DATA VALIDATION CHECKLIST (Level III and Level IV)				
Client Name: Pastor, Behling, & Wheeler	Project Number: 1352			
Property Location: Gulfco Superfund Site	Project Manager: Eric Pastor			
Laboratory: GCAL – Baton Rouge, LA GEL – Charleston, SC	Laboratory Job No.: GCAL - 206072002 GEL – 167603			
Reviewer: Taryn Scholz (QAA, L.L.C.)	Date Checked: 11/28/06			
ITEM	**Yes**	**No**	**NA**	**Comment Number**
Chain of Custody (COC) and Sample Receipt at Lab				
1. Signed COCs included and seals used?	X			
2. Date and time of sample collection included?	X			2.
3. All samples listed on the COC analyzed for in accordance with the RI/FS Work Plan?	X			
4. Field QC sample frequency met project requirements?		X		4.
5. Sample receipt temperature 2-6°C?	X			
6. Samples preserved appropriately?	X			
7. Samples received within 2 days of collection?	X			from GCAL
8. No problems noted?	X			
Laboratory Report and Data Package				
9. Signed Case Narrative included?	X			
10. No analytical discrepancies noted in case narrative?		X		10.
11. Elevated reporting limits justified?			X	
12. MDLs reasonable per DCS?			X	12.
13. Calibration data acceptable?	X			ecd8 072506
14. ICV and CCV recoveries within project control limits?		X		see attached
15. ICB and CCB results <RL (MQL)?			X	
16. Internal standard areas within project control limits?			X	
Laboratory EDD				
17. Field sample IDs included?		X		17.
18. Laboratory sample IDs included?	X			
19. Date of analysis included?	X			
20. Date of sample preparation included?	X			
21. Samples prepared within holding time?	X			
22. Samples analyzed within holding time?	X			
23. Detection limit and quantitation limit included?	X			
24. Project target limits achieved?	X			
25. No elevated reporting limits?	X			
26. Method references included?	X			
27. Sample matrix included?	X			
28. Sample result units reported correctly?	X			in ug/kg
29. Soil/ sediment results corrected for dry-weight?	X			
30. Method blank results <RL (MDL)?	X			
31. Equipment and Trip blank results <RL (MDL)?			X	
32. All COIs included in LCS?	X			
33. LCS recovery within project control limits?	X			
34. MS/MSD recoveries within project control limits?		X		see attached
35. LCS/LCSD RPDs within project control limits?	X			
36. MS/MSD RPDs within project control limits?		X		see attached
37. Laboratory duplicate RPDs/Diffs within project control limits?			X	
38. Field duplicate RPDs/Diffs within project control limits?			X	
39. Surrogate recoveries within project control limits?	X			
40. Completeness percentage within project limits?	X			

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Definitions: **CCB** – Continuing Calibration Blank; **CCV** – Continuing Calibration Verification; **COI** – Compounds of Interest; **DCS** – Detectability Check Sample; **ICB** – Initial Calibration Blank; **ICV** – Initial Calibration Verification; **LCS** – Laboratory Control Sample; **LCSD** – Laboratory Control Sample Duplicate; **MDL** – Method Detection Limit; **MS/MSD** – Matrix Spike/Matrix Spike Duplicate; **RL** – Reporting Limit; **RPD** – Relative Percent Difference				

COMMENTS

2. Collection Time for sample 20607200207 (SJ5SB81-161-(0-0.5)) in EDD is incorrect (reported as 12:02, actually 12:20). Correction added to EDD in {}.

4. No field blanks, equipment blanks, or field duplicates analyzed for PCB-Congeners. (Aroclor analyses show all non-detects in field/equipment blanks and good precision for soil samples.)

10. Issues noted. All are based on laboratory limits, which do not affect flagging for this site, except:

Two TAs failed CCV acceptance criteria on one column for this SDG; these two TAs not detected on either column thus no effect on the data

Recoveries and RPDs for MS/MSD not within lab limits

Elemental mercury and alumina cleanup used for sample extracts

12. GEL laboratory packages do not include quantitation reports, chromatograms or MDL/DCS documentation. Since some of the soil samples have detects, the validator requested quantitation reports/ chromatograms for all of the soil samples and the laboratory submitted them separately in pdf files (one for each of the three work orders) on 10/25/06. All other QC information is available on summary forms, no further action was taken.

17. Analyses were subcontracted and thus the Sample ID in the EDD is the primary Lab ID (from GCAL).

DATA VALIDATION CHECKLIST (Level IV only)				
Client Name: Pastor, Behling, & Wheeler	Project Number: 1352			
Property Location: Gulfco Superfund Site	Project Manager: Eric Pastor			
Laboratory: GCAL – Baton Rouge, LA GEL – Charleston, SC	Laboratory Job No.: GCAL - 206072002 GEL – 167603			
Reviewer: Taryn Scholz (QAA, L.L.C.)	Date Checked: 11/28/06			
ITEM	**Yes**	**No**	**NA**	**Comment Number**
Laboratory Report and Raw Data Package				
1. Sample results calculated and transcribed correctly?	X			
2. QC parameters calculated and reported correctly?	X			
3. Pesticide breakdown ≤ 15%?			X	
4. GC/MS tuning performance within criteria?			X	
5. GC/MS RRF above minimum project requirements?			X	
6. ICP ICS recoveries within criteria?			X	
7. ICP ICB/CCB absolute value of results <MQL?			X	
8. GC qualitative identification criteria met?	X			
9. GC/MS qualitative identification criteria met?			X	
10. GC second confirmation RPD criteria met?		X		10.

COMMENTS

Checked Sample 07

10. RPD > 40% for Hexachlorobiphenyl (153) at 51% and Pentachlorobiphenyl (105) at 52%. The laboratory reported all sample results from one column, i.e. the front column, which was selected as the primary column by the analyst. The amount from the front column is higher than that from the back column for ten of the thirteen detected analytes. Results with RPD > 40% (flagged P by laboratory) should be considered estimates. No further Validation Qualifiers were applied based on this Level IV only check since there is no critical effect on data usability.

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SET SUMMARY
Laboratory Job No.: 206072002

7	Number of Field Samples including Field Duplicates (0)
1	Number of Field MS/MSD Pairs
0	Number of Equipment Rinsate Blanks
0	Number of Field Blanks
NA	Number of VOC Trip Blanks
1	Number of Parameters (PCB Congeners)
31	Number of Target Analytes per Sample
217	Total Measurements for Field Samples
177	Number of measurements with no validation qualifier (i.e., “none” in EDD)
0	Number of measurements with UJ flag
0	Number of measurements with J- flag
20	Number of measurements with J flag (due solely to result being between the SDL and SQL)
20	Number of measurements with J flag (for various analytes due to high ave MS/MSD recovery and/or poor MS/MSD precision)
0	Number of measurements with J+ flag
0	Number of measurements with U flag
0	Number of measurement with NS flag
0	Number of measurements with R flag
100%	Completeness-to-date on a sample level (percentage of soil samples with usable data, project goal 90%)
100%	Completeness-to-date on an analyte level (percentage of soil samples with usable data for a specific analyte, project goal 80%) – PCB Congeners

Usability: All data suitable as qualified for the intended use.

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QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SI7SB76-151-(0-0.5)	Heptachlorobiphenyl (170)	J	result is between SDL and SQL
SI7SB76-151-(0-0.5)	Heptachlorobiphenyl (180)	J	result is between SDL and SQL
SI7SB76-151-(0-0.5)	Heptachlorobiphenyl (187)	J	result is between SDL and SQL
SI7SB76-151-(0-0.5)	Hexachlorobiphenyl (128)	J	result is between SDL and SQL
SI7SB76-151-(0-0.5)	Hexachlorobiphenyl (138)	J	poor MS/MSD precision (53 RPD)
SI7SB76-151-(0-0.5)	Pentachlorobiphenyl (101)	J	high ave MS/MSD recovery (162%); poor MS/MSD precision (77 RPD)
SI7SB76-151-(0-0.5)	Pentachlorobiphenyl (118)	J	poor MS/MSD precision (53 RPD)
SI7SB76-151-(0-0.5)	Pentachlorobiphenyl (87)	J	result is between SDL and SQL
SI7SB76-151-(0-0.5)	Tetrachlorobiphenyl (52)	J	high ave MS/MSD recovery (176%); poor MS/MSD precision (77 RPD); result is between SDL and SQL
SL5SB96-191-(0-0.5)	Heptachlorobiphenyl (170)	J	result is between SDL and SQL
SL5SB96-191-(0-0.5)	Heptachlorobiphenyl (180)	J	result is between SDL and SQL
SL5SB96-191-(0-0.5)	Heptachlorobiphenyl (187)	J	result is between SDL and SQL
SL5SB96-191-(0-0.5)	Hexachlorobiphenyl (128)	J	result is between SDL and SQL
SL5SB96-191-(0-0.5)	Hexachlorobiphenyl (138)	J	poor MS/MSD precision (53 RPD)
SL5SB96-191-(0-0.5)	Hexachlorobiphenyl (153)	J	poor MS/MSD precision (46 RPD)
SL5SB96-191-(0-0.5)	Pentachlorobiphenyl (101)	J	high ave MS/MSD recovery (162%); poor MS/MSD precision (77 RPD)
SL5SB96-191-(0-0.5)	Pentachlorobiphenyl (118)	J	poor MS/MSD precision (53 RPD)
SL5SB96-191-(0-0.5)	Tetrachlorobiphenyl (52)	J	high ave MS/MSD recovery (176%); poor MS/MSD precision (77 RPD); result is between SDL and SQL
SK7SB91-181-(0-0.5)	Heptachlorobiphenyl (170)	J	result is between SDL and SQL
SK7SB91-181-(0-0.5)	Heptachlorobiphenyl (180)	J	result is between SDL and SQL
SK7SB91-181-(0-0.5)	Heptachlorobiphenyl (187)	J	result is between SDL and SQL
SK7SB91-181-(0-0.5)	Hexachlorobiphenyl (153)	J	poor MS/MSD precision (46 RPD); result is between SDL and SQL
SL8SB99-198-(1-2)	Heptachlorobiphenyl (180)	J	result is between SDL and SQL
SL8SB99-198-(1-2)	Heptachlorobiphenyl (187)	J	result is between SDL and SQL
SL8SB99-198-(1-2)	Hexachlorobiphenyl (138)	J	poor MS/MSD precision (53 RPD); result is between SDL and SQL
SL8SB99-198-(1-2)	Hexachlorobiphenyl (153)	J	poor MS/MSD precision (46 RPD)
SL8SB99-198-(1-2)	Pentachlorobiphenyl (101)	J	high ave MS/MSD recovery (162%); poor MS/MSD precision (77 RPD); result is between SDL and SQL
SL8SB99-198-(1-2)	Tetrachlorobiphenyl (52)	J	high ave MS/MSD recovery (176%); poor MS/MSD precision (77 RPD)
SJ5SB81-161-(0-0.5)	Heptachlorobiphenyl (170)	J	result is between SDL and SQL
SJ5SB81-161-(0-0.5)	Heptachlorobiphenyl (180)	J	result is between SDL and SQL
SJ5SB81-161-(0-0.5)	Heptachlorobiphenyl (187)	J	result is between SDL and SQL
SJ5SB81-161-(0-0.5)	Hexachlorobiphenyl (128)	J	result is between SDL and SQL
SJ5SB81-161-(0-0.5)	Hexachlorobiphenyl (138)	J	poor MS/MSD precision (53 RPD)
SJ5SB81-161-(0-0.5)	Hexachlorobiphenyl (153)	J	poor MS/MSD precision (46 RPD)
SJ5SB81-161-(0-0.5)	Hexachlorobiphenyl (156)	J	result is between SDL and SQL
SJ5SB81-161-(0-0.5)	Pentachlorobiphenyl (101)	J	high ave MS/MSD recovery (162%); poor MS/MSD precision (77 RPD)
SJ5SB81-161-(0-0.5)	Pentachlorobiphenyl (105)	J	result is between SDL and SQL
SJ5SB81-161-(0-0.5)	Pentachlorobiphenyl (118)	J	poor MS/MSD precision (53 RPD)
SJ5SB81-161-(0-0.5)	Tetrachlorobiphenyl (44)	J	high ave MS/MSD recovery (173%); poor MS/MSD precision (83 RPD)
SJ5SB81-161-(0-0.5)	Tetrachlorobiphenyl (52)	J	high ave MS/MSD recovery (176%); poor MS/MSD precision (77 RPD)

ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_tim e	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
x	007F0701	CCV1	SW846 8082			Tetrachlorobiphenyl (77)	J- to RRs (single col) – none	TRG			07/25/06	17:18	calibration drift column 1 (%D= -16)	
x	019F1901	CCV1	SW846 8082			2,2',5-Trichlorobiphenyl (18)	J+ to RRs (none)	TRG			07/25/06	22:32	calibration drift column 1 (%D= +18)	
x	031F3101	CCV1	SW846 8082			2,2',5-Trichlorobiphenyl (18)	J+ to RRs (none)	TRG			07/26/06	03:44	calibration drift column 1 (%D= +19)	
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	2,4'-Dichlorobiphenyl (8)	J+ to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	high ave MS/MSD recovery (265.5%)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	2,4'-Dichlorobiphenyl (8)	J to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (89 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	2,2',5-Trichlorobiphenyl (18)	J+ to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	high ave MS/MSD recovery (320.5%)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	2,2',5-Trichlorobiphenyl (18)	J to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (146 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	2,4,4'-Trichlorobiphenyl (28)	J+ to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	high ave MS/MSD recovery (339%)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	2,4,4'-Trichlorobiphenyl (28)	J to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (143 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Tetrachlorobiphenyl (52)	J+ to RRs	TRG	07/24/06	10:00	07/25/06	20:21	high ave MS/MSD recovery (176%)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Tetrachlorobiphenyl (52)	J to RRs	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (77 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Tetrachlorobiphenyl (44)	J+ to RRs	TRG	07/24/06	10:00	07/25/06	20:21	high ave MS/MSD recovery (173%)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Tetrachlorobiphenyl (44)	J to RRs	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (83 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Tetrachlorobiphenyl (66)	J+ to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	high ave MS/MSD recovery (155%)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Tetrachlorobiphenyl (66)	J to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (84 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Pentachlorobiphenyl (101)	J+ to RRs	TRG	07/24/06	10:00	07/25/06	20:21	high ave MS/MSD recovery (162%)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Pentachlorobiphenyl (101)	J to RRs	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (77 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Tetrachlorobiphenyl (49)	J to RRs (none)	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (74 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Pentachlorobiphenyl (118)	J to RRs	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (53 RPD)	550549

ATTACHMENT 1

SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Hexachlorobiphenyl (153)	J to RRs	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (46 RPD)	550549
SI7SB76-151-(0-0.5) MSD	1201141677	MSD	SW846 8082	T	S	Hexachlorobiphenyl (138)	J to RRs	TRG	07/24/06	10:00	07/25/06	20:21	poor MS/MSD precision (53 RPD)	550549

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 08/14/2006

GCAL Report 206072002 & 206072026

Deliver To	Pastor, Behling, & Wheeler 2201 Double Creek Dr Suite 4004 Round Rock, TX 78664 512-671-3434
Attn	Eric Matzner

Customer Pastor, Behling, & Wheeler

Project Gulfco Marine Maintenance Site

CASE NARRATIVE

Client: Pastor, Behling, & Wheeler **Report:** 206072002 & 206072026

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found for the analyzed sample(s).

187484

LABORATORY ENDORSEMENT

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates that the result was Not Detected at the specified RDL
DO	Indicates that the result was Diluted Out
MI	Indicates that the result was subject to Matrix Interference
TNTC	Indicates that the result was Too Numerous To Count
SUBC	Indicates that the analysis was Sub-Contracted
FLD	Indicates that the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Curtis Ekker

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 206072002 & 206072026

THIS REPORT CONTAINS 338 **PAGES.**

187485

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200201	SI7SB76-151-(0-0.5)	Solid	07/18/2006 14:00	07/19/2006 09:50
20607200202	SK2SB86-171-(0-0.5)	Solid	07/17/2006 16:05	07/19/2006 09:50
20607200203	SL5SB96-191-(0-0.5)	Solid	07/18/2006 09:40	07/19/2006 09:50
20607200204	SK7SB91-181-(0-0.5)	Solid	07/18/2006 13:00	07/19/2006 09:50
20607200205	SL8SB99-198-(1-2)	Solid	07/18/2006 09:25	07/19/2006 09:50
20607200206	ND3SB05-010 (1-2)	Solid	07/17/2006 16:20	07/19/2006 09:50
20607200207	SJ5SB81-161-(0-0.5)	Solid	07/18/2006 12:20	07/19/2006 09:50

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607202601	SI5SB74-147-(0-0.5)	Solid	07/18/2006 17:30	07/20/2006 09:35
20607202602	SI5SB74-148-(1-2)	Solid	07/18/2006 17:35	07/20/2006 09:35
20607202603	SH4SB64-128-(1-2)	Solid	07/18/2006 17:45	07/20/2006 09:35
20607202604	SH4SB64-127-(0-0.5)	Solid	07/18/2006 17:50	07/20/2006 09:35
20607202605	SF4SB46-092-(1-2)	Solid	07/18/2006 17:00	07/20/2006 09:35
20607202606	SH5SB66-131-(0-0.5)	Solid	07/18/2006 17:50	07/20/2006 09:35
20607202607	SH5SB66-132-(1-2)	Solid	07/18/2006 17:55	07/20/2006 09:35
20607202608	SH4SB65-130-(1-2)	Solid	07/18/2006 18:30	07/20/2006 09:35
20607202609	SH4SB65-129-(0-0.5)	Solid	07/18/2006 18:25	07/20/2006 09:35
20607202610	SI4SB72-144-(1-2)	Solid	07/18/2006 18:00	07/20/2006 09:35
20607202611	SI4SB72-143-(0-0.5)	Solid	07/18/2006 18:05	07/20/2006 09:35
20607202612	SF6SB50-100-(1-2)	Solid	07/19/2006 09:30	07/20/2006 09:35
20607202613	SH6SB67-134-(1-2)	Solid	07/19/2006 09:20	07/20/2006 09:35
20607202614	SG7SB60-120-(1-2)	Solid	07/19/2006 09:45	07/20/2006 09:35
20607202615	SG3SB55-110 (1-2)	Solid	07/18/2006 16:00	07/20/2006 09:35
20607202616	SD5SB35-070-(1-2)	Solid	07/19/2006 12:10	07/20/2006 09:35
20607202617	SE4SB40-080-(1-2)	Solid	07/19/2006 11:15	07/20/2006 09:35
20607202618	SC6SB30-060-(1-2)	Solid	07/19/2006 13:40	07/20/2006 09:35

Meeting Today's Needs

with a

Vision for Tomorrow

GENERAL ENGINEERING LABORATORIES, LLC

187488

GULF COAST ANALYTICAL LABORATORIES, INC.
PCB Congener Project
Project No. 206072002
SDG# 167603

187489

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GENERAL NARRATIVE

000009

187491

CASE NARRATIVE
For
GULF COAST ANALYTICAL LABORATORIES, INC.
Baton Rouge, LA
Project No. 206072002
SDG# 167603

August 3, 2006

Laboratory Identification:

General Engineering Laboratories, LLC

Mailing Address:

P.O. Box 30712
Charleston, South Carolina 29417

Express Mail Delivery and Shipping Address:

2040 Savage Road
Charleston, South Carolina 29407

Telephone Number:

(843) 556-8171

Summary:

Sample receipt

The sample(s) from Gulf Coast Analytical Laboratories, Inc. arrived at General Engineering Laboratories, LLC (GEL) located in Charleston, South Carolina on July 21, 2006 for environmental analyses. The sample containers arrived unbroken without any signs of tampering. The sample containers were delivered with chain of custody documentation and signatures. The shipping container temperature upon receipt was 5°C.

The sample description for 206072002615 on the chain of custody did not match the description on the container. GCAL was notified and verified that the container was correct and e-mailed a corrected copy of the chain. Please see the attached e-mail.

Sample(s) logged by the laboratory:

Laboratory Identification	Sample Description
167603001	20607200201
167603002	20607200202
167603003	20607200203
167603004	20607200204
167603005	20607200205

Laboratory Identification	Sample Description
167603006	20607200206
167603007	20607200207
167604001	20607202601
167604002	20607202602
167604003	20607202603
167604004	20607202604
167604005	20607202605
167604006	20607202606
167604007	20607202607
167604008	20607202608
167604009	20607202609
167604010	20607202610
167604011	20607202611
167604012	20607202612
167604013	20607202613
167604014	20607202614
167604015	20607202615
167604016	20607202616
167604017	20607202617
167604018	20607202618

Case Narrative

Sample analyses were conducted using methodology as outlined in General Engineering Laboratories (GEL). Any technical or administrative problems during analysis, data review, or reductions are listed in the individual analytical case narratives.

Internal Chain of Custody:

Custody was maintained for the sample(s).

Data Package:

The enclosed data package contains the following sections: General Case Narrative, Data Qualifier Flags, Chain of custody, Cooler Receipt Checklist, PCB Congener Analysis.

The following are definitions of reporting limits used at General Engineering Laboratories:

DL — Detection Limit: The minimum level of an analyte that can be determined (identified not quantified) with 99% confidence. The values are normally achieved by preparing and analyzing seven aliquots of laboratory water spiked 1 to 5 times the estimated MDL, taking the standard deviation and multiplying it against the one-tailed t-statistic at 99%. This computed value may then be verified for reasonableness by repeating the study using the concentration found in the initial study, calculating an F-ratio, and computing the final limit. Sample specific preparation and dilution factors are applied to these limits when they are reported.

The detection limit is the minimum concentration of a substance that can be identified, measured, and reported with 99% confidence that the analyte concentration is above zero. It answers the question "Is It Present"

QL — Quantitation Limit: The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The QL is generally 5 to 10 times the MDL.

However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the QL analyte concentration is selected as the lowest non-zero standard in the calibration curve.

Sample QL's are highly matrix-dependent. Sample specific preparation and dilution factors are applied to these limits when they are reported.

The QL is always greater than the DL.

This data package, to the best of my knowledge, is in compliance with technical and administrative requirements.

David J. Setzer
Project Manager

Subject: RE: Soil Samples Received Today 7/20/06
From: "Dana Merrill" <danam@gcal.com>
Date: Fri, 21 Jul 2006 14:35:44 -0500
To: "David Setzer" <djs@gel.com>

Dave,

The sample container ID is the correct ID. Copy and Paste error. Corrected COC attached.

Dana

-----Original Message-----
From: David Setzer [mailto:djs@gel.com]
Sent: Friday, July 21, 2006 1:06 PM
To: Dana Merrill
Subject: Soil Samples Received Today 7/20/06

Dana,

The sample description [SG3SB55-110-(1-2)] on the container for Sample Id 20607202615 did not match the sample description [SDSB35-070-(1-2)] on the chain of custody (PO060880, Project 20607202). The collect date/time is the same on both (7/18/06 1600). Please verify the correct sample description/Id for the sample received.

Regards,

Dave

--

David J. Setzer
Project Manager
General Engineering Laboratories, LLC
2040 Savage Road
Charleston, SC (USA) 29407
Phone: 843.556.8171 x 4443
Fax: 843.766.1178
E-mail: djs@gel.com
Web: www.gel.com

The information contained in this message is confidential and is intended only for the use of the individual or firm of record. If you are not the intended recipient and have received this message in error, you are asked not to copy or distribute any of the pages that follow. Please notify the sender immediately by telephone or email if you have received this communication in error and destroy the contents that do not pertain to your business with The GEL Group, INC.

20607202601 PT2.XLS	**Content-Description:**	20607202601 PT2.XLS
	Content-Type:	application/vnd.ms-excel
	Content-Encoding:	base64

CHAIN OF CUSTODY

187496

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI AVE, BATON ROUGE LA 70820-7402
(225) 769-4900 FAX (225) 767-5717

Ship to: General Engineering Labs
2040 Savage Road
Charleston, SC 29407

Attn: Tasha Horton
PH: 843-556-8171
Ship Via: FEDEX

Chain of Custody Record

Submitted by
Client: Gulf Coast Analytical Labs
Address: 7979 GSRI Avenue
Baton Rouge, LA 70820
Contact: Dana Merrill
Phone: (225)769-4900
Fax: (225)767-5717

Bill to
Client: Gulf Coast Analytical Labs
Address: 7979 GSRI Avenue
Baton Rouge, LA 70820
Contact: Accounts Payable
Phone: (225)769-4900
Fax: (225)767-5717

Analysis Requested

* Our P. O. Number must appear on the Invoice.
* Our Project Number must appear on the final report.

EDD REQUESTED

Report both standard MDLs and PQLs for standard list.

P.O. Number: 060879
Project Name/Number: 206072002
Sampled By: 4482

Matrix	Date	Time (2400)	Comp	Grab	Sample Description 167603%	Pre-serva-tives	No. Con-tainers	PCB CONGENERS	Remarks:	Lab ID
S	7/18/06	1400			SI7SB76-151-(0-0.5)	NA	1	X	20607200201	001
S	7/17/06	1605			SK2SB86-171-(0-0.5)	NA	1	X	20607200202	002
S	7/18/08	0940			SL5SB96-191-(0-0.5)	NA	1	X	20607200203	003
S	7/18/06	1300			SK7SB91-181-(0-0.5)	NA	1	X	20607200204	004
S	7/18/06	0925			SL8SB99-198-(1-2)	NA	1	X	20607200205	005
S	7/17/06	1620			ND3SB05-010 (1-2)	NA	1	X	20607200206	006
S	7/18/06	1220			SJ5SB81-161-(0-0.5)	NA	1	X	20607200207	007

Turn Around Time: 24 - 48 hrs | **3 days** | 1 week | standard | other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	7-20-06	1700
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	C. Dunlap	7/21/06	0930
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
Level IV Package , CLP Like deliverable, 21 day TAT

Please fax results to (225)769-4900
PLEASE RETURN ICE CHESTS TO 7979 GSRI AVE.

Matrix: W = water, S=Soil, SD=Solid, L=Liquid, SL=Sludge, O=Oil, CT=Charcoal Tube, OVM=Organic Vapor Monitor, XT=XAD Tube, A=Air Bag, SUM=Summa Canister

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187497

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI AVE, BATON ROUGE LA 70820-7402
(225) 769-4900 FAX (225) 767-5717

Ship to: General Engineering Labs
2040 Savage Road
Charleston, SC 29407

Attn: Tasha Horton
PH: 843-556-8171
Ship Via: FEDEX

Chain of Custody Record

Submitted by
Client: Gulf Coast Analytical Labs
Address: 7979 GSRI Avenue
Baton Rouge, LA 70820
Contact: Dana Merrill
Phone: (225)769-4900
Fax: (225)767-5717

Bill to
Client: Gulf Coast Analytical Labs
Address: 7979 GSRI Avenue
Baton Rouge, LA 70820
Contact: Accounts Payable
Phone: (225)769-4900
Fax: (225)767-5717

P.O. Number: 060880
Project Name/Number: 206072002
Sampled By: 4482

Analysis Requested

* Our P. O. Number must appear on the Invoice.
* Our Project Number must appear on the final report.

EDD REQUESTED

Report both standard MDLs and PQLs for standard list.

Matrix	Date	Time (2400)	Comp	Grab	Sample Description	Pre-serva-tives	No. Con-tainers	PCB CONGENERS	Remarks:	Lab ID 167604
S	7/18/06	1730			SI5SB74-147-(0-0.5)	NA	1	X	20607202601	001
S	7/18/06	1735			SI5SB74-148-(1-2)	NA	1	X	20607202602	002
S	7/18/06	1745			SH4SB64-128-(1-2)	NA	1	X	20607202603	003
S	7/18/06	1750			SH4SB64-127-(0-0.5)	NA	1	X	20607202604	004
S	7/18/06	1700			SF4SB46-092-(1-2)	NA	1	X	20607202605	005
S	7/18/06	1750			SH5SB66-131-(0-0.5)	NA	1	X	20607202606	006
S	7/18/06	1755			SH5SB66-132-(1-2)	NA	1	X	20607202607	007
S	7/18/06	1830			SH4SB65-130-(1-2)	NA	1	X	20607202608	008
S	7/18/06	1825			SH4SB65-129-(0-0.5)	NA	1	X	20607202609	009
S	7/18/06	1800			SI4SB72-144-(1-2)	NA	1	X	20607202610	010

Turn Around Time: 24 - 48 hrs **3 days** 1 week standard other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Fedex	7-20-06	1700
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	C. Denis	7/21/06	0930
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
Level IV Package , CLP Like deliverable, 21 day TAT

Please fax results to (225)769-4900
PLEASE RETURN ICE CHESTS TO 7979 GSRI AVE.

Matrix: W = water, S=Soil, SD=Solid, L=Liquid, SL=Sludge, O=Oil, CT=Charcoal Tube, OVM=Organic Vapor Monitor, XT=XAD Tube, A=Air Bag, SUM=Summa Canister

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187498

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI AVE, BATON ROUGE LA 70820-7402
(225) 769-4900 FAX (225) 767-5717

Ship to: General Engineering Labs
2040 Savage Road
Charleston, SC 29407

Attn: Tasha Horton
PH: 843-556-8171
Ship Via: FEDEX

Chain of Custody Record

Submitted by
Client: Gulf Coast Analytical Labs
Address: 7979 GSRI Avenue
Baton Rouge, LA 70820
Contact: Dana Merrill
Phone: (225)769-4900
Fax: (225)767-5717

Bill to
Client: Gulf Coast Analytical Labs
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Baton Rouge, LA 70820
Contact: Accounts Payable
Phone: (225)769-4900
Fax: (225)767-5717

Analysis Requested

* Our P. O. Number must appear on the Invoice.
* Our Project Number must appear on the final report.

EDD REQUESTED

Report both standard MDLs and PQLs for standard list.

P.O. Number: 060880

Project Name/Number: 206072002

Sampled By: 4482

Matrix	Date	Time (2400)	Comp	Grab	Sample Description	Pre-serva-tives	No. Con-tainers	PCB CONGENERS	Remarks:	Lab ID
S	7/18/06	1805			SI4SB72-143-(0-0.5)	NA	1	X	20607202611	011
S	7/19/06	0930			SF6SB50-100-(1-2)	NA	1	X	20607202612	012
S	7/19/06	0920			SF6SB50-134-(1-2)	NA	1	X	20607202613	013
S	7/19/06	0945			SG7SB60-120-(1-2)	NA	1	X	20607202614	014
S	7/18/06	1600			SG3SB55-110 (1-2)	NA	1	X	20607202615	015
S	7/19/06	1210			SD5SB35-070-(1-2)	NA	1	X	20607202616	016
S	7/19/06	1115			SE4SB40-080-(1-2)	NA	1	X	20607202617	017
S	7/19/06	1340			SC6SB30-060-(1-2)	NA	1	X	20607202618	018

Lab ID: 167604

Turn Around Time: ___ 24 - 48 hrs ___ **3 days** ___ 1 week ___ standard other ___

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note
Level IV Package , CLP Like deliverable, 21 day TAT

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PLEASE RETURN ICE CHESTS TO 7979 GSRI AVE.

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GCAL

GULF COAST ANALYTICAL LABORATORIES, INC
7979 GSRI AVE, BATON ROUGE LA 70820-7402
(225) 769-4900 FAX (225) 767-5717

Ship to: General Engineering Labs
2040 Savage Road
Charleston, SC 29407

Attn: Tasha Horton
PH: 843-556-8171
Ship Via: FEDEX

Chain of Custody Record

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Client: Gulf Coast Analytical Labs
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Client: Gulf Coast Analytical Labs
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Baton Rouge, LA 70820
Contact: Accounts Payable
Phone: (225)769-4900
Fax: (225)767-5717

Analysis Requested

* Our P. O. Number must appear on the Invoice.
* Our Project Number must appear on the final report.

EDD REQUESTED

Report both standard MDLs and PQLs for standard list.

P.O. Number: 060880
Project Name/Number: 206072002
Sampled By: 4482

Matrix	Date	Time (2400)	Comp	Grab	Sample Description	Pre-serva-tives	No. Con-tainers	PCB CONGENERS	Remarks:	Lab ID
S	7/18/06	1805			SI4SB72-143-(0-0.5)	NA	1	X	20607202611	
S	7/19/06	0930			SF6SB50-100-(1-2)	NA	1	X	20607202612	
S	7/19/06	0920			SF6SB50-134-(1-2)	NA	1	X	20607202613	
S	7/19/06	0945			SG7SB60-120-(1-2) DH 7/21/06	NA	1	X	20607202614	
S	7/18/06	1600			~~SDSB35-070-(1-2)~~ SG3SB55-110(1-2)	NA	1	X	20607202615	
S	7/19/06	1210			SD5SB35-070-(1-2)	NA	1	X	20607202616	
S	7/19/06	1115			SE4SB40-080-(1-2)	NA	1	X	20607202617	
S	7/19/06	1340			SC6SB30-060-(1-2)	NA	1	X	20607202618	

Turn Around Time: 24 - 48 hrs **3 days** 1 week standard other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Fedex	7-20-06	1700
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	C. Dunat	7/21/06	0730
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:
Level IV Package , CLP Like deliverable, 21 day TAT

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0000018

187500

COOLER RECEIPT CHECKLIST

SAMPLE RECEIPT & REVIEW FORM

GENERAL ENGINEERING LABORATORIES, LLC

PM use only

Client: GCAL	SDG/ARCOC/Work Order: 167603
Date Received: 7/21/06	PM(A) Review (ensure non-conforming items are resolved prior to signing):
Received By: C. Olmicotte	MSW

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other (describe)
2	Samples requiring cold preservation within (4 +/- 2 C)? Record preservation method.	✓			Circle Coolant # (ice bags) blue ice dry ice none other describe) 5°C
3	Chain of custody documents included with shipment?	✓			
4	Sample containers intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other (describe)
5	Samples requiring chemical preservation at proper pH?		✓		Sample ID's, containers affected and observed pH:
6	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
7	Are Encore containers present? (If yes, immediately deliver to VOA laboratory)			✓	
8	Samples received within holding time?	✓			Id's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
11	Number of containers received match number indicated on COC?			✓	Sample ID's affected: Did not receive - SDSB35-070(1-2) we did receive - SG3SB55-110 (1-2) *not on COC* → Client Notified 7/28/06
12	COC form is properly signed in relinquished/received sections?	✓			
14	Air Bill ,Tracking #'s, & Additional Comments	FedEx 7180 0049 8972			

	Suspected Hazard Information	Non-Regulated	Regulated	High Level	RSO RAD Receipt # _____ *If > x2 area background is observed on samples identified as "non-regulated/non-radioactive", contact the Radiation Safety group for further investigation.
A	Radiological Classification?	✓			Maximum Counts Observed*: 20 CPM
B	PCB Regulated?	✓			Comments:
C	Shipped as DOT Hazardous Material? If yes, contact Waste Manager or ESH Manager.	✓			Hazard Class Shipped: UN#:

PM (or PMA) review of Hazard classification: _____ Initials _____ Date:

12

187502

DATA REVIEW QUALIFIER FLAG DEFINITION SHEET

General Engineering Laboratories, LLC

DATA QUALIFIERS FOR ORGANIC ANALYSES

Data Qualifiers used on Form 1s or Certificates of Analysis (COA) follow the specifications set forth in the technical specifications of the most current CLP Statement of Work and are defined as follows:

Section	Explanation	Location
A	The TIC is suspected aldol-condensation product.	COA, Form 1, and EDD
B	Analyte was detected in the associated method blank as well as in the sample.	COA, Form 1, and EDD
C	Pesticide analyte has been confirmed by GC/MS.	COA, Form 1, and EDD
D	Analyte(s) quantified in an analysis performed at a secondary dilution factor.	COA, Form 1, and EDD
E	Identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.	COA, Form 1, and EDD
J	This flag indicates an estimated value concerning either, (1) estimating a concentration for tentatively identified compounds (TICs), or (2) analyte detected at a level less than the RDL or PQL and greater than or equal to the MDL.	COA, Form 1, and EDD
N	Presumptive evidence based upon a mass spectral library search to make a tentative identification of the analyte.	COA, Form 1, and EDD
NJ	Analyte has been tentatively identified and the associated numerical value is estimated based upon 1:1 response factor to the nearest eluting internal standard.	COA, Form 1, and EDD
P	- Pesticide/PCB target analyte that is greater than 25% difference for the detected concentrations between the two GC columns. - HPLC target analyte that is greater than 40% difference for the detected concentrations between detectors or columns.	Form 1 and EDD
U	Compound analyzed for but not detected (sample quantitation limit has been adjusted to reflect dilutions and percent moisture).	COA, Form 1, and EDD
X	Other reporting flag as defined in report narrative.	COA, Form 1, and EDD
**	Laboratory Control Sample recovery outside of acceptance limit.	QC Summary Report

All surrogate recoveries and acceptance ranges are reported at the bottom of Form 2 or COA.

GC SEMIVOLATILE PCB ANALYSIS

PCB Case Narrative
Gulf Coast Analytical Labs, LLC (GCAL)
SDG 167603

Method/Analysis Information

Procedure:	**Polychlorinated Biphenyls by ECD**
Analytical Method:	SW846 8082
Prep Method:	SW846 3550B
Analytical Batch Number:	550549
Prep Batch Number:	550548

Sample Analysis

The following samples were analyzed using the analytical protocol as established in SW846 8082:

Sample ID	Client ID
167603001	20607200201
167603002	20607200202
167603003	20607200203
167603004	20607200204
167603005	20607200205
167603006	20607200206
167603007	20607200207
1201141176	Method Blank (MB)
1201141177	Laboratory Control Sample (LCS)
1201142185	Laboratory Control Sample Duplicate (LCSD)
1201141677	167603001(20607200201) Matrix Spike (MS)
1201141678	167603001(20607200201) Matrix Spike Duplicate (MSD)

Preparation/Analytical Method Verification

Procedures for preparation, analysis, and reporting of analytical data are documented by General Engineering Laboratories, LLC. (GEL) as Standard Operating Procedures (SOP).

Raw data reports are processed and reviewed by the analyst using the Target software package. False positives have been removed from the Target quantitation reports per standard operating procedures (SOP) section 23.0.

Calibration Information

Initial Calibration
All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements
All calibration verification standards (CVS, ICV, or CCV) requirements have not been met for this SDG.

Tetrachlorobiphenyl (77) and 2,2',5-Trichlorobiphenyl (18) did not meet the acceptance criteria with a negative or positive bias on one analytical column in the standards bracketing the samples in this SDG. Since Tetrachlorobiphenyl (77) and 2,2',5-Trichlorobiphenyl (18) were not detected on either column, this non-compliance had no adverse effects on the data.

Quality Control (QC) Information

Method Blank (MB) Statement
The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries
All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery
The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery
The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation
Sample 167603001 (20607200201) was selected for the matrix spike and matrix spike duplicate analysis.

Matrix Spike (MS) Recovery Statement
The MS recoveries for this SDG were not within the acceptance limits. The failures were confirmed in the matrix spike duplicate and were attributed to sample matrix interference.

Matrix Spike Duplicate (MSD) Recovery Statement
The MSD recoveries for this SDG were not within the acceptance limits due to sample matrix interference.

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent differences (RPD) between the MS and MSD were not within the required acceptance limits due to sample matrix interference.

Technical Information

Holding Time Specifications
GEL assigns holding times based on the associated methodology, which assigns the date and time from sample collection of sample receipt. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
All procedures were performed as stated in the SOP. Additionally, elemental mercury was added to all sample extracts to remove sulfur. All sample extracts were cleaned using alumina.

Sample Dilutions
The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis
Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Electronic Package Comment

The following package was generated using an electronic data processing program referred to as "virtual packaging". In an effort to increase quality and efficiency, the laboratory is developing systems to eventually generate all data packages electronically. The following change from "traditional" packages should be noted:

Analyst/peer reviewer initials and dates are not present on the electronic data files. Presently, all initials and dates are present on the original raw data. These hard copies are temporarily stored in the laboratory. An electronic signature page inserted after the case narrative of each electronic package will indicate the analyst, reviewer, and report specialist names associated with the generation of the data and package. The data validator will always sign and date the case narrative. Data that are not generated electronically, such as hand written pages, will be scanned and inserted into the electronic package.

Nonconformance (NCR) Documentation
The following NCR was generated for this SDG: 342956

Manual Integration
Certain standards and samples may have required manual integration to correctly position the baseline as set in the calibration standard injections. If manual integration was performed, copies of all manual integration peak profiles are included in the raw data section and stored in the laboratory.

Additional Comments
The additional comments field is used to address special issues associated with each analysis, clarify method/contractual issues pertaining to the analysis, and to list any report documents generated as a result of sample analysis or review. The following additional comments were required:

The front column has been chosen as the primary column. The data are reported from the front column for all field samples in this batch.

Due to software limitation, the Form VIIs will display the results either in the % difference or % drift depending on the type of the calibration curve. If the curve of all analytes is generated using an average response factor (RF), the Form VII will display results using the %difference calculation (RF). If the curve of one or more analytes is generated using a linear curve, the Form VII will display results using the % drift calculation (by concentration) for all analytes.

System Configuration

The Semi-Volatiles-PCB analysis was performed on a HP Gas Chromatograph.

Instrument ID	System Configuration	Column ID	Column Description
ECD8A.I_1	HP6890 Series ECD	Rtx-CLP I	30m x 0.25mm, 0.25um (Rtx-CLPesticide I)
ECD8A.I_2	HP6890 Series ECD	Rtx-CLP II	30m x 0.25mm, 0.20um (Rtx-CLPesticide II)

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Review Validation:

GEL requires all analytical data to be verified by a qualified data validator. In addition, all data designated for CLP or CLP-like packaging will receive a third level validation upon completion of the data package.

The following data validator verified the information presented in this case narrative:

Reviewer: Jimi Cao **Date:** 8/10/06

Roadmap for GCAL 167603 PCB

This roadmap was analyzed by Khoung Yib on 08-07-2006, 08:45.
This roadmap was reviewed by Dale Mori on 08-07-2006, 14:42.
This roadmap was packaged by Yvette Lampkin on 08-08-2006, 18:12.

Front Sample Column

exclude	manual	datafile	smpid	sampletype	injdate	injtime	sublist	clientid	dilution	prepbatchid	comment
☐	N	/chem/ecd8a.i/072506d.b/013f1301.d	167603001	sample	25-JUL-2006	19:55	167603.sub	20607200201	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/016f1601.d	167603002	sample	25-JUL-2006	21:14	167603.sub	20607200202	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/017f1701.d	167603003	sample	25-JUL-2006	21:40	167603.sub	20607200203	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/018f1801.d	167603004	sample	25-JUL-2006	22:06	167603.sub	20607200204	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/021f2101.d	167603005	sample	25-JUL-2006	23:24	167603.sub	20607200205	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/022f2201.d	167603006	sample	25-JUL-2006	23:50	167603.sub	20607200206	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/023f2301.d	167603007	sample	26-JUL-2006	00:16	167603.sub	20607200207	1.00000	550549	Upload both.Report front.

Back Sample Column

exclude	manual	datafile	smpid	sampletype	injdate	injtime	sublist	clientid	dilution	prepbatchid	comment
☐	N	/chem/ecd8a.i/072506d.b/013b1301.d	167603001	sample	25-JUL-2006	19:55	167603.sub	20607200201	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/016b1601.d	167603002	sample	25-JUL-2006	21:14	167603.sub	20607200202	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/017b1701.d	167603003	sample	25-JUL-2006	21:40	167603.sub	20607200203	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/018b1801.d	167603004	sample	25-JUL-2006	22:06	167603.sub	20607200204	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/021b2101.d	167603005	sample	25-JUL-2006	23:24	167603.sub	20607200205	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/022b2201.d	167603006	sample	25-JUL-2006	23:50	167603.sub	20607200206	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/023b2301.d	167603007	sample	26-JUL-2006	00:16	167603.sub	20607200207	1.00000	550549	Upload both.Report front.

Front QC Sample Column

exclude	manual	datafile	smpid	sampletype	injdate	injtime	sublist	clientid	dilution	prepbatchid	comment
☐	N	/chem/ecd8a.i/072506d.b/009f0901GCAL.d	1201141176	mb	25-JUL-2006	18:11	167603.sub	PBLK01	1.00000	550549	
☐	N	/chem/ecd8a.i/072506d.b/010f1001GCAL.d	1201141177	lcs	25-JUL-2006	18:37	167603.sub	PBLK01LCS	1.00000	550549	
☐	N	/chem/ecd8a.i/072506d.b/011f1101GCAL.d	1201142185	lcsd	25-JUL-2006	19:03	167603.sub	PBLK01LCSD	1.00000	550549	
☐	N	/chem/ecd8a.i/072506d.b/014f1401.d	1201141677	ms	25-JUL-2006	20:21	167603.sub	20607200201MS	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/015f1501.d	1201141678	msd	25-JUL-2006	20:48	167603.sub	20607200201MSD	1.00000	550549	Upload both.Report front.

Back QC Sample Column

exclude	manual	datafile	smpid	sampletype	injdate	injtime	sublist	clientid	dilution	prepbatchid	comment

☐	N	/chem/ecd8a.i/072506d.b/009b0901GCAL.d	1201141176	mb	25-JUL-2006	18:11	167603.sub	PBLK01	1.00000	550549	
☐	N	/chem/ecd8a.i/072506d.b/010b1001GCAL.d	1201141177	lcs	25-JUL-2006	18:37	167603.sub	PBLK01LCS	1.00000	550549	
☐	N	/chem/ecd8a.i/072506d.b/011b1101GCAL.d	1201142185	lcsd	25-JUL-2006	19:03	167603.sub	PBLK01LCSD	1.00000	550549	
☐	N	/chem/ecd8a.i/072506d.b/014b1401.d	1201141677	ms	25-JUL-2006	20:21	167603.sub	20607200201MS	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/015b1501.d	1201141678	msd	25-JUL-2006	20:48	167603.sub	20607200201MSD	1.00000	550549	Upload both.Report front.

QUALITY CONTROL SUMMARY

187512

PCB

Surrogate Recovery Report

SDG Number: 167603

Matrix: SOIL

CAP Column (1) : CLP1 **CAP Column (2) : DB-17MS**

Sample ID	Client ID	4CMX 1 %REC #	4CMX 2 %REC #
1201141176	MB for batch 550548	78	81
1201141177	LCS for batch 550548	70	73
1201142185	LCSD for batch 550549	73	76
167603001	20607200201	81	85
1201141677	20607200201(167603001)MS	74	76
1201141678	20607200201(167603001)MSD	74	79
167603002	20607200202	77	84
167603003	20607200203	69	74
167603004	20607200204	74	79
167603005	20607200205	60	67
167603006	20607200206	84	90
167603007	20607200207	75	82

Surrogate	Acceptance Limits
4CMX = 4cmx	(54%-125%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

PCB

Quality Control Summary
Spike Recovery Report

SDG Number:	167603	Sample Type:	Matrix Spike		
Client ID:	20607200201(167603001)MS	Matrix:	SOIL		
Lab Sample ID:	1201141677	%Moisture:	7.7		
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 20:21	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550548		
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg		Spike Conc. ug/kg	Recovery %	Acceptance Limits
39635-31-9	MS	2,3,3',4,4',5,5'-Heptachlorobi *Heptachlorobiphenyl (189)*	3.61	0.00	U	3.58	99	50-150
2051-24-3	MS	Decachlorobiphenyl	3.61	0.00	U	2.91	81	37-115
34883-43-7	MS	2,4'-Dichlorobiphenyl (8)	3.61	0.00	U	5.32	147 *	55-123
37680-65-2	MS	2,2',5-Trichlorobiphenyl (18)	3.61	0.00	U	3.13	87	42-127
7012-37-5	MS	2,4,4'-Trichlorobiphenyl (28)	3.61	0.00	U	3.48	96	64-124
35693-99-3	MS	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.61	0.302	J	4.11	105	58-134
41464-40-8	MS	2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.61	0.00	U	2.88	80	59-107
41464-39-5	MS	2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.61	0.00	U	3.66	101	70-128
32598-10-0	MS	2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.61	0.00	U	3.26	90	56-123
37680-73-2	MS	2,2',4,5,5'-Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.61	0.566		3.94	94	71-125
38380-02-8	MS	Pentachlorobiphenyl (87)	3.61	0.253	J	2.96	75	43-137
32598-13-3	MS	3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.61	0.00	U	3.79	105	47-142
65510-44-3	MS	2',3,4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.61	0.00	U	3.24	90	50-150
31508-00-6	MS	2,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.61	0.395		3.20	78	47-118
74472-37-0	MS	2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.61	0.00	U	3.15	87	50-150
74472-48-3	MS	2,2',3,4,4',6,6'-Heptachlorobi *Heptachlorobiphenyl (184)*	3.61	0.00	U	3.27	90	54-122
35065-27-1	MS	2,2',4,4',5,5'-Hexachloro *Hexachlorobiphenyl (153)*	3.61	0.00	U	3.75	104	52-125
32598-14-4	MS	2,3,3',4,4'-Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.61	0.00	U	3.06	85	51-115
35065-28-2	MS	2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.61	0.740		3.96	89	55-131
52663-69-1	MS	2,2',3,4,4',5',6-Heptachlorobi *Heptachlorobiphenyl (183)*	3.61	0.00	U	3.12	87	52-126
57465-28-8	MS	3,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.61	0.00	U	3.50	97	47-122
38380-07-3	MS	2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.61	0.236	J	3.09	79	48-115

PCB

Quality Control Summary
Spike Recovery Report

SDG Number:	167603	Sample Type:	Matrix Spike		
Client ID:	20607200201(167603001)MS	Matrix:	SOIL		
Lab Sample ID:	1201141677	%Moisture:	7.7		
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 20:21	Dilution:	
Analyst:	KXY1	Prep Batch ID:			
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg		Spike Conc. ug/kg	Recovery %	Acceptance Limits
52663–72–6	MS	2,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.61	0.00	U	3.55	98	50–150
38380–08–4	MS	2,3,3',4,4',5–Hexachlorobiphe *Hexachlorobiphenyl (156)*	3.61	0.00	U	3.48	96	58–132
69782–90–7	MS	2,3,3',4,4',5'–Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.61	0.00	U	3.51	97	50–150
35065–29–3	MS	2,2',3,4,4',5,5'–Heptachlorobip *Heptachlorobiphenyl (180)*	3.61	0.238	J	2.93	74	43–116
32774–16–6	MS	3,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.61	0.00	U	2.82	78	33–138
35065–30–6	MS	2,2',3,3',4,4',5–Heptachlorobip *Heptachlorobiphenyl (170)*	3.61	0.186	J	3.14	82	49–120
52663–68–0	MS	2,2',3,4',5,5',6–Heptachlorobip *Heptachlorobiphenyl (187)*	3.61	0.142	J	3.31	88	56–122
52663–78–2	MS	2,2',3,3',4,4',5,6–Octachlorobi *Octachlorobiphenyl (195)*	3.61	0.00	U	2.53	70	43–113
40186–72–9	MS	2,2',3,3',4,4',5,5',6–Nonachlor *Nonachlorobiphenyl (206)*	3.61	0.00	U	3.14	87	46–129

PCB

Quality Control Summary
Spike Recovery Report

SDG Number:	167603	Sample Type:	Matrix Spike Duplicate		
Client ID:	20607200201(167603001)MSD	Matrix:	SOIL		
Lab Sample ID:	1201141678	%Moisture:	7.7		
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 20:48	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550548		
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg		Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
39635-31-9	MSD	2,3,3',4,4',5,5'-Heptachlorobi *Heptachlorobiphenyl (189)*	3.61	0.00	U	3.49	97	50-150	2	0-30
2051-24-3	MSD	Decachlorobiphenyl	3.61	0.00	U	2.87	79	37-115	2	0-12
34883-43-7	MSD	2,4'-Dichlorobiphenyl (8)	3.61	0.00	U	13.9	384 *	55-123	89 *	0-22
37680-65-2	MSD	2,2',5-Trichlorobiphenyl (18)	3.61	0.00	U	20.0	554 *	42-127	146 *	0-14
7012-37-5	MSD	2,4,4'-Trichlorobiphenyl (28)	3.61	0.00	U	21.0	582 *	64-124	143 *	0-15
35693-99-3	MSD	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.61	0.302	J	9.22	247 *	58-134	77 *	0-15
41464-40-8	MSD	2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.61	0.00	U	6.24	173 *	59-107	74 *	0-15
41464-39-5	MSD	2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.61	0.00	U	8.85	245 *	70-128	83 *	0-16
32598-10-0	MSD	2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.61	0.00	U	7.93	220 *	56-123	84 *	0-23
37680-73-2	MSD	2,2',4,5,5'-Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.61	0.566		8.89	230 *	71-125	77 *	0-17
38380-02-8	MSD	Pentachlorobiphenyl (87)	3.61	0.253	J	4.35	114	43-137	38 *	0-18
32598-13-3	MSD	3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.61	0.00	U	4.08	113	47-142	7	0-22
65510-44-3	MSD	2',3,4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.61	0.00	U	3.45	96	50-150	6	0-30
31508-00-6	MSD	2,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.61	0.395		5.52	142 *	47-118	53 *	0-17
74472-37-0	MSD	2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.61	0.00	U	3.23	90	50-150	2	0-30
74472-48-3	MSD	2,2',3,4,4',6,6'-Heptachlorobi *Heptachlorobiphenyl (184)*	3.61	0.00	U	3.15	87	54-122	4	0-15
35065-27-1	MSD	2,2',4,4',5,5'-Hexachlorob *Hexachlorobiphenyl (153)*	3.61	0.00	U	5.98	166 *	52-125	46 *	0-16
32598-14-4	MSD	2,3,3',4,4'-Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.61	0.00	U	4.15	115	51-115	30 *	0-16
35065-28-2	MSD	2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.61	0.740		6.79	168 *	55-131	53 *	0-17
52663-69-1	MSD	2,2',3,4,4',5',6-Heptachlorobi *Heptachlorobiphenyl (183)*	3.61	0.00	U	3.16	87	52-126	1	0-19
57465-28-8	MSD	3,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.61	0.00	U	3.56	99	47-122	2	0-16
38380-07-3	MSD	2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.61	0.236	J	3.54	91	48-115	14	0-17

Quality Control Summary
Spike Recovery Report

SDG Number:	167603	Sample Type:	Matrix Spike Duplicate		
Client ID:	20607200201(167603001)MSD	Matrix:	SOIL		
Lab Sample ID:	1201141678	%Moisture:	7.7		
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 20:48	Dilution:	
Analyst:	KXY1	Prep Batch ID:			
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg		Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
52663–72–6	MSD	2,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.61	0.00	U	3.36	93	50–150	6	0–30
38380–08–4	MSD	2,3,3',4,4',5–Hexachlorobiphe *Hexachlorobiphenyl (156)*	3.61	0.00	U	3.74	104	58–132	7	0–17
69782–90–7	MSD	2,3,3',4,4',5'–Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.61	0.00	U	3.53	98	50–150	0	0–30
35065–29–3	MSD	2,2',3,4,4',5,5'–Heptachlorobip *Heptachlorobiphenyl (180)*	3.61	0.238	J	3.42	88	43–116	15	0–18
32774–16–6	MSD	3,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.61	0.00	U	2.72	75	33–138	4	0–16
35065–30–6	MSD	2,2',3,3',4,4',5–Heptachlorobip *Heptachlorobiphenyl (170)*	3.61	0.186	J	3.51	92	49–120	11	0–16
52663–68–0	MSD	2,2',3,4',5,5',6–Heptachlorobip *Heptachlorobiphenyl (187)*	3.61	0.142	J	3.47	92	56–122	5	0–18
52663–78–2	MSD	2,2',3,3',4,4',5,6–Octachlorobi *Octachlorobiphenyl (195)*	3.61	0.00	U	2.50	69	43–113	1	0–17
40186–72–9	MSD	2,2',3,3',4,4',5,5',6–Nonachlor *Nonachlorobiphenyl (206)*	3.61	0.00	U	3.04	84	46–129	3	0–19

PCB

Quality Control Summary
Spike Recovery Report

SDG Number:	167603	Sample Type:	Laboratory Control Sample		
Client ID:	LCS for batch 550548	Matrix:	SOIL		
Lab Sample ID:	1201141177				
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 18:37	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550548		
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits
39635-31-9	LCS	2,3,3',4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (189)*	3.33	0.0	3.42	103	70-130
2051-24-3	LCS	Decachlorobiphenyl	3.33	0.0	2.86	86	57-116
34883-43-7	LCS	2,4'-Dichlorobiphenyl (8)	3.33	0.0	3.69	111	51-138
37680-65-2	LCS	2,2',5-Trichlorobiphenyl (18)	3.33	0.0	2.97	89	68-103
7012-37-5	LCS	2,4,4'-Trichlorobiphenyl (28)	3.33	0.0	3.16	95	68-122
35693-99-3	LCS	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.33	0.0	3.52	106	62-132
41464-40-8	LCS	2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.33	0.0	2.72	82	70-109
41464-39-5	LCS	2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.33	0.0	3.32	100	67-125
32598-10-0	LCS	2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.33	0.0	2.87	86	62-110
37680-73-2	LCS	2,2',4,5,5'-Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.33	0.0	3.46	104	59-144
38380-02-8	LCS	Pentachlorobiphenyl (87)	3.33	0.0	2.74	82	62-105
32598-13-3	LCS	3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.33	0.0	3.28	98	69-122
65510-44-3	LCS	2',3,4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.33	0.0	3.11	93	70-130
31508-00-6	LCS	2,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.33	0.0	2.86	86	63-104
74472-37-0	LCS	2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.33	0.0	2.86	86	70-130
74472-48-3	LCS	2,2',3,4,4',6,6'-Heptachlorobip *Heptachlorobiphenyl (184)*	3.33	0.0	3.09	93	67-112
35065-27-1	LCS	2,2',4,4',5,5'-Hexachlorob *Hexachlorobiphenyl (153)*	3.33	0.0	3.06	92	66-112
32598-14-4	LCS	2,3,3',4,4'-Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.33	0.0	2.84	85	65-105
35065-28-2	LCS	2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.33	0.0	3.17	95	64-116
52663-69-1	LCS	2,2',3,4,4',5',6-Heptachlorobip *Heptachlorobiphenyl (183)*	3.33	0.0	2.75	83	68-117
57465-28-8	LCS	3,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.33	0.0	3.20	96	63-117
38380-07-3	LCS	2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.33	0.0	2.87	86	69-105

PCB

Quality Control Summary
Spike Recovery Report

SDG Number:	167603	Sample Type:	Laboratory Control Sample	
Client ID:	LCS for batch 550548	Matrix:	SOIL	
Lab Sample ID:	1201141177			
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 18:37	Dilution:
Analyst:	KXY1	Prep Batch ID:		
Inj. Vol:	1 uL	Batch ID:	550549	

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits
52663–72–6	LCS	2,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.33	0.0	3.04	91	70–130
38380–08–4	LCS	2,3,3',4,4',5–Hexachlorobiphei *Hexachlorobiphenyl (156)*	3.33	0.0	3.20	96	65–125
69782–90–7	LCS	2,3,3',4,4',5'–Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.33	0.0	3.29	99	70–130
35065–29–3	LCS	2,2',3,4,4',5,5'–Heptachlorobip *Heptachlorobiphenyl (180)*	3.33	0.0	2.70	81	72–105
32774–16–6	LCS	3,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.33	0.0	2.83	85	66–128
35065–30–6	LCS	2,2',3,3',4,4',5–Heptachlorobip *Heptachlorobiphenyl (170)*	3.33	0.0	2.94	88	67–111
52663–68–0	LCS	2,2',3,4',5,5',6–Heptachlorobip *Heptachlorobiphenyl (187)*	3.33	0.0	3.03	91	67–115
52663–78–2	LCS	2,2',3,3',4,4',5,6–Octachlorobi *Octachlorobiphenyl (195)*	3.33	0.0	2.83	85	69–113
40186–72–9	LCS	2,2',3,3',4,4',5,5',6–Nonachlor *Nonachlorobiphenyl (206)*	3.33	0.0	3.16	95	64–133

Quality Control Summary
Spike Recovery Report

SDG Number:	167603	Sample Type:	Laboratory Control Sample Duplicate		
Client ID:	LCSD for batch 550549	Matrix:	SOIL		
Lab Sample ID:	1201142185				
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 19:03	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550548		
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No	Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
39635-31-9	LCSD 2,3,3',4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (189)*	3.33	0.0	3.74	112	70-130	9	0-25
2051-24-3	LCSD Decachlorobiphenyl	3.33	0.0	3.09	93	57-116	8	0-25
34883-43-7	LCSD 2,4'-Dichlorobiphenyl (8)	3.33	0.0	3.76	113	51-138	2	0-25
37680-65-2	LCSD 2,2',5-Trichlorobiphenyl (18)	3.33	0.0	3.04	91	68-103	3	0-25
7012-37-5	LCSD 2,4,4'-Trichlorobiphenyl (28)	3.33	0.0	3.24	97	68-122	3	0-25
35693-99-3	LCSD 2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.33	0.0	3.67	110	62-132	4	0-25
41464-40-8	LCSD 2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.33	0.0	2.78	83	70-109	2	0-25
41464-39-5	LCSD 2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.33	0.0	3.45	104	67-125	4	0-25
32598-10-0	LCSD 2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.33	0.0	2.99	90	62-110	4	0-25
37680-73-2	LCSD 2,2',4,5,5'-Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.33	0.0	3.58	107	59-144	3	0-25
38380-02-8	LCSD Pentachlorobiphenyl (87)	3.33	0.0	2.86	86	62-105	4	0-25
32598-13-3	LCSD 3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.33	0.0	3.42	103	69-122	4	0-25
65510-44-3	LCSD 2',3,4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.33	0.0	3.27	98	70-130	5	0-25
31508-00-6	LCSD 2,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.33	0.0	3.01	90	63-104	5	0-25
74472-37-0	LCSD 2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.33	0.0	3.02	91	70-130	6	0-25
74472-48-3	LCSD 2,2',3,4,4',6,6'-Heptachlorobip *Heptachlorobiphenyl (184)*	3.33	0.0	3.29	99	67-112	6	0-25
35065-27-1	LCSD 2,2',4,4',5,5'-Hexachlorob *Hexachlorobiphenyl (153)*	3.33	0.0	3.23	97	66-112	5	0-25
32598-14-4	LCSD 2,3,3',4,4'-Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.33	0.0	3.07	92	65-105	8	0-25
35065-28-2	LCSD 2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.33	0.0	3.42	103	64-116	8	0-25
52663-69-1	LCSD 2,2',3,4,4',5',6-Heptachlorobip *Heptachlorobiphenyl (183)*	3.33	0.0	2.98	89	68-117	8	0-25
57465-28-8	LCSD 3,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.33	0.0	3.41	102	63-117	6	0-25
38380-07-3	LCSD 2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.33	0.0	3.15	95	69-105	9	0-25

PCB

Quality Control Summary
Spike Recovery Report

SDG Number:	167603	Sample Type:	Laboratory Control Sample Duplicate		
Client ID:	LCSD for batch 550549	Matrix:	SOIL		
Lab Sample ID:	1201142185				
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 19:03	Dilution:	
Analyst:	KXY1	Prep Batch ID:			
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No	Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
52663–72–6	LCSD 2,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.33	0.0	3.35	101	70–130	10	0–25
38380–08–4	LCSD 2,3,3',4,4',5–Hexachlorobiphe *Hexachlorobiphenyl (156)*	3.33	0.0	3.53	106	65–125	10	0–25
69782–90–7	LCSD 2,3,3',4,4',5'–Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.33	0.0	3.64	109	70–130	10	0–25
35065–29–3	LCSD 2,2',3,4,4',5,5'–Heptachlorobip *Heptachlorobiphenyl (180)*	3.33	0.0	3.00	90	72–105	11	0–25
32774–16–6	LCSD 3,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.33	0.0	3.07	92	66–128	8	0–25
35065–30–6	LCSD 2,2',3,3',4,4',5–Heptachlorobip *Heptachlorobiphenyl (170)*	3.33	0.0	3.21	96	67–111	9	0–25
52663–68–0	LCSD 2,2',3,4',5,5',6–Heptachlorobip *Heptachlorobiphenyl (187)*	3.33	0.0	3.28	99	67–115	8	0–25
52663–78–2	LCSD 2,2',3,3',4,4',5,6–Octachlorobi *Octachlorobiphenyl (195)*	3.33	0.0	3.10	93	69–113	9	0–25
40186–72–9	LCSD 2,2',3,3',4,4',5,5',6–Nonachlor *Nonachlorobiphenyl (206)*	3.33	0.0	3.43	103	64–133	8	0–25

Method Blank Summary

SDG Number:	167603	Client:	GCAL001	Matrix:	SOIL
Client ID:	MB for batch 550548	Instrument ID:	ECD8A.I_1 ECD8A.I_2	Data File:	009f0901.d 009b0901.d
Lab Sample ID:	1201141176	Prep Date:	07/24/2006 10:00	Analyzed:	07/25/06 18:11

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	LCS for batch 550548	1201141177	010b1001.d 010f1001.d	07/25/06	1837
02	LCSD for batch 550549	1201142185	011b1101.d 011f1101.d	07/25/06	1903
03	20607200201	167603001	013b1301.d 013f1301.d	07/25/06	1955
04	20607200201(167603001)MS	1201141677	014b1401.d 014f1401.d	07/25/06	2021
05	20607200201(167603001)MSD	1201141678	015b1501.d 015f1501.d	07/25/06	2048
06	20607200202	167603002	016b1601.d 016f1601.d	07/25/06	2114
07	20607200203	167603003	017b1701.d 017f1701.d	07/25/06	2140
08	20607200204	167603004	018b1801.d 018f1801.d	07/25/06	2206
09	20607200205	167603005	021b2101.d 021f2101.d	07/25/06	2324
10	20607200206	167603006	022b2201.d 022f2201.d	07/25/06	2350
11	20607200207	167603007	023b2301.d 023f2301.d	07/26/06	0016

SAMPLE
DATA

187523

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 14:00	Matrix:	SOIL
Lab Sample ID:	167603001	Date Received:	07/21/2006 09:30	%Moisture:	7.7
Client Sample:	SI7SB76-151-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200201	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 19:55	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.361	ug/kg	0.209	0.361
2051-24-3	Decachlorobiphenyl	U	0.361	ug/kg	0.361	0.361
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.361	ug/kg	0.253	0.361
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.361	ug/kg	0.301	0.361
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.361	ug/kg	0.224	0.361
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	J	0.302	ug/kg	0.203	0.361
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.361	ug/kg	0.148	0.361
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.361	ug/kg	0.129	0.361
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.361	ug/kg	0.160	0.361
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		0.566	ug/kg	0.189	0.361
38380-02-8	Pentachlorobiphenyl (87)	J	0.253	ug/kg	0.239	0.361
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.361	ug/kg	0.324	0.361
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.361	ug/kg	0.142	0.361
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		0.395	ug/kg	0.287	0.361
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.361	ug/kg	0.207	0.361
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.361	ug/kg	0.121	0.361
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.361	ug/kg	0.127	0.361
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.361	ug/kg	0.174	0.361
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		0.740	ug/kg	0.264	0.361
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.361	ug/kg	0.134	0.361
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.361	ug/kg	0.200	0.361

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 14:00	Matrix:	SOIL
Lab Sample ID:	167603001	Date Received:	07/21/2006 09:30	%Moisture:	7.7
Client Sample:	SI7SB76-151-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200201	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 19:55	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	J	0.236	ug/kg	0.174	0.361
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.361	ug/kg	0.126	0.361
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.361	ug/kg	0.134	0.361
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.361	ug/kg	0.234	0.361
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	J	0.238	ug/kg	0.117	0.361
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.361	ug/kg	0.237	0.361
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	J	0.186	ug/kg	0.110	0.361
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	J	0.142	ug/kg	0.104	0.361
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.361	ug/kg	0.114	0.361
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.361	ug/kg	0.115	0.361

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/17/2006 16:05	Matrix:	SOIL
Lab Sample ID:	167603002	Date Received:	07/21/2006 09:30	%Moisture:	15.8
Client Sample:	SK2SB86-171-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200202	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 21:14	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.396	ug/kg	0.230	0.396
2051-24-3	Decachlorobiphenyl	U	0.396	ug/kg	0.396	0.396
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.396	ug/kg	0.277	0.396
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.396	ug/kg	0.330	0.396
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.396	ug/kg	0.245	0.396
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.396	ug/kg	0.223	0.396
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.396	ug/kg	0.163	0.396
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.396	ug/kg	0.141	0.396
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.396	ug/kg	0.175	0.396
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.396	ug/kg	0.207	0.396
38380-02-8	Pentachlorobiphenyl (87)	U	0.396	ug/kg	0.262	0.396
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.396	ug/kg	0.355	0.396
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12: *Pentachlorobiphenyl (123)*	U	0.396	ug/kg	0.155	0.396
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.396	ug/kg	0.315	0.396
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.396	ug/kg	0.226	0.396
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.396	ug/kg	0.133	0.396
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.396	ug/kg	0.139	0.396
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10: *Pentachlorobiphenyl (105)*	U	0.396	ug/kg	0.191	0.396
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (138)*	U	0.396	ug/kg	0.289	0.396
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.396	ug/kg	0.147	0.396
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.396	ug/kg	0.220	0.396

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/17/2006 16:05	Matrix:	SOIL
Lab Sample ID:	167603002	Date Received:	07/21/2006 09:30	%Moisture:	15.8
Client Sample:	SK2SB86-171-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200202	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 21:14	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.396	ug/kg	0.191	0.396
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.396	ug/kg	0.138	0.396
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.396	ug/kg	0.147	0.396
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.396	ug/kg	0.256	0.396
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.396	ug/kg	0.129	0.396
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.396	ug/kg	0.260	0.396
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.396	ug/kg	0.120	0.396
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.396	ug/kg	0.114	0.396
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphen *Octachlorobiphenyl (195)*	U	0.396	ug/kg	0.125	0.396
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.396	ug/kg	0.126	0.396

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 09:40	Matrix:	SOIL
Lab Sample ID:	167603003	Date Received:	07/21/2006 09:30	%Moisture:	15.6
Client Sample:	SL5SB96-191-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200203	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 21:40	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobiphenyl *Heptachlorobiphenyl (189)*	U	0.395	ug/kg	0.229	0.395
2051-24-3	Decachlorobiphenyl	U	0.395	ug/kg	0.395	0.395
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.395	ug/kg	0.276	0.395
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.395	ug/kg	0.329	0.395
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.395	ug/kg	0.245	0.395
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	J	0.289	ug/kg	0.222	0.395
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.395	ug/kg	0.162	0.395
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.395	ug/kg	0.141	0.395
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.395	ug/kg	0.175	0.395
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		0.511	ug/kg	0.207	0.395
38380-02-8	Pentachlorobiphenyl (87)	U	0.395	ug/kg	0.261	0.395
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.395	ug/kg	0.354	0.395
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.395	ug/kg	0.155	0.395
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		0.420	ug/kg	0.314	0.395
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.395	ug/kg	0.226	0.395
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobiphenyl *Heptachlorobiphenyl (184)*	U	0.395	ug/kg	0.132	0.395
35065-27-1	2,2',4,4',5,5'-Hexachlorobiphen *Hexachlorobiphenyl (153)*	P	0.738	ug/kg	0.139	0.395
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.395	ug/kg	0.190	0.395
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		1.05	ug/kg	0.288	0.395
52663-69-1	2,2',3,4,4',5',6-Heptachlorobiphenyl *Heptachlorobiphenyl (183)*	U	0.395	ug/kg	0.146	0.395
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.395	ug/kg	0.219	0.395

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 09:40	Matrix:	SOIL
Lab Sample ID:	167603003	Date Received:	07/21/2006 09:30	%Moisture:	15.6
Client Sample:	SL5SB96-191-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200203	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 21:40	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	J	0.230	ug/kg	0.190	0.395
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.395	ug/kg	0.138	0.395
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.395	ug/kg	0.147	0.395
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.395	ug/kg	0.255	0.395
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	J	0.245	ug/kg	0.128	0.395
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.395	ug/kg	0.259	0.395
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	J	0.168	ug/kg	0.120	0.395
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	J	0.157	ug/kg	0.114	0.395
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.395	ug/kg	0.124	0.395
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.395	ug/kg	0.126	0.395

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 13:00	Matrix:	SOIL
Lab Sample ID:	167603004	Date Received:	07/21/2006 09:30	%Moisture:	13
Client Sample:	SK7SB91-181-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200204	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 22:06	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.383	ug/kg	0.222	0.383
2051-24-3	Decachlorobiphenyl	U	0.383	ug/kg	0.383	0.383
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.383	ug/kg	0.268	0.383
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.383	ug/kg	0.319	0.383
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.383	ug/kg	0.238	0.383
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.383	ug/kg	0.215	0.383
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.383	ug/kg	0.158	0.383
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.383	ug/kg	0.136	0.383
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.383	ug/kg	0.169	0.383
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.383	ug/kg	0.201	0.383
38380-02-8	Pentachlorobiphenyl (87)	U	0.383	ug/kg	0.254	0.383
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.383	ug/kg	0.343	0.383
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.383	ug/kg	0.150	0.383
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.383	ug/kg	0.305	0.383
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.383	ug/kg	0.219	0.383
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.383	ug/kg	0.128	0.383
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	J	0.354	ug/kg	0.135	0.383
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.383	ug/kg	0.185	0.383
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.383	ug/kg	0.280	0.383
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.383	ug/kg	0.142	0.383
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.383	ug/kg	0.213	0.383

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 13:00	Matrix:	SOIL
Lab Sample ID:	167603004	Date Received:	07/21/2006 09:30	%Moisture:	13
Client Sample:	SK7SB91-181-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200204	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 22:06	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.383	ug/kg	0.185	0.383
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.383	ug/kg	0.134	0.383
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.383	ug/kg	0.143	0.383
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.383	ug/kg	0.248	0.383
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	J	0.300	ug/kg	0.125	0.383
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.383	ug/kg	0.252	0.383
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	J	0.136	ug/kg	0.117	0.383
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	J	0.318	ug/kg	0.110	0.383
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.383	ug/kg	0.121	0.383
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.383	ug/kg	0.122	0.383

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 09:25	Matrix:	SOIL
Lab Sample ID:	167603005	Date Received:	07/21/2006 09:30	%Moisture:	14.3
Client Sample:	SL8SB99-198-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200205	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 23:24	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.389	ug/kg	0.226	0.389
2051-24-3	Decachlorobiphenyl	U	0.389	ug/kg	0.389	0.389
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.389	ug/kg	0.272	0.389
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.389	ug/kg	0.324	0.389
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.389	ug/kg	0.241	0.389
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		0.417	ug/kg	0.219	0.389
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.389	ug/kg	0.160	0.389
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.389	ug/kg	0.139	0.389
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.389	ug/kg	0.172	0.389
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	J	0.358	ug/kg	0.204	0.389
38380-02-8	Pentachlorobiphenyl (87)	U	0.389	ug/kg	0.258	0.389
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.389	ug/kg	0.349	0.389
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.389	ug/kg	0.153	0.389
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.389	ug/kg	0.310	0.389
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.389	ug/kg	0.223	0.389
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.389	ug/kg	0.130	0.389
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	P	0.408	ug/kg	0.137	0.389
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.389	ug/kg	0.188	0.389
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	J	0.317	ug/kg	0.284	0.389
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.389	ug/kg	0.144	0.389
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.389	ug/kg	0.216	0.389

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 09:25	Matrix:	SOIL
Lab Sample ID:	167603005	Date Received:	07/21/2006 09:30	%Moisture:	14.3
Client Sample:	SL8SB99-198-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200205	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 23:24	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.389	ug/kg	0.188	0.389
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.389	ug/kg	0.136	0.389
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.389	ug/kg	0.145	0.389
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.389	ug/kg	0.252	0.389
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	J	0.193	ug/kg	0.126	0.389
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.389	ug/kg	0.256	0.389
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.389	ug/kg	0.118	0.389
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	J	0.135	ug/kg	0.112	0.389
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphen *Octachlorobiphenyl (195)*	U	0.389	ug/kg	0.123	0.389
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.389	ug/kg	0.124	0.389

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/17/2006 16:20	Matrix:	SOIL
Lab Sample ID:	167603006	Date Received:	07/21/2006 09:30	%Moisture:	23.6
Client Sample:	ND3SB05-010-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200206	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 23:50	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.437	ug/kg	0.253	0.437
2051-24-3	Decachlorobiphenyl	U	0.437	ug/kg	0.437	0.437
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.437	ug/kg	0.306	0.437
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.437	ug/kg	0.364	0.437
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.437	ug/kg	0.271	0.437
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.437	ug/kg	0.245	0.437
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.437	ug/kg	0.179	0.437
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.437	ug/kg	0.155	0.437
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.437	ug/kg	0.193	0.437
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.437	ug/kg	0.229	0.437
38380-02-8	Pentachlorobiphenyl (87)	U	0.437	ug/kg	0.289	0.437
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.437	ug/kg	0.391	0.437
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.437	ug/kg	0.171	0.437
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.437	ug/kg	0.348	0.437
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.437	ug/kg	0.250	0.437
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.437	ug/kg	0.146	0.437
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.437	ug/kg	0.153	0.437
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.437	ug/kg	0.210	0.437
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.437	ug/kg	0.319	0.437
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.437	ug/kg	0.162	0.437
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.437	ug/kg	0.242	0.437

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603**	**Date Collected:**	**07/17/2006 16:20**	**Matrix:**	**SOIL**
Lab Sample ID:	**167603006**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**23.6**
Client Sample:	**ND3SB05-010-(1-2)**	**Client:**	**GCAL001**	**Project:**	**GCAL00106**
Client ID:	**20607200206**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/25/2006 23:50**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.437	ug/kg	0.210	0.437
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.437	ug/kg	0.152	0.437
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.437	ug/kg	0.162	0.437
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.437	ug/kg	0.282	0.437
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.437	ug/kg	0.142	0.437
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.437	ug/kg	0.287	0.437
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.437	ug/kg	0.133	0.437
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.437	ug/kg	0.126	0.437
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphenyl *Octachlorobiphenyl (195)*	U	0.437	ug/kg	0.138	0.437
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.437	ug/kg	0.139	0.437

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 12:02	Matrix:	SOIL
Lab Sample ID:	167603007	Date Received:	07/21/2006 09:30	%Moisture:	15.9
Client Sample:	SJ5SB81-161-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200207	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 00:16	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.397	ug/kg	0.230	0.397
2051-24-3	Decachlorobiphenyl	U	0.397	ug/kg	0.397	0.397
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.397	ug/kg	0.278	0.397
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.397	ug/kg	0.330	0.397
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.397	ug/kg	0.246	0.397
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		0.810	ug/kg	0.223	0.397
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.397	ug/kg	0.163	0.397
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		0.401	ug/kg	0.141	0.397
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.397	ug/kg	0.175	0.397
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		1.24	ug/kg	0.208	0.397
38380-02-8	Pentachlorobiphenyl (87)		0.675	ug/kg	0.262	0.397
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.397	ug/kg	0.355	0.397
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.397	ug/kg	0.155	0.397
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		0.827	ug/kg	0.316	0.397
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.397	ug/kg	0.227	0.397
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.397	ug/kg	0.133	0.397
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	P	1.37	ug/kg	0.139	0.397
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	JP	0.341	ug/kg	0.191	0.397
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		1.49	ug/kg	0.289	0.397
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.397	ug/kg	0.147	0.397
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.397	ug/kg	0.220	0.397

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 12:02	Matrix:	SOIL
Lab Sample ID:	167603007	Date Received:	07/21/2006 09:30	%Moisture:	15.9
Client Sample:	SJ5SB81-161-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607200207	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 00:16	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	J	0.360	ug/kg	0.191	0.397
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.397	ug/kg	0.138	0.397
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	J	0.159	ug/kg	0.147	0.397
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.397	ug/kg	0.257	0.397
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	J	0.291	ug/kg	0.129	0.397
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.397	ug/kg	0.261	0.397
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	J	0.231	ug/kg	0.121	0.397
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	J	0.218	ug/kg	0.114	0.397
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.397	ug/kg	0.125	0.397
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.397	ug/kg	0.126	0.397

STANDARDS DATA

000056

187538

Report Date: 02-Aug-2006 12:06

Calibration History

Method : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Start Cal Date: 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 10.00000		
06-JUL-2006 11:52	AR1660	/chem/ecd8a.i/070606c.b/009f0901.d
25-JUL-2006 15:07	CONG1	/chem/ecd8a.i/072506d.b/002f0201.d
Cal Level: 2 , Cal Amount: 50.00000		
06-JUL-2006 12:18	AR1660	/chem/ecd8a.i/070606c.b/010f1001.d
25-JUL-2006 15:33	CONG1	/chem/ecd8a.i/072506d.b/003f0301.d
Cal Level: 3 , Cal Amount: 100.00000		
06-JUL-2006 12:44	AR1660	/chem/ecd8a.i/070606c.b/011f1101.d
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004f0401.d
Cal Level: 4 , Cal Amount: 250.00000		
28-JUN-2006 22:37	AR1221	/chem/ecd8a.i/062806c.b/018f1801.d
28-JUN-2006 22:11	AR1232	/chem/ecd8a.i/062806c.b/017f1701.d
28-JUN-2006 21:45	AR1248	/chem/ecd8a.i/062806c.b/016f1601.d
06-JUL-2006 10:08	AR1242	/chem/ecd8a.i/070606c.b/005f0501.d
06-JUL-2006 09:42	AR1254	/chem/ecd8a.i/070606c.b/004f0401.d
06-JUL-2006 13:10	AR1660	/chem/ecd8a.i/070606c.b/012f1201.d
25-JUL-2006 16:26	CONG1	/chem/ecd8a.i/072506d.b/005f0501.d
Cal Level: 5 , Cal Amount: 500.00000		
06-JUL-2006 13:36	AR1660	/chem/ecd8a.i/070606c.b/013f1301.d
25-JUL-2006 16:52	CONG1	/chem/ecd8a.i/072506d.b/006f0601.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 3

Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 06:47	CONG1	/chem/ecd8a.i/072506d.b/038f3801.d
Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 03:44	CONG1	/chem/ecd8a.i/072506d.b/031f3101.d
Ccal Level: 3 , Ccal Amount: 100		

25-JUL-2006 22:32	CONG1	/chem/ecd8a.i/072506d.b/019f1901.d
Ccal Level: 3 , Ccal Amount: 100		
25-JUL-2006 17:18	CONG1	/chem/ecd8a.i/072506d.b/007f0701.d
Ccal Level: 3 , Ccal Amount: 100		
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004f0401.d

Report Date: 02-Aug-2006 12:06

Calibration History

Method : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Start Cal Date: 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 10.00000		
06-JUL-2006 11:52	AR1660	/chem/ecd8a.i/070606c.b/009b0901.d
25-JUL-2006 15:07	CONG1	/chem/ecd8a.i/072506d.b/002b0201.d
Cal Level: 2 , Cal Amount: 50.00000		
06-JUL-2006 12:18	AR1660	/chem/ecd8a.i/070606c.b/010b1001.d
25-JUL-2006 15:33	CONG1	/chem/ecd8a.i/072506d.b/003b0301.d
Cal Level: 3 , Cal Amount: 100.00000		
06-JUL-2006 12:44	AR1660	/chem/ecd8a.i/070606c.b/011b1101.d
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004b0401.d
Cal Level: 4 , Cal Amount: 250.00000		
28-JUN-2006 22:37	AR1221	/chem/ecd8a.i/062806c.b/018b1801.d
28-JUN-2006 22:11	AR1232	/chem/ecd8a.i/062806c.b/017b1701.d
28-JUN-2006 21:45	AR1248	/chem/ecd8a.i/062806c.b/016b1601.d
06-JUL-2006 10:08	AR1242	/chem/ecd8a.i/070606c.b/005b0501.d
06-JUL-2006 09:42	AR1254	/chem/ecd8a.i/070606c.b/004b0401.d
06-JUL-2006 13:10	AR1660	/chem/ecd8a.i/070606c.b/012b1201.d
25-JUL-2006 16:26	CONG1	/chem/ecd8a.i/072506d.b/005b0501.d
Cal Level: 5 , Cal Amount: 500.00000		
06-JUL-2006 13:36	AR1660	/chem/ecd8a.i/070606c.b/013b1301.d
25-JUL-2006 16:52	CONG1	/chem/ecd8a.i/072506d.b/006b0601.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 3

Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 06:47	CONG1	/chem/ecd8a.i/072506d.b/038b3801.d
Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 03:44	CONG1	/chem/ecd8a.i/072506d.b/031b3101.d
Ccal Level: 3 , Ccal Amount: 100		
25-JUL-2006 22:32	CONG1	/chem/ecd8a.i/072506d.b/019b1901.d
Ccal Level: 3 , Ccal Amount: 100		

25-JUL-2006 17:18	CONG1	/chem/ecd8a.i/072506d.b/007b0701.d
Ccal Level: 3 , Ccal Amount: 100		
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004b0401.d

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Quant Method : ESTD Target Version : 3.50
Last Update : 29-Jul-2006 14:31 Number of Cpnds : 42
Data Type : GC MULTI COMP

Global Integrator : Falcon

Chromat Events	Values
Initial:Start Threshold	50.000000
Initial:End Threshold	100.000000
Initial:Area Threshold	5000.000000
Initial:P-P Resolution	1.000000
Initial:Bunch Factor	8.000000
Initial:Negative Peaks	OFF
Initial:Tension	1.100000

Compound	RT	RT Window	RF
2 Aroclor-1221	3.619	3.599-3.639	2.620e+03
	3.853	3.833-3.873	1.328e+03
	3.918	3.898-3.938	6.227e+03
$ 10 4cmx	3.318	3.298-3.338	2.811e+05
3 Aroclor-1232	3.919	3.899-3.939	5.168e+03
	4.508	4.488-4.528	4.116e+03
	5.494	5.474-5.514	3.261e+03
	5.598	5.578-5.618	1.978e+03
	6.898	6.878-6.918	2.202e+03
66 2,4'-Dichlorobiphenyl (8)	3.927	3.907-3.947	4.914e+04
67 2,2',5-Trichlorobiphenyl (	4.505	4.485-4.525	5.939e+04
4 Aroclor-1242	4.508	4.488-4.528	8.295e+03
	5.494	5.474-5.514	6.265e+03
	5.598	5.578-5.618	3.710e+03
	6.750	6.730-6.770	2.584e+03
	6.899	6.879-6.919	4.649e+03
1 Aroclor-1016	5.494	5.474-5.514	8.471e+03
	5.596	5.576-5.616	4.906e+03
	5.825	5.805-5.845	4.983e+03
	5.859	5.839-5.879	5.041e+03
	6.186	6.166-6.206	6.514e+03
68 2,4,4'-Trichlorobiphenyl (	5.285	5.265-5.305	1.419e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m

Compound	RT	RT Window	RF
5 Aroclor-1248	5.824	5.804-5.844	5.501e+03
	6.185	6.165-6.205	6.916e+03
	6.749	6.729-6.769	3.991e+03
	6.897	6.877-6.917	7.852e+03
	7.278	7.258-7.298	6.438e+03
69 Tetrachlorobiphenyl (52)	5.830	5.810-5.850	9.518e+04
70 Tetrachlorobiphenyl (49)	5.864	5.844-5.884	1.387e+05
71 Tetrachlorobiphenyl (44)	6.190	6.170-6.210	1.358e+05
6 Aroclor-1254	6.828	6.808-6.848	8.739e+03
	7.285	7.265-7.305	1.156e+04
	8.050	8.030-8.070	1.468e+04
	8.652	8.632-8.672	1.080e+04
	9.086	9.066-9.106	1.082e+04
72 Tetrachlorobiphenyl (66)	6.945	6.925-6.965	1.510e+05
73 Pentachlorobiphenyl (101)	7.292	7.272-7.312	1.459e+05
74 Pentachlorobiphenyl (87)	7.809	7.789-7.829	1.951e+05
92 Tetrachlorobiphenyl (81)	7.940	7.920-7.960	1.189e+05
75 Tetrachlorobiphenyl (77)	8.240	8.220-8.260	8.483e+04
7 Aroclor-1260	8.450	8.430-8.470	1.336e+04
	10.068	10.048-10.088	1.014e+04
	10.703	10.683-10.723	1.068e+04
	11.596	11.576-11.616	2.289e+04
	12.405	12.385-12.425	1.258e+04
62 Pentachlorobiphenyl (123)	8.581	8.561-8.601	1.617e+05
76 Pentachlorobiphenyl (118)	8.659	8.639-8.679	1.662e+05
61 Pentachlorobiphenyl (114)	8.776	8.756-8.796	2.246e+05
78 Hexachlorobiphenyl (153)	9.100	9.080-9.120	1.715e+05
77 Heptachlorobiphenyl (184)	8.824	8.804-8.844	1.619e+05
79 Pentachlorobiphenyl (105)	9.276	9.256-9.296	2.130e+05
80 Hexachlorobiphenyl (138)	9.762	9.742-9.782	2.083e+05
83 Pentachlorobiphenyl (126)	10.220	10.200-10.240	1.006e+05
81 Heptachlorobiphenyl (187)	10.078	10.058-10.098	1.889e+05
82 Heptachlorobiphenyl (183)	10.197	10.177-10.217	2.321e+05
65 Hexachlorobiphenyl (167)	10.638	10.618-10.658	1.929e+05
84 Hexachlorobiphenyl (128)	10.478	10.458-10.498	2.405e+05
86 Hexachlorobiphenyl (156)	11.188	11.168-11.208	2.465e+05
63 Hexachlorobiphenyl (157)	11.369	11.349-11.389	2.273e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m

Compound	RT	RT Window	RF
8 Aroclor-1262	9.785	9.765-9.805	
	10.773	10.753-10.793	
	11.191	11.171-11.211	
	12.386	12.366-12.406	
	12.496	12.476-12.516	
87 Heptachlorobiphenyl (180)	11.605	11.585-11.625	2.466e+05
89 Hexachlorobiphenyl (169)	12.494	12.474-12.514	1.604e+05
88 Heptachlorobiphenyl (170)	12.414	12.394-12.434	2.493e+05
64 Heptachlorobiphenyl (189)	13.467	13.447-13.487	2.168e+05
90 Octachlorobiphenyl (195)	13.548	13.528-13.568	2.693e+05
91 Nonachlorobiphenyl (206)	15.418	15.398-15.438	2.096e+05
9 Aroclor-1268	12.493	12.473-12.513	
	12.578	12.558-12.598	
	13.034	13.014-13.054	
	13.961	13.941-13.981	
	14.751	14.731-14.771	
11 Decachlorobiphenyl	16.068	16.048-16.088	1.885e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Quant Method : ESTD Target Version : 3.50
Last Update : 29-Jul-2006 14:30 Number of Cpnds : 42
Data Type : GC MULTI COMP

Global Integrator : Falcon

Chromat Events	Values
Initial:Start Threshold	100.000000
Initial:End Threshold	200.000000
Initial:Area Threshold	10000.000000
Initial:P-P Resolution	1.000000
Initial:Bunch Factor	4.000000
Initial:Negative Peaks	OFF
Initial:Tension	1.000000

Compound	RT	RT Window	RF
2 Aroclor-1221	5.004	4.984-5.024	1.557e+03
	5.259	5.239-5.279	1.098e+03
	5.368	5.348-5.388	4.164e+03
$ 10 4cmx	4.442	4.422-4.462	2.122e+05
3 Aroclor-1232	6.543	6.523-6.563	1.018e+03
	7.182	7.162-7.202	2.181e+03
	7.374	7.354-7.394	1.317e+03
	7.601	7.581-7.621	1.092e+03
	8.150	8.130-8.170	1.607e+03
1 Aroclor-1016	7.182	7.162-7.202	6.989e+03
	7.375	7.355-7.395	4.200e+03
	7.601	7.581-7.621	4.282e+03
	7.681	7.661-7.701	4.459e+03
	8.151	8.131-8.171	5.587e+03
66 2,4'-Dichlorobiphenyl (8)	5.371	5.351-5.391	3.739e+04
4 Aroclor-1242	6.922	6.902-6.942	5.697e+03
	7.183	7.163-7.203	5.344e+03
	7.374	7.354-7.394	3.326e+03
	7.601	7.581-7.621	3.082e+03
	8.151	8.131-8.171	4.424e+03
67 2,2',5-Trichlorobiphenyl (	6.113	6.093-6.133	4.636e+04

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m

Compound	RT	RT Window	RF
5 Aroclor-1248	7.600	7.580-7.620	4.126e+03
	8.149	8.129-8.169	5.244e+03
	8.415	8.395-8.435	5.373e+03
	9.039	9.019-9.059	6.020e+03
	9.138	9.118-9.158	6.683e+03
68 2,4,4'-Trichlorobiphenyl (	6.949	6.929-6.969	1.026e+05
69 Tetrachlorobiphenyl (52)	7.603	7.583-7.623	7.036e+04
70 Tetrachlorobiphenyl (49)	7.683	7.663-7.703	8.890e+04
71 Tetrachlorobiphenyl (44)	8.151	8.131-8.171	9.433e+04
72 Tetrachlorobiphenyl (66)	9.145	9.125-9.165	1.115e+05
73 Pentachlorobiphenyl (101)	9.630	9.610-9.650	9.704e+04
6 Aroclor-1254	9.628	9.608-9.648	9.732e+03
	10.512	10.492-10.532	7.064e+03
	10.832	10.812-10.852	1.323e+04
	11.512	11.492-11.532	9.493e+03
	12.067	12.047-12.087	6.155e+03
92 Tetrachlorobiphenyl (81)	10.518	10.498-10.538	1.154e+05
74 Pentachlorobiphenyl (87)	10.517	10.497-10.537	1.154e+05
75 Tetrachlorobiphenyl (77)	10.917	10.897-10.937	6.623e+04
62 Pentachlorobiphenyl (123)	11.435	11.415-11.455	1.173e+05
76 Pentachlorobiphenyl (118)	11.513	11.493-11.533	1.202e+05
7 Aroclor-1260	11.403	11.383-11.423	1.050e+04
	12.067	12.047-12.087	1.256e+04
	13.467	13.447-13.487	8.113e+03
	14.416	14.396-14.436	8.666e+03
	15.336	15.316-15.356	1.818e+04
78 Hexachlorobiphenyl (153)	12.069	12.049-12.089	1.149e+05
77 Heptachlorobiphenyl (184)	11.964	11.944-11.984	1.264e+05
61 Pentachlorobiphenyl (114)	11.875	11.855-11.895	1.766e+05
8 Aroclor-1262	11.232	11.212-11.252	
	11.662	11.642-11.682	
	12.657	12.637-12.677	
	13.377	13.357-13.397	
	15.115	15.095-15.135	
79 Pentachlorobiphenyl (105)	12.533	12.513-12.553	1.573e+05
80 Hexachlorobiphenyl (138)	13.149	13.129-13.169	1.438e+05
81 Heptachlorobiphenyl (187)	13.471	13.451-13.491	1.241e+05
82 Heptachlorobiphenyl (183)	13.643	13.623-13.663	1.505e+05
83 Pentachlorobiphenyl (126)	13.531	13.511-13.551	7.976e+04
65 Hexachlorobiphenyl (167)	14.002	13.982-14.022	1.271e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m

Compound	RT	RT Window	RF
84 Hexachlorobiphenyl (128)	14.274	14.254-14.294	1.707e+05
86 Hexachlorobiphenyl (156)	14.920	14.900-14.940	1.782e+05
87 Heptachlorobiphenyl (180)	15.338	15.318-15.358	1.621e+05
63 Hexachlorobiphenyl (157)	15.193	15.173-15.213	1.555e+05
89 Hexachlorobiphenyl (169)	16.233	16.213-16.253	1.041e+05
88 Heptachlorobiphenyl (170)	16.594	16.574-16.614	1.756e+05
64 Heptachlorobiphenyl (189)	17.540	17.520-17.560	1.569e+05
9 Aroclor-1268	15.111	15.091-15.131	
	15.240	15.220-15.260	
	15.990	15.970-16.010	
	16.979	16.959-16.999	
	18.051	18.031-18.071	
90 Octachlorobiphenyl (195)	18.083	18.063-18.103	1.648e+05
91 Nonachlorobiphenyl (206)	19.998	19.978-20.018	1.282e+05
11 Decachlorobiphenyl	20.712	20.692-20.732	1.089e+05

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:31 kho01178

Calibration File Names:
Level 1: /chem/ecd8a.i/070606c.b/009f0901.d
Level 2: /chem/ecd8a.i/070606c.b/010f1001.d
Level 3: /chem/ecd8a.i/070606c.b/011f1101.d
Level 4: /chem/ecd8a.i/062806c.b/018f1801.d
Level 5: /chem/ecd8a.i/070606c.b/013f1301.d

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
2 Aroclor-1221(1)	+++++	+++++	+++++	2620	+++++	AVRG		2620		0.000e+00
(2)	+++++	+++++	+++++	1328	+++++	AVRG		1328		0.000e+00
(3)	+++++	+++++	+++++	6227	+++++	AVRG		6227		0.000e+00
3 Aroclor-1232(1)	+++++	+++++	+++++	5168	+++++	AVRG		5168		0.000e+00
(2)	+++++	+++++	+++++	4116	+++++	AVRG		4116		0.000e+00
(3)	+++++	+++++	+++++	3261	+++++	AVRG		3261		0.000e+00
(4)	+++++	+++++	+++++	1978	+++++	AVRG		1978		0.000e+00
(5)	+++++	+++++	+++++	2202	+++++	AVRG		2202		0.000e+00
66 2,4'-Dichlorobiphenyl (8)	746579	2957103	5854759	13181575	24943637	LINR	-12.05901	49143		0.99900
67 2,2',5-Trichlorobiphenyl (18)	927768	3673521	7205231	15968542	30221826	LINR	-13.30793	59390		0.99890
4 Aroclor-1242(1)	+++++	+++++	+++++	8295	+++++	AVRG		8295		0.000e+00
(2)	+++++	+++++	+++++	6265	+++++	AVRG		6265		0.000e+00
(3)	+++++	+++++	+++++	3710	+++++	AVRG		3710		0.000e+00
(4)	+++++	+++++	+++++	2584	+++++	AVRG		2584		0.000e+00
(5)	+++++	+++++	+++++	4649	+++++	AVRG		4649		0.000e+00
1 Aroclor-1016(1)	9686	9008	8557	7781	7320	AVRG		8471		11.15898
(2)	5475	5145	4948	4508	4456	AVRG		4906		8.78635
(3)	5696	5400	4964	4528	4328	AVRG		4983		11.52121
(4)	5962	5280	5093	4597	4273	AVRG		5041		12.90991
(5)	7424	6901	6535	6008	5702	AVRG		6514		10.56285

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:31 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
68 2,4,4'-Trichlorobiphenyl (28)	167164	141250	142212	131445	127307	AVRG		141876		10.92548
5 Aroclor-1248(1)	+++++	+++++	+++++	5501	+++++	AVRG		5501		0.000e+00
(2)	+++++	+++++	+++++	6916	+++++	AVRG		6916		0.000e+00
(3)	+++++	+++++	+++++	3991	+++++	AVRG		3991		0.000e+00
(4)	+++++	+++++	+++++	7852	+++++	AVRG		7852		0.000e+00
(5)	+++++	+++++	+++++	6438	+++++	AVRG		6438		0.000e+00
69 Tetrachlorobiphenyl (52)	118433	96308	94391	84947	81832	AVRG		95182		15.09256
70 Tetrachlorobiphenyl (49)	171204	140765	139381	125577	116364	AVRG		138658		15.00846
71 Tetrachlorobiphenyl (44)	168359	136689	135915	122484	115589	AVRG		135807		14.94009
6 Aroclor-1254(1)	+++++	+++++	+++++	8739	+++++	AVRG		8739		0.000e+00
(2)	+++++	+++++	+++++	11557	+++++	AVRG		11557		0.000e+00
(3)	+++++	+++++	+++++	14678	+++++	AVRG		14678		0.000e+00
(4)	+++++	+++++	+++++	10796	+++++	AVRG		10796		0.000e+00
(5)	+++++	+++++	+++++	10819	+++++	AVRG		10819		0.000e+00
72 Tetrachlorobiphenyl (66)	173249	150219	153572	142802	135338	AVRG		151036		9.44926
73 Pentachlorobiphenyl (101)	181312	146385	145225	131582	125240	AVRG		145949		14.88005
74 Pentachlorobiphenyl (87)	227660	195971	197830	180797	173374	AVRG		195126		10.70402
92 Tetrachlorobiphenyl (81)	135211	119973	119296	112004	108208	AVRG		118938		8.70942
75 Tetrachlorobiphenyl (77)	1120484	4691178	9382556	22057399	42787747	LINR	-6.70158	84832		0.99971
7 Aroclor-1260(1)	15474	14131	13369	12298	11546	AVRG		13363		11.52168
(2)	11498	10616	10106	9357	9131	AVRG		10142		9.48527
(3)	11987	11141	10677	9881	9738	AVRG		10685		8.68667
(4)	25014	23691	23083	21606	21077	AVRG		22894		6.94806
(5)	13843	13015	12530	11723	11783	AVRG		12579		7.06285

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General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:31 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
62 Pentachlorobiphenyl (123)	183356	161610	164454	152481	146680	AVRG		161716		8.67458
76 Pentachlorobiphenyl (118)	194708	166151	167552	154337	148182	AVRG		166186		10.76384
61 Pentachlorobiphenyl (114)	236579	224620	232231	217340	212066	AVRG		224567		4.51678
78 Hexachlorobiphenyl (153)	208139	170599	171593	157039	150304	AVRG		171535		13.04083
77 Heptachlorobiphenyl (184)	2658374	10250529	20049417	44690680	82330939	LINR	-15.64923	161883		0.99802
79 Pentachlorobiphenyl (105)	248418	205747	216278	201055	193751	AVRG		213050		10.04229
80 Hexachlorobiphenyl (138)	242097	208687	211676	193483	185653	AVRG		208319		10.42403
83 Pentachlorobiphenyl (126)	116311	103382	107645	85161	90416	AVRG		100583		12.63720
81 Heptachlorobiphenyl (187)	227750	187895	189940	173139	165873	AVRG		188919		12.66534
82 Heptachlorobiphenyl (183)	267865	229940	233455	222344	206887	AVRG		232098		9.67388
65 Hexachlorobiphenyl (167)	231332	194218	193822	175452	169478	AVRG		192860		12.52118
84 Hexachlorobiphenyl (128)	282886	240449	244037	221964	212920	AVRG		240451		11.22375
86 Hexachlorobiphenyl (156)	269999	244244	253403	236379	228439	AVRG		246493		6.52144
63 Hexachlorobiphenyl (157)	264615	226211	230604	211186	203944	AVRG		227312		10.33978
8 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
87 Heptachlorobiphenyl (180)	300672	247005	245748	223946	215622	AVRG		246599		13.44573
89 Hexachlorobiphenyl (169)	184132	159839	161053	150268	146458	AVRG		160350		9.14938
88 Heptachlorobiphenyl (170)	283194	247816	253554	236273	225802	AVRG		249328		8.72032
64 Heptachlorobiphenyl (189)	227044	212926	222709	213093	208044	AVRG		216763		3.61242
90 Octachlorobiphenyl (195)	325097	269556	268721	247425	235566	AVRG		269273		12.77078

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187551

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:31 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
91 Nonachlorobiphenyl (206)	247294	207202	209714	195868	187784	AVRG		209572		10.90997
9 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
11 Decachlorobiphenyl	227751	186946	187053	174187	166420	AVRG		188472		12.54890
$ 10 4cmx	312972	270984	283110	269865	268512	AVRG		281089		6.67189

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

62

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187552

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:30 kho01178
Curve Type : Average

Calibration File Names:
Level 1: /chem/ecd8a.i/070606c.b/009b0901.d
Level 2: /chem/ecd8a.i/070606c.b/010b1001.d
Level 3: /chem/ecd8a.i/070606c.b/011b1101.d
Level 4: /chem/ecd8a.i/062806c.b/018b1801.d
Level 5: /chem/ecd8a.i/070606c.b/013b1301.d

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	RRF	% RSD
2 Aroclor-1221(1)	+++++	+++++	+++++	1557	+++++	1557	0.000
(2)	+++++	+++++	+++++	1098	+++++	1098	0.000
(3)	+++++	+++++	+++++	4164	+++++	4164	0.000
3 Aroclor-1232(1)	+++++	+++++	+++++	1018	+++++	1018	0.000
(2)	+++++	+++++	+++++	2181	+++++	2181	0.000
(3)	+++++	+++++	+++++	1317	+++++	1317	0.000
(4)	+++++	+++++	+++++	1092	+++++	1092	0.000
(5)	+++++	+++++	+++++	1607	+++++	1607	0.000
1 Aroclor-1016(1)	7692	7177	7277	6653	6148	6989	8.564
(2)	4461	4223	4375	4044	3898	4200	5.512
(3)	4735	4376	4459	4056	3782	4282	8.630
(4)	4952	4551	4649	4217	3927	4459	8.893
(5)	6067	5636	5760	5362	5111	5587	6.571
66 2,4'-Dichlorobiphenyl (8)	42728	36327	37283	35355	35268	37392	8.274
4 Aroclor-1242(1)	+++++	+++++	+++++	5697	+++++	5697	0.000
(2)	+++++	+++++	+++++	5344	+++++	5344	0.000
(3)	+++++	+++++	+++++	3326	+++++	3326	0.000
(4)	+++++	+++++	+++++	3082	+++++	3082	0.000
(5)	+++++	+++++	+++++	4424	+++++	4424	0.000
67 2,2',5-Trichlorobiphenyl (18)	52587	45023	46500	43986	43700	46359	7.873
5 Aroclor-1248(1)	+++++	+++++	+++++	4126	+++++	4126	0.000
(2)	+++++	+++++	+++++	5244	+++++	5244	0.000
(3)	+++++	+++++	+++++	5373	+++++	5373	0.000
(4)	+++++	+++++	+++++	6020	+++++	6020	0.000
(5)	+++++	+++++	+++++	6683	+++++	6683	0.000
68 2,4,4'-Trichlorobiphenyl (28)	102866	97274	103925	102726	106179	102594	3.196

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:30 kho01178
Curve Type : Average

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	RRF	% RSD
69 Tetrachlorobiphenyl (52)	76008	66955	70442	68422	69949	70355	4.894
70 Tetrachlorobiphenyl (49)	97022	84392	89015	86215	87871	88903	5.469
71 Tetrachlorobiphenyl (44)	101154	90025	95015	92008	93448	94330	4.490
72 Tetrachlorobiphenyl (66)	110894	104017	112895	112690	116888	111477	4.226
73 Pentachlorobiphenyl (101)	105417	90429	96897	94628	97852	97045	5.653
6 Aroclor-1254(1)	+++++	+++++	+++++	9732	+++++	9732	0.000
(2)	+++++	+++++	+++++	7064	+++++	7064	0.000
(3)	+++++	+++++	+++++	13227	+++++	13227	0.000
(4)	+++++	+++++	+++++	9493	+++++	9493	0.000
(5)	+++++	+++++	+++++	6155	+++++	6155	0.000
92 Tetrachlorobiphenyl (81)	118000	108548	116653	115172	118555	115385	3.501
74 Pentachlorobiphenyl (87)	118000	108548	116653	115172	118555	115385	3.501
75 Tetrachlorobiphenyl (77)	66055	61454	66853	66976	69790	66226	4.559
62 Pentachlorobiphenyl (123)	116046	109309	118379	118878	123971	117317	4.542
76 Pentachlorobiphenyl (118)	131963	113187	118891	116458	120588	120217	5.932
7 Aroclor-1260(1)	11177	10055	10854	10045	10365	10499	4.778
(2)	12713	12064	13115	12162	12742	12559	3.493
(3)	8331	7785	8440	7854	8157	8113	3.543
(4)	8836	8324	9044	8409	8718	8666	3.450
(5)	17808	17289	18582	17805	19393	18176	4.524
78 Hexachlorobiphenyl (153)	126751	108507	113567	111168	114262	114851	6.117
77 Heptachlorobiphenyl (184)	141172	119760	124923	121514	124712	126416	6.749
61 Pentachlorobiphenyl (114)	167182	163786	179201	182044	190734	176589	6.262
8 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
79 Pentachlorobiphenyl (105)	156188	146435	158059	159405	166407	157299	4.576
80 Hexachlorobiphenyl (138)	149541	134658	143567	142622	148556	143789	4.123
81 Heptachlorobiphenyl (187)	132208	116838	124109	120988	126109	124050	4.634
82 Heptachlorobiphenyl (183)	164178	143043	149115	146096	150238	150534	5.398
83 Pentachlorobiphenyl (126)	74578	73865	80260	83407	86714	79765	6.966

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:30 kho01178
Curve Type : Average

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	___ RRF	% RSD
65 Hexachlorobiphenyl (167)	132757	119560	126572	126072	130747	127142	4.000
84 Hexachlorobiphenyl (128)	179829	160349	170099	168695	174746	170743	4.256
86 Hexachlorobiphenyl (156)	174478	165467	179098	181514	190623	178236	5.189
87 Heptachlorobiphenyl (180)	174664	152964	160444	158325	164337	162147	5.004
63 Hexachlorobiphenyl (157)	156136	145738	156051	156436	163262	155525	4.030
89 Hexachlorobiphenyl (169)	107692	97698	103899	103273	107974	104107	4.007
88 Heptachlorobiphenyl (170)	183052	163898	175576	174154	181274	175591	4.288
64 Heptachlorobiphenyl (189)	160333	145704	156855	156912	164915	156944	4.521
9 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
90 Octachlorobiphenyl (195)	171326	154124	165177	163057	170301	164797	4.182
91 Nonachlorobiphenyl (206)	136652	121175	127296	125517	130552	128238	4.519
11 Decachlorobiphenyl	117032	102539	107826	106840	110475	108942	4.910
$ 10 4cmx	208355	195642	212351	215223	229257	212165	5.720

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603

Instrument ID: ECD8A Calibration Date: 07/25/06 Time: 1718

Lab File ID: 007F0701 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d	
Decachlorobiphenyl	98.0	100	AVRG	-2.0	15.0	
Pentachlorobiphenyl (114)	103	100	AVRG	3.0	15.0	
Pentachlorobiphenyl (123)	101	100	AVRG	1.0	15.0	
Hexachlorobiphenyl (157)	100	100	AVRG	0.0	15.0	
Heptachlorobiphenyl (189)	104	100	AVRG	4.0	15.0	
Hexachlorobiphenyl (167)	98.2	100	AVRG	-1.8	15.0	
2,4'-Dichlorobiphenyl (8)	107	100	LINR	7.0	15.0	
2,2',5-Trichlorobiphenyl (18	108	100	LINR	8.0	15.0	
2,4,4'-Trichlorobiphenyl (28	98.1	100	AVRG	-1.9	15.0	
Tetrachlorobiphenyl (52)	92.5	100	AVRG	-7.5	15.0	
Tetrachlorobiphenyl (49)	95.9	100	AVRG	-4.1	15.0	
Tetrachlorobiphenyl (44)	97.7	100	AVRG	-2.3	15.0	
Tetrachlorobiphenyl (66)	99.0	100	AVRG	-1.0	15.0	
Pentachlorobiphenyl (101)	103	100	AVRG	3.0	15.0	
Pentachlorobiphenyl (87)	98.8	100	AVRG	-1.2	15.0	
Tetrachlorobiphenyl (77)	84.1	100	LINR	-15.9	15.0	<-
Pentachlorobiphenyl (118)	103	100	AVRG	3.0	15.0	
Heptachlorobiphenyl (184)	107	100	LINR	7.0	15.0	
Hexachlorobiphenyl (153)	102	100	AVRG	2.0	15.0	
Pentachlorobiphenyl (105)	103	100	AVRG	3.0	15.0	
Hexachlorobiphenyl (138)	101	100	AVRG	1.0	15.0	
Heptachlorobiphenyl (187)	99.9	100	AVRG	-0.1	15.0	
Heptachlorobiphenyl (183)	98.5	100	AVRG	-1.5	15.0	
Pentachlorobiphenyl (126)	110	100	AVRG	10.0	15.0	
Hexachlorobiphenyl (128)	100	100	AVRG	0.0	15.0	
Hexachlorobiphenyl (156)	97.0	100	AVRG	-3.0	15.0	
Heptachlorobiphenyl (180)	100	100	AVRG	0.0	15.0	
Heptachlorobiphenyl (170)	98.3	100	AVRG	-1.7	15.0	
Hexachlorobiphenyl (169)	94.4	100	AVRG	-5.6	15.0	
Octachlorobiphenyl (195)	95.7	100	AVRG	-4.3	15.0	
Nonachlorobiphenyl (206)	103	100	AVRG	3.0	15.0	
Tetrachlorobiphenyl (81)	103	100	AVRG	3.0	15.0	
4cmx	81.1	80.0	AVRG	1.4	30.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603

Instrument ID: ECD8A Calibration Date: 07/25/06 Time: 1718

Lab File ID: 007B0701 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D
Decachlorobiphenyl	108942.47	106204.78	0.01	-2.5	15.0
Pentachlorobiphenyl (114)	176589.28	176280.43	0.01	-0.2	15.0
Pentachlorobiphenyl (123)	117316.65	114227.52	0.01	-2.6	15.0
Hexachlorobiphenyl (157)	155524.57	152144.73	0.01	-2.2	15.0
Heptachlorobiphenyl (189)	156943.70	156747.43	0.01	-0.1	15.0
Hexachlorobiphenyl (167)	127141.66	120559.75	0.01	-5.2	15.0
2,4'-Dichlorobiphenyl (8)	37391.968	37982.980	0.01	1.6	15.0
2,2',5-Trichlorobiphenyl (18	46359.343	45713.570	0.01	-1.4	15.0
2,4,4'-Trichlorobiphenyl (28	102594.03	101762.98	0.01	-0.8	15.0
Tetrachlorobiphenyl (52)	70355.334	64403.660	0.01	-8.4	15.0
Tetrachlorobiphenyl (49)	88902.968	84309.660	0.01	-5.2	15.0
Tetrachlorobiphenyl (44)	94329.863	91843.620	0.01	-2.6	15.0
Tetrachlorobiphenyl (66)	111476.74	102973.02	0.01	-7.6	15.0
Pentachlorobiphenyl (101)	97044.522	95526.100	0.01	-1.6	15.0
Pentachlorobiphenyl (87)	115385.44	111656.49	0.01	-3.2	15.0
Tetrachlorobiphenyl (77)	66225.672	67146.180	0.01	1.4	15.0
Pentachlorobiphenyl (118)	120217.35	116628.80	0.01	-3.0	15.0
Heptachlorobiphenyl (184)	126416.22	119765.31	0.01	-5.3	15.0
Hexachlorobiphenyl (153)	114851.12	111097.99	0.01	-3.3	15.0
Pentachlorobiphenyl (105)	157298.63	150637.40	0.01	-4.2	15.0
Hexachlorobiphenyl (138)	143788.84	139865.81	0.01	-2.7	15.0
Heptachlorobiphenyl (187)	124050.25	121048.21	0.01	-2.4	15.0
Heptachlorobiphenyl (183)	150534.21	145317.23	0.01	-3.5	15.0
Pentachlorobiphenyl (126)	79764.785	89074.070	0.01	11.7	15.0
Hexachlorobiphenyl (128)	170743.46	165542.22	0.01	-3.0	15.0
Hexachlorobiphenyl (156)	178235.70	168123.68	0.01	-5.7	15.0
Heptachlorobiphenyl (180)	162146.58	158667.30	0.01	-2.1	15.0
Heptachlorobiphenyl (170)	175590.69	168653.12	0.01	-4.0	15.0
Hexachlorobiphenyl (169)	104107.23	96804.090	0.01	-7.0	15.0
Octachlorobiphenyl (195)	164797.13	157802.30	0.01	-4.2	15.0
Nonachlorobiphenyl (206)	128238.39	132149.61	0.01	3.0	15.0
Tetrachlorobiphenyl (81)	115385.44	111656.49	0.01	-3.2	15.0
4cmx	212165.46	212350.74	0.01	0.1	30.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603

Instrument ID: ECD8A Calibration Date: 07/25/06 Time: 2232

Lab File ID: 019F1901 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d	
Decachlorobiphenyl	104	100	AVRG	4.0	15.0	
Pentachlorobiphenyl (114)	111	100	AVRG	11.0	15.0	
Pentachlorobiphenyl (123)	109	100	AVRG	9.0	15.0	
Hexachlorobiphenyl (157)	106	100	AVRG	6.0	15.0	
Heptachlorobiphenyl (189)	109	100	AVRG	9.0	15.0	
Hexachlorobiphenyl (167)	104	100	AVRG	4.0	15.0	
2,4'-Dichlorobiphenyl (8)	113	100	LINR	13.0	15.0	
2,2',5-Trichlorobiphenyl (18	118	100	LINR	18.0	15.0	<-
2,4,4'-Trichlorobiphenyl (28	108	100	AVRG	8.0	15.0	
Tetrachlorobiphenyl (52)	107	100	AVRG	7.0	15.0	
Tetrachlorobiphenyl (49)	104	100	AVRG	4.0	15.0	
Tetrachlorobiphenyl (44)	106	100	AVRG	6.0	15.0	
Tetrachlorobiphenyl (66)	108	100	AVRG	8.0	15.0	
Pentachlorobiphenyl (101)	106	100	AVRG	6.0	15.0	
Pentachlorobiphenyl (87)	108	100	AVRG	8.0	15.0	
Tetrachlorobiphenyl (77)	114	100	LINR	14.0	15.0	
Pentachlorobiphenyl (118)	107	100	AVRG	7.0	15.0	
Heptachlorobiphenyl (184)	113	100	LINR	13.0	15.0	
Hexachlorobiphenyl (153)	106	100	AVRG	6.0	15.0	
Pentachlorobiphenyl (105)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (138)	108	100	AVRG	8.0	15.0	
Heptachlorobiphenyl (187)	105	100	AVRG	5.0	15.0	
Heptachlorobiphenyl (183)	101	100	AVRG	1.0	15.0	
Pentachlorobiphenyl (126)	103	100	AVRG	3.0	15.0	
Hexachlorobiphenyl (128)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (156)	108	100	AVRG	8.0	15.0	
Heptachlorobiphenyl (180)	104	100	AVRG	4.0	15.0	
Heptachlorobiphenyl (170)	107	100	AVRG	7.0	15.0	
Hexachlorobiphenyl (169)	106	100	AVRG	6.0	15.0	
Octachlorobiphenyl (195)	102	100	AVRG	2.0	15.0	
Nonachlorobiphenyl (206)	104	100	AVRG	4.0	15.0	
Tetrachlorobiphenyl (81)	104	100	AVRG	4.0	15.0	
4cmx	85.2	80.0	AVRG	6.5	30.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603

Instrument ID: ECD8A Calibration Date: 07/25/06 Time: 2232

Lab File ID: 019B1901 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D
Decachlorobiphenyl	108942.47	109185.01	0.01	0.2	15.0
Pentachlorobiphenyl (114)	176589.28	191784.93	0.01	8.6	15.0
Pentachlorobiphenyl (123)	117316.65	125982.51	0.01	7.4	15.0
Hexachlorobiphenyl (157)	155524.57	166406.68	0.01	7.0	15.0
Heptachlorobiphenyl (189)	156943.70	165337.59	0.01	5.3	15.0
Hexachlorobiphenyl (167)	127141.66	133652.66	0.01	5.1	15.0
2,4'-Dichlorobiphenyl (8)	37391.968	39786.480	0.01	6.4	15.0
2,2',5-Trichlorobiphenyl (18	46359.343	49159.720	0.01	6.0	15.0
2,4,4'-Trichlorobiphenyl (28	102594.03	110761.26	0.01	8.0	15.0
Tetrachlorobiphenyl (52)	70355.334	74680.480	0.01	6.1	15.0
Tetrachlorobiphenyl (49)	88902.968	94173.490	0.01	5.9	15.0
Tetrachlorobiphenyl (44)	94329.863	100662.42	0.01	6.7	15.0
Tetrachlorobiphenyl (66)	111476.74	120869.51	0.01	8.4	15.0
Pentachlorobiphenyl (101)	97044.522	102398.36	0.01	5.5	15.0
Pentachlorobiphenyl (87)	115385.44	123504.99	0.01	7.0	15.0
Tetrachlorobiphenyl (77)	66225.672	71699.030	0.01	8.3	15.0
Pentachlorobiphenyl (118)	120217.35	124607.46	0.01	3.6	15.0
Heptachlorobiphenyl (184)	126416.22	130393.33	0.01	3.1	15.0
Hexachlorobiphenyl (153)	114851.12	118849.08	0.01	3.5	15.0
Pentachlorobiphenyl (105)	157298.63	167517.01	0.01	6.5	15.0
Hexachlorobiphenyl (138)	143788.84	151592.68	0.01	5.4	15.0
Heptachlorobiphenyl (187)	124050.25	129259.39	0.01	4.2	15.0
Heptachlorobiphenyl (183)	150534.21	155510.14	0.01	3.3	15.0
Pentachlorobiphenyl (126)	79764.785	87845.230	0.01	10.1	15.0
Hexachlorobiphenyl (128)	170743.46	180003.78	0.01	5.4	15.0
Hexachlorobiphenyl (156)	178235.70	191183.40	0.01	7.3	15.0
Heptachlorobiphenyl (180)	162146.58	169387.34	0.01	4.5	15.0
Heptachlorobiphenyl (170)	175590.69	183531.93	0.01	4.5	15.0
Hexachlorobiphenyl (169)	104107.23	110140.92	0.01	5.8	15.0
Octachlorobiphenyl (195)	164797.13	171549.98	0.01	4.1	15.0
Nonachlorobiphenyl (206)	128238.39	132292.09	0.01	3.2	15.0
Tetrachlorobiphenyl (81)	115385.44	123504.99	0.01	7.0	15.0
4cmx	212165.46	212350.74	0.01	0.1	30.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 0344

Lab File ID: 031F3101 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d	
Decachlorobiphenyl	97.9	100	AVRG	-2.1	15.0	
Pentachlorobiphenyl (114)	115	100	AVRG	15.0	15.0	
Pentachlorobiphenyl (123)	113	100	AVRG	13.0	15.0	
Hexachlorobiphenyl (157)	107	100	AVRG	7.0	15.0	
Heptachlorobiphenyl (189)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (167)	107	100	AVRG	7.0	15.0	
2,4'-Dichlorobiphenyl (8)	115	100	LINR	15.0	15.0	
2,2',5-Trichlorobiphenyl (18	119	100	LINR	19.0	15.0	<-
2,4,4'-Trichlorobiphenyl (28	112	100	AVRG	12.0	15.0	
Tetrachlorobiphenyl (52)	110	100	AVRG	10.0	15.0	
Tetrachlorobiphenyl (49)	107	100	AVRG	7.0	15.0	
Tetrachlorobiphenyl (44)	109	100	AVRG	9.0	15.0	
Tetrachlorobiphenyl (66)	112	100	AVRG	12.0	15.0	
Pentachlorobiphenyl (101)	108	100	AVRG	8.0	15.0	
Pentachlorobiphenyl (87)	111	100	AVRG	11.0	15.0	
Tetrachlorobiphenyl (77)	113	100	LINR	13.0	15.0	
Pentachlorobiphenyl (118)	111	100	AVRG	11.0	15.0	
Heptachlorobiphenyl (184)	114	100	LINR	14.0	15.0	
Hexachlorobiphenyl (153)	110	100	AVRG	10.0	15.0	
Pentachlorobiphenyl (105)	112	100	AVRG	12.0	15.0	
Hexachlorobiphenyl (138)	110	100	AVRG	10.0	15.0	
Heptachlorobiphenyl (187)	108	100	AVRG	8.0	15.0	
Heptachlorobiphenyl (183)	102	100	AVRG	2.0	15.0	
Pentachlorobiphenyl (126)	111	100	AVRG	11.0	15.0	
Hexachlorobiphenyl (128)	109	100	AVRG	9.0	15.0	
Hexachlorobiphenyl (156)	109	100	AVRG	9.0	15.0	
Heptachlorobiphenyl (180)	104	100	AVRG	4.0	15.0	
Heptachlorobiphenyl (170)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (169)	104	100	AVRG	4.0	15.0	
Octachlorobiphenyl (195)	99.1	100	AVRG	-0.9	15.0	
Nonachlorobiphenyl (206)	99.6	100	AVRG	-0.4	15.0	
Tetrachlorobiphenyl (81)	111	100	AVRG	11.0	15.0	
4cmx	86.9	80.0	AVRG	8.6	30.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 0344

Lab File ID: 031B3101 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D
Decachlorobiphenyl	108942.47	100778.12	0.01	-7.5	15.0
Pentachlorobiphenyl (114)	176589.28	196712.96	0.01	11.4	15.0
Pentachlorobiphenyl (123)	117316.65	129624.53	0.01	10.5	15.0
Hexachlorobiphenyl (157)	155524.57	167139.77	0.01	7.5	15.0
Heptachlorobiphenyl (189)	156943.70	162183.74	0.01	3.3	15.0
Hexachlorobiphenyl (167)	127141.66	136486.08	0.01	7.3	15.0
2,4'-Dichlorobiphenyl (8)	37391.968	41196.650	0.01	10.2	15.0
2,2',5-Trichlorobiphenyl (18	46359.343	50238.320	0.01	8.4	15.0
2,4,4'-Trichlorobiphenyl (28	102594.03	113808.44	0.01	10.9	15.0
Tetrachlorobiphenyl (52)	70355.334	76165.350	0.01	8.2	15.0
Tetrachlorobiphenyl (49)	88902.968	95875.400	0.01	7.8	15.0
Tetrachlorobiphenyl (44)	94329.863	102663.17	0.01	8.8	15.0
Tetrachlorobiphenyl (66)	111476.74	122580.77	0.01	10.0	15.0
Pentachlorobiphenyl (101)	97044.522	104162.50	0.01	7.3	15.0
Pentachlorobiphenyl (87)	115385.44	126502.22	0.01	9.6	15.0
Tetrachlorobiphenyl (77)	66225.672	74315.970	0.01	12.2	15.0
Pentachlorobiphenyl (118)	120217.35	128359.03	0.01	6.8	15.0
Heptachlorobiphenyl (184)	126416.22	133330.97	0.01	5.5	15.0
Hexachlorobiphenyl (153)	114851.12	121836.53	0.01	6.1	15.0
Pentachlorobiphenyl (105)	157298.63	172161.60	0.01	9.4	15.0
Hexachlorobiphenyl (138)	143788.84	153738.04	0.01	6.9	15.0
Heptachlorobiphenyl (187)	124050.25	133152.37	0.01	7.3	15.0
Heptachlorobiphenyl (183)	150534.21	158221.55	0.01	5.1	15.0
Pentachlorobiphenyl (126)	79764.785	88589.410	0.01	11.1	15.0
Hexachlorobiphenyl (128)	170743.46	182315.77	0.01	6.8	15.0
Hexachlorobiphenyl (156)	178235.70	192148.50	0.01	7.8	15.0
Heptachlorobiphenyl (180)	162146.58	169127.80	0.01	4.3	15.0
Heptachlorobiphenyl (170)	175590.69	183166.02	0.01	4.3	15.0
Hexachlorobiphenyl (169)	104107.23	109350.39	0.01	5.0	15.0
Octachlorobiphenyl (195)	164797.13	169667.53	0.01	3.0	15.0
Nonachlorobiphenyl (206)	128238.39	125911.82	0.01	-1.8	15.0
Tetrachlorobiphenyl (81)	115385.44	126502.21	0.01	9.6	15.0
4cmx	212165.46	212350.74	0.01	0.1	30.0

FORM VII PEST

8D
PCB ANALYTICAL SEQUENCE

Lab Name: GENERAL ENGINEERING LAB, Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603

GC Column: CLP1 ID: 0.25 (mm) Init. Calib. Date(s): 07/25/06 07/25/06

Instrument ID: ECD8A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 3.32

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	RT #
01	PIBLK01	WAR060623-02	07/25/06	1441	3.31	
02	CONSTD01	WAR060725-11	07/25/06	1507	3.32	
03	CONSTD02	WAR060725-12	07/25/06	1533	3.32	
04	CONSTD03	WAR060725-13	07/25/06	1600	3.32	
05	CONSTD04	WAR060725-14	07/25/06	1626	3.31	
06	CONSTD05	IAR060413-50	07/25/06	1652	3.32	
07	CONSTD01	WAR060413-50	07/25/06	1718	3.32	
08	PIBLK02	WAR060623-02	07/25/06	1745	3.32	
09	PBLK01	1201141176	07/25/06	1811	3.32	
10	PBLK01LCS	1201141177	07/25/06	1837	3.32	
11	PBLK01LCSD	1201142185	07/25/06	1903	3.32	
12	ZZZZZ	ZZZZZ	07/25/06	1929	3.31	
13	20607200201	167603001	07/25/06	1955	3.32	
14	20607200201MS	1201141677	07/25/06	2021	3.32	
15	20607200201MSD	1201141678	07/25/06	2048	3.32	
16	20607200202	167603002	07/25/06	2114	3.32	
17	20607200203	167603003	07/25/06	2140	3.32	
18	20607200204	167603004	07/25/06	2206	3.32	
19	CONSTD02	WAR060725-13	07/25/06	2232	3.32	
20	PIBLK03	WAR060623-02	07/25/06	2258	3.32	
21	20607200205	167603005	07/25/06	2324	3.32	
22	20607200206	167603006	07/25/06	2350	3.32	
23	20607200207	167603007	07/26/06	0016	3.32	
24	ZZZZZ	ZZZZZ	07/26/06	0042	3.32	
25	ZZZZZ	ZZZZZ	07/26/06	0108	3.32	
26	ZZZZZ	ZZZZZ	07/26/06	0134	3.32	
27	ZZZZZ	ZZZZZ	07/26/06	0200	3.32	
28	ZZZZZ	ZZZZZ	07/26/06	0226	3.35*	
29	ZZZZZ	ZZZZZ	07/26/06	0252	3.32	
30	ZZZZZ	ZZZZZ	07/26/06	0318	3.32	
31	CONSTD03	WAR060725-13	07/26/06	0344	3.32	
32	PIBLK04	WAR060623-02	07/26/06	0410	3.31	

S1 = 4cmx

QC LIMITS
(+/- 0.02 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

page 1 of 1

FORM VIII PEST

OLM03.0

8D
PCB ANALYTICAL SEQUENCE

Lab Name: GENERAL ENGINEERING LAB, Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603

GC Column: DB-17MS ID: 0.25 (mm) Init. Calib. Date(s): 07/25/06 07/25/06

Instrument ID: ECD8A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 4.44

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	RT #
01	PIBLK01	WAR060623-02	07/25/06	1441	4.44	
02	CONSTD01	WAR060725-11	07/25/06	1507	4.44	
03	CONSTD02	WAR060725-12	07/25/06	1533	4.44	
04	CONSTD03	WAR060725-13	07/25/06	1600	4.44	
05	CONSTD04	WAR060725-14	07/25/06	1626	4.44	
06	CONSTD05	IAR060413-50	07/25/06	1652	4.44	
07	CONSTD01	WAR060413-50	07/25/06	1718	4.44	
08	PIBLK02	WAR060623-02	07/25/06	1745	4.44	
09	PBLK01	1201141176	07/25/06	1811	4.44	
10	PBLK01LCS	1201141177	07/25/06	1837	4.44	
11	PBLK01LCSD	1201142185	07/25/06	1903	4.44	
12	ZZZZZ	ZZZZZ	07/25/06	1929	4.44	
13	20607200201	167603001	07/25/06	1955	4.44	
14	20607200201MS	1201141677	07/25/06	2021	4.44	
15	20607200201MSD	1201141678	07/25/06	2048	4.44	
16	20607200202	167603002	07/25/06	2114	4.44	
17	20607200203	167603003	07/25/06	2140	4.44	
18	20607200204	167603004	07/25/06	2206	4.44	
19	CONSTD02	WAR060725-13	07/25/06	2232	4.44	
20	PIBLK03	WAR060623-02	07/25/06	2258	4.44	
21	20607200205	167603005	07/25/06	2324	4.44	
22	20607200206	167603006	07/25/06	2350	4.44	
23	20607200207	167603007	07/26/06	0016	4.44	
24	ZZZZZ	ZZZZZ	07/26/06	0042	4.44	
25	ZZZZZ	ZZZZZ	07/26/06	0108	4.44	
26	ZZZZZ	ZZZZZ	07/26/06	0134	4.44	
27	ZZZZZ	ZZZZZ	07/26/06	0200	4.44	
28	ZZZZZ	ZZZZZ	07/26/06	0226	4.46*	
29	ZZZZZ	ZZZZZ	07/26/06	0252	4.44	
30	ZZZZZ	ZZZZZ	07/26/06	0318	4.44	
31	CONSTD03	WAR060725-13	07/26/06	0344	4.44	
32	PIBLK04	WAR060623-02	07/26/06	0410	4.44	

S1 = 4cmx

QC LIMITS
(+/- 0.02 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

Identification Summary

SDG Number: 167603 **Client ID:** 20607200201

Lab Sample ID: 167603001

Data File:	013f1301.d	**Data File:**	013b1301.d
Inst:	ECD8A.I_1	**Inst:**	ECD8A.I_2
Column:	1	**Column:**	2
Analyzed:	25-JUL-06 19:55	**Analyzed:**	25-JUL-06 19:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							5.41
Column 1	1	5.83	5.81 – 5.85	.302	.302	ug/kg	
Column 2	1	7.6	7.58 – 7.62	.286	.286	ug/kg	
Pentachlorobiphenyl (101)							3.45
Column 1	1	7.29	7.27 – 7.31	.566	.566	ug/kg	
Column 2	1	9.63	9.61 – 9.65	.547	.547	ug/kg	
Pentachlorobiphenyl (87)							14.6
Column 1	1	7.81	7.79 – 7.83	.253	.253	ug/kg	
Column 2	1	10.5	10.5 – 10.5	.293	.293	ug/kg	
Pentachlorobiphenyl (118)							23.8
Column 1	1	8.66	8.64 – 8.68	.395	.395	ug/kg	
Column 2	1	11.5	11.5 – 11.5	.311	.311	ug/kg	
Hexachlorobiphenyl (138)							1.99
Column 1	1	9.76	9.74 – 9.78	.74	.74	ug/kg	
Column 2	1	13.2	13.1 – 13.2	.726	.726	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201

Lab Sample ID: 167603001

Data File:	013f1301.d	Data File:	013b1301.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:55	Analyzed:	25-JUL-06 19:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Hexachlorobiphenyl (128)							.218
Column 1	1	10.5	10.5 – 10.5	.236	.236	ug/kg	
Column 2	1	14.3	14.3 – 14.3	.236	.236	ug/kg	
Heptachlorobiphenyl (180)							2.38
Column 1	1	11.6	11.6 – 11.6	.238	.238	ug/kg	
Column 2	1	15.3	15.3 – 15.4	.244	.244	ug/kg	
Heptachlorobiphenyl (170)							3.72
Column 1	1	12.4	12.4 – 12.4	.186	.186	ug/kg	
Column 2	1	16.6	16.6 – 16.6	.179	.179	ug/kg	
Heptachlorobiphenyl (187)							35.6
Column 1	1	10.1	10.1 – 10.1	.142	.142	ug/kg	
Column 2	1	13.5	13.5 – 13.5	.204	.204	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200203

Lab Sample ID: 167603003

Data File:	017f1701.d	Data File:	017b1701.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 21:40	Analyzed:	25-JUL-06 21:40

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							14.5
Column 1	1	5.83	5.81 – 5.85	.289	.289	ug/kg	
Column 2	1	7.6	7.58 – 7.62	.335	.335	ug/kg	
Pentachlorobiphenyl (101)							8.99
Column 1	1	7.29	7.27 – 7.31	.511	.511	ug/kg	
Column 2	1	9.63	9.61 – 9.65	.559	.559	ug/kg	
Pentachlorobiphenyl (118)							22.2
Column 1	1	8.66	8.64 – 8.68	.42	.42	ug/kg	
Column 2	1	11.5	11.5 – 11.5	.336	.336	ug/kg	
Hexachlorobiphenyl (153)							50.6
Column 1	1	9.1	9.08 – 9.12	.738	.738	ug/kg	
Column 2	1	12.1	12 – 12.1	.44	.44	ug/kg	
Hexachlorobiphenyl (138)							34
Column 1	1	9.76	9.74 – 9.78	1.05	1.05	ug/kg	
Column 2	1	13.2	13.1 – 13.2	.743	.743	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200203

Lab Sample ID: 167603003

Data File:	017f1701.d	Data File:	017b1701.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 21:40	Analyzed:	25–JUL–06 21:40

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Hexachlorobiphenyl (128)							1.97
Column 1	1	10.5	10.5 – 10.5	.23	.23	ug/kg	
Column 2	1	14.3	14.3 – 14.3	.225	.225	ug/kg	
Heptachlorobiphenyl (180)							.277
Column 1	1	11.6	11.6 – 11.6	.245	.245	ug/kg	
Column 2	1	15.3	15.3 – 15.4	.244	.244	ug/kg	
Heptachlorobiphenyl (170)							2.55
Column 1	1	12.4	12.4 – 12.4	.168	.168	ug/kg	
Column 2	1	16.6	16.6 – 16.6	.173	.173	ug/kg	
Heptachlorobiphenyl (187)							13.1
Column 1	1	10.1	10.1 – 10.1	.157	.157	ug/kg	
Column 2	1	13.5	13.5 – 13.5	.179	.179	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200204

Lab Sample ID: 167603004

Data File:	018f1801.d	Data File:	018b1801.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 22:06	Analyzed:	25–JUL–06 22:06

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Hexachlorobiphenyl (153)							35.8
Column 1	1	9.1	9.08 – 9.12	.354	.354	ug/kg	
Column 2	1	12.1	12 – 12.1	.247	.247	ug/kg	
Heptachlorobiphenyl (180)							8.26
Column 1	1	11.6	11.6 – 11.6	.3	.3	ug/kg	
Column 2	1	15.3	15.3 – 15.4	.326	.326	ug/kg	
Heptachlorobiphenyl (170)							29.2
Column 1	1	12.4	12.4 – 12.4	.136	.136	ug/kg	
Column 2	1	16.6	16.6 – 16.6	.183	.183	ug/kg	
Heptachlorobiphenyl (187)							26.6
Column 1	1	10.1	10.1 – 10.1	.317	.317	ug/kg	
Column 2	1	13.5	13.5 – 13.5	.243	.243	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200205

Lab Sample ID: 167603005

Data File:	021f2101.d	Data File:	021b2101.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 23:24	Analyzed:	25-JUL-06 23:24

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							18.2
Column 1	1	5.83	5.81 – 5.85	.417	.417	ug/kg	
Column 2	1	7.61	7.58 – 7.62	.347	.347	ug/kg	
Pentachlorobiphenyl (101)							1.78
Column 1	1	7.29	7.27 – 7.31	.358	.358	ug/kg	
Column 2	1	9.63	9.61 – 9.65	.365	.365	ug/kg	
Hexachlorobiphenyl (153)							49.4
Column 1	1	9.1	9.08 – 9.12	.408	.408	ug/kg	
Column 2	1	12.1	12 – 12.1	.246	.246	ug/kg	
Hexachlorobiphenyl (138)							1.22
Column 1	1	9.77	9.74 – 9.78	.317	.317	ug/kg	
Column 2	1	13.2	13.1 – 13.2	.321	.321	ug/kg	
Heptachlorobiphenyl (180)							10.7
Column 1	1	11.6	11.6 – 11.6	.193	.193	ug/kg	
Column 2	1	15.3	15.3 – 15.4	.174	.174	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200205

Lab Sample ID: 167603005

Data File:	021f2101.d	Data File:	021b2101.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 23:24	Analyzed:	25-JUL-06 23:24

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (187)							19.8
Column 1	1	10.1	10.1 – 10.1	.135	.135	ug/kg	
Column 2	1	13.5	13.5 – 13.5	.165	.165	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200207

Lab Sample ID: 167603007

Data File:	023f2301.d	Data File:	023b2301.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 00:16	Analyzed:	26-JUL-06 00:16

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							20
Column 1	1	5.83	5.81 – 5.85	.81	.81	ug/kg	
Column 2	1	7.61	7.58 – 7.62	.663	.663	ug/kg	
Tetrachlorobiphenyl (44)							27.6
Column 1	1	6.2	6.17 – 6.21	.401	.401	ug/kg	
Column 2	1	8.15	8.13 – 8.17	.304	.304	ug/kg	
Pentachlorobiphenyl (101)							.867
Column 1	1	7.3	7.27 – 7.31	1.24	1.24	ug/kg	
Column 2	1	9.64	9.61 – 9.65	1.23	1.23	ug/kg	
Pentachlorobiphenyl (87)							.0398
Column 1	1	7.81	7.79 – 7.83	.675	.675	ug/kg	
Column 2	1	10.5	10.5 – 10.5	.674	.674	ug/kg	
Pentachlorobiphenyl (118)							17.9
Column 1	1	8.67	8.64 – 8.68	.827	.827	ug/kg	
Column 2	1	11.5	11.5 – 11.5	.691	.691	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200207

Lab Sample ID: 167603007

Data File:	023f2301.d	Data File:	023b2301.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 00:16	Analyzed:	26-JUL-06 00:16

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Hexachlorobiphenyl (153)							51
Column 1	1	9.1	9.08 – 9.12	1.37	1.37	ug/kg	
Column 2	1	12.1	12 – 12.1	.816	.816	ug/kg	
Pentachlorobiphenyl (105)							52.2
Column 1	1	9.28	9.26 – 9.3	.341	.341	ug/kg	
Column 2	1	12.5	12.5 – 12.6	.583	.583	ug/kg	
Hexachlorobiphenyl (138)							13.1
Column 1	1	9.77	9.74 – 9.78	1.49	1.49	ug/kg	
Column 2	1	13.2	13.1 – 13.2	1.31	1.31	ug/kg	
Hexachlorobiphenyl (128)							8.74
Column 1	1	10.5	10.5 – 10.5	.36	.36	ug/kg	
Column 2	1	14.3	14.3 – 14.3	.329	.329	ug/kg	
Hexachlorobiphenyl (156)							9.24
Column 1	1	11.2	11.2 – 11.2	.159	.159	ug/kg	
Column 2	1	14.9	14.9 – 14.9	.175	.175	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200207

Lab Sample ID: 167603007

Data File:	023f2301.d	Data File:	023b2301.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 00:16	Analyzed:	26-JUL-06 00:16

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							14.1
Column 1	1	11.6	11.6 – 11.6	.291	.291	ug/kg	
Column 2	1	15.3	15.3 – 15.4	.253	.253	ug/kg	
Heptachlorobiphenyl (170)							3.27
Column 1	1	12.4	12.4 – 12.4	.231	.231	ug/kg	
Column 2	1	16.6	16.6 – 16.6	.224	.224	ug/kg	
Heptachlorobiphenyl (187)							12.3
Column 1	1	10.1	10.1 – 10.1	.218	.218	ug/kg	
Column 2	1	13.5	13.5 – 13.5	.246	.246	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							4.1
Column 1	1	13.5	13.4 – 13.5	3.42	3.42	ug/kg	
Column 2	1	17.5	17.5 – 17.6	3.29	3.29	ug/kg	
Decachlorobiphenyl							1.27
Column 1	1	16.1	16 – 16.1	2.85	2.85	ug/kg	
Column 2	1	20.7	20.7 – 20.7	2.82	2.82	ug/kg	
2,4'-Dichlorobiphenyl (8)							21.4
Column 1	1	3.93	3.91 – 3.95	3.69	3.69	ug/kg	
Column 2	1	5.37	5.35 – 5.39	2.98	2.98	ug/kg	
2,2',5-Trichlorobiphenyl (18)							11.2
Column 1	1	4.51	4.49 – 4.53	2.97	2.97	ug/kg	
Column 2	1	6.11	6.09 – 6.13	2.65	2.65	ug/kg	
2,4,4'-Trichlorobiphenyl (28)							.762
Column 1	1	5.28	5.27 – 5.31	3.16	3.16	ug/kg	
Column 2	1	6.95	6.93 – 6.97	3.19	3.19	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							2.98
Column 1	1	5.83	5.81 – 5.85	3.52	3.52	ug/kg	
Column 2	1	7.6	7.58 – 7.62	3.41	3.41	ug/kg	
Tetrachlorobiphenyl (49)							1.75
Column 1	1	5.86	5.84 – 5.88	2.72	2.72	ug/kg	
Column 2	1	7.68	7.66 – 7.7	2.67	2.67	ug/kg	
Tetrachlorobiphenyl (44)							1.61
Column 1	1	6.19	6.17 – 6.21	3.32	3.32	ug/kg	
Column 2	1	8.15	8.13 – 8.17	3.27	3.27	ug/kg	
Tetrachlorobiphenyl (66)							4.57
Column 1	1	6.95	6.93 – 6.97	2.87	2.87	ug/kg	
Column 2	1	9.14	9.13 – 9.17	2.75	2.75	ug/kg	
Pentachlorobiphenyl (101)							.546
Column 1	1	7.29	7.27 – 7.31	3.46	3.46	ug/kg	
Column 2	1	9.63	9.61 – 9.65	3.48	3.48	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							68.4
Column 1	1	7.81	7.79 – 7.83	2.74	2.74	ug/kg	
Column 2	1	10.5	10.5 – 10.5	5.59	5.59	ug/kg	
Tetrachlorobiphenyl (77)							5.28
Column 1	1	8.24	8.22 – 8.26	3.28	3.28	ug/kg	
Column 2	1	10.9	10.9 – 10.9	3.11	3.11	ug/kg	
Pentachlorobiphenyl (123)							2
Column 1	1	8.58	8.56 – 8.6	3.11	3.11	ug/kg	
Column 2	1	11.4	11.4 – 11.5	3.05	3.05	ug/kg	
Pentachlorobiphenyl (118)							5.26
Column 1	1	8.66	8.64 – 8.68	2.86	2.86	ug/kg	
Column 2	1	11.5	11.5 – 11.5	2.72	2.72	ug/kg	
Pentachlorobiphenyl (114)							3.96
Column 1	1	8.78	8.76 – 8.8	2.86	2.86	ug/kg	
Column 2	1	11.9	11.9 – 11.9	2.75	2.75	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							8.05
Column 1	1	8.82	8.8 – 8.84	3.09	3.09	ug/kg	
Column 2	1	12	11.9 – 12	2.85	2.85	ug/kg	
Hexachlorobiphenyl (153)							3.09
Column 1	1	9.1	9.08 – 9.12	3.06	3.06	ug/kg	
Column 2	1	12.1	12 – 12.1	2.97	2.97	ug/kg	
Pentachlorobiphenyl (105)							2.24
Column 1	1	9.28	9.26 – 9.3	2.84	2.84	ug/kg	
Column 2	1	12.5	12.5 – 12.6	2.78	2.78	ug/kg	
Hexachlorobiphenyl (138)							1.76
Column 1	1	9.76	9.74 – 9.78	3.17	3.17	ug/kg	
Column 2	1	13.2	13.1 – 13.2	3.11	3.11	ug/kg	
Heptachlorobiphenyl (183)							3.17
Column 1	1	10.2	10.2 – 10.2	2.75	2.75	ug/kg	
Column 2	1	13.6	13.6 – 13.7	2.84	2.84	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							6.43
Column 1	1	10.2	10.2 – 10.2	3.2	3.2	ug/kg	
Column 2	1	13.5	13.5 – 13.6	3	3	ug/kg	
Hexachlorobiphenyl (128)							2.6
Column 1	1	10.5	10.5 – 10.5	2.87	2.87	ug/kg	
Column 2	1	14.3	14.3 – 14.3	2.8	2.8	ug/kg	
Hexachlorobiphenyl (167)							.248
Column 1	1	10.6	10.6 – 10.7	3.04	3.04	ug/kg	
Column 2	1	14	14 – 14	3.05	3.05	ug/kg	
Hexachlorobiphenyl (156)							1.98
Column 1	1	11.2	11.2 – 11.2	3.2	3.2	ug/kg	
Column 2	1	14.9	14.9 – 14.9	3.14	3.14	ug/kg	
Hexachlorobiphenyl (157)							.252
Column 1	1	11.4	11.3 – 11.4	3.29	3.29	ug/kg	
Column 2	1	15.2	15.2 – 15.2	3.3	3.3	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 18:37	Analyzed:	25–JUL–06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							.0455
Column 1	1	11.6	11.6 – 11.6	2.7	2.7	ug/kg	
Column 2	1	15.3	15.3 – 15.4	2.7	2.7	ug/kg	
Hexachlorobiphenyl (169)							2.02
Column 1	1	12.5	12.5 – 12.5	2.83	2.83	ug/kg	
Column 2	1	16.2	16.2 – 16.3	2.77	2.77	ug/kg	
Heptachlorobiphenyl (170)							3.49
Column 1	1	12.4	12.4 – 12.4	2.94	2.94	ug/kg	
Column 2	1	16.6	16.6 – 16.6	2.84	2.84	ug/kg	
Heptachlorobiphenyl (187)							2.13
Column 1	1	10.1	10.1 – 10.1	3.03	3.03	ug/kg	
Column 2	1	13.5	13.5 – 13.5	2.96	2.96	ug/kg	
Octachlorobiphenyl (195)							.417
Column 1	1	13.5	13.5 – 13.6	2.83	2.83	ug/kg	
Column 2	1	18.1	18.1 – 18.1	2.82	2.82	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 18:37	Analyzed:	25–JUL–06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							1.34
Column 1	1	15.4	15.4 – 15.4	3.16	3.16	ug/kg	
Column 2	1	20	20 – 20	3.12	3.12	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							3.49
Column 1	1	13.5	13.4 – 13.5	3.74	3.74	ug/kg	
Column 2	1	17.5	17.5 – 17.6	3.61	3.61	ug/kg	
Decachlorobiphenyl							.592
Column 1	1	16.1	16 – 16.1	3.09	3.09	ug/kg	
Column 2	1	20.7	20.7 – 20.7	3.07	3.07	ug/kg	
2,4'-Dichlorobiphenyl (8)							22.3
Column 1	1	3.93	3.91 – 3.95	3.76	3.76	ug/kg	
Column 2	1	5.37	5.35 – 5.39	3.01	3.01	ug/kg	
2,2',5-Trichlorobiphenyl (18)							11.5
Column 1	1	4.51	4.49 – 4.53	3.04	3.04	ug/kg	
Column 2	1	6.11	6.09 – 6.13	2.71	2.71	ug/kg	
2,4,4'-Trichlorobiphenyl (28)							.981
Column 1	1	5.28	5.27 – 5.31	3.24	3.24	ug/kg	
Column 2	1	6.95	6.93 – 6.97	3.27	3.27	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							3.86
Column 1	1	5.83	5.81 – 5.85	3.67	3.67	ug/kg	
Column 2	1	7.6	7.58 – 7.62	3.53	3.53	ug/kg	
Tetrachlorobiphenyl (49)							.923
Column 1	1	5.86	5.84 – 5.88	2.78	2.78	ug/kg	
Column 2	1	7.68	7.66 – 7.7	2.75	2.75	ug/kg	
Tetrachlorobiphenyl (44)							1.7
Column 1	1	6.19	6.17 – 6.21	3.45	3.45	ug/kg	
Column 2	1	8.15	8.13 – 8.17	3.39	3.39	ug/kg	
Tetrachlorobiphenyl (66)							4.24
Column 1	1	6.94	6.93 – 6.97	2.99	2.99	ug/kg	
Column 2	1	9.14	9.13 – 9.17	2.87	2.87	ug/kg	
Pentachlorobiphenyl (101)							1.53
Column 1	1	7.29	7.27 – 7.31	3.58	3.58	ug/kg	
Column 2	1	9.63	9.61 – 9.65	3.63	3.63	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							69.8
Column 1	1	7.81	7.79 – 7.83	2.86	2.86	ug/kg	
Column 2	1	10.5	10.5 – 10.5	5.93	5.93	ug/kg	
Tetrachlorobiphenyl (77)							2.47
Column 1	1	8.24	8.22 – 8.26	3.42	3.42	ug/kg	
Column 2	1	10.9	10.9 – 10.9	3.33	3.33	ug/kg	
Pentachlorobiphenyl (123)							.117
Column 1	1	8.58	8.56 – 8.6	3.27	3.27	ug/kg	
Column 2	1	11.4	11.4 – 11.5	3.28	3.28	ug/kg	
Pentachlorobiphenyl (118)							3.43
Column 1	1	8.66	8.64 – 8.68	3.01	3.01	ug/kg	
Column 2	1	11.5	11.5 – 11.5	2.91	2.91	ug/kg	
Pentachlorobiphenyl (114)							2.66
Column 1	1	8.77	8.76 – 8.8	3.02	3.02	ug/kg	
Column 2	1	11.9	11.9 – 11.9	2.94	2.94	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							7.34
Column 1	1	8.82	8.8 – 8.84	3.29	3.29	ug/kg	
Column 2	1	12	11.9 – 12	3.06	3.06	ug/kg	
Hexachlorobiphenyl (153)							1.07
Column 1	1	9.1	9.08 – 9.12	3.23	3.23	ug/kg	
Column 2	1	12.1	12 – 12.1	3.19	3.19	ug/kg	
Pentachlorobiphenyl (105)							1.11
Column 1	1	9.27	9.26 – 9.3	3.07	3.07	ug/kg	
Column 2	1	12.5	12.5 – 12.6	3.04	3.04	ug/kg	
Hexachlorobiphenyl (138)							.669
Column 1	1	9.76	9.74 – 9.78	3.42	3.42	ug/kg	
Column 2	1	13.1	13.1 – 13.2	3.4	3.4	ug/kg	
Heptachlorobiphenyl (183)							4.62
Column 1	1	10.2	10.2 – 10.2	2.98	2.98	ug/kg	
Column 2	1	13.6	13.6 – 13.7	3.12	3.12	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File: 011f1101GCAL1.d Data File: 011b1101GCAL1.d

Inst: ECD8A.I_1 Inst: ECD8A.I_2

Column: 1 Column: 2

Analyzed: 25-JUL-06 19:03 Analyzed: 25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							3.49
Column 1	1	10.2	10.2 – 10.2	3.41	3.41	ug/kg	
Column 2	1	13.5	13.5 – 13.6	3.3	3.3	ug/kg	
Hexachlorobiphenyl (128)							2.07
Column 1	1	10.5	10.5 – 10.5	3.15	3.15	ug/kg	
Column 2	1	14.3	14.3 – 14.3	3.09	3.09	ug/kg	
Hexachlorobiphenyl (167)							.124
Column 1	1	10.6	10.6 – 10.7	3.35	3.35	ug/kg	
Column 2	1	14	14 – 14	3.36	3.36	ug/kg	
Hexachlorobiphenyl (156)							1.43
Column 1	1	11.2	11.2 – 11.2	3.53	3.53	ug/kg	
Column 2	1	14.9	14.9 – 14.9	3.48	3.48	ug/kg	
Hexachlorobiphenyl (157)							.476
Column 1	1	11.4	11.3 – 11.4	3.64	3.64	ug/kg	
Column 2	1	15.2	15.2 – 15.2	3.65	3.65	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							.685
Column 1	1	11.6	11.6 – 11.6	3	3	ug/kg	
Column 2	1	15.3	15.3 – 15.4	2.98	2.98	ug/kg	
Hexachlorobiphenyl (169)							.792
Column 1	1	12.5	12.5 – 12.5	3.07	3.07	ug/kg	
Column 2	1	16.2	16.2 – 16.3	3.04	3.04	ug/kg	
Heptachlorobiphenyl (170)							2.69
Column 1	1	12.4	12.4 – 12.4	3.21	3.21	ug/kg	
Column 2	1	16.6	16.6 – 16.6	3.13	3.13	ug/kg	
Heptachlorobiphenyl (187)							.677
Column 1	1	10.1	10.1 – 10.1	3.28	3.28	ug/kg	
Column 2	1	13.5	13.5 – 13.5	3.26	3.26	ug/kg	
Octachlorobiphenyl (195)							.153
Column 1	1	13.5	13.5 – 13.6	3.1	3.1	ug/kg	
Column 2	1	18.1	18.1 – 18.1	3.11	3.11	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							1.04
Column 1	1	15.4	15.4 – 15.4	3.42	3.42	ug/kg	
Column 2	1	20	20 – 20	3.39	3.39	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MS

Lab Sample ID: 1201141677

Data File:	014f1401.d	Data File:	014b1401.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:21	Analyzed:	25-JUL-06 20:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							5.14
Column 1	1	13.5	13.4 – 13.5	3.58	3.58	ug/kg	
Column 2	1	17.5	17.5 – 17.6	3.77	3.77	ug/kg	
Decachlorobiphenyl							2.96
Column 1	1	16.1	16 – 16.1	2.91	2.91	ug/kg	
Column 2	1	20.7	20.7 – 20.7	3	3	ug/kg	
2,4'-Dichlorobiphenyl (8)							47.5
Column 1	1	3.93	3.91 – 3.95	5.32	5.32	ug/kg	
Column 2	1	5.37	5.35 – 5.39	3.28	3.28	ug/kg	
2,2',5-Trichlorobiphenyl (18)							2.83
Column 1	1	4.51	4.49 – 4.53	3.13	3.13	ug/kg	
Column 2	1	6.11	6.09 – 6.13	3.22	3.22	ug/kg	
2,4,4'-Trichlorobiphenyl (28)							10.2
Column 1	1	5.28	5.27 – 5.31	3.48	3.48	ug/kg	
Column 2	1	6.95	6.93 – 6.97	3.85	3.85	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MS

Lab Sample ID: 1201141677

Data File:	014f1401.d	Data File:	014b1401.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:21	Analyzed:	25-JUL-06 20:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							2.58
Column 1	1	5.83	5.81 – 5.85	4.11	4.11	ug/kg	
Column 2	1	7.6	7.58 – 7.62	4.22	4.22	ug/kg	
Tetrachlorobiphenyl (49)							3.85
Column 1	1	5.87	5.84 – 5.88	2.88	2.88	ug/kg	
Column 2	1	7.68	7.66 – 7.7	2.99	2.99	ug/kg	
Tetrachlorobiphenyl (44)							3.4
Column 1	1	6.19	6.17 – 6.21	3.66	3.66	ug/kg	
Column 2	1	8.15	8.13 – 8.17	3.79	3.79	ug/kg	
Tetrachlorobiphenyl (66)							14
Column 1	1	6.94	6.93 – 6.97	3.26	3.26	ug/kg	
Column 2	1	9.14	9.13 – 9.17	3.75	3.75	ug/kg	
Pentachlorobiphenyl (101)							15.9
Column 1	1	7.29	7.27 – 7.31	3.94	3.94	ug/kg	
Column 2	1	9.63	9.61 – 9.65	4.63	4.63	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MS

Lab Sample ID: 1201141677

Data File:	014f1401.d	Data File:	014b1401.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:21	Analyzed:	25-JUL-06 20:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							78.3
Column 1	1	7.81	7.79 – 7.83	2.96	2.96	ug/kg	
Column 2	1	10.5	10.5 – 10.5	6.76	6.76	ug/kg	
Tetrachlorobiphenyl (77)							3.98
Column 1	1	8.24	8.22 – 8.26	3.79	3.79	ug/kg	
Column 2	1	10.9	10.9 – 10.9	3.94	3.94	ug/kg	
Pentachlorobiphenyl (123)							23.1
Column 1	1	8.58	8.56 – 8.6	3.24	3.24	ug/kg	
Column 2	1	11.4	11.4 – 11.5	4.09	4.09	ug/kg	
Pentachlorobiphenyl (118)							3.73
Column 1	1	8.66	8.64 – 8.68	3.2	3.2	ug/kg	
Column 2	1	11.5	11.5 – 11.5	3.32	3.32	ug/kg	
Pentachlorobiphenyl (114)							.284
Column 1	1	8.78	8.76 – 8.8	3.15	3.15	ug/kg	
Column 2	1	11.9	11.9 – 11.9	3.16	3.16	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MS

Lab Sample ID: 1201141677

Data File:	014f1401.d	Data File:	014b1401.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:21	Analyzed:	25-JUL-06 20:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							2.27
Column 1	1	8.83	8.8 – 8.84	3.27	3.27	ug/kg	
Column 2	1	12	11.9 – 12	3.34	3.34	ug/kg	
Hexachlorobiphenyl (153)							1.71
Column 1	1	9.1	9.08 – 9.12	3.75	3.75	ug/kg	
Column 2	1	12.1	12 – 12.1	3.68	3.68	ug/kg	
Pentachlorobiphenyl (105)							11.2
Column 1	1	9.28	9.26 – 9.3	3.06	3.06	ug/kg	
Column 2	1	12.5	12.5 – 12.6	3.42	3.42	ug/kg	
Hexachlorobiphenyl (138)							3.54
Column 1	1	9.76	9.74 – 9.78	3.96	3.96	ug/kg	
Column 2	1	13.1	13.1 – 13.2	4.1	4.1	ug/kg	
Heptachlorobiphenyl (183)							5.12
Column 1	1	10.2	10.2 – 10.2	3.12	3.12	ug/kg	
Column 2	1	13.6	13.6 – 13.7	3.29	3.29	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MS

Lab Sample ID: 1201141677

Data File:	014f1401.d	Data File:	014b1401.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:21	Analyzed:	25-JUL-06 20:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							3.99
Column 1	1	10.2	10.2 – 10.2	3.5	3.5	ug/kg	
Column 2	1	13.5	13.5 – 13.6	3.65	3.65	ug/kg	
Hexachlorobiphenyl (128)							8.64
Column 1	1	10.5	10.5 – 10.5	3.08	3.08	ug/kg	
Column 2	1	14.3	14.3 – 14.3	3.36	3.36	ug/kg	
Hexachlorobiphenyl (167)							6.77
Column 1	1	10.6	10.6 – 10.7	3.55	3.55	ug/kg	
Column 2	1	14	14 – 14	3.8	3.8	ug/kg	
Hexachlorobiphenyl (156)							6.7
Column 1	1	11.2	11.2 – 11.2	3.48	3.48	ug/kg	
Column 2	1	14.9	14.9 – 14.9	3.72	3.72	ug/kg	
Hexachlorobiphenyl (157)							7.89
Column 1	1	11.4	11.3 – 11.4	3.51	3.51	ug/kg	
Column 2	1	15.2	15.2 – 15.2	3.8	3.8	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MS

Lab Sample ID: 1201141677

Data File:	014f1401.d	Data File:	014b1401.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 20:21	Analyzed:	25–JUL–06 20:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							7.33
Column 1	1	11.6	11.6 – 11.6	2.93	2.93	ug/kg	
Column 2	1	15.3	15.3 – 15.4	3.15	3.15	ug/kg	
Hexachlorobiphenyl (169)							18.1
Column 1	1	12.5	12.5 – 12.5	2.82	2.82	ug/kg	
Column 2	1	16.2	16.2 – 16.3	3.38	3.38	ug/kg	
Heptachlorobiphenyl (170)							7.27
Column 1	1	12.4	12.4 – 12.4	3.14	3.14	ug/kg	
Column 2	1	16.6	16.6 – 16.6	3.38	3.38	ug/kg	
Heptachlorobiphenyl (187)							6.67
Column 1	1	10.1	10.1 – 10.1	3.31	3.31	ug/kg	
Column 2	1	13.5	13.5 – 13.5	3.53	3.53	ug/kg	
Octachlorobiphenyl (195)							23.3
Column 1	1	13.6	13.5 – 13.6	2.53	2.53	ug/kg	
Column 2	1	18.1	18.1 – 18.1	3.2	3.2	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MS

Lab Sample ID: 1201141677

Data File:	014f1401.d	Data File:	014b1401.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:21	Analyzed:	25-JUL-06 20:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							12.8
Column 1	1	15.4	15.4 – 15.4	3.14	3.14	ug/kg	
Column 2	1	20	20 – 20	3.57	3.57	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MSD

Lab Sample ID: 1201141678

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:48	Analyzed:	25-JUL-06 20:48

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							4.99
Column 1	1	13.5	13.4 – 13.5	3.49	3.49	ug/kg	
Column 2	1	17.5	17.5 – 17.6	3.67	3.67	ug/kg	
Decachlorobiphenyl							.827
Column 1	1	16.1	16 – 16.1	2.87	2.87	ug/kg	
Column 2	1	20.7	20.7 – 20.7	2.89	2.89	ug/kg	
2,4'-Dichlorobiphenyl (8)							20.8
Column 1	1	3.93	3.91 – 3.95	13.9	13.9	ug/kg	
Column 2	1	5.37	5.35 – 5.39	11.2	11.2	ug/kg	
2,2',5-Trichlorobiphenyl (18)							3.05
Column 1	1	4.51	4.49 – 4.53	20	20	ug/kg	
Column 2	1	6.11	6.09 – 6.13	19.4	19.4	ug/kg	
2,4,4'-Trichlorobiphenyl (28)							26.1
Column 1	1	5.28	5.27 – 5.31	21	21	ug/kg	
Column 2	1	6.95	6.93 – 6.97	16.2	16.2	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MSD

Lab Sample ID: 1201141678

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:48	Analyzed:	25-JUL-06 20:48

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							4.29
Column 1	1	5.83	5.81 – 5.85	9.21	9.21	ug/kg	
Column 2	1	7.6	7.58 – 7.62	8.83	8.83	ug/kg	
Tetrachlorobiphenyl (49)							5.2
Column 1	1	5.86	5.84 – 5.88	6.24	6.24	ug/kg	
Column 2	1	7.68	7.66 – 7.7	6.58	6.58	ug/kg	
Tetrachlorobiphenyl (44)							6.03
Column 1	1	6.19	6.17 – 6.21	8.85	8.85	ug/kg	
Column 2	1	8.15	8.13 – 8.17	9.4	9.4	ug/kg	
Tetrachlorobiphenyl (66)							28.9
Column 1	1	6.94	6.93 – 6.97	7.93	7.93	ug/kg	
Column 2	1	9.14	9.13 – 9.17	10.6	10.6	ug/kg	
Pentachlorobiphenyl (101)							19.2
Column 1	1	7.29	7.27 – 7.31	8.88	8.88	ug/kg	
Column 2	1	9.63	9.61 – 9.65	7.33	7.33	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MSD

Lab Sample ID: 1201141678

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:48	Analyzed:	25-JUL-06 20:48

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							63
Column 1	1	7.81	7.79 – 7.83	4.35	4.35	ug/kg	
Column 2	1	10.5	10.5 – 10.5	8.35	8.35	ug/kg	
Tetrachlorobiphenyl (77)							16.3
Column 1	1	8.24	8.22 – 8.26	4.08	4.08	ug/kg	
Column 2	1	10.9	10.9 – 10.9	4.8	4.8	ug/kg	
Pentachlorobiphenyl (123)							46
Column 1	1	8.58	8.56 – 8.6	3.45	3.45	ug/kg	
Column 2	1	11.4	11.4 – 11.5	5.51	5.51	ug/kg	
Pentachlorobiphenyl (118)							3.63
Column 1	1	8.66	8.64 – 8.68	5.52	5.52	ug/kg	
Column 2	1	11.5	11.5 – 11.5	5.72	5.72	ug/kg	
Pentachlorobiphenyl (114)							3.98
Column 1	1	8.78	8.76 – 8.8	3.23	3.23	ug/kg	
Column 2	1	11.9	11.9 – 11.9	3.36	3.36	ug/kg	

Identification Summary

SDG Number: 167603

Client ID: 20607200201(167603001)MSD

Lab Sample ID: 1201141678

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:48	Analyzed:	25-JUL-06 20:48

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							3.69
Column 1	1	8.83	8.8 – 8.84	3.15	3.15	ug/kg	
Column 2	1	12	11.9 – 12	3.27	3.27	ug/kg	
Hexachlorobiphenyl (153)							9.85
Column 1	1	9.1	9.08 – 9.12	5.98	5.98	ug/kg	
Column 2	1	12.1	12 – 12.1	5.42	5.42	ug/kg	
Pentachlorobiphenyl (105)							23.9
Column 1	1	9.28	9.26 – 9.3	4.15	4.15	ug/kg	
Column 2	1	12.5	12.5 – 12.6	5.28	5.28	ug/kg	
Hexachlorobiphenyl (138)							.851
Column 1	1	9.76	9.74 – 9.78	6.79	6.79	ug/kg	
Column 2	1	13.2	13.1 – 13.2	6.74	6.74	ug/kg	
Heptachlorobiphenyl (183)							5.48
Column 1	1	10.2	10.2 – 10.2	3.16	3.16	ug/kg	
Column 2	1	13.6	13.6 – 13.7	3.33	3.33	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MSD

Lab Sample ID: 1201141678

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:48	Analyzed:	25-JUL-06 20:48

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							1.8
Column 1	1	10.2	10.2 – 10.2	3.56	3.56	ug/kg	
Column 2	1	13.5	13.5 – 13.6	3.5	3.5	ug/kg	
Hexachlorobiphenyl (128)							7.23
Column 1	1	10.5	10.5 – 10.5	3.54	3.54	ug/kg	
Column 2	1	14.3	14.3 – 14.3	3.8	3.8	ug/kg	
Hexachlorobiphenyl (167)							10.1
Column 1	1	10.6	10.6 – 10.7	3.36	3.36	ug/kg	
Column 2	1	14	14 – 14	3.71	3.71	ug/kg	
Hexachlorobiphenyl (156)							6.65
Column 1	1	11.2	11.2 – 11.2	3.74	3.74	ug/kg	
Column 2	1	14.9	14.9 – 14.9	4	4	ug/kg	
Hexachlorobiphenyl (157)							5.53
Column 1	1	11.4	11.3 – 11.4	3.53	3.53	ug/kg	
Column 2	1	15.2	15.2 – 15.2	3.73	3.73	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MSD

Lab Sample ID: 1201141678

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 20:48	Analyzed:	25-JUL-06 20:48

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							5.47
Column 1	1	11.6	11.6 – 11.6	3.41	3.41	ug/kg	
Column 2	1	15.3	15.3 – 15.4	3.61	3.61	ug/kg	
Hexachlorobiphenyl (169)							13.4
Column 1	1	12.5	12.5 – 12.5	2.71	2.71	ug/kg	
Column 2	1	16.2	16.2 – 16.3	3.1	3.1	ug/kg	
Heptachlorobiphenyl (170)							5.63
Column 1	1	12.4	12.4 – 12.4	3.51	3.51	ug/kg	
Column 2	1	16.6	16.6 – 16.6	3.71	3.71	ug/kg	
Heptachlorobiphenyl (187)							14.6
Column 1	1	10.1	10.1 – 10.1	3.47	3.47	ug/kg	
Column 2	1	13.5	13.5 – 13.5	4.01	4.01	ug/kg	
Octachlorobiphenyl (195)							22
Column 1	1	13.6	13.5 – 13.6	2.5	2.5	ug/kg	
Column 2	1	18.1	18.1 – 18.1	3.12	3.12	ug/kg	

Identification Summary

SDG Number: 167603 Client ID: 20607200201(167603001)MSD

Lab Sample ID: 1201141678

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 20:48	Analyzed:	25–JUL–06 20:48

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							10.7
Column 1	1	15.4	15.4 – 15.4	3.04	3.04	ug/kg	
Column 2	1	20	20 – 20	3.39	3.39	ug/kg	

QUALITY CONTROL DATA

187602

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603**			**Matrix:**	**SOIL**
Lab Sample ID:	**1201141176**				
Client Sample:	**QC for batch 550548**	**Client:**	**GCAL001**	**Project:**	**QC**
Client ID:	**MB for batch 550548**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/25/2006 18:11**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.333	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl	U	0.333	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.333	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.333	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.333	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.333	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.333	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.333	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.333	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.333	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	U	0.333	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.333	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.333	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.333	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.333	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.333	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.333	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.333	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.333	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.333	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.333	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603			Matrix:	SOIL
Lab Sample ID:	1201141176				
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	MB for batch 550548	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 18:11	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.333	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.333	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.333	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.333	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.333	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.333	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.333	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.333	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.333	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.333	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603**			**Matrix:**	**SOIL**
Lab Sample ID:	**1201141177**				
Client Sample:	**QC for batch 550548**	**Client:**	**GCAL001**	**Project:**	**QC**
Client ID:	**LCS for batch 550548**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/25/2006 18:37**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		3.42	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl		2.86	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)		3.69	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)		2.97	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		3.16	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		3.52	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		2.72	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		3.32	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*		2.87	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		3.46	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	P	2.74	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*		3.28	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*		3.11	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		2.86	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*		2.86	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		3.09	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		3.06	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*		2.84	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		3.17	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		2.75	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*		3.20	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603**			**Matrix:**	**SOIL**
Lab Sample ID:	**1201141177**				
Client Sample:	**QC for batch 550548**	**Client:**	**GCAL001**	**Project:**	**QC**
Client ID:	**LCS for batch 550548**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/25/2006 18:37**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		2.87	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		3.04	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1. *Hexachlorobiphenyl (156)*		3.20	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		3.29	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		2.70	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		2.83	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		2.94	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		3.03	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphenj *Octachlorobiphenyl (195)*		2.83	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		3.16	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603			Matrix:	SOIL
Lab Sample ID:	1201142185				
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	LCSD for batch 550549	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 19:03	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		3.74	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl		3.09	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)		3.76	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)		3.04	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		3.24	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		3.67	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		2.78	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		3.45	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*		2.99	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		3.58	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	P	2.86	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*		3.42	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*		3.27	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		3.01	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*		3.02	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		3.29	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		3.23	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*		3.07	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		3.42	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		2.98	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*		3.41	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603**			**Matrix:**	**SOIL**
Lab Sample ID:	**1201142185**				
Client Sample:	**QC for batch 550548**	**Client:**	**GCAL001**	**Project:**	**QC**
Client ID:	**LCSD for batch 550549**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/25/2006 19:03**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		3.15	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		3.35	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*		3.53	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		3.64	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		3.00	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		3.07	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		3.21	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		3.28	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*		3.10	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		3.43	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 14:00	Matrix:	SOIL
Lab Sample ID:	1201141677	Date Received:	07/21/2006 09:30	%Moisture:	7.7
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	20607200201(167603001)MS	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 20:21	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		3.58	ug/kg	0.209	0.361
2051-24-3	Decachlorobiphenyl		2.91	ug/kg	0.361	0.361
34883-43-7	2,4'-Dichlorobiphenyl (8)	P	5.32	ug/kg	0.253	0.361
37680-65-2	2,2',5-Trichlorobiphenyl (18)		3.13	ug/kg	0.301	0.361
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		3.48	ug/kg	0.224	0.361
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		4.11	ug/kg	0.203	0.361
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		2.88	ug/kg	0.148	0.361
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		3.66	ug/kg	0.129	0.361
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*		3.26	ug/kg	0.160	0.361
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		3.94	ug/kg	0.189	0.361
38380-02-8	Pentachlorobiphenyl (87)	P	2.96	ug/kg	0.239	0.361
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*		3.79	ug/kg	0.324	0.361
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*		3.24	ug/kg	0.142	0.361
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		3.20	ug/kg	0.287	0.361
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*		3.15	ug/kg	0.207	0.361
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		3.27	ug/kg	0.121	0.361
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		3.75	ug/kg	0.127	0.361
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*		3.06	ug/kg	0.174	0.361
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		3.96	ug/kg	0.264	0.361
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		3.12	ug/kg	0.134	0.361
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*		3.50	ug/kg	0.200	0.361

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 14:00	Matrix:	SOIL
Lab Sample ID:	1201141677	Date Received:	07/21/2006 09:30	%Moisture:	7.7
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	20607200201(167603001)MS	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 20:21	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (*Hexachlorobiphenyl (128)*		3.09	ug/kg	0.174	0.361
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (167)*		3.55	ug/kg	0.126	0.361
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*		3.48	ug/kg	0.134	0.361
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (157)*		3.51	ug/kg	0.234	0.361
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		2.93	ug/kg	0.117	0.361
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (169)*		2.82	ug/kg	0.237	0.361
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		3.14	ug/kg	0.110	0.361
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		3.31	ug/kg	0.104	0.361
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*		2.53	ug/kg	0.114	0.361
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		3.14	ug/kg	0.115	0.361

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603	Date Collected:	07/18/2006 14:00	Matrix:	SOIL
Lab Sample ID:	1201141678	Date Received:	07/21/2006 09:30	%Moisture:	7.7
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	20607200201(167603001)MSD	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 20:48	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		3.49	ug/kg	0.209	0.361
2051-24-3	Decachlorobiphenyl		2.87	ug/kg	0.361	0.361
34883-43-7	2,4'-Dichlorobiphenyl (8)		13.9	ug/kg	0.253	0.361
37680-65-2	2,2',5-Trichlorobiphenyl (18)		20.0	ug/kg	0.301	0.361
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		21.0	ug/kg	0.224	0.361
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		9.22	ug/kg	0.203	0.361
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		6.24	ug/kg	0.148	0.361
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		8.85	ug/kg	0.129	0.361
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*		7.93	ug/kg	0.160	0.361
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		8.89	ug/kg	0.189	0.361
38380-02-8	Pentachlorobiphenyl (87)	P	4.35	ug/kg	0.239	0.361
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*		4.08	ug/kg	0.324	0.361
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	P	3.45	ug/kg	0.142	0.361
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		5.52	ug/kg	0.287	0.361
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*		3.23	ug/kg	0.207	0.361
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		3.15	ug/kg	0.121	0.361
35065-27-1	2,2',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (153)*		5.98	ug/kg	0.127	0.361
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*		4.15	ug/kg	0.174	0.361
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		6.79	ug/kg	0.264	0.361
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		3.16	ug/kg	0.134	0.361
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*		3.56	ug/kg	0.200	0.361

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603**	**Date Collected:**	**07/18/2006 14:00**	**Matrix:**	**SOIL**
Lab Sample ID:	**1201141678**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**7.7**
Client Sample:	**QC for batch 550548**	**Client:**	**GCAL001**	**Project:**	**QC**
Client ID:	**20607200201(167603001)MSD**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/25/2006 20:48**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		3.54	ug/kg	0.174	0.361
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		3.36	ug/kg	0.126	0.361
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1. *Hexachlorobiphenyl (156)*		3.74	ug/kg	0.134	0.361
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		3.53	ug/kg	0.234	0.361
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		3.42	ug/kg	0.117	0.361
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		2.72	ug/kg	0.237	0.361
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		3.51	ug/kg	0.110	0.361
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		3.47	ug/kg	0.104	0.361
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*		2.50	ug/kg	0.114	0.361
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		3.04	ug/kg	0.115	0.361

MISCELLANEOUS DATA

000131

187613

General Engineering Laboratories
Form GEL-NCR
Rev. 06/05

NCR Report No.: 342956
Revision No.: 2

COMPANY - WIDE NONCONFORMANCE REPORT

Mo.Day Yr.	Division:	Quality Criteria:	Type:
07-AUG-06	Federal	Specifications	Process
Instrument Type:	**Test / Method:**	**Matrix Type:**	**Client Code:**
GC/ECD	SW846 8082	Solid	GCAL
Batch ID:	**Sample Numbers:**		
550549	See Below		

Potentially affected work order(s)(SDG): 167394,167603,167604(167603-1)

Application Issues:

Failed Recovery for MS/PS

Failed RPD for MS/MSD, or PS/PSD

Failed Recovery for LCS/LCSD

Failed Yield for Surrogates

Specification and Requirements Nonconformance Description:	NRG Disposition:
1. The MS and MSD failed to meet the spike recovery. acceptance criteria for several spiking analytes. 2. The RPD between the MS and MSD did not meet the acceptance criteria for several spiking analytes. 3. Sample 167604005 failed surrogate recovery.	1 & 2. The failures are due to sample matrix interference. The parent sample contained Aroclor hit. 3. Sample 167604005 was reextracted due to surrogate failure.

Originator's Name:
Khoung Yib 07-AUG-06

Data Validator/Group Leader:
Jimin Cao 10-AUG-06

Quality Review:

Director:

GC
SEMIVOLATILE
PCB
ANALYSIS

PCB Case Narrative
Gulf Coast Analytical Labs, LLC (GCAL)
SDG 167603-1

Method/Analysis Information

Procedure:	**Polychlorinated Biphenyls by ECD**
Analytical Method:	SW846 8082
Prep Method:	SW846 3550B
Analytical Batch Number:	550549, 550771
Prep Batch Number:	550548, 550770

Sample Analysis

The following samples were analyzed using the analytical protocol as established in SW846 8082:

Sample ID	Client ID
167604001	20607202601
167604002	20607202602
167604003	20607202603
167604004	20607202604
167604005	20607202605
167604006	20607202606
167604007	20607202607
167604008	20607202608
167604009	20607202609
167604010	20607202610
167604011	20607202611
167604012	20607202612
167604013	20607202613
167604014	20607202614
167604015	20607202615
167604016	20607202616
167604017	20607202617

167604018	20607202618
1201141176	Method Blank (MB) (Batch 550549)
1201141177	Laboratory Control Sample (LCS) (Batch 550549)
1201142185	Laboratory Control Sample Duplicate (LCSD) (Batch 550549)
1201141677	167603001(20607200201) Matrix Spike (MS) (Batch 550549)
1201141678	167603001(20607200201) Matrix Spike Duplicate (MSD) (Batch 550549)
1201141679	Method Blank (MB) (Batch 550771)
1201141680	Laboratory Control Sample (LCS) (Batch 550771)
1201142450	Laboratory Control Sample Duplicate (LCSD) (Batch 550771)
1201141681	167604018(20607202618) Matrix Spike (MS) (Batch 550771)
1201141682	167604018(20607202618) Matrix Spike Duplicate (MSD) (Batch 550771)

Preparation/Analytical Method Verification

Procedures for preparation, analysis, and reporting of analytical data are documented by General Engineering Laboratories, LLC. (GEL) as Standard Operating Procedures (SOP).

Raw data reports are processed and reviewed by the analyst using the Target software package. False positives have been removed from the Target quantitation reports per standard operating procedures (SOP) section 23.0.

Calibration Information

Initial Calibration
All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements
The calibration verification standards (CVS, ICV, or CCV) requirements have not been met for this SDG.

Several bracketing standards failed acceptance criteria with a positive or negative bias on one analytical column for several target analytes. There were no target analytes detected at concentrations above the PQL in the samples affected by these standards; therefore, the non-compliance has no adverse effects on the data.

One of the bracketing standards failed acceptance criteria with a negative bias on both analytical columns for several target analytes. All samples bracketed by this failing standard were re-analyzed and the bracketing standard failed in the same manner; therefore, the standard failure is attributed to sample matrix interference.

Quality Control (QC) Information

Method Blank (MB) Statement
The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries
The surrogate recoveries were not within the established acceptance criteria for sample 167604016 (20607202616) due to dilution.

Samples 167604005 (20607202605) and 167604018 (20607202618) did not meet the surrogate recovery acceptance criteria and were re-extracted. The re-extracted samples failed surrogate recovery in the same manner; therefore the failure is attributed to sample matrix interference.

Laboratory Control Sample (LCS) Recovery
The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery
The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation
A GCAL sample of similar matrix from another SDG (#167603) was selected for the matrix spike and matrix spike duplicate analysis in batch 550549.

Sample 167604018 (20607202618) was selected for the matrix spike and matrix spike duplicate analysis in batch 550771.

Matrix Spike (MS) Recovery Statement
The MS recoveries were not within the acceptance limits. The failures confirm in the matrix spike duplicate and are attributed to matrix interference.

Matrix Spike Duplicate (MSD) Recovery Statement
The MSD recoveries were not within the acceptance limits due to sample matrix interference.

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent differences (RPD) between each MS and MSD were not within the required acceptance limits due to sample matrix interference.

Technical Information

Holding Time Specifications
GEL assigns holding times based on the associated methodology, which assigns the date and time from sample collection of sample receipt. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
All procedures were performed as stated in the SOP. Additionally, elemental mercury was added to all sample extracts to remove sulfur. All sample extracts were cleaned using alumina.

Sample Dilutions
Sample 167604016 (20607202616) was diluted at 1:20 due to the oily matrix of the extract.

Sample Re-extraction/Re-analysis
Samples 167604005 (20607202605) and 167604018 (20607202618) were re-extracted due to low surrogate recovery.

Miscellaneous Information

Electronic Package Comment

The following package was generated using an electronic data processing program referred to as "virtual packaging". In an effort to increase quality and efficiency, the laboratory is developing systems to eventually generate all data packages electronically. The following change from "traditional" packages should be noted:

Analyst/peer reviewer initials and dates are not present on the electronic data files. Presently, all initials and dates are present on the original raw data. These hard copies are temporarily stored in the laboratory. An electronic signature page inserted after the case narrative of each electronic package will indicate the analyst, reviewer, and

report specialist names associated with the generation of the data and package. The data validator will always sign and date the case narrative. Data that are not generated electronically, such as hand written pages, will be scanned and inserted into the electronic package.

Nonconformance (NCR) Documentation
Nonconformance Reports (NCRs) are for documentation of any procedural anomalies that may deviate from referenced SOP or contractual document. NCR#343768 was generated for this SDG.

Manual Integration
Certain standards and samples may have required manual integration to correctly position the baseline as set in the calibration standard injections. If manual integration was performed, copies of all manual integration peak profiles are included in the raw data section of this PCB fraction.

Additional Comments
The additional comments field is used to address special issues associated with each analysis, clarify method/contractual issues pertaining to the analysis, and to list any report documents generated as a result of sample analysis or review. The following additional comments were required:

The front column has been chosen as the primary column. The data are reported from the front column for all field samples in this batch.

All QC samples, except 1201142185 (LCSD), are referred to prep batch number in the Forms in this data package. QC sample (LCSD) is referred to the analytical batch number due to batching error.

Due to software limitation, the Form VIIs will display the results either in the % difference or % drift depending on the type of the calibration curve. If the curve of all analytes is generated using an average response factor (RF), the Form VII will display results using the %difference calculation (RF). If the curve of one or more analytes is generated using a linear curve, the Form VII will display results using the % drift calculation (by concentration) for all analytes.

System Configuration

The Semi-Volatiles-PCB analysis was performed on a HP Gas Chromatograph.

Instrument ID	System Configuration	Column ID	Column Description
ECD8A.I_1	HP6890 Series ECD	Rtx-CLP I	30m x 0.25mm, 0.25um (Rtx-CLPesticide I)
ECD8A.I_2	HP6890 Series ECD	Rtx-CLP II	30m x 0.25mm, 0.20um (Rtx-CLPesticide II)

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Review Validation:

GEL requires all analytical data to be verified by a qualified data validator. In addition, all data designated for CLP or CLP-like packaging will receive a third level validation upon completion of the data package.

The following data validator verified the information presented in this case narrative:

Reviewer: Jimi Cao **Date:** 8/10/06

Roadmap for GCAL 167603-1 PCB

This roadmap was analyzed by Khoung Yib on 08-09-2006, 12:02.
This roadmap was reviewed by Jared Wagner on 08-09-2006, 14:50.
This roadmap was packaged by Yvette Lampkin on 08-10-2006, 09:16.

Front Sample Column

exclude	manual	datafile	smpid	sampletype	injdate	injtime	sublist	clientid	dilution	prepbatchid	comment
☐	N	/chem/ecd8a.i/072506d.b/024f2401.d	167604001	sample	26-JUL-2006	00:42	167603-1.sub	20607202601	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/025f2501.d	167604002	sample	26-JUL-2006	01:08	167603-1.sub	20607202602	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/026f2601.d	167604003	sample	26-JUL-2006	01:34	167603-1.sub	20607202603	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/027f2701.d	167604004	sample	26-JUL-2006	02:00	167603-1.sub	20607202604	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/028f2801.d	167604005	sample	26-JUL-2006	02:26	167603-1.sub	20607202605	1.00000	550549	Upload both.Report front.Re-extract confirms surrogate failure.
■	N	/chem/ecd8a.i/080806c.b/011f1101.d	167604005	sample	08-AUG-2006	19:22	167603-1.sub	20607202605	10.00000	553439	Dupe.Surrogate failure confirmation data.
☐	N	/chem/ecd8a.i/072506d.b/029f2901.d	167604006	sample	26-JUL-2006	02:52	167603-1.sub	20607202606	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/030f3001.d	167604007	sample	26-JUL-2006	03:18	167603-1.sub	20607202607	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/033f3301.d	167604008	sample	26-JUL-2006	04:36	167603-1.sub	20607202608	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/034f3401.d	167604009	sample	26-JUL-2006	05:02	167603-1.sub	20607202609	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/035f3501.d	167604010	sample	26-JUL-2006	05:28	167603-1.sub	20607202610	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/036f3601.d	167604011	sample	26-JUL-2006	05:54	167603-1.sub	20607202611	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/037f3701.d	167604012	sample	26-JUL-2006	06:21	167603-1.sub	20607202612	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/007f0701.d	167604013	sample	26-JUL-2006	13:00	167603-1.sub	20607202613	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/008f0801.d	167604014	sample	26-JUL-2006	13:26	167603-1.sub	20607202614	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/009f0901.d	167604015	sample	26-JUL-2006	13:52	167603-1.sub	20607202615	1.00000	550771	Upload both.Report front.
■	N	/chem/ecd8a.i/080706c.b/023f2301.d	167604016	sample	08-AUG-2006	01:48	167603-1.sub	20607202616	20.00000	550771	Dupe.Confirmation data for bracketing check failure.
☐	N	/chem/ecd8a.i/072606c.b/010f1001.d	167604016	sample	26-JUL-2006	14:18	167603-1.sub	20607202616	20.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/011f1101.d	167604017	sample	26-JUL-2006	14:44	167603-1.sub	20607202617	1.00000	550771	Upload both.Report front.
■	N	/chem/ecd8a.i/080706c.b/024f2401.d	167604018	sample	08-AUG-2006	02:14	167603-1.sub	20607202618	1.00000	550771	Dupe.Confirmation data for bracketing check failure.
☐	N	/chem/ecd8a.i/072606c.b/014f1401.d	167604018	sample	26-JUL-2006	16:03	167603-1.sub	20607202618	1.00000	550771	Upload both.Report front.Re-extract confirms surr failure.
■	N	/chem/ecd8a.i/080806c.b/012f1201.d	167604018	sample	08-AUG-2006	19:48	167603-1.sub	20607202618	1.00000	553439	Dupe.Surrogate failure confirmation data.

Back Sample Column

exclude	manual	datafile	smpid	sampletype	injdate	injtime	sublist	clientid	dilution	prepbatchid	comment
☐	N	/chem/ecd8a.i/072506d.b/024b2401.d	167604001	sample	26-JUL-2006	00:42	167603-1.sub	20607202601	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/025b2501.d	167604002	sample	26-JUL-2006	01:08	167603-1.sub	20607202602	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/026b2601.d	167604003	sample	26-JUL-2006	01:34	167603-1.sub	20607202603	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/027b2701.d	167604004	sample	26-JUL-2006	02:00	167603-1.sub	20607202604	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/028b2801.d	167604005	sample	26-JUL-2006	02:26	167603-1.sub	20607202605	1.00000	550549	Upload both.Report front.Re-extract confirms surrogate failure.
■	N	/chem/ecd8a.i/080806c.b/011b1101.d	167604005	sample	08-AUG-2006	19:22	167603-1.sub	20607202605	10.00000	553439	Dupe.Surrogate failure confirmation data.

☐	N	/chem/ecd8a.i/072506d.b/029b2901.d	167604006	sample	26-JUL-2006	02:52	167603-1.sub	20607202606	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/030b3001.d	167604007	sample	26-JUL-2006	03:18	167603-1.sub	20607202607	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/033b3301.d	167604008	sample	26-JUL-2006	04:16	167603-1.sub	20607202608	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/034b3401.d	167604009	sample	26-JUL-2006	05:02	167603-1.sub	20607202609	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/035b3501.d	167604010	sample	26-JUL-2006	05:28	167603-1.sub	20607202610	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/036b3601.d	167604011	sample	26-JUL-2006	05:54	167603-1.sub	20607202611	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/037b3701.d	167604012	sample	26-JUL-2006	06:21	167603-1.sub	20607202612	1.00000	550549	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/007b0701.d	167604013	sample	26-JUL-2006	13:00	167603-1.sub	20607202613	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/008b0801.d	167604014	sample	26-JUL-2006	13:26	167603-1.sub	20607202614	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/009b0901.d	167604015	sample	26-JUL-2006	13:52	167603-1.sub	20607202615	1.00000	550771	Upload both.Report front.
■	N	/chem/ecd8a.i/080706c.b/023b2301.d	167604016	sample	08-AUG-2006	03:48	167603-1.sub	20607202616	20.00000	550771	Dupe.Confirmation data for bracketing check failure.
☐	N	/chem/ecd8a.i/072606c.b/010b1001.d	167604016	sample	26-JUL-2006	14:18	167603-1.sub	20607202616	20.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/011b1101.d	167604017	sample	26-JUL-2006	14:44	167603-1.sub	20607202617	1.00000	550771	Upload both.Report front.
■	N	/chem/ecd8a.i/080706c.b/024b2401.d	167604018	sample	08-AUG-2006	02:14	167603-1.sub	20607202618	1.00000	550771	Dupe.Confirmation data for bracketing check failure.
☐	N	/chem/ecd8a.i/072606c.b/014b1401.d	167604018	sample	26-JUL-2006	16:03	167603-1.sub	20607202618	1.00000	550771	Upload both.Report front.Re-extract confirms surr failure.
■	N	/chem/ecd8a.i/080806c.b/012b1201.d	167604018	sample	08-AUG-2006	19:48	167603-1.sub	20607202618	1.00000	553439	Dupe.Surrogate failure confirmation data.

Prox QC Sample Column

exclude	manual	datafile	seqid	sampletype	injdate	injtime	sublist	clientid	dilution	prepbatchid	comment
☐	N	/chem/ecd8a.i/072506d.b/009f0901GCALI.d	1201141176	mb	25-JUL-2006	18:11	167603-1.sub	PBLK01	1.00000	550549	
☐	N	/chem/ecd8a.i/072606c.b/0048b401.d	1201141679	mb	26-JUL-2006	11:42	167603-1.sub	PBLK02	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/010f1001GCALI.d	1201141177	lcs	25-JUL-2006	18:37	167603-1.sub	PBLK01LCS	1.00000	550549	
☐	N	/chem/ecd8a.i/072606c.b/0050f501.d	1201141680	lcs	26-JUL-2006	12:08	167603-1.sub	PBLK02LCS	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/011f1101GCALI.d	1201142185	lcsd	25-JUL-2006	19:03	167603-1.sub	PBLK01LCSD	1.00000	550549	
☐	N	/chem/ecd8a.i/072606c.b/006f0601.d	1201142450	lcsd	26-JUL-2006	12:34	167603-1.sub	PBLK02LCSD	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/015f1501.d	1201141681	ms	26-JUL-2006	16:29	167603-1.sub	206072026 18MS	1.00000	550771	Upload both.Report front.
■	N	/chem/ecd8a.i/080706c.b/023f2501.d	1201141681	ms	08-AUG-2006	02:40	167603-1.sub	206072026 18MS	1.00000	550771	Dupe.Confirmation data for bracketing check failure.
☐	N	/chem/ecd8a.i/072606c.b/016f1601.d	1201141682	msd	26-JUL-2006	16:55	167603-1.sub	206072026 18MSD	1.00000	550771	Upload both.Report front.
■	N	/chem/ecd8a.i/080706c.b/026f2601.d	1201141682	msd	08-AUG-2006	03:06	167603-1.sub	206072026 18MSD	1.00000	550771	Dupe.Confirmation data for bracketing check failure.

Back QC Sample Column

exclude	manual	datafile	seqid	sampletype	injdate	injtime	sublist	clientid	dilution	prepbatchid	comment
☐	N	/chem/ecd8a.i/072506d.b/009b0901GCALI.d	1201141176	mb	25-JUL-2006	18:11	167603-1.sub	PBLK01	1.00000	550549	
☐	N	/chem/ecd8a.i/072606c.b/004b0401.d	1201141679	mb	26-JUL-2006	11:42	167603-1.sub	PBLK02	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/010b1001GCALI.d	1201141177	lcs	25-JUL-2006	18:37	167603-1.sub	PBLK01LCS	1.00000	550549	
☐	N	/chem/ecd8a.i/072606c.b/005b0501.d	1201141680	lcs	26-JUL-2006	12:08	167603-1.sub	PBLK02LCS	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072506d.b/011b1101GCALI.d	1201142185	lcsd	25-JUL-2006	19:03	167603-1.sub	PBLK01LCSD	1.00000	550549	
☐	N	/chem/ecd8a.i/072606c.b/006b0601.d	1201142450	lcsd	26-JUL-2006	12:34	167603-1.sub	PBLK02LCSD	1.00000	550771	Upload both.Report front.
☐	N	/chem/ecd8a.i/072606c.b/015b1501.d	1201141681	ms	26-JUL-2006	16:29	167603-1.sub	206072026 18MS	1.00000	550771	Upload both.Report front.
■	N	/chem/ecd8a.i/080706c.b/023b2501.d	1201141681	ms	08-AUG-2006	02:40	167603-1.sub	206072026 18MS	1.00000	550771	Dupe.Confirmation data for bracketing check failure.
☐	N	/chem/ecd8a.i/072606c.b/016b1601.d	1201141682	msd	26-JUL-2006	16:55	167603-1.sub	206072026 18MSD	1.00000	550771	Upload both.Report front.
■	N	/chem/ecd8a.i/080706c.b/026b2601.d	1201141682	msd	08-AUG-2006	03:06	167603-1.sub	206072026 18MSD	1.00000	550771	Dupe.Confirmation data for bracketing check failure.

QUALITY CONTROL SUMMARY

Surrogate Recovery Report

SDG Number: 167603-1

Matrix: SOIL

CAP Column (1) : CLP1 **CAP Column (2) : DB-17MS**

Sample ID	Client ID	4CMX 1 %REC #	4CMX 2 %REC #
1201141176	MB for batch 550548	78	81
1201141177	LCS for batch 550548	70	73
1201142185	LCSD for batch 550549	73	76
167604001	20607202601	81	87
167604002	20607202602	83	88
167604003	20607202603	73	81
167604004	20607202604	65	73
167604005	20607202605	53 *	56
167604006	20607202606	72	81
167604007	20607202607	82	92
167604008	20607202608	74	81
167604009	20607202609	73	78
167604010	20607202610	75	80
167604011	20607202611	83	89
167604012	20607202612	59	66
1201141679	MB for batch 550770	83	87
1201141680	LCS for batch 550770	82	86
1201142450	LCSD for batch 550770	80	84
167604013	20607202613	73	76
167604014	20607202614	78	82
167604015	20607202615	73	76
167604016	20607202616	42 * D	37 * D
167604017	20607202617	80	83
167604018	20607202618	52 *	57

4CMX = 4cmx (54%-125%)

* Recovery outside Acceptance Limits
\# Column to be used to flag recovery values
D Sample Diluted

Surrogate Recovery Report

SDG Number: 167603-1

Matrix: SOIL

CAP Column (1) : CLP1 **CAP Column (2) : DB-17MS**

Sample ID	Client ID	4CMX 1 %REC #	4CMX 2 %REC #
1201141681	20607202618(167604018)MS	64	71
1201141682	20607202618(167604018)MSD	59	65

Surrogate	Acceptance Limits
4CMX = 4cmx	(54%-125%)

* Recovery outside Acceptance Limits
\# Column to be used to flag recovery values
D Sample Diluted

PCB

Quality Control Summary
Spike Recovery Report

SDG Number:	167603–1	Sample Type:	Matrix Spike		
Client ID:	20607202618(167604018)MS	Matrix:	SOIL		
Lab Sample ID:	1201141681	%Moisture:	6		
Instrument:	ECD8A.I	Analysis Date:	07/26/2006 16:29	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550770		
Inj. Vol:	1 uL	Batch ID:	550771		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg		Spike Conc. ug/kg	Recovery %	Acceptance Limits
39635–31–9	MS	2,3,3',4,4',5,5'–Heptachlorobip *Heptachlorobiphenyl (189)*	3.55	0.00	U	2.09	59	50–150
2051–24–3	MS	Decachlorobiphenyl	3.55	0.00	U	1.52	43	37–115
34883–43–7	MS	2,4'–Dichlorobiphenyl (8)	3.55	0.00	U	11.3	318 *	55–123
37680–65–2	MS	2,2',5–Trichlorobiphenyl (18)	3.55	0.00	U	2.51	71	42–127
7012–37–5	MS	2,4,4'–Trichlorobiphenyl (28)	3.55	0.00	U	3.02	85	64–124
35693–99–3	MS	2,2',5,5'–Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.55	7.34		16.2	250 *	58–134
41464–40–8	MS	2,2',4,5'–Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.55	0.00	U	3.76	106	59–107
41464–39–5	MS	2,2',3,5'–Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.55	2.25		7.44	146 *	70–128
32598–10–0	MS	2,3'4,4'–Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.55	0.00	U	3.66	103	56–123
37680–73–2	MS	2,2',4,5,5'–Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.55	13.6		30.0	463 *	71–125
38380–02–8	MS	Pentachlorobiphenyl (87)	3.55	7.23		17.1	279 *	43–137
32598–13–3	MS	3,3',4,4'–Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.55	0.00	U	6.54	184 *	47–142
65510–44–3	MS	2',3,4,4',5–Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.55	0.00	U	4.45	126	50–150
31508–00–6	MS	2,3',4,4',5–Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.55	0.00	U	20.0	565 *	47–118
74472–37–0	MS	2,3,4,4',5–Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.55	0.00	U	3.28	93	50–150
74472–48–3	MS	2,2',3,4,4',6,6'–Heptachlorobip *Heptachlorobiphenyl (184)*	3.55	0.00	U	2.79	79	54–122
35065–27–1	MS	2,2',4,4',5,5'–Hexachlorob *Hexachlorobiphenyl (153)*	3.55	14.8		31.2	464 *	52–125
32598–14–4	MS	2,3,3',4,4'–Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.55	0.00	U	7.75	219 *	51–115
35065–28–2	MS	2,2',3,4,4',5'–Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.55	0.00	U	30.2	853 *	55–131
52663–69–1	MS	2,2',3,4,4',5',6–Heptachlorobip *Heptachlorobiphenyl (183)*	3.55	0.00	U	4.66	131 *	52–126
57465–28–8	MS	3,3',4,4',5–Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.55	0.00	U	10.7	303 *	47–122
38380–07–3	MS	2,2',3,3',4,4'–Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.55	0.00	U	7.56	213 *	48–115

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Matrix Spike		
Client ID:	20607202618(167604018)MS	Matrix:	SOIL		
Lab Sample ID:	1201141681	%Moisture:	6		
Instrument:	ECD8A.I	Analysis Date:	07/26/2006 16:29	Dilution:	
Analyst:	KXY1	Prep Batch ID:			
Inj. Vol:	1 uL	Batch ID:	550771		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg		Spike Conc. ug/kg	Recovery %	Acceptance Limits
52663-72-6	MS	2,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.55	0.00	U	3.30	93	50-150
38380-08-4	MS	2,3,3',4,4',5-Hexachlorobiphei *Hexachlorobiphenyl (156)*	3.55	0.00	U	4.74	134 *	58-132
69782-90-7	MS	2,3,3',4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.55	0.00	U	2.75	78	50-150
35065-29-3	MS	2,2',3,4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (180)*	3.55	0.00	U	5.61	158 *	43-116
32774-16-6	MS	3,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.55	0.00	U	1.57	44	33-138
35065-30-6	MS	2,2',3,3',4,4',5-Heptachlorobip *Heptachlorobiphenyl (170)*	3.55	0.00	U	4.59	130 *	49-120
52663-68-0	MS	2,2',3,4',5,5',6-Heptachlorobip *Heptachlorobiphenyl (187)*	3.55	0.00	U	4.21	119	56-122
52663-78-2	MS	2,2',3,3',4,4',5,6-Octachlorobi *Octachlorobiphenyl (195)*	3.55	0.00	U	1.75	49	43-113
40186-72-9	MS	2,2',3,3',4,4',5,5',6-Nonachlor *Nonachlorobiphenyl (206)*	3.55	0.00	U	1.73	49	46-129

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Matrix Spike Duplicate		
Client ID:	20607202618(167604018)MSD	Matrix:	SOIL		
Lab Sample ID:	1201141682	%Moisture:	6		
Instrument:	ECD8A.I	Analysis Date:	07/26/2006 16:55	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550770		
Inj. Vol:	1 uL	Batch ID:	550771		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg		Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
39635-31-9	MSD	2,3,3',4,4',5,5'-Heptachlorobi *Heptachlorobiphenyl (189)*	3.55	0.00	U	2.13	60	50-150	2	0-30
2051-24-3	MSD	Decachlorobiphenyl	3.55	0.00	U	1.44	41	37-115	5	0-12
34883-43-7	MSD	2,4'-Dichlorobiphenyl (8)	3.55	0.00	U	12.1	340 *	55-123	7	0-22
37680-65-2	MSD	2,2',5-Trichlorobiphenyl (18)	3.55	0.00	U	2.37	67	42-127	6	0-14
7012-37-5	MSD	2,4,4'-Trichlorobiphenyl (28)	3.55	0.00	U	2.79	79	64-124	8	0-15
35693-99-3	MSD	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.55	7.34		14.6	206 *	58-134	10	0-15
41464-40-8	MSD	2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.55	0.00	U	2.95	83	59-107	24 *	0-15
41464-39-5	MSD	2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.55	2.25		6.55	121	70-128	13	0-16
32598-10-0	MSD	2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.55	0.00	U	3.07	86	56-123	18	0-23
37680-73-2	MSD	2,2',4,5,5'-Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.55	13.6		28.3	414 *	71-125	6	0-17
38380-02-8	MSD	Pentachlorobiphenyl (87)	3.55	7.23		15.9	245 *	43-137	7	0-18
32598-13-3	MSD	3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.55	0.00	U	6.16	174 *	47-142	6	0-22
65510-44-3	MSD	2',3,4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.55	0.00	U	4.02	113	50-150	10	0-30
31508-00-6	MSD	2,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.55	0.00	U	18.3	515 *	47-118	9	0-17
74472-37-0	MSD	2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.55	0.00	U	3.05	86	50-150	7	0-30
74472-48-3	MSD	2,2',3,4,4',6,6'-Heptachlorobi *Heptachlorobiphenyl (184)*	3.55	0.00	U	2.52	71	54-122	10	0-15
35065-27-1	MSD	2,2',4,4',5,5'-Hexachlorob *Hexachlorobiphenyl (153)*	3.55	14.8		30.6	447 *	52-125	2	0-16
32598-14-4	MSD	2,3,3',4,4'-Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.55	0.00	U	6.78	191 *	51-115	13	0-16
35065-28-2	MSD	2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.55	0.00	U	31.7	895 *	55-131	5	0-17
52663-69-1	MSD	2,2',3,4,4',5',6-Heptachlorobi *Heptachlorobiphenyl (183)*	3.55	0.00	U	4.10	116	52-126	13	0-19
57465-28-8	MSD	3,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.55	0.00	U	9.46	267 *	47-122	13	0-16
38380-07-3	MSD	2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.55	0.00	U	7.04	199 *	48-115	7	0-17

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Matrix Spike Duplicate		
Client ID:	20607202618(167604018)MSD	Matrix:	SOIL		
Lab Sample ID:	1201141682	%Moisture:	6		
Instrument:	ECD8A.I	Analysis Date:	07/26/2006 16:55	Dilution:	
Analyst:	KXY1	Prep Batch ID:			
Inj. Vol:	1 uL	Batch ID:	550771		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg		Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
52663-72-6	MSD	2,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.55	0.00	U	2.94	83	50-150	11	0-30
38380-08-4	MSD	2,3,3',4,4',5-Hexachlorobiphei *Hexachlorobiphenyl (156)*	3.55	0.00	U	4.31	121	58-132	10	0-17
69782-90-7	MSD	2,3,3',4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.55	0.00	U	2.64	74	50-150	4	0-30
35065-29-3	MSD	2,2',3,4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (180)*	3.55	0.00	U	4.96	140 *	43-116	12	0-18
32774-16-6	MSD	3,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.55	0.00	U	1.54	43	33-138	2	0-16
35065-30-6	MSD	2,2',3,3',4,4',5-Heptachlorobip *Heptachlorobiphenyl (170)*	3.55	0.00	U	4.30	121 *	49-120	7	0-16
52663-68-0	MSD	2,2',3,4',5,5',6-Heptachlorobip *Heptachlorobiphenyl (187)*	3.55	0.00	U	3.63	102	56-122	15	0-18
52663-78-2	MSD	2,2',3,3',4,4',5,6-Octachlorobi *Octachlorobiphenyl (195)*	3.55	0.00	U	1.93	55	43-113	10	0-17
40186-72-9	MSD	2,2',3,3',4,4',5,5',6-Nonachlor *Nonachlorobiphenyl (206)*	3.55	0.00	U	1.49	42 *	46-129	15	0-19

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Laboratory Control Sample		
Client ID:	LCS for batch 550548	Matrix:	SOIL		
Lab Sample ID:	1201141177				
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 18:37	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550548		
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits
39635-31-9	LCS	2,3,3',4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (189)*	3.33	0.0	3.42	103	70-130
2051-24-3	LCS	Decachlorobiphenyl	3.33	0.0	2.86	86	57-116
34883-43-7	LCS	2,4'-Dichlorobiphenyl (8)	3.33	0.0	3.69	111	51-138
37680-65-2	LCS	2,2',5-Trichlorobiphenyl (18)	3.33	0.0	2.97	89	68-103
7012-37-5	LCS	2,4,4'-Trichlorobiphenyl (28)	3.33	0.0	3.16	95	68-122
35693-99-3	LCS	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.33	0.0	3.52	106	62-132
41464-40-8	LCS	2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.33	0.0	2.72	82	70-109
41464-39-5	LCS	2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.33	0.0	3.32	100	67-125
32598-10-0	LCS	2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.33	0.0	2.87	86	62-110
37680-73-2	LCS	2,2',4,5,5'-Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.33	0.0	3.46	104	59-144
38380-02-8	LCS	Pentachlorobiphenyl (87)	3.33	0.0	2.74	82	62-105
32598-13-3	LCS	3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.33	0.0	3.28	98	69-122
65510-44-3	LCS	2',3,4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.33	0.0	3.11	93	70-130
31508-00-6	LCS	2,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.33	0.0	2.86	86	63-104
74472-37-0	LCS	2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.33	0.0	2.86	86	70-130
74472-48-3	LCS	2,2',3,4,4',6,6'-Heptachlorobip *Heptachlorobiphenyl (184)*	3.33	0.0	3.09	93	67-112
35065-27-1	LCS	2,2',4,4',5,5'-Hexachlorob *Hexachlorobiphenyl (153)*	3.33	0.0	3.06	92	66-112
32598-14-4	LCS	2,3,3',4,4'-Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.33	0.0	2.84	85	65-105
35065-28-2	LCS	2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.33	0.0	3.17	95	64-116
52663-69-1	LCS	2,2',3,4,4',5',6-Heptachlorobip *Heptachlorobiphenyl (183)*	3.33	0.0	2.75	83	68-117
57465-28-8	LCS	3,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.33	0.0	3.20	96	63-117
38380-07-3	LCS	2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.33	0.0	2.87	86	69-105

Quality Control Summary
Spike Recovery Report

SDG Number:	167603–1	Sample Type:	Laboratory Control Sample		
Client ID:	LCS for batch 550548	Matrix:	SOIL		
Lab Sample ID:	1201141177				
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 18:37	Dilution:	
Analyst:	KXY1	Prep Batch ID:			
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits
52663–72–6	LCS	2,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.33	0.0	3.04	91	70–130
38380–08–4	LCS	2,3,3',4,4',5–Hexachlorobiphe *Hexachlorobiphenyl (156)*	3.33	0.0	3.20	96	65–125
69782–90–7	LCS	2,3,3',4,4',5'–Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.33	0.0	3.29	99	70–130
35065–29–3	LCS	2,2',3,4,4',5,5'–Heptachlorobi *Heptachlorobiphenyl (180)*	3.33	0.0	2.70	81	72–105
32774–16–6	LCS	3,3',4,4',5,5'–Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.33	0.0	2.83	85	66–128
35065–30–6	LCS	2,2',3,3',4,4',5–Heptachlorobi *Heptachlorobiphenyl (170)*	3.33	0.0	2.94	88	67–111
52663–68–0	LCS	2,2',3,4',5,5',6–Heptachlorobi *Heptachlorobiphenyl (187)*	3.33	0.0	3.03	91	67–115
52663–78–2	LCS	2,2',3,3',4,4',5,6–Octachlorobi *Octachlorobiphenyl (195)*	3.33	0.0	2.83	85	69–113
40186–72–9	LCS	2,2',3,3',4,4',5,5',6–Nonachlor *Nonachlorobiphenyl (206)*	3.33	0.0	3.16	95	64–133

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Laboratory Control Sample Duplicate		
Client ID:	LCSD for batch 550549	Matrix:	SOIL		
Lab Sample ID:	1201142185				
Instrument:	ECD8A.I	Analysis Date:	07/25/2006 19:03	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550548		
Inj. Vol:	1 uL	Batch ID:	550549		

CAS No	Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
39635-31-9	LCSD 2,3,3',4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (189)*	3.33	0.0	3.74	112	70-130	9	0-25
2051-24-3	LCSD Decachlorobiphenyl	3.33	0.0	3.09	93	57-116	8	0-25
34883-43-7	LCSD 2,4'-Dichlorobiphenyl (8)	3.33	0.0	3.76	113	51-138	2	0-25
37680-65-2	LCSD 2,2',5-Trichlorobiphenyl (18)	3.33	0.0	3.04	91	68-103	3	0-25
7012-37-5	LCSD 2,4,4'-Trichlorobiphenyl (28)	3.33	0.0	3.24	97	68-122	3	0-25
35693-99-3	LCSD 2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.33	0.0	3.67	110	62-132	4	0-25
41464-40-8	LCSD 2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.33	0.0	2.78	83	70-109	2	0-25
41464-39-5	LCSD 2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.33	0.0	3.45	104	67-125	4	0-25
32598-10-0	LCSD 2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.33	0.0	2.99	90	62-110	4	0-25
37680-73-2	LCSD 2,2',4,5,5'-Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.33	0.0	3.58	107	59-144	3	0-25
38380-02-8	LCSD Pentachlorobiphenyl (87)	3.33	0.0	2.86	86	62-105	4	0-25
32598-13-3	LCSD 3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.33	0.0	3.42	103	69-122	4	0-25
65510-44-3	LCSD 2',3,4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.33	0.0	3.27	98	70-130	5	0-25
31508-00-6	LCSD 2,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.33	0.0	3.01	90	63-104	5	0-25
74472-37-0	LCSD 2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.33	0.0	3.02	91	70-130	6	0-25
74472-48-3	LCSD 2,2',3,4,4',6,6'-Heptachlorobip *Heptachlorobiphenyl (184)*	3.33	0.0	3.29	99	67-112	6	0-25
35065-27-1	LCSD 2,2',4,4',5,5'-Hexachlorob *Hexachlorobiphenyl (153)*	3.33	0.0	3.23	97	66-112	5	0-25
32598-14-4	LCSD 2,3,3',4,4'-Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.33	0.0	3.07	92	65-105	8	0-25
35065-28-2	LCSD 2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.33	0.0	3.42	103	64-116	8	0-25
52663-69-1	LCSD 2,2',3,4,4',5',6-Heptachlorobip *Heptachlorobiphenyl (183)*	3.33	0.0	2.98	89	68-117	8	0-25
57465-28-8	LCSD 3,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.33	0.0	3.41	102	63-117	6	0-25
38380-07-3	LCSD 2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.33	0.0	3.15	95	69-105	9	0-25

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	**Sample Type:**	Laboratory Control Sample Duplicate		
Client ID:	LCSD for batch 550549	**Matrix:**	SOIL		
Lab Sample ID:	1201142185				
Instrument:	ECD8A.I	**Analysis Date:**	07/25/2006 19:03	**Dilution:**	
Analyst:	KXY1	**Prep Batch ID:**			
Inj. Vol:	1 uL	**Batch ID:**	550549		

CAS No	Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
52663-72-6	LCSD 2,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.33	0.0	3.35	101	70-130	10	0-25
38380-08-4	LCSD 2,3,3',4,4',5-Hexachlorobiphe *Hexachlorobiphenyl (156)*	3.33	0.0	3.53	106	65-125	10	0-25
69782-90-7	LCSD 2,3,3',4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.33	0.0	3.64	109	70-130	10	0-25
35065-29-3	LCSD 2,2',3,4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (180)*	3.33	0.0	3.00	90	72-105	11	0-25
32774-16-6	LCSD 3,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.33	0.0	3.07	92	66-128	8	0-25
35065-30-6	LCSD 2,2',3,3',4,4',5-Heptachlorobip *Heptachlorobiphenyl (170)*	3.33	0.0	3.21	96	67-111	9	0-25
52663-68-0	LCSD 2,2',3,4',5,5',6-Heptachlorobip *Heptachlorobiphenyl (187)*	3.33	0.0	3.28	99	67-115	8	0-25
52663-78-2	LCSD 2,2',3,3',4,4',5,6-Octachlorobi *Octachlorobiphenyl (195)*	3.33	0.0	3.10	93	69-113	9	0-25
40186-72-9	LCSD 2,2',3,3',4,4',5,5',6-Nonachlor *Nonachlorobiphenyl (206)*	3.33	0.0	3.43	103	64-133	8	0-25

PCB

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Laboratory Control Sample		
Client ID:	LCS for batch 550770	Matrix:	SOIL		
Lab Sample ID:	1201141680				
Instrument:	ECD8A.I	Analysis Date:	07/26/2006 12:08	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550770		
Inj. Vol:	1 uL	Batch ID:	550771		

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits
39635-31-9	LCS	2,3,3',4,4',5,5'-Heptachlorobi *Heptachlorobiphenyl (189)*	3.33	0.0	3.81	114	70-130
2051-24-3	LCS	Decachlorobiphenyl	3.33	0.0	3.01	90	57-116
34883-43-7	LCS	2,4'-Dichlorobiphenyl (8)	3.33	0.0	4.32	130	51-138
37680-65-2	LCS	2,2',5-Trichlorobiphenyl (18)	3.33	0.0	3.33	100	68-103
7012-37-5	LCS	2,4,4'-Trichlorobiphenyl (28)	3.33	0.0	3.74	112	68-122
35693-99-3	LCS	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.33	0.0	4.15	125	62-132
41464-40-8	LCS	2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.33	0.0	3.19	96	70-109
41464-39-5	LCS	2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.33	0.0	3.87	116	67-125
32598-10-0	LCS	2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.33	0.0	3.38	101	62-110
37680-73-2	LCS	2,2',4,5,5'-Pentachlorobiphenyl *Pentachlorobiphenyl (101)*	3.33	0.0	4.11	123	59-144
38380-02-8	LCS	Pentachlorobiphenyl (87)	3.33	0.0	3.14	94	62-105
32598-13-3	LCS	3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.33	0.0	3.92	118	69-122
65510-44-3	LCS	2',3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (123)*	3.33	0.0	3.52	106	70-130
31508-00-6	LCS	2,3',4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (118)*	3.33	0.0	3.32	99	63-104
74472-37-0	LCS	2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.33	0.0	3.35	100	70-130
74472-48-3	LCS	2,2',3,4,4',6,6'-Heptachlorobi *Heptachlorobiphenyl (184)*	3.33	0.0	3.64	109	67-112
35065-27-1	LCS	2,2',4,4',5,5'-Hexachlorob *Hexachlorobiphenyl (153)*	3.33	0.0	3.56	107	66-112
32598-14-4	LCS	2,3,3',4,4'-Pentachlorobiphenyl *Pentachlorobiphenyl (105)*	3.33	0.0	3.29	99	65-105
35065-28-2	LCS	2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.33	0.0	3.67	110	64-116
52663-69-1	LCS	2,2',3,4,4',5',6-Heptachlorobi *Heptachlorobiphenyl (183)*	3.33	0.0	3.09	93	68-117
57465-28-8	LCS	3,3',4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (126)*	3.33	0.0	3.50	105	63-117
38380-07-3	LCS	2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.33	0.0	3.27	98	69-105

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Laboratory Control Sample	
Client ID:	LCS for batch 550770	Matrix:	SOIL	
Lab Sample ID:	1201141680			
Instrument:	ECD8A.I	Analysis Date:	07/26/2006 12:08	Dilution:
Analyst:	KXY1	Prep Batch ID:		
Inj. Vol:	1 uL	Batch ID:	550771	

CAS No		Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits
52663-72-6	LCS	2,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.33	0.0	3.54	106	70-130
38380-08-4	LCS	2,3,3',4,4',5-Hexachlorobiphe *Hexachlorobiphenyl (156)*	3.33	0.0	3.68	110	65-125
69782-90-7	LCS	2,3,3',4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.33	0.0	3.77	113	70-130
35065-29-3	LCS	2,2',3,4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (180)*	3.33	0.0	3.13	94	72-105
32774-16-6	LCS	3,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.33	0.0	3.13	94	66-128
35065-30-6	LCS	2,2',3,3',4,4',5-Heptachlorobip *Heptachlorobiphenyl (170)*	3.33	0.0	3.27	98	67-111
52663-68-0	LCS	2,2',3,4',5,5',6-Heptachlorobip *Heptachlorobiphenyl (187)*	3.33	0.0	3.49	105	67-115
52663-78-2	LCS	2,2',3,3',4,4',5,6-Octachlorobi *Octachlorobiphenyl (195)*	3.33	0.0	3.10	93	69-113
40186-72-9	LCS	2,2',3,3',4,4',5,5',6-Nonachlor *Nonachlorobiphenyl (206)*	3.33	0.0	3.37	101	64-133

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Laboratory Control Sample Duplicate		
Client ID:	LCSD for batch 550770	Matrix:	SOIL		
Lab Sample ID:	1201142450				
Instrument:	ECD8A.I	Analysis Date:	07/26/2006 12:34	Dilution:	1
Analyst:	KXY1	Prep Batch ID:	550770		
Inj. Vol:	1 uL	Batch ID:	550771		

CAS No	Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
39635-31-9	LCSD 2,3,3',4,4',5,5'-Heptachlorobi *Heptachlorobiphenyl (189)*	3.33	0.0	3.73	112	70-130	2	0-25
2051-24-3	LCSD Decachlorobiphenyl	3.33	0.0	2.88	86	57-116	5	0-25
34883-43-7	LCSD 2,4'-Dichlorobiphenyl (8)	3.33	0.0	4.13	124	51-138	5	0-25
37680-65-2	LCSD 2,2',5-Trichlorobiphenyl (18)	3.33	0.0	3.28	99	68-103	1	0-25
7012-37-5	LCSD 2,4,4'-Trichlorobiphenyl (28)	3.33	0.0	3.53	106	68-122	6	0-25
35693-99-3	LCSD 2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	3.33	0.0	3.92	118	62-132	6	0-25
41464-40-8	LCSD 2,2',4,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (49)*	3.33	0.0	3.01	90	70-109	6	0-25
41464-39-5	LCSD 2,2',3,5'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (44)*	3.33	0.0	3.48	104	67-125	11	0-25
32598-10-0	LCSD 2,3'4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (66)*	3.33	0.0	3.15	94	62-110	7	0-25
37680-73-2	LCSD 2,2',4,5,5'-Pentachlorobipheny *Pentachlorobiphenyl (101)*	3.33	0.0	3.84	115	59-144	7	0-25
38380-02-8	LCSD Pentachlorobiphenyl (87)	3.33	0.0	2.58	78	62-105	19	0-25
32598-13-3	LCSD 3,3',4,4'-Tetrachlorobiphenyl (*Tetrachlorobiphenyl (77)*	3.33	0.0	3.56	107	69-122	10	0-25
65510-44-3	LCSD 2',3,4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (123)*	3.33	0.0	3.32	99	70-130	6	0-25
31508-00-6	LCSD 2,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (118)*	3.33	0.0	3.09	93	63-104	7	0-25
74472-37-0	LCSD 2,3,4,4',5-Pentachlorobiphenyl *Pentachlorobiphenyl (114)*	3.33	0.0	3.14	94	70-130	6	0-25
74472-48-3	LCSD 2,2',3,4,4',6,6'-Heptachlorobi *Heptachlorobiphenyl (184)*	3.33	0.0	3.35	100	67-112	8	0-25
35065-27-1	LCSD 2,2',4,4',5,5'-Hexachloro *Hexachlorobiphenyl (153)*	3.33	0.0	3.26	98	66-112	9	0-25
32598-14-4	LCSD 2,3,3',4,4'-Pentachlorobipheny *Pentachlorobiphenyl (105)*	3.33	0.0	3.06	92	65-105	7	0-25
35065-28-2	LCSD 2,2',3,4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (138)*	3.33	0.0	3.43	103	64-116	7	0-25
52663-69-1	LCSD 2,2',3,4,4',5',6-Heptachlorobi *Heptachlorobiphenyl (183)*	3.33	0.0	3.01	90	68-117	3	0-25
57465-28-8	LCSD 3,3',4,4',5-Pentachlorobipheny *Pentachlorobiphenyl (126)*	3.33	0.0	3.51	105	63-117	0	0-25
38380-07-3	LCSD 2,2',3,3',4,4'-Hexachlorobiphe *Hexachlorobiphenyl (128)*	3.33	0.0	3.16	95	69-105	4	0-25

Quality Control Summary
Spike Recovery Report

SDG Number:	167603-1	Sample Type:	Laboratory Control Sample Duplicate		
Client ID:	LCSD for batch 550770	Matrix:	SOIL		
Lab Sample ID:	1201142450				
Instrument:	ECD8A.I	Analysis Date:	07/26/2006 12:34	Dilution:	
Analyst:	KXY1	Prep Batch ID:			
Inj. Vol:	1 uL	Batch ID:	550771		

CAS No	Parmname	Amount Added ug/kg	Sample Conc. ug/kg	Spike Conc. ug/kg	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
52663-72-6	LCSD 2,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (167)*	3.33	0.0	3.33	100	70-130	6	0-25
38380-08-4	LCSD 2,3,3',4,4',5-Hexachlorobiphe *Hexachlorobiphenyl (156)*	3.33	0.0	3.52	106	65-125	4	0-25
69782-90-7	LCSD 2,3,3',4,4',5'-Hexachlorobiphe *Hexachlorobiphenyl (157)*	3.33	0.0	3.63	109	70-130	4	0-25
35065-29-3	LCSD 2,2',3,4,4',5,5'-Heptachlorobip *Heptachlorobiphenyl (180)*	3.33	0.0	2.99	90	72-105	4	0-25
32774-16-6	LCSD 3,3',4,4',5,5'-Hexachlorobiphe *Hexachlorobiphenyl (169)*	3.33	0.0	3.02	91	66-128	4	0-25
35065-30-6	LCSD 2,2',3,3',4,4',5-Heptachlorobip *Heptachlorobiphenyl (170)*	3.33	0.0	3.20	96	67-111	2	0-25
52663-68-0	LCSD 2,2',3,4',5,5',6-Heptachlorobip *Heptachlorobiphenyl (187)*	3.33	0.0	3.33	100	67-115	5	0-25
52663-78-2	LCSD 2,2',3,3',4,4',5,6-Octachlorobi *Octachlorobiphenyl (195)*	3.33	0.0	2.72	82	69-113	13	0-25
40186-72-9	LCSD 2,2',3,3',4,4',5,5',6-Nonachlor *Nonachlorobiphenyl (206)*	3.33	0.0	3.25	97	64-133	4	0-25

Method Blank Summary

SDG Number:	167603-1	Client:	GCAL001	Matrix:	SOIL
Client ID:	MB for batch 550548	Instrument ID:	ECD8A.I_1 ECD8A.I_2	Data File:	009f0901.d 009b0901.d
Lab Sample ID:	1201141176	Prep Date:	07/24/2006 10:00	Analyzed:	07/25/06 18:11

This method blank applies to the following samples and quality control samples:

Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01 LCS for batch 550548	1201141177	010b1001.d 010f1001.d	07/25/06	1837
02 LCSD for batch 550549	1201142185	011b1101.d 011f1101.d	07/25/06	1903
05 20607202601	167604001	024b2401.d 024f2401.d	07/26/06	0042
06 20607202602	167604002	025b2501.d 025f2501.d	07/26/06	0108
07 20607202603	167604003	026b2601.d 026f2601.d	07/26/06	0134
08 20607202604	167604004	027b2701.d 027f2701.d	07/26/06	0200
09 20607202605	167604005	028b2801.d 028f2801.d	07/26/06	0226
10 20607202606	167604006	029b2901.d 029f2901.d	07/26/06	0252
11 20607202607	167604007	030b3001.d 030f3001.d	07/26/06	0318
12 20607202608	167604008	033b3301.d 033f3301.d	07/26/06	0436
13 20607202609	167604009	034b3401.d 034f3401.d	07/26/06	0502
14 20607202610	167604010	035b3501.d 035f3501.d	07/26/06	0528
15 20607202611	167604011	036b3601.d 036f3601.d	07/26/06	0554
16 20607202612	167604012	037b3701.d 037f3701.d	07/26/06	0621

Method Blank Summary

SDG Number:	167603–1	Client:	GCAL001	Matrix:	SOIL
Client ID:	MB for batch 550770	Instrument ID:	ECD8A.I_1 ECD8A.I_2	Data File:	004f0401.d 004b0401.d
Lab Sample ID:	1201141679	Prep Date:	07/24/2006 08:30	Analyzed:	07/26/06 11:42

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	LCS for batch 550770	1201141680	005b0501.d 005f0501.d	07/26/06	1208
02	LCSD for batch 550770	1201142450	006b0601.d 006f0601.d	07/26/06	1234
03	20607202613	167604013	007b0701.d 007f0701.d	07/26/06	1300
04	20607202614	167604014	008b0801.d 008f0801.d	07/26/06	1326
05	20607202615	167604015	009b0901.d 009f0901.d	07/26/06	1352
06	20607202616	167604016	010b1001.d 010f1001.d	07/26/06	1418
07	20607202617	167604017	011b1101.d 011f1101.d	07/26/06	1444
08	20607202618	167604018	014b1401.d 014f1401.d	07/26/06	1603
09	20607202618(167604018)MS	1201141681	015b1501.d 015f1501.d	07/26/06	1629
10	20607202618(167604018)MSD	1201141682	016b1601.d 016f1601.d	07/26/06	1655

SAMPLE DATA

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:30	Matrix:	SOIL
Lab Sample ID:	167604001	Date Received:	07/21/2006 09:30	%Moisture:	14.2
Client Sample:	SI5SB74-147-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202601	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 00:42	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.388	ug/kg	0.225	0.388
2051-24-3	Decachlorobiphenyl	U	0.388	ug/kg	0.388	0.388
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.388	ug/kg	0.272	0.388
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.388	ug/kg	0.324	0.388
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.388	ug/kg	0.241	0.388
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.388	ug/kg	0.218	0.388
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.388	ug/kg	0.160	0.388
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.388	ug/kg	0.138	0.388
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.388	ug/kg	0.172	0.388
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.388	ug/kg	0.204	0.388
38380-02-8	Pentachlorobiphenyl (87)	U	0.388	ug/kg	0.257	0.388
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.388	ug/kg	0.348	0.388
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.388	ug/kg	0.152	0.388
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.388	ug/kg	0.309	0.388
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.388	ug/kg	0.222	0.388
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.388	ug/kg	0.130	0.388
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.388	ug/kg	0.136	0.388
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.388	ug/kg	0.187	0.388
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.388	ug/kg	0.284	0.388
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.388	ug/kg	0.144	0.388
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.388	ug/kg	0.216	0.388

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:30	Matrix:	SOIL
Lab Sample ID:	167604001	Date Received:	07/21/2006 09:30	%Moisture:	14.2
Client Sample:	SI5SB74-147-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202601	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 00:42	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.388	ug/kg	0.187	0.388
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.388	ug/kg	0.136	0.388
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.388	ug/kg	0.144	0.388
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.388	ug/kg	0.251	0.388
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.388	ug/kg	0.126	0.388
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.388	ug/kg	0.255	0.388
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.388	ug/kg	0.118	0.388
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.388	ug/kg	0.112	0.388
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.388	ug/kg	0.122	0.388
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.388	ug/kg	0.124	0.388

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:35	Matrix:	SOIL
Lab Sample ID:	167604002	Date Received:	07/21/2006 09:30	%Moisture:	13.3
Client Sample:	SI5B74-148-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202602	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 01:08	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.384	ug/kg	0.223	0.384
2051-24-3	Decachlorobiphenyl	U	0.384	ug/kg	0.384	0.384
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.384	ug/kg	0.269	0.384
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.384	ug/kg	0.320	0.384
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.384	ug/kg	0.238	0.384
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.384	ug/kg	0.216	0.384
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.384	ug/kg	0.158	0.384
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.384	ug/kg	0.137	0.384
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.384	ug/kg	0.170	0.384
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.384	ug/kg	0.201	0.384
38380-02-8	Pentachlorobiphenyl (87)	U	0.384	ug/kg	0.255	0.384
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.384	ug/kg	0.344	0.384
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.384	ug/kg	0.151	0.384
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.384	ug/kg	0.306	0.384
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.384	ug/kg	0.220	0.384
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.384	ug/kg	0.129	0.384
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	J	0.223	ug/kg	0.135	0.384
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.384	ug/kg	0.185	0.384
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.384	ug/kg	0.281	0.384
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.384	ug/kg	0.143	0.384
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.384	ug/kg	0.213	0.384

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:35	Matrix:	SOIL
Lab Sample ID:	167604002	Date Received:	07/21/2006 09:30	%Moisture:	13.3
Client Sample:	SI5B74-148-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202602	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 01:08	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.384	ug/kg	0.185	0.384
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.384	ug/kg	0.134	0.384
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.384	ug/kg	0.143	0.384
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.384	ug/kg	0.249	0.384
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.384	ug/kg	0.125	0.384
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.384	ug/kg	0.253	0.384
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.384	ug/kg	0.117	0.384
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.384	ug/kg	0.111	0.384
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphen *Octachlorobiphenyl (195)*	U	0.384	ug/kg	0.121	0.384
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.384	ug/kg	0.122	0.384

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:45	Matrix:	SOIL
Lab Sample ID:	167604003	Date Received:	07/21/2006 09:30	%Moisture:	16.8
Client Sample:	SH4SB64-128-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202603	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 01:34	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.401	ug/kg	0.232	0.401
2051-24-3	Decachlorobiphenyl	U	0.401	ug/kg	0.401	0.401
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.401	ug/kg	0.280	0.401
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.401	ug/kg	0.334	0.401
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.401	ug/kg	0.248	0.401
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.401	ug/kg	0.225	0.401
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.401	ug/kg	0.165	0.401
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.401	ug/kg	0.143	0.401
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.401	ug/kg	0.177	0.401
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.401	ug/kg	0.210	0.401
38380-02-8	Pentachlorobiphenyl (87)	U	0.401	ug/kg	0.265	0.401
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.401	ug/kg	0.359	0.401
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.401	ug/kg	0.157	0.401
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.401	ug/kg	0.319	0.401
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.401	ug/kg	0.229	0.401
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.401	ug/kg	0.134	0.401
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.401	ug/kg	0.141	0.401
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.401	ug/kg	0.193	0.401
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.401	ug/kg	0.293	0.401
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.401	ug/kg	0.149	0.401
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.401	ug/kg	0.222	0.401

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**	**Date Collected:**	**07/18/2006 17:45**	**Matrix:**	**SOIL**
Lab Sample ID:	**167604003**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**16.8**
Client Sample:	**SH4SB64-128-(1-2)**	**Client:**	**GCAL001**	**Project:**	**GCAL00106**
Client ID:	**20607202603**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/26/2006 01:34**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.401	ug/kg	0.193	0.401
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.401	ug/kg	0.140	0.401
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.401	ug/kg	0.149	0.401
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.401	ug/kg	0.259	0.401
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.401	ug/kg	0.130	0.401
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.401	ug/kg	0.263	0.401
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.401	ug/kg	0.122	0.401
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.401	ug/kg	0.115	0.401
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphenyl *Octachlorobiphenyl (195)*	U	0.401	ug/kg	0.126	0.401
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.401	ug/kg	0.127	0.401

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:50	Matrix:	SOIL
Lab Sample ID:	167604004	Date Received:	07/21/2006 09:30	%Moisture:	12.3
Client Sample:	SH4SB64-0127-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202604	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 02:00	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.380	ug/kg	0.220	0.380
2051-24-3	Decachlorobiphenyl	U	0.380	ug/kg	0.380	0.380
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.380	ug/kg	0.266	0.380
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.380	ug/kg	0.316	0.380
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.380	ug/kg	0.236	0.380
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		0.435	ug/kg	0.213	0.380
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.380	ug/kg	0.156	0.380
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	P	0.413	ug/kg	0.135	0.380
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.380	ug/kg	0.168	0.380
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		0.629	ug/kg	0.199	0.380
38380-02-8	Pentachlorobiphenyl (87)		0.382	ug/kg	0.251	0.380
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.380	ug/kg	0.340	0.380
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.380	ug/kg	0.149	0.380
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		0.482	ug/kg	0.302	0.380
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.380	ug/kg	0.217	0.380
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.380	ug/kg	0.127	0.380
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.380	ug/kg	0.133	0.380
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.380	ug/kg	0.183	0.380
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		0.779	ug/kg	0.277	0.380
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.380	ug/kg	0.141	0.380
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.380	ug/kg	0.211	0.380

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:50	Matrix:	SOIL
Lab Sample ID:	167604004	Date Received:	07/21/2006 09:30	%Moisture:	12.3
Client Sample:	SH4SB64-0127-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202604	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 02:00	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	J	0.238	ug/kg	0.183	0.380
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.380	ug/kg	0.133	0.380
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.380	ug/kg	0.141	0.380
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.380	ug/kg	0.246	0.380
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	J	0.303	ug/kg	0.123	0.380
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.380	ug/kg	0.250	0.380
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.380	ug/kg	0.115	0.380
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	JP	0.228	ug/kg	0.109	0.380
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.380	ug/kg	0.120	0.380
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		1.34	ug/kg	0.121	0.380

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:00	Matrix:	SOIL
Lab Sample ID:	167604005	Date Received:	07/21/2006 09:30	%Moisture:	17.1
Client Sample:	SF4SB46-092-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202605	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 02:26	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.402	ug/kg	0.233	0.402
2051-24-3	Decachlorobiphenyl	U	0.402	ug/kg	0.402	0.402
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.402	ug/kg	0.281	0.402
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.402	ug/kg	0.335	0.402
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.402	ug/kg	0.249	0.402
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.402	ug/kg	0.226	0.402
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.402	ug/kg	0.165	0.402
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.402	ug/kg	0.143	0.402
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.402	ug/kg	0.178	0.402
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.402	ug/kg	0.211	0.402
38380-02-8	Pentachlorobiphenyl (87)	U	0.402	ug/kg	0.266	0.402
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.402	ug/kg	0.360	0.402
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.402	ug/kg	0.158	0.402
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.402	ug/kg	0.320	0.402
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.402	ug/kg	0.230	0.402
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.402	ug/kg	0.135	0.402
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.402	ug/kg	0.141	0.402
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.402	ug/kg	0.194	0.402
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.402	ug/kg	0.294	0.402
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.402	ug/kg	0.149	0.402
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.402	ug/kg	0.223	0.402

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:00	Matrix:	SOIL
Lab Sample ID:	167604005	Date Received:	07/21/2006 09:30	%Moisture:	17.1
Client Sample:	SF4SB46-092-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202605	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 02:26	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.402	ug/kg	0.194	0.402
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.402	ug/kg	0.140	0.402
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.402	ug/kg	0.150	0.402
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.402	ug/kg	0.260	0.402
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.402	ug/kg	0.131	0.402
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.402	ug/kg	0.264	0.402
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.402	ug/kg	0.122	0.402
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.402	ug/kg	0.116	0.402
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphenj *Octachlorobiphenyl (195)*	U	0.402	ug/kg	0.127	0.402
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.402	ug/kg	0.128	0.402

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:50	Matrix:	SOIL
Lab Sample ID:	167604006	Date Received:	07/21/2006 09:30	%Moisture:	6.1
Client Sample:	SH5SB66-131-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202606	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 02:52	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.355	ug/kg	0.206	0.355
2051-24-3	Decachlorobiphenyl	U	0.355	ug/kg	0.355	0.355
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.355	ug/kg	0.248	0.355
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.355	ug/kg	0.296	0.355
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.355	ug/kg	0.220	0.355
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.355	ug/kg	0.199	0.355
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.355	ug/kg	0.146	0.355
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.355	ug/kg	0.126	0.355
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.355	ug/kg	0.157	0.355
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	J	0.284	ug/kg	0.186	0.355
38380-02-8	Pentachlorobiphenyl (87)	U	0.355	ug/kg	0.235	0.355
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.355	ug/kg	0.318	0.355
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.355	ug/kg	0.139	0.355
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.355	ug/kg	0.283	0.355
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.355	ug/kg	0.203	0.355
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.355	ug/kg	0.119	0.355
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.355	ug/kg	0.125	0.355
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.355	ug/kg	0.171	0.355
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		0.490	ug/kg	0.259	0.355
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.355	ug/kg	0.132	0.355
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.355	ug/kg	0.197	0.355

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:50	Matrix:	SOIL
Lab Sample ID:	167604006	Date Received:	07/21/2006 09:30	%Moisture:	6.1
Client Sample:	SH5SB66-131-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202606	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 02:52	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.355	ug/kg	0.171	0.355
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.355	ug/kg	0.124	0.355
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.355	ug/kg	0.132	0.355
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.355	ug/kg	0.230	0.355
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	J	0.133	ug/kg	0.115	0.355
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.355	ug/kg	0.233	0.355
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.355	ug/kg	0.108	0.355
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.355	ug/kg	0.102	0.355
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.355	ug/kg	0.112	0.355
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.355	ug/kg	0.113	0.355

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 17:55	Matrix:	SOIL
Lab Sample ID:	167604007	Date Received:	07/21/2006 09:30	%Moisture:	15.6
Client Sample:	SH5SB66-132-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202607	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 03:18	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.395	ug/kg	0.229	0.395
2051-24-3	Decachlorobiphenyl	U	0.395	ug/kg	0.395	0.395
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.395	ug/kg	0.277	0.395
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.395	ug/kg	0.329	0.395
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.395	ug/kg	0.245	0.395
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.395	ug/kg	0.222	0.395
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.395	ug/kg	0.162	0.395
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.395	ug/kg	0.141	0.395
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.395	ug/kg	0.175	0.395
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.395	ug/kg	0.207	0.395
38380-02-8	Pentachlorobiphenyl (87)	U	0.395	ug/kg	0.262	0.395
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.395	ug/kg	0.354	0.395
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.395	ug/kg	0.155	0.395
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.395	ug/kg	0.314	0.395
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.395	ug/kg	0.226	0.395
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.395	ug/kg	0.132	0.395
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.395	ug/kg	0.139	0.395
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.395	ug/kg	0.190	0.395
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.395	ug/kg	0.288	0.395
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.395	ug/kg	0.147	0.395
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.395	ug/kg	0.219	0.395

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**	**Date Collected:**	**07/18/2006 17:55**	**Matrix:**	**SOIL**
Lab Sample ID:	**167604007**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**15.6**
Client Sample:	**SH5SB66-132-(1-2)**	**Client:**	**GCAL001**	**Project:**	**GCAL00106**
Client ID:	**20607202607**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/26/2006 03:18**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.395	ug/kg	0.190	0.395
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.395	ug/kg	0.138	0.395
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.395	ug/kg	0.147	0.395
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.395	ug/kg	0.256	0.395
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.395	ug/kg	0.128	0.395
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.395	ug/kg	0.260	0.395
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.395	ug/kg	0.120	0.395
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.395	ug/kg	0.114	0.395
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.395	ug/kg	0.124	0.395
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.395	ug/kg	0.126	0.395

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 18:30	Matrix:	SOIL
Lab Sample ID:	167604008	Date Received:	07/21/2006 09:30	%Moisture:	17.9
Client Sample:	SH4SB65-130-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202608	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 04:36	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.406	ug/kg	0.236	0.406
2051-24-3	Decachlorobiphenyl	U	0.406	ug/kg	0.406	0.406
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.406	ug/kg	0.284	0.406
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.406	ug/kg	0.338	0.406
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.406	ug/kg	0.252	0.406
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.406	ug/kg	0.228	0.406
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.406	ug/kg	0.167	0.406
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.406	ug/kg	0.145	0.406
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.406	ug/kg	0.180	0.406
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.406	ug/kg	0.213	0.406
38380-02-8	Pentachlorobiphenyl (87)	U	0.406	ug/kg	0.269	0.406
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.406	ug/kg	0.364	0.406
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.406	ug/kg	0.159	0.406
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.406	ug/kg	0.323	0.406
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.406	ug/kg	0.232	0.406
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.406	ug/kg	0.136	0.406
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.406	ug/kg	0.143	0.406
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.406	ug/kg	0.196	0.406
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.406	ug/kg	0.297	0.406
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.406	ug/kg	0.151	0.406
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.406	ug/kg	0.225	0.406

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 18:30	Matrix:	SOIL
Lab Sample ID:	167604008	Date Received:	07/21/2006 09:30	%Moisture:	17.9
Client Sample:	SH4SB65-130-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202608	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 04:36	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.406	ug/kg	0.196	0.406
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.406	ug/kg	0.142	0.406
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1. *Hexachlorobiphenyl (156)*	U	0.406	ug/kg	0.151	0.406
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.406	ug/kg	0.263	0.406
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.406	ug/kg	0.132	0.406
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.406	ug/kg	0.267	0.406
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.406	ug/kg	0.123	0.406
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.406	ug/kg	0.117	0.406
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.406	ug/kg	0.128	0.406
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.406	ug/kg	0.129	0.406

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**	**Date Collected:**	**07/18/2006 18:25**	**Matrix:**	**SOIL**
Lab Sample ID:	**167604009**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**13.9**
Client Sample:	**SH4SB65-129-(0-0.5)**	**Client:**	**GCAL001**	**Project:**	**GCAL00106**
Client ID:	**20607202609**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/26/2006 05:02**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.387	ug/kg	0.224	0.387
2051-24-3	Decachlorobiphenyl	U	0.387	ug/kg	0.387	0.387
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.387	ug/kg	0.271	0.387
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.387	ug/kg	0.322	0.387
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.387	ug/kg	0.240	0.387
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.387	ug/kg	0.217	0.387
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.387	ug/kg	0.159	0.387
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.387	ug/kg	0.138	0.387
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.387	ug/kg	0.171	0.387
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.387	ug/kg	0.203	0.387
38380-02-8	Pentachlorobiphenyl (87)	U	0.387	ug/kg	0.256	0.387
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.387	ug/kg	0.347	0.387
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.387	ug/kg	0.152	0.387
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.387	ug/kg	0.308	0.387
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.387	ug/kg	0.221	0.387
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.387	ug/kg	0.130	0.387
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.387	ug/kg	0.136	0.387
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.387	ug/kg	0.186	0.387
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.387	ug/kg	0.282	0.387
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.387	ug/kg	0.144	0.387
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.387	ug/kg	0.215	0.387

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 18:25	Matrix:	SOIL
Lab Sample ID:	167604009	Date Received:	07/21/2006 09:30	%Moisture:	13.9
Client Sample:	SH4SB65-129-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202609	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 05:02	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.387	ug/kg	0.186	0.387
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.387	ug/kg	0.135	0.387
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.387	ug/kg	0.144	0.387
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.387	ug/kg	0.250	0.387
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.387	ug/kg	0.126	0.387
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.387	ug/kg	0.254	0.387
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.387	ug/kg	0.118	0.387
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.387	ug/kg	0.111	0.387
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphenyl *Octachlorobiphenyl (195)*	U	0.387	ug/kg	0.122	0.387
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.387	ug/kg	0.123	0.387

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**	**Date Collected:**	**07/18/2006 18:00**	**Matrix:**	**SOIL**
Lab Sample ID:	**167604010**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**14.1**
Client Sample:	**SI4SB72-144-(1-2)**	**Client:**	**GCAL001**	**Project:**	**GCAL00106**
Client ID:	**20607202610**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/26/2006 05:28**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.388	ug/kg	0.225	0.388
2051-24-3	Decachlorobiphenyl	U	0.388	ug/kg	0.388	0.388
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.388	ug/kg	0.272	0.388
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.388	ug/kg	0.323	0.388
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.388	ug/kg	0.241	0.388
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.388	ug/kg	0.218	0.388
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.388	ug/kg	0.160	0.388
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.388	ug/kg	0.138	0.388
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.388	ug/kg	0.172	0.388
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.388	ug/kg	0.203	0.388
38380-02-8	Pentachlorobiphenyl (87)	U	0.388	ug/kg	0.257	0.388
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.388	ug/kg	0.348	0.388
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.388	ug/kg	0.152	0.388
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.388	ug/kg	0.309	0.388
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.388	ug/kg	0.222	0.388
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.388	ug/kg	0.130	0.388
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.388	ug/kg	0.136	0.388
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.388	ug/kg	0.187	0.388
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.388	ug/kg	0.283	0.388
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.388	ug/kg	0.144	0.388
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.388	ug/kg	0.215	0.388

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 18:00	Matrix:	SOIL
Lab Sample ID:	167604010	Date Received:	07/21/2006 09:30	%Moisture:	14.1
Client Sample:	SI4SB72-144-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202610	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 05:28	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.388	ug/kg	0.187	0.388
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.388	ug/kg	0.135	0.388
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.388	ug/kg	0.144	0.388
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.388	ug/kg	0.251	0.388
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.388	ug/kg	0.126	0.388
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.388	ug/kg	0.255	0.388
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.388	ug/kg	0.118	0.388
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.388	ug/kg	0.112	0.388
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.388	ug/kg	0.122	0.388
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.388	ug/kg	0.123	0.388

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 18:05	Matrix:	SOIL
Lab Sample ID:	167604011	Date Received:	07/21/2006 09:30	%Moisture:	15.7
Client Sample:	SI4SB72-143-(0-0.5)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202611	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 05:54	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.395	ug/kg	0.229	0.395
2051-24-3	Decachlorobiphenyl	U	0.395	ug/kg	0.395	0.395
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.395	ug/kg	0.277	0.395
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.395	ug/kg	0.329	0.395
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.395	ug/kg	0.245	0.395
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.395	ug/kg	0.222	0.395
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.395	ug/kg	0.163	0.395
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.395	ug/kg	0.141	0.395
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.395	ug/kg	0.175	0.395
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.395	ug/kg	0.207	0.395
38380-02-8	Pentachlorobiphenyl (87)	U	0.395	ug/kg	0.262	0.395
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.395	ug/kg	0.354	0.395
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.395	ug/kg	0.155	0.395
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.395	ug/kg	0.315	0.395
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.395	ug/kg	0.226	0.395
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.395	ug/kg	0.132	0.395
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.395	ug/kg	0.139	0.395
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.395	ug/kg	0.191	0.395
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.395	ug/kg	0.289	0.395
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.395	ug/kg	0.147	0.395
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.395	ug/kg	0.219	0.395

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**	**Date Collected:**	**07/18/2006 18:05**	**Matrix:**	**SOIL**
Lab Sample ID:	**167604011**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**15.7**
Client Sample:	**SI4SB72-143-(0-0.5)**	**Client:**	**GCAL001**	**Project:**	**GCAL00106**
Client ID:	**20607202611**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/26/2006 05:54**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.395	ug/kg	0.191	0.395
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.395	ug/kg	0.138	0.395
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.395	ug/kg	0.147	0.395
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.395	ug/kg	0.256	0.395
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.395	ug/kg	0.129	0.395
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.395	ug/kg	0.260	0.395
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.395	ug/kg	0.120	0.395
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.395	ug/kg	0.114	0.395
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.395	ug/kg	0.125	0.395
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.395	ug/kg	0.126	0.395

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 09:30	Matrix:	SOIL
Lab Sample ID:	167604012	Date Received:	07/21/2006 09:30	%Moisture:	17.9
Client Sample:	SF6SB50-100-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202612	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 06:21	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.406	ug/kg	0.236	0.406
2051-24-3	Decachlorobiphenyl	U	0.406	ug/kg	0.406	0.406
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.406	ug/kg	0.284	0.406
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.406	ug/kg	0.338	0.406
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.406	ug/kg	0.252	0.406
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		0.509	ug/kg	0.228	0.406
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.406	ug/kg	0.167	0.406
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	JP	0.253	ug/kg	0.145	0.406
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.406	ug/kg	0.179	0.406
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		0.524	ug/kg	0.213	0.406
38380-02-8	Pentachlorobiphenyl (87)	J	0.292	ug/kg	0.269	0.406
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.406	ug/kg	0.364	0.406
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.406	ug/kg	0.159	0.406
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	J	0.372	ug/kg	0.323	0.406
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.406	ug/kg	0.232	0.406
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.406	ug/kg	0.136	0.406
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	P	0.490	ug/kg	0.143	0.406
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.406	ug/kg	0.196	0.406
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		0.408	ug/kg	0.296	0.406
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.406	ug/kg	0.151	0.406
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.406	ug/kg	0.225	0.406

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 09:30	Matrix:	SOIL
Lab Sample ID:	167604012	Date Received:	07/21/2006 09:30	%Moisture:	17.9
Client Sample:	SF6SB50-100-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202612	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 06:21	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.406	ug/kg	0.196	0.406
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.406	ug/kg	0.142	0.406
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1. *Hexachlorobiphenyl (156)*	U	0.406	ug/kg	0.151	0.406
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.406	ug/kg	0.263	0.406
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.406	ug/kg	0.132	0.406
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.406	ug/kg	0.267	0.406
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.406	ug/kg	0.123	0.406
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.406	ug/kg	0.117	0.406
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphen *Octachlorobiphenyl (195)*	U	0.406	ug/kg	0.128	0.406
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.406	ug/kg	0.129	0.406

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 09:20	Matrix:	SOIL
Lab Sample ID:	167604013	Date Received:	07/21/2006 09:30	%Moisture:	15.6
Client Sample:	SF6SB50-134-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202613	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 13:00	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.395	ug/kg	0.229	0.395
2051-24-3	Decachlorobiphenyl	U	0.395	ug/kg	0.395	0.395
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.395	ug/kg	0.276	0.395
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.395	ug/kg	0.329	0.395
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.395	ug/kg	0.245	0.395
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.395	ug/kg	0.222	0.395
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.395	ug/kg	0.162	0.395
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.395	ug/kg	0.141	0.395
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.395	ug/kg	0.175	0.395
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.395	ug/kg	0.207	0.395
38380-02-8	Pentachlorobiphenyl (87)	U	0.395	ug/kg	0.261	0.395
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.395	ug/kg	0.354	0.395
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.395	ug/kg	0.155	0.395
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.395	ug/kg	0.314	0.395
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.395	ug/kg	0.226	0.395
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.395	ug/kg	0.132	0.395
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.395	ug/kg	0.139	0.395
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.395	ug/kg	0.190	0.395
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.395	ug/kg	0.288	0.395
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.395	ug/kg	0.147	0.395
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.395	ug/kg	0.219	0.395

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 09:20	Matrix:	SOIL
Lab Sample ID:	167604013	Date Received:	07/21/2006 09:30	%Moisture:	15.6
Client Sample:	SF6SB50-134-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202613	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 13:00	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.395	ug/kg	0.190	0.395
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.395	ug/kg	0.138	0.395
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1. *Hexachlorobiphenyl (156)*	U	0.395	ug/kg	0.147	0.395
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.395	ug/kg	0.256	0.395
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.395	ug/kg	0.128	0.395
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.395	ug/kg	0.260	0.395
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.395	ug/kg	0.120	0.395
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.395	ug/kg	0.114	0.395
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.395	ug/kg	0.124	0.395
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.395	ug/kg	0.126	0.395

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 09:45	Matrix:	SOIL
Lab Sample ID:	167604014	Date Received:	07/21/2006 09:30	%Moisture:	16.4
Client Sample:	SG7SB60-120-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202614	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 13:26	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.399	ug/kg	0.231	0.399
2051-24-3	Decachlorobiphenyl	U	0.399	ug/kg	0.399	0.399
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.399	ug/kg	0.279	0.399
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.399	ug/kg	0.332	0.399
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.399	ug/kg	0.247	0.399
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.399	ug/kg	0.224	0.399
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.399	ug/kg	0.164	0.399
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.399	ug/kg	0.142	0.399
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.399	ug/kg	0.176	0.399
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.399	ug/kg	0.209	0.399
38380-02-8	Pentachlorobiphenyl (87)	U	0.399	ug/kg	0.264	0.399
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.399	ug/kg	0.357	0.399
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.399	ug/kg	0.156	0.399
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.399	ug/kg	0.318	0.399
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.399	ug/kg	0.228	0.399
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.399	ug/kg	0.134	0.399
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.399	ug/kg	0.140	0.399
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.399	ug/kg	0.192	0.399
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.399	ug/kg	0.291	0.399
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.399	ug/kg	0.148	0.399
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.399	ug/kg	0.221	0.399

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**	**Date Collected:**	**07/19/2006 09:45**	**Matrix:**	**SOIL**
Lab Sample ID:	**167604014**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**16.4**
Client Sample:	**SG7SB60-120-(1-2)**	**Client:**	**GCAL001**	**Project:**	**GCAL00106**
Client ID:	**20607202614**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550771**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/26/2006 13:26**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 08:30**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.399	ug/kg	0.192	0.399
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.399	ug/kg	0.139	0.399
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.399	ug/kg	0.148	0.399
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.399	ug/kg	0.258	0.399
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.399	ug/kg	0.130	0.399
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.399	ug/kg	0.262	0.399
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.399	ug/kg	0.121	0.399
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.399	ug/kg	0.115	0.399
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphen *Octachlorobiphenyl (195)*	U	0.399	ug/kg	0.126	0.399
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.399	ug/kg	0.127	0.399

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 16:00	Matrix:	SOIL
Lab Sample ID:	167604015	Date Received:	07/21/2006 09:30	%Moisture:	24.2
Client Sample:	SG3SB55-110-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202615	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 13:52	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.440	ug/kg	0.255	0.440
2051-24-3	Decachlorobiphenyl	U	0.440	ug/kg	0.440	0.440
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.440	ug/kg	0.308	0.440
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.440	ug/kg	0.366	0.440
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.440	ug/kg	0.273	0.440
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.440	ug/kg	0.247	0.440
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.440	ug/kg	0.181	0.440
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.440	ug/kg	0.157	0.440
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.440	ug/kg	0.194	0.440
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.440	ug/kg	0.230	0.440
38380-02-8	Pentachlorobiphenyl (87)	U	0.440	ug/kg	0.291	0.440
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.440	ug/kg	0.394	0.440
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.440	ug/kg	0.172	0.440
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.440	ug/kg	0.350	0.440
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.440	ug/kg	0.251	0.440
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.440	ug/kg	0.147	0.440
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.440	ug/kg	0.154	0.440
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.440	ug/kg	0.212	0.440
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.440	ug/kg	0.321	0.440
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.440	ug/kg	0.163	0.440
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.440	ug/kg	0.244	0.440

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 16:00	Matrix:	SOIL
Lab Sample ID:	167604015	Date Received:	07/21/2006 09:30	%Moisture:	24.2
Client Sample:	SG3SB55-110-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202615	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 13:52	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.440	ug/kg	0.212	0.440
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.440	ug/kg	0.153	0.440
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.440	ug/kg	0.164	0.440
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.440	ug/kg	0.284	0.440
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.440	ug/kg	0.143	0.440
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.440	ug/kg	0.289	0.440
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.440	ug/kg	0.134	0.440
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.440	ug/kg	0.127	0.440
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.440	ug/kg	0.138	0.440
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.440	ug/kg	0.140	0.440

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 12:10	Matrix:	SOIL
Lab Sample ID:	167604016	Date Received:	07/21/2006 09:30	%Moisture:	12.7
Client Sample:	SD5SB35-070-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202616	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	20
Run Date:	07/26/2006 14:18	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	7.63	ug/kg	4.43	7.63
2051-24-3	Decachlorobiphenyl		23.7	ug/kg	7.63	7.63
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	7.63	ug/kg	5.34	7.63
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	7.63	ug/kg	6.36	7.63
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	7.63	ug/kg	4.73	7.63
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		33.6	ug/kg	4.29	7.63
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	7.63	ug/kg	3.14	7.63
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		19.8	ug/kg	2.72	7.63
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	7.63	ug/kg	3.37	7.63
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		44.5	ug/kg	4.00	7.63
38380-02-8	Pentachlorobiphenyl (87)		25.7	ug/kg	5.05	7.63
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	7.63	ug/kg	6.84	7.63
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	7.63	ug/kg	2.99	7.63
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		36.3	ug/kg	6.08	7.63
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	7.63	ug/kg	4.37	7.63
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	7.63	ug/kg	2.56	7.63
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		50.1	ug/kg	2.68	7.63
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	P	14.9	ug/kg	3.68	7.63
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		43.2	ug/kg	5.57	7.63
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	J	5.81	ug/kg	2.83	7.63
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	7.63	ug/kg	4.24	7.63

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 12:10	Matrix:	SOIL
Lab Sample ID:	167604016	Date Received:	07/21/2006 09:30	%Moisture:	12.7
Client Sample:	SD5SB35-070-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202616	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	20
Run Date:	07/26/2006 14:18	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		8.36	ug/kg	3.68	7.63
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	7.63	ug/kg	2.66	7.63
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	J	6.13	ug/kg	2.84	7.63
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	7.63	ug/kg	4.94	7.63
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		18.3	ug/kg	2.48	7.63
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	7.63	ug/kg	5.01	7.63
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	P	11.2	ug/kg	2.32	7.63
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		13.4	ug/kg	2.20	7.63
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphen *Octachlorobiphenyl (195)*	U	7.63	ug/kg	2.40	7.63
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	J	4.82	ug/kg	2.43	7.63

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 11:15	Matrix:	SOIL
Lab Sample ID:	167604017	Date Received:	07/21/2006 09:30	%Moisture:	11.4
Client Sample:	SE4SB40-080-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202617	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 14:44	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.376	ug/kg	0.218	0.376
2051-24-3	Decachlorobiphenyl	U	0.376	ug/kg	0.376	0.376
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.376	ug/kg	0.263	0.376
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.376	ug/kg	0.314	0.376
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.376	ug/kg	0.233	0.376
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.376	ug/kg	0.212	0.376
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.376	ug/kg	0.155	0.376
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.376	ug/kg	0.134	0.376
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.376	ug/kg	0.166	0.376
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.376	ug/kg	0.197	0.376
38380-02-8	Pentachlorobiphenyl (87)	U	0.376	ug/kg	0.249	0.376
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.376	ug/kg	0.337	0.376
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.376	ug/kg	0.148	0.376
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.376	ug/kg	0.300	0.376
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.376	ug/kg	0.215	0.376
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.376	ug/kg	0.126	0.376
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.376	ug/kg	0.132	0.376
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.376	ug/kg	0.181	0.376
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.376	ug/kg	0.275	0.376
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.376	ug/kg	0.140	0.376
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.376	ug/kg	0.209	0.376

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 11:15	Matrix:	SOIL
Lab Sample ID:	167604017	Date Received:	07/21/2006 09:30	%Moisture:	11.4
Client Sample:	SE4SB40-080-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202617	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 14:44	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.376	ug/kg	0.181	0.376
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.376	ug/kg	0.131	0.376
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.376	ug/kg	0.140	0.376
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.376	ug/kg	0.244	0.376
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.376	ug/kg	0.122	0.376
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.376	ug/kg	0.247	0.376
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.376	ug/kg	0.114	0.376
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.376	ug/kg	0.108	0.376
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.376	ug/kg	0.119	0.376
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.376	ug/kg	0.120	0.376

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 13:40	Matrix:	SOIL
Lab Sample ID:	167604018	Date Received:	07/21/2006 09:30	%Moisture:	6
Client Sample:	SC6SB30-060-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202618	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 16:03	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.355	ug/kg	0.206	0.355
2051-24-3	Decachlorobiphenyl	U	0.355	ug/kg	0.355	0.355
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.355	ug/kg	0.248	0.355
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.355	ug/kg	0.295	0.355
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.355	ug/kg	0.220	0.355
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		7.34	ug/kg	0.199	0.355
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.355	ug/kg	0.146	0.355
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		2.25	ug/kg	0.126	0.355
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.355	ug/kg	0.157	0.355
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		13.6	ug/kg	0.186	0.355
38380-02-8	Pentachlorobiphenyl (87)		7.23	ug/kg	0.235	0.355
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.355	ug/kg	0.318	0.355
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.355	ug/kg	0.139	0.355
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.355	ug/kg	0.282	0.355
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.355	ug/kg	0.203	0.355
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.355	ug/kg	0.119	0.355
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		14.8	ug/kg	0.124	0.355
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.355	ug/kg	0.171	0.355
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.355	ug/kg	0.259	0.355
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.355	ug/kg	0.132	0.355
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.355	ug/kg	0.197	0.355

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/19/2006 13:40	Matrix:	SOIL
Lab Sample ID:	167604018	Date Received:	07/21/2006 09:30	%Moisture:	6
Client Sample:	SC6SB30-060-(1-2)	Client:	GCAL001	Project:	GCAL00106
Client ID:	20607202618	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 16:03	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.355	ug/kg	0.171	0.355
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.355	ug/kg	0.124	0.355
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.355	ug/kg	0.132	0.355
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.355	ug/kg	0.229	0.355
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.355	ug/kg	0.115	0.355
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.355	ug/kg	0.233	0.355
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.355	ug/kg	0.108	0.355
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.355	ug/kg	0.102	0.355
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.355	ug/kg	0.112	0.355
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.355	ug/kg	0.113	0.355

STANDARDS DATA

000195

187677

Report Date: 02-Aug-2006 12:06

Calibration History

Method : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Start Cal Date: 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 10.00000		
06-JUL-2006 11:52	AR1660	/chem/ecd8a.i/070606c.b/009f0901.d
25-JUL-2006 15:07	CONG1	/chem/ecd8a.i/072506d.b/002f0201.d
Cal Level: 2 , Cal Amount: 50.00000		
06-JUL-2006 12:18	AR1660	/chem/ecd8a.i/070606c.b/010f1001.d
25-JUL-2006 15:33	CONG1	/chem/ecd8a.i/072506d.b/003f0301.d
Cal Level: 3 , Cal Amount: 100.00000		
06-JUL-2006 12:44	AR1660	/chem/ecd8a.i/070606c.b/011f1101.d
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004f0401.d
Cal Level: 4 , Cal Amount: 250.00000		
28-JUN-2006 22:37	AR1221	/chem/ecd8a.i/062806c.b/018f1801.d
28-JUN-2006 22:11	AR1232	/chem/ecd8a.i/062806c.b/017f1701.d
28-JUN-2006 21:45	AR1248	/chem/ecd8a.i/062806c.b/016f1601.d
06-JUL-2006 10:08	AR1242	/chem/ecd8a.i/070606c.b/005f0501.d
06-JUL-2006 09:42	AR1254	/chem/ecd8a.i/070606c.b/004f0401.d
06-JUL-2006 13:10	AR1660	/chem/ecd8a.i/070606c.b/012f1201.d
25-JUL-2006 16:26	CONG1	/chem/ecd8a.i/072506d.b/005f0501.d
Cal Level: 5 , Cal Amount: 500.00000		
06-JUL-2006 13:36	AR1660	/chem/ecd8a.i/070606c.b/013f1301.d
25-JUL-2006 16:52	CONG1	/chem/ecd8a.i/072506d.b/006f0601.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 3

Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 06:47	CONG1	/chem/ecd8a.i/072506d.b/038f3801.d
Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 03:44	CONG1	/chem/ecd8a.i/072506d.b/031f3101.d
Ccal Level: 3 , Ccal Amount: 100		

25-JUL-2006 22:32	CONG1	/chem/ecd8a.i/072506d.b/019f1901.d
Ccal Level: 3 , Ccal Amount: 100		
25-JUL-2006 17:18	CONG1	/chem/ecd8a.i/072506d.b/007f0701.d
Ccal Level: 3 , Ccal Amount: 100		
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004f0401.d

Report Date: 02-Aug-2006 12:06

Calibration History

Method : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Start Cal Date: 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 10.00000		
06-JUL-2006 11:52	AR1660	/chem/ecd8a.i/070606c.b/009b0901.d
25-JUL-2006 15:07	CONG1	/chem/ecd8a.i/072506d.b/002b0201.d
Cal Level: 2 , Cal Amount: 50.00000		
06-JUL-2006 12:18	AR1660	/chem/ecd8a.i/070606c.b/010b1001.d
25-JUL-2006 15:33	CONG1	/chem/ecd8a.i/072506d.b/003b0301.d
Cal Level: 3 , Cal Amount: 100.00000		
06-JUL-2006 12:44	AR1660	/chem/ecd8a.i/070606c.b/011b1101.d
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004b0401.d
Cal Level: 4 , Cal Amount: 250.00000		
28-JUN-2006 22:37	AR1221	/chem/ecd8a.i/062806c.b/018b1801.d
28-JUN-2006 22:11	AR1232	/chem/ecd8a.i/062806c.b/017b1701.d
28-JUN-2006 21:45	AR1248	/chem/ecd8a.i/062806c.b/016b1601.d
06-JUL-2006 10:08	AR1242	/chem/ecd8a.i/070606c.b/005b0501.d
06-JUL-2006 09:42	AR1254	/chem/ecd8a.i/070606c.b/004b0401.d
06-JUL-2006 13:10	AR1660	/chem/ecd8a.i/070606c.b/012b1201.d
25-JUL-2006 16:26	CONG1	/chem/ecd8a.i/072506d.b/005b0501.d
Cal Level: 5 , Cal Amount: 500.00000		
06-JUL-2006 13:36	AR1660	/chem/ecd8a.i/070606c.b/013b1301.d
25-JUL-2006 16:52	CONG1	/chem/ecd8a.i/072506d.b/006b0601.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 3

Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 06:47	CONG1	/chem/ecd8a.i/072506d.b/038b3801.d
Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 03:44	CONG1	/chem/ecd8a.i/072506d.b/031b3101.d
Ccal Level: 3 , Ccal Amount: 100		
25-JUL-2006 22:32	CONG1	/chem/ecd8a.i/072506d.b/019b1901.d
Ccal Level: 3 , Ccal Amount: 100		

25-JUL-2006 17:18	CONG1	/chem/ecd8a.i/072506d.b/007b0701.d
Ccal Level: 3 , Ccal Amount: 100		
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004b0401.d

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Quant Method : ESTD Target Version : 3.50
Last Update : 29-Jul-2006 14:31 Number of Cpnds : 42
Data Type : GC MULTI COMP

Global Integrator : Falcon

Chromat Events	Values
Initial:Start Threshold	50.000000
Initial:End Threshold	100.000000
Initial:Area Threshold	5000.000000
Initial:P-P Resolution	1.000000
Initial:Bunch Factor	8.000000
Initial:Negative Peaks	OFF
Initial:Tension	1.100000

Compound	RT	RT Window	RF
2 Aroclor-1221	3.619	3.599-3.639	2.620e+03
	3.853	3.833-3.873	1.328e+03
	3.918	3.898-3.938	6.227e+03
$ 10 4cmx	3.318	3.298-3.338	2.811e+05
3 Aroclor-1232	3.919	3.899-3.939	5.168e+03
	4.508	4.488-4.528	4.116e+03
	5.494	5.474-5.514	3.261e+03
	5.598	5.578-5.618	1.978e+03
	6.898	6.878-6.918	2.202e+03
66 2,4'-Dichlorobiphenyl (8)	3.927	3.907-3.947	4.914e+04
67 2,2',5-Trichlorobiphenyl (	4.505	4.485-4.525	5.939e+04
4 Aroclor-1242	4.508	4.488-4.528	8.295e+03
	5.494	5.474-5.514	6.265e+03
	5.598	5.578-5.618	3.710e+03
	6.750	6.730-6.770	2.584e+03
	6.899	6.879-6.919	4.649e+03
1 Aroclor-1016	5.494	5.474-5.514	8.471e+03
	5.596	5.576-5.616	4.906e+03
	5.825	5.805-5.845	4.983e+03
	5.859	5.839-5.879	5.041e+03
	6.186	6.166-6.206	6.514e+03
68 2,4,4'-Trichlorobiphenyl (	5.285	5.265-5.305	1.419e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m

Compound	RT	RT Window	RF
5 Aroclor-1248	5.824	5.804-5.844	5.501e+03
	6.185	6.165-6.205	6.916e+03
	6.749	6.729-6.769	3.991e+03
	6.897	6.877-6.917	7.852e+03
	7.278	7.258-7.298	6.438e+03
69 Tetrachlorobiphenyl (52)	5.830	5.810-5.850	9.518e+04
70 Tetrachlorobiphenyl (49)	5.864	5.844-5.884	1.387e+05
71 Tetrachlorobiphenyl (44)	6.190	6.170-6.210	1.358e+05
6 Aroclor-1254	6.828	6.808-6.848	8.739e+03
	7.285	7.265-7.305	1.156e+04
	8.050	8.030-8.070	1.468e+04
	8.652	8.632-8.672	1.080e+04
	9.086	9.066-9.106	1.082e+04
72 Tetrachlorobiphenyl (66)	6.945	6.925-6.965	1.510e+05
73 Pentachlorobiphenyl (101)	7.292	7.272-7.312	1.459e+05
74 Pentachlorobiphenyl (87)	7.809	7.789-7.829	1.951e+05
92 Tetrachlorobiphenyl (81)	7.940	7.920-7.960	1.189e+05
75 Tetrachlorobiphenyl (77)	8.240	8.220-8.260	8.483e+04
7 Aroclor-1260	8.450	8.430-8.470	1.336e+04
	10.068	10.048-10.088	1.014e+04
	10.703	10.683-10.723	1.068e+04
	11.596	11.576-11.616	2.289e+04
	12.405	12.385-12.425	1.258e+04
62 Pentachlorobiphenyl (123)	8.581	8.561-8.601	1.617e+05
76 Pentachlorobiphenyl (118)	8.659	8.639-8.679	1.662e+05
61 Pentachlorobiphenyl (114)	8.776	8.756-8.796	2.246e+05
78 Hexachlorobiphenyl (153)	9.100	9.080-9.120	1.715e+05
77 Heptachlorobiphenyl (184)	8.824	8.804-8.844	1.619e+05
79 Pentachlorobiphenyl (105)	9.276	9.256-9.296	2.130e+05
80 Hexachlorobiphenyl (138)	9.762	9.742-9.782	2.083e+05
83 Pentachlorobiphenyl (126)	10.220	10.200-10.240	1.006e+05
81 Heptachlorobiphenyl (187)	10.078	10.058-10.098	1.889e+05
82 Heptachlorobiphenyl (183)	10.197	10.177-10.217	2.321e+05
65 Hexachlorobiphenyl (167)	10.638	10.618-10.658	1.929e+05
84 Hexachlorobiphenyl (128)	10.478	10.458-10.498	2.405e+05
86 Hexachlorobiphenyl (156)	11.188	11.168-11.208	2.465e+05
63 Hexachlorobiphenyl (157)	11.369	11.349-11.389	2.273e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m

Compound	RT	RT Window	RF
8 Aroclor-1262	9.785	9.765-9.805	
	10.773	10.753-10.793	
	11.191	11.171-11.211	
	12.386	12.366-12.406	
	12.496	12.476-12.516	
87 Heptachlorobiphenyl (180)	11.605	11.585-11.625	2.466e+05
89 Hexachlorobiphenyl (169)	12.494	12.474-12.514	1.604e+05
88 Heptachlorobiphenyl (170)	12.414	12.394-12.434	2.493e+05
64 Heptachlorobiphenyl (189)	13.467	13.447-13.487	2.168e+05
90 Octachlorobiphenyl (195)	13.548	13.528-13.568	2.693e+05
91 Nonachlorobiphenyl (206)	15.418	15.398-15.438	2.096e+05
9 Aroclor-1268	12.493	12.473-12.513	
	12.578	12.558-12.598	
	13.034	13.014-13.054	
	13.961	13.941-13.981	
	14.751	14.731-14.771	
11 Decachlorobiphenyl	16.068	16.048-16.088	1.885e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Quant Method : ESTD Target Version : 3.50
Last Update : 29-Jul-2006 14:30 Number of Cpnds : 42
Data Type : GC MULTI COMP

Global Integrator : Falcon

Chromat Events	Values
Initial:Start Threshold	100.000000
Initial:End Threshold	200.000000
Initial:Area Threshold	10000.000000
Initial:P-P Resolution	1.000000
Initial:Bunch Factor	4.000000
Initial:Negative Peaks	OFF
Initial:Tension	1.000000

Compound	RT	RT Window	RF
2 Aroclor-1221	5.004	4.984-5.024	1.557e+03
	5.259	5.239-5.279	1.098e+03
	5.368	5.348-5.388	4.164e+03
$ 10 4cmx	4.442	4.422-4.462	2.122e+05
3 Aroclor-1232	6.543	6.523-6.563	1.018e+03
	7.182	7.162-7.202	2.181e+03
	7.374	7.354-7.394	1.317e+03
	7.601	7.581-7.621	1.092e+03
	8.150	8.130-8.170	1.607e+03
1 Aroclor-1016	7.182	7.162-7.202	6.989e+03
	7.375	7.355-7.395	4.200e+03
	7.601	7.581-7.621	4.282e+03
	7.681	7.661-7.701	4.459e+03
	8.151	8.131-8.171	5.587e+03
66 2,4'-Dichlorobiphenyl (8)	5.371	5.351-5.391	3.739e+04
4 Aroclor-1242	6.922	6.902-6.942	5.697e+03
	7.183	7.163-7.203	5.344e+03
	7.374	7.354-7.394	3.326e+03
	7.601	7.581-7.621	3.082e+03
	8.151	8.131-8.171	4.424e+03
67 2,2',5-Trichlorobiphenyl (	6.113	6.093-6.133	4.636e+04

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m

Compound	RT	RT Window	RF
5 Aroclor-1248	7.600	7.580-7.620	4.126e+03
	8.149	8.129-8.169	5.244e+03
	8.415	8.395-8.435	5.373e+03
	9.039	9.019-9.059	6.020e+03
	9.138	9.118-9.158	6.683e+03
68 2,4,4'-Trichlorobiphenyl (	6.949	6.929-6.969	1.026e+05
69 Tetrachlorobiphenyl (52)	7.603	7.583-7.623	7.036e+04
70 Tetrachlorobiphenyl (49)	7.683	7.663-7.703	8.890e+04
71 Tetrachlorobiphenyl (44)	8.151	8.131-8.171	9.433e+04
72 Tetrachlorobiphenyl (66)	9.145	9.125-9.165	1.115e+05
73 Pentachlorobiphenyl (101)	9.630	9.610-9.650	9.704e+04
6 Aroclor-1254	9.628	9.608-9.648	9.732e+03
	10.512	10.492-10.532	7.064e+03
	10.832	10.812-10.852	1.323e+04
	11.512	11.492-11.532	9.493e+03
	12.067	12.047-12.087	6.155e+03
92 Tetrachlorobiphenyl (81)	10.518	10.498-10.538	1.154e+05
74 Pentachlorobiphenyl (87)	10.517	10.497-10.537	1.154e+05
75 Tetrachlorobiphenyl (77)	10.917	10.897-10.937	6.623e+04
62 Pentachlorobiphenyl (123)	11.435	11.415-11.455	1.173e+05
76 Pentachlorobiphenyl (118)	11.513	11.493-11.533	1.202e+05
7 Aroclor-1260	11.403	11.383-11.423	1.050e+04
	12.067	12.047-12.087	1.256e+04
	13.467	13.447-13.487	8.113e+03
	14.416	14.396-14.436	8.666e+03
	15.336	15.316-15.356	1.818e+04
78 Hexachlorobiphenyl (153)	12.069	12.049-12.089	1.149e+05
77 Heptachlorobiphenyl (184)	11.964	11.944-11.984	1.264e+05
61 Pentachlorobiphenyl (114)	11.875	11.855-11.895	1.766e+05
8 Aroclor-1262	11.232	11.212-11.252	
	11.662	11.642-11.682	
	12.657	12.637-12.677	
	13.377	13.357-13.397	
	15.115	15.095-15.135	
79 Pentachlorobiphenyl (105)	12.533	12.513-12.553	1.573e+05
80 Hexachlorobiphenyl (138)	13.149	13.129-13.169	1.438e+05
81 Heptachlorobiphenyl (187)	13.471	13.451-13.491	1.241e+05
82 Heptachlorobiphenyl (183)	13.643	13.623-13.663	1.505e+05
83 Pentachlorobiphenyl (126)	13.531	13.511-13.551	7.976e+04
65 Hexachlorobiphenyl (167)	14.002	13.982-14.022	1.271e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m

Compound	RT	RT Window	RF
84 Hexachlorobiphenyl (128)	14.274	14.254-14.294	1.707e+05
86 Hexachlorobiphenyl (156)	14.920	14.900-14.940	1.782e+05
87 Heptachlorobiphenyl (180)	15.338	15.318-15.358	1.621e+05
63 Hexachlorobiphenyl (157)	15.193	15.173-15.213	1.555e+05
89 Hexachlorobiphenyl (169)	16.233	16.213-16.253	1.041e+05
88 Heptachlorobiphenyl (170)	16.594	16.574-16.614	1.756e+05
64 Heptachlorobiphenyl (189)	17.540	17.520-17.560	1.569e+05
9 Aroclor-1268	15.111	15.091-15.131	
	15.240	15.220-15.260	
	15.990	15.970-16.010	
	16.979	16.959-16.999	
	18.051	18.031-18.071	
90 Octachlorobiphenyl (195)	18.083	18.063-18.103	1.648e+05
91 Nonachlorobiphenyl (206)	19.998	19.978-20.018	1.282e+05
11 Decachlorobiphenyl	20.712	20.692-20.732	1.089e+05

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:31 kho01178

Calibration File Names:
Level 1: /chem/ecd8a.i/070606c.b/009f0901.d
Level 2: /chem/ecd8a.i/070606c.b/010f1001.d
Level 3: /chem/ecd8a.i/070606c.b/011f1101.d
Level 4: /chem/ecd8a.i/062806c.b/018f1801.d
Level 5: /chem/ecd8a.i/070606c.b/013f1301.d

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
2 Aroclor-1221(1)	+++++	+++++	+++++	2620	+++++	AVRG		2620		0.000e+00
(2)	+++++	+++++	+++++	1328	+++++	AVRG		1328		0.000e+00
(3)	+++++	+++++	+++++	6227	+++++	AVRG		6227		0.000e+00
3 Aroclor-1232(1)	+++++	+++++	+++++	5168	+++++	AVRG		5168		0.000e+00
(2)	+++++	+++++	+++++	4116	+++++	AVRG		4116		0.000e+00
(3)	+++++	+++++	+++++	3261	+++++	AVRG		3261		0.000e+00
(4)	+++++	+++++	+++++	1978	+++++	AVRG		1978		0.000e+00
(5)	+++++	+++++	+++++	2202	+++++	AVRG		2202		0.000e+00
66 2,4'-Dichlorobiphenyl (8)	746579	2957103	5854759	13181575	24943637	LINR	-12.05901	49143		0.99900
67 2,2',5-Trichlorobiphenyl (18)	927768	3673521	7205231	15968542	30221826	LINR	-13.30793	59390		0.99890
4 Aroclor-1242(1)	+++++	+++++	+++++	8295	+++++	AVRG		8295		0.000e+00
(2)	+++++	+++++	+++++	6265	+++++	AVRG		6265		0.000e+00
(3)	+++++	+++++	+++++	3710	+++++	AVRG		3710		0.000e+00
(4)	+++++	+++++	+++++	2584	+++++	AVRG		2584		0.000e+00
(5)	+++++	+++++	+++++	4649	+++++	AVRG		4649		0.000e+00
1 Aroclor-1016(1)	9686	9008	8557	7781	7320	AVRG		8471		11.15898
(2)	5475	5145	4948	4508	4456	AVRG		4906		8.78635
(3)	5696	5400	4964	4528	4328	AVRG		4983		11.52121
(4)	5962	5280	5093	4597	4273	AVRG		5041		12.90991
(5)	7424	6901	6535	6008	5702	AVRG		6514		10.56285

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General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:31 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
68 2,4,4'-Trichlorobiphenyl (28)	167164	141250	142212	131445	127307	AVRG		141876		10.92548
5 Aroclor-1248(1)	+++++	+++++	+++++	5501	+++++	AVRG		5501		0.000e+00
(2)	+++++	+++++	+++++	6916	+++++	AVRG		6916		0.000e+00
(3)	+++++	+++++	+++++	3991	+++++	AVRG		3991		0.000e+00
(4)	+++++	+++++	+++++	7852	+++++	AVRG		7852		0.000e+00
(5)	+++++	+++++	+++++	6438	+++++	AVRG		6438		0.000e+00
69 Tetrachlorobiphenyl (52)	118433	96308	94391	84947	81832	AVRG		95182		15.09256
70 Tetrachlorobiphenyl (49)	171204	140765	139381	125577	116364	AVRG		138658		15.00846
71 Tetrachlorobiphenyl (44)	168359	136689	135915	122484	115589	AVRG		135807		14.94009
6 Aroclor-1254(1)	+++++	+++++	+++++	8739	+++++	AVRG		8739		0.000e+00
(2)	+++++	+++++	+++++	11557	+++++	AVRG		11557		0.000e+00
(3)	+++++	+++++	+++++	14678	+++++	AVRG		14678		0.000e+00
(4)	+++++	+++++	+++++	10796	+++++	AVRG		10796		0.000e+00
(5)	+++++	+++++	+++++	10819	+++++	AVRG		10819		0.000e+00
72 Tetrachlorobiphenyl (66)	173249	150219	153572	142802	135338	AVRG		151036		9.44926
73 Pentachlorobiphenyl (101)	181312	146385	145225	131582	125240	AVRG		145949		14.88005
74 Pentachlorobiphenyl (87)	227660	195971	197830	180797	173374	AVRG		195126		10.70402
92 Tetrachlorobiphenyl (81)	135211	119973	119296	112004	108208	AVRG		118938		8.70942
75 Tetrachlorobiphenyl (77)	1120484	4691178	9382556	22057399	42787747	LINR	-6.70158	84832		0.99971
7 Aroclor-1260(1)	15474	14131	13369	12298	11546	AVRG		13363		11.52168
(2)	11498	10616	10106	9357	9131	AVRG		10142		9.48527
(3)	11987	11141	10677	9881	9738	AVRG		10685		8.68667
(4)	25014	23691	23083	21606	21077	AVRG		22894		6.94806
(5)	13843	13015	12530	11723	11783	AVRG		12579		7.06285

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:31 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
62 Pentachlorobiphenyl (123)	183356	161610	164454	152481	146680	AVRG		161716		8.67458
76 Pentachlorobiphenyl (118)	194708	166151	167552	154337	148182	AVRG		166186		10.76384
61 Pentachlorobiphenyl (114)	236579	224620	232231	217340	212066	AVRG		224567		4.51678
78 Hexachlorobiphenyl (153)	208139	170599	171593	157039	150304	AVRG		171535		13.04083
77 Heptachlorobiphenyl (184)	2658374	10250529	20049417	44690680	82330939	LINR	-15.64923	161883		0.99802
79 Pentachlorobiphenyl (105)	248418	205747	216278	201055	193751	AVRG		213050		10.04229
80 Hexachlorobiphenyl (138)	242097	208687	211676	193483	185653	AVRG		208319		10.42403
83 Pentachlorobiphenyl (126)	116311	103382	107645	85161	90416	AVRG		100583		12.63720
81 Heptachlorobiphenyl (187)	227750	187895	189940	173139	165873	AVRG		188919		12.66534
82 Heptachlorobiphenyl (183)	267865	229940	233455	222344	206887	AVRG		232098		9.67308
65 Hexachlorobiphenyl (167)	231332	194218	193822	175452	169478	AVRG		192860		12.52118
84 Hexachlorobiphenyl (128)	282886	240449	244037	221964	212920	AVRG		240451		11.22375
86 Hexachlorobiphenyl (156)	269999	244244	253403	236379	228439	AVRG		246493		6.52144
63 Hexachlorobiphenyl (157)	264615	226211	230604	211186	203944	AVRG		227312		10.33978
8 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
87 Heptachlorobiphenyl (180)	300672	247005	245748	223946	215622	AVRG		246599		13.44573
89 Hexachlorobiphenyl (169)	184132	159839	161053	150268	146458	AVRG		160350		9.14938
88 Heptachlorobiphenyl (170)	283194	247816	253554	236273	225802	AVRG		249328		8.72032
64 Heptachlorobiphenyl (189)	227044	212926	222709	213093	208044	AVRG		216763		3.61242
90 Octachlorobiphenyl (195)	325097	269556	268721	247425	235566	AVRG		269273		12.77078

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General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:31 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
91 Nonachlorobiphenyl (206)	247294	207202	209714	195868	187784	AVRG		209572		10.90997
9 Arcclor-1268(1)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
11 Decachlorobiphenyl	227751	186946	187053	174187	166420	AVRG		188472		12.54890
$ 10 4cmx	312972	270984	283110	269865	268512	AVRG		281089		6.67189

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

201

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General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:30 kho01178
Curve Type : Average

Calibration File Names:
Level 1: /chem/ecd8a.i/070606c.b/009b0901.d
Level 2: /chem/ecd8a.i/070606c.b/010b1001.d
Level 3: /chem/ecd8a.i/070606c.b/011b1101.d
Level 4: /chem/ecd8a.i/062806c.b/018b1801.d
Level 5: /chem/ecd8a.i/070606c.b/013b1301.d

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	RRF	% RSD
2 Aroclor-1221(1)	+++++	+++++	+++++	1557	+++++	1557	0.000
(2)	+++++	+++++	+++++	1098	+++++	1098	0.000
(3)	+++++	+++++	+++++	4164	+++++	4164	0.000
3 Aroclor-1232(1)	+++++	+++++	+++++	1018	+++++	1018	0.000
(2)	+++++	+++++	+++++	2181	+++++	2181	0.000
(3)	+++++	+++++	+++++	1317	+++++	1317	0.000
(4)	+++++	+++++	+++++	1092	+++++	1092	0.000
(5)	+++++	+++++	+++++	1607	+++++	1607	0.000
1 Aroclor-1016(1)	7692	7177	7277	6653	6148	6989	8.564
(2)	4461	4223	4375	4044	3898	4200	5.512
(3)	4735	4376	4459	4056	3782	4282	8.630
(4)	4952	4551	4649	4217	3927	4459	8.893
(5)	6067	5636	5760	5362	5111	5587	6.571
66 2,4'-Dichlorobiphenyl (8)	42728	36327	37283	35355	35268	37392	8.274
4 Aroclor-1242(1)	+++++	+++++	+++++	5697	+++++	5697	0.000
(2)	+++++	+++++	+++++	5344	+++++	5344	0.000
(3)	+++++	+++++	+++++	3326	+++++	3326	0.000
(4)	+++++	+++++	+++++	3082	+++++	3082	0.000
(5)	+++++	+++++	+++++	4424	+++++	4424	0.000
67 2,2',5-Trichlorobiphenyl (18)	52587	45023	46500	43986	43700	46359	7.873
5 Aroclor-1248(1)	+++++	+++++	+++++	4126	+++++	4126	0.000
(2)	+++++	+++++	+++++	5244	+++++	5244	0.000
(3)	+++++	+++++	+++++	5373	+++++	5373	0.000
(4)	+++++	+++++	+++++	6020	+++++	6020	0.000
(5)	+++++	+++++	+++++	6683	+++++	6683	0.000
68 2,4,4'-Trichlorobiphenyl (28)	102866	97274	103925	102726	106179	102594	3.196

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:30 kho01178
Curve Type : Average

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	___ RRF	% RSD
69 Tetrachlorobiphenyl (52)	76008	66955	70442	68422	69949	70355	4.894
70 Tetrachlorobiphenyl (49)	97022	84392	89015	86215	87871	88903	5.469
71 Tetrachlorobiphenyl (44)	101154	90025	95015	92008	93448	94330	4.490
72 Tetrachlorobiphenyl (66)	110894	104017	112895	112690	116888	111477	4.226
73 Pentachlorobiphenyl (101)	105417	90429	96897	94628	97852	97045	5.653
6 Aroclor-1254(1)	+++++	+++++	+++++	9732	+++++	9732	0.000
(2)	+++++	+++++	+++++	7064	+++++	7064	0.000
(3)	+++++	+++++	+++++	13227	+++++	13227	0.000
(4)	+++++	+++++	+++++	9493	+++++	9493	0.000
(5)	+++++	+++++	+++++	6155	+++++	6155	0.000
92 Tetrachlorobiphenyl (81)	118000	108548	116653	115172	118555	115385	3.501
74 Pentachlorobiphenyl (87)	118000	108548	116653	115172	118555	115385	3.501
75 Tetrachlorobiphenyl (77)	66055	61454	66853	66976	69790	66226	4.559
62 Pentachlorobiphenyl (123)	116046	109309	118379	118878	123971	117317	4.542
76 Pentachlorobiphenyl (118)	131963	113187	118891	116458	120588	120217	5.932
7 Aroclor-1260(1)	11177	10055	10854	10045	10365	10499	4.778
(2)	12713	12064	13115	12162	12742	12559	3.493
(3)	8331	7785	8440	7854	8157	8113	3.543
(4)	8836	8324	9044	8409	8718	8666	3.450
(5)	17808	17289	18582	17805	19393	18176	4.524
78 Hexachlorobiphenyl (153)	126751	108507	113567	111168	114262	114851	6.117
77 Heptachlorobiphenyl (184)	141172	119760	124923	121514	124712	126416	6.749
61 Pentachlorobiphenyl (114)	167182	163786	179201	182044	190734	176589	6.262
8 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
79 Pentachlorobiphenyl (105)	156188	146435	158059	159405	166407	157299	4.576
80 Hexachlorobiphenyl (138)	149541	134658	143567	142622	148556	143789	4.123
81 Heptachlorobiphenyl (187)	132208	116838	124109	120988	126109	124050	4.634
82 Heptachlorobiphenyl (183)	164178	143043	149115	146096	150238	150534	5.398
83 Pentachlorobiphenyl (126)	74578	73865	80260	83407	86714	79765	6.966

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072506d.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 14:30 kho01178
Curve Type : Average

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	RRF	% RSD
65 Hexachlorobiphenyl (167)	132757	119560	126572	126072	130747	127142	4.000
84 Hexachlorobiphenyl (128)	179829	160349	170099	168695	174746	170743	4.256
86 Hexachlorobiphenyl (156)	174478	165467	179098	181514	190623	178236	5.189
87 Heptachlorobiphenyl (180)	174664	152964	160444	158325	164337	162147	5.004
63 Hexachlorobiphenyl (157)	156136	145738	156051	156436	163262	155525	4.030
89 Hexachlorobiphenyl (169)	107692	97698	103899	103273	107974	104107	4.007
88 Heptachlorobiphenyl (170)	183052	163898	175576	174154	181274	175591	4.288
64 Heptachlorobiphenyl (189)	160333	145704	156855	156912	164915	156944	4.521
9 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
90 Octachlorobiphenyl (195)	171326	154124	165177	163057	170301	164797	4.182
91 Nonachlorobiphenyl (206)	136652	121175	127296	125517	130552	128238	4.519
11 Decachlorobiphenyl	117032	102539	107826	106840	110475	108942	4.910
$ 10 4cmx	208355	195642	212351	215223	229257	212165	5.720

Report Date: 08-Aug-2006 15:15

Calibration History

Method : /chem/ecd8a.i/072606c.b/ECD2-F-8082CONG-072506.m
Start Cal Date: 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 10.00000		
06-JUL-2006 11:52	AR1660	/chem/ecd8a.i/070606c.b/009f0901.d
25-JUL-2006 15:07	CONG1	/chem/ecd8a.i/072506d.b/002f0201.d
Cal Level: 2 , Cal Amount: 50.00000		
06-JUL-2006 12:18	AR1660	/chem/ecd8a.i/070606c.b/010f1001.d
25-JUL-2006 15:33	CONG1	/chem/ecd8a.i/072506d.b/003f0301.d
Cal Level: 3 , Cal Amount: 100.00000		
06-JUL-2006 12:44	AR1660	/chem/ecd8a.i/070606c.b/011f1101.d
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004f0401.d
Cal Level: 4 , Cal Amount: 250.00000		
28-JUN-2006 22:37	AR1221	/chem/ecd8a.i/062806c.b/018f1801.d
28-JUN-2006 22:11	AR1232	/chem/ecd8a.i/062806c.b/017f1701.d
28-JUN-2006 21:45	AR1248	/chem/ecd8a.i/062806c.b/016f1601.d
06-JUL-2006 10:08	AR1242	/chem/ecd8a.i/070606c.b/005f0501.d
06-JUL-2006 09:42	AR1254	/chem/ecd8a.i/070606c.b/004f0401.d
06-JUL-2006 13:10	AR1660	/chem/ecd8a.i/070606c.b/012f1201.d
25-JUL-2006 16:26	CONG1	/chem/ecd8a.i/072506d.b/005f0501.d
Cal Level: 5 , Cal Amount: 500.00000		
06-JUL-2006 13:36	AR1660	/chem/ecd8a.i/070606c.b/013f1301.d
25-JUL-2006 16:52	CONG1	/chem/ecd8a.i/072506d.b/006f0601.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 3

Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 17:21	CONG1	/chem/ecd8a.i/072606c.b/017f1701.d
Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 15:10	CONG1	/chem/ecd8a.i/072606c.b/012f1201.d
Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 10:30	CONG1	/chem/ecd8a.i/072606c.b/002f0201.d

Report Date: 08-Aug-2006 15:14

Calibration History

Method : /chem/ecd8a.i/072606c.b/ECD2-B-8082CONG-072506.m
Start Cal Date: 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 10.00000		
06-JUL-2006 11:52	AR1660	/chem/ecd8a.i/070606c.b/009b0901.d
25-JUL-2006 15:07	CONG1	/chem/ecd8a.i/072506d.b/002b0201.d
Cal Level: 2 , Cal Amount: 50.00000		
06-JUL-2006 12:18	AR1660	/chem/ecd8a.i/070606c.b/010b1001.d
25-JUL-2006 15:33	CONG1	/chem/ecd8a.i/072506d.b/003b0301.d
Cal Level: 3 , Cal Amount: 100.00000		
06-JUL-2006 12:44	AR1660	/chem/ecd8a.i/070606c.b/011b1101.d
25-JUL-2006 16:00	CONG1	/chem/ecd8a.i/072506d.b/004b0401.d
Cal Level: 4 , Cal Amount: 250.00000		
28-JUN-2006 22:37	AR1221	/chem/ecd8a.i/062806c.b/018b1801.d
28-JUN-2006 22:11	AR1232	/chem/ecd8a.i/062806c.b/017b1701.d
28-JUN-2006 21:45	AR1248	/chem/ecd8a.i/062806c.b/016b1601.d
06-JUL-2006 10:08	AR1242	/chem/ecd8a.i/070606c.b/005b0501.d
06-JUL-2006 09:42	AR1254	/chem/ecd8a.i/070606c.b/004b0401.d
06-JUL-2006 13:10	AR1660	/chem/ecd8a.i/070606c.b/012b1201.d
25-JUL-2006 16:26	CONG1	/chem/ecd8a.i/072506d.b/005b0501.d
Cal Level: 5 , Cal Amount: 500.00000		
06-JUL-2006 13:36	AR1660	/chem/ecd8a.i/070606c.b/013b1301.d
25-JUL-2006 16:52	CONG1	/chem/ecd8a.i/072506d.b/006b0601.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 3

Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 17:21	CONG1	/chem/ecd8a.i/072606c.b/017b1701.d
Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 15:10	CONG1	/chem/ecd8a.i/072606c.b/012b1201.d
Ccal Level: 3 , Ccal Amount: 100		
26-JUL-2006 10:30	CONG1	/chem/ecd8a.i/072606c.b/002b0201.d

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072606c.b/ECD2-F-8082CONG-072506.m
Quant Method : ESTD Target Version : 3.50
Last Update : 29-Jul-2006 16:18 Number of Cpnds : 42
Data Type : GC MULTI COMP

Global Integrator : Falcon

Chromat Events	Values
Initial:Start Threshold	50.000000
Initial:End Threshold	100.000000
Initial:Area Threshold	5000.000000
Initial:P-P Resolution	1.000000
Initial:Bunch Factor	8.000000
Initial:Negative Peaks	OFF
Initial:Tension	1.100000

Compound	RT	RT Window	RF
2 Aroclor-1221	3.619	3.599-3.639	2.620e+03
	3.853	3.833-3.873	1.328e+03
	3.918	3.898-3.938	6.227e+03
$ 10 4cmx	3.316	3.296-3.336	2.811e+05
3 Aroclor-1232	3.919	3.899-3.939	5.168e+03
	4.508	4.488-4.528	4.116e+03
	5.494	5.474-5.514	3.261e+03
	5.598	5.578-5.618	1.978e+03
	6.898	6.878-6.918	2.202e+03
66 2,4'-Dichlorobiphenyl (8)	3.926	3.906-3.946	4.914e+04
67 2,2',5-Trichlorobiphenyl (	4.506	4.486-4.526	5.939e+04
4 Aroclor-1242	4.508	4.488-4.528	8.295e+03
	5.494	5.474-5.514	6.265e+03
	5.598	5.578-5.618	3.710e+03
	6.750	6.730-6.770	2.584e+03
	6.899	6.879-6.919	4.649e+03
1 Aroclor-1016	5.494	5.474-5.514	8.471e+03
	5.596	5.576-5.616	4.906e+03
	5.825	5.805-5.845	4.983e+03
	5.859	5.839-5.879	5.041e+03
	6.186	6.166-6.206	6.514e+03
68 2,4,4'-Trichlorobiphenyl (	5.285	5.265-5.305	1.419e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072606c.b/ECD2-F-8082CONG-072506.m

Compound	RT	RT Window	RF
5 Aroclor-1248	5.824	5.804-5.844	5.501e+03
	6.185	6.165-6.205	6.916e+03
	6.749	6.729-6.769	3.991e+03
	6.897	6.877-6.917	7.852e+03
	7.278	7.258-7.298	6.438e+03
69 Tetrachlorobiphenyl (52)	5.828	5.808-5.848	9.518e+04
70 Tetrachlorobiphenyl (49)	5.864	5.844-5.884	1.387e+05
71 Tetrachlorobiphenyl (44)	6.189	6.169-6.209	1.358e+05
6 Aroclor-1254	6.828	6.808-6.848	8.739e+03
	7.285	7.265-7.305	1.156e+04
	8.050	8.030-8.070	1.468e+04
	8.652	8.632-8.672	1.080e+04
	9.086	9.066-9.106	1.082e+04
72 Tetrachlorobiphenyl (66)	6.944	6.924-6.964	1.510e+05
73 Pentachlorobiphenyl (101)	7.292	7.272-7.312	1.459e+05
74 Pentachlorobiphenyl (87)	7.808	7.788-7.828	1.951e+05
92 Tetrachlorobiphenyl (81)	7.941	7.921-7.961	1.189e+05
75 Tetrachlorobiphenyl (77)	8.240	8.220-8.260	8.483e+04
7 Aroclor-1260	8.450	8.430-8.470	1.336e+04
	10.068	10.048-10.088	1.014e+04
	10.703	10.683-10.723	1.068e+04
	11.596	11.576-11.616	2.289e+04
	12.405	12.385-12.425	1.258e+04
62 Pentachlorobiphenyl (123)	8.582	8.562-8.602	1.617e+05
76 Pentachlorobiphenyl (118)	8.659	8.639-8.679	1.662e+05
61 Pentachlorobiphenyl (114)	8.777	8.757-8.797	2.246e+05
78 Hexachlorobiphenyl (153)	9.100	9.080-9.120	1.715e+05
77 Heptachlorobiphenyl (184)	8.823	8.803-8.843	1.619e+05
79 Pentachlorobiphenyl (105)	9.275	9.255-9.295	2.130e+05
80 Hexachlorobiphenyl (138)	9.762	9.742-9.782	2.083e+05
83 Pentachlorobiphenyl (126)	10.225	10.205-10.245	1.006e+05
81 Heptachlorobiphenyl (187)	10.077	10.057-10.097	1.889e+05
82 Heptachlorobiphenyl (183)	10.197	10.177-10.217	2.321e+05
65 Hexachlorobiphenyl (167)	10.635	10.615-10.655	1.929e+05
84 Hexachlorobiphenyl (128)	10.478	10.458-10.498	2.405e+05
86 Hexachlorobiphenyl (156)	11.188	11.168-11.208	2.465e+05
63 Hexachlorobiphenyl (157)	11.369	11.349-11.389	2.273e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072606c.b/ECD2-F-8082CONG-072506.m

Compound	RT	RT Window	RF
8 Aroclor-1262	9.785	9.765-9.805	
	10.773	10.753-10.793	
	11.191	11.171-11.211	
	12.386	12.366-12.406	
	12.496	12.476-12.516	
87 Heptachlorobiphenyl (180)	11.604	11.584-11.624	2.466e+05
89 Hexachlorobiphenyl (169)	12.496	12.476-12.516	1.604e+05
88 Heptachlorobiphenyl (170)	12.414	12.394-12.434	2.493e+05
64 Heptachlorobiphenyl (189)	13.468	13.448-13.488	2.168e+05
90 Octachlorobiphenyl (195)	13.548	13.528-13.568	2.693e+05
91 Nonachlorobiphenyl (206)	15.418	15.398-15.438	2.096e+05
9 Aroclor-1268	12.493	12.473-12.513	
	12.578	12.558-12.598	
	13.034	13.014-13.054	
	13.961	13.941-13.981	
	14.751	14.731-14.771	
11 Decachlorobiphenyl	16.068	16.048-16.088	1.885e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072606c.b/ECD2-B-8082CONG-072506.m
Quant Method : ESTD Target Version : 3.50
Last Update : 29-Jul-2006 16:52 Number of Cpnds : 42
Data Type : GC MULTI COMP

Global Integrator : Falcon

Chromat Events	Values
Initial:Start Threshold	100.000000
Initial:End Threshold	200.000000
Initial:Area Threshold	10000.000000
Initial:P-P Resolution	1.000000
Initial:Bunch Factor	4.000000
Initial:Negative Peaks	OFF
Initial:Tension	1.000000

Compound	RT	RT Window	RF
2 Aroclor-1221	5.004	4.984-5.024	1.557e+03
	5.259	5.239-5.279	1.098e+03
	5.368	5.348-5.388	4.164e+03
$ 10 4cmx	4.442	4.422-4.462	2.122e+05
3 Aroclor-1232	6.543	6.523-6.563	1.018e+03
	7.182	7.162-7.202	2.181e+03
	7.374	7.354-7.394	1.317e+03
	7.601	7.581-7.621	1.092e+03
	8.150	8.130-8.170	1.607e+03
1 Aroclor-1016	7.182	7.162-7.202	6.989e+03
	7.375	7.355-7.395	4.200e+03
	7.601	7.581-7.621	4.282e+03
	7.681	7.661-7.701	4.459e+03
	8.151	8.131-8.171	5.587e+03
66 2,4'-Dichlorobiphenyl (8)	5.371	5.351-5.391	3.739e+04
4 Aroclor-1242	6.922	6.902-6.942	5.697e+03
	7.183	7.163-7.203	5.344e+03
	7.374	7.354-7.394	3.326e+03
	7.601	7.581-7.621	3.082e+03
	8.151	8.131-8.171	4.424e+03
67 2,2',5-Trichlorobiphenyl (	6.114	6.094-6.134	4.636e+04

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072606c.b/ECD2-B-8082CONG-072506.m

Compound	RT	RT Window	RF
5 Aroclor-1248	7.600	7.580-7.620	4.126e+03
	8.149	8.129-8.169	5.244e+03
	8.415	8.395-8.435	5.373e+03
	9.039	9.019-9.059	6.020e+03
	9.138	9.118-9.158	6.683e+03
68 2,4,4'-Trichlorobiphenyl (	6.948	6.928-6.968	1.026e+05
69 Tetrachlorobiphenyl (52)	7.603	7.583-7.623	7.036e+04
70 Tetrachlorobiphenyl (49)	7.683	7.663-7.703	8.890e+04
71 Tetrachlorobiphenyl (44)	8.152	8.132-8.172	9.433e+04
72 Tetrachlorobiphenyl (66)	9.144	9.124-9.164	1.115e+05
73 Pentachlorobiphenyl (101)	9.631	9.611-9.651	9.704e+04
6 Aroclor-1254	9.628	9.608-9.648	9.732e+03
	10.512	10.492-10.532	7.064e+03
	10.832	10.812-10.852	1.323e+04
	11.512	11.492-11.532	9.493e+03
	12.067	12.047-12.087	6.155e+03
92 Tetrachlorobiphenyl (81)	10.518	10.498-10.538	1.154e+05
74 Pentachlorobiphenyl (87)	10.520	10.500-10.540	1.154e+05
75 Tetrachlorobiphenyl (77)	10.918	10.898-10.938	6.623e+04
62 Pentachlorobiphenyl (123)	11.436	11.416-11.456	1.173e+05
76 Pentachlorobiphenyl (118)	11.513	11.493-11.533	1.202e+05
7 Aroclor-1260	11.403	11.383-11.423	1.050e+04
	12.067	12.047-12.087	1.256e+04
	13.467	13.447-13.487	8.113e+03
	14.416	14.396-14.436	8.666e+03
	15.336	15.316-15.356	1.818e+04
78 Hexachlorobiphenyl (153)	12.070	12.050-12.090	1.149e+05
77 Heptachlorobiphenyl (184)	11.964	11.944-11.984	1.264e+05
61 Pentachlorobiphenyl (114)	11.876	11.856-11.896	1.766e+05
8 Aroclor-1262	11.232	11.212-11.252	
	11.662	11.642-11.682	
	12.657	12.637-12.677	
	13.377	13.357-13.397	
	15.115	15.095-15.135	
79 Pentachlorobiphenyl (105)	12.534	12.514-12.554	1.573e+05
80 Hexachlorobiphenyl (138)	13.149	13.129-13.169	1.438e+05
81 Heptachlorobiphenyl (187)	13.473	13.453-13.493	1.241e+05
82 Heptachlorobiphenyl (183)	13.643	13.623-13.663	1.505e+05
83 Pentachlorobiphenyl (126)	13.529	13.509-13.549	7.976e+04
65 Hexachlorobiphenyl (167)	14.003	13.983-14.023	1.271e+05

General Engineering Laboratories, LLC

COMPOUND LISTING

Method file : /chem/ecd8a.i/072606c.b/ECD2-B-8082CONG-072506.m

Compound	RT	RT Window	RF
84 Hexachlorobiphenyl (128)	14.275	14.255-14.295	1.707e+05
86 Hexachlorobiphenyl (156)	14.919	14.899-14.939	1.782e+05
87 Heptachlorobiphenyl (180)	15.338	15.318-15.358	1.621e+05
63 Hexachlorobiphenyl (157)	15.192	15.172-15.212	1.555e+05
89 Hexachlorobiphenyl (169)	16.233	16.213-16.253	1.041e+05
88 Heptachlorobiphenyl (170)	16.597	16.577-16.617	1.756e+05
64 Heptachlorobiphenyl (189)	17.541	17.521-17.561	1.569e+05
9 Aroclor-1268	15.111	15.091-15.131	
	15.240	15.220-15.260	
	15.990	15.970-16.010	
	16.979	16.959-16.999	
	18.051	18.031-18.071	
90 Octachlorobiphenyl (195)	18.082	18.062-18.102	1.648e+05
91 Nonachlorobiphenyl (206)	20.001	19.981-20.021	1.282e+05
11 Decachlorobiphenyl	20.711	20.691-20.731	1.089e+05

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072606c.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 16:18 kho01178

Calibration File Names:
Level 1: /chem/ecd8a.i/070606c.b/009f0901.d
Level 2: /chem/ecd8a.i/070606c.b/010f1001.d
Level 3: /chem/ecd8a.i/070606c.b/011f1101.d
Level 4: /chem/ecd8a.i/062806c.b/018f1801.d
Level 5: /chem/ecd8a.i/070606c.b/013f1301.d

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
2 Aroclor-1221(1)	+++++	+++++	+++++	2620	+++++	AVRG		2620		0.000e+00
(2)	+++++	+++++	+++++	1328	+++++	AVRG		1328		0.000e+00
(3)	+++++	+++++	+++++	6227	+++++	AVRG		6227		0.000e+00
3 Aroclor-1232(1)	+++++	+++++	+++++	5168	+++++	AVRG		5168		0.000e+00
(2)	+++++	+++++	+++++	4116	+++++	AVRG		4116		0.000e+00
(3)	+++++	+++++	+++++	3261	+++++	AVRG		3261		0.000e+00
(4)	+++++	+++++	+++++	1978	+++++	AVRG		1978		0.000e+00
(5)	+++++	+++++	+++++	2202	+++++	AVRG		2202		0.000e+00
66 2,4'-Dichlorobiphenyl (8)	746579	2957103	5854759	13181575	24943637	LINR	-12.05901	49143		0.99900
67 2,2',5-Trichlorobiphenyl (18)	927768	3673521	7205231	15968542	30221826	LINR	-13.30793	59390		0.99890
4 Aroclor-1242(1)	+++++	+++++	+++++	8295	+++++	AVRG		8295		0.000e+00
(2)	+++++	+++++	+++++	6265	+++++	AVRG		6265		0.000e+00
(3)	+++++	+++++	+++++	3710	+++++	AVRG		3710		0.000e+00
(4)	+++++	+++++	+++++	2584	+++++	AVRG		2584		0.000e+00
(5)	+++++	+++++	+++++	4649	+++++	AVRG		4649		0.000e+00
1 Aroclor-1016(1)	9686	9008	8557	7781	7320	AVRG		8471		11.15898
(2)	5475	5145	4948	4508	4456	AVRG		4906		8.78635
(3)	5696	5400	4964	4528	4328	AVRG		4983		11.52121
(4)	5962	5280	5093	4597	4273	AVRG		5041		12.90991
(5)	7424	6901	6535	6008	5702	AVRG		6514		10.56285

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072606c.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 16:18 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
68 2,4,4'-Trichlorobiphenyl (28)	167164	141250	142212	131445	127307	AVRG		141876		10.92548
5 Aroclor-1248(1)	+++++	+++++	+++++	5501	+++++	AVRG		5501		0.000e+00
(2)	+++++	+++++	+++++	6916	+++++	AVRG		6916		0.000e+00
(3)	+++++	+++++	+++++	3991	+++++	AVRG		3991		0.000e+00
(4)	+++++	+++++	+++++	7852	+++++	AVRG		7852		0.000e+00
(5)	+++++	+++++	+++++	6438	+++++	AVRG		6438		0.000e+00
69 Tetrachlorobiphenyl (52)	118433	96308	94391	84947	81832	AVRG		95182		15.09256
70 Tetrachlorobiphenyl (49)	171204	140765	139381	125577	116364	AVRG		138658		15.00846
71 Tetrachlorobiphenyl (44)	168359	136689	135915	122484	115589	AVRG		135807		14.94009
6 Aroclor-1254(1)	+++++	+++++	+++++	8739	+++++	AVRG		8739		0.000e+00
(2)	+++++	+++++	+++++	11557	+++++	AVRG		11557		0.000e+00
(3)	+++++	+++++	+++++	14678	+++++	AVRG		14678		0.000e+00
(4)	+++++	+++++	+++++	10796	+++++	AVRG		10796		0.000e+00
(5)	+++++	+++++	+++++	10819	+++++	AVRG		10819		0.000e+00
72 Tetrachlorobiphenyl (66)	173249	150219	153572	142802	135338	AVRG		151036		9.44926
73 Pentachlorobiphenyl (101)	181312	146385	145225	131582	125240	AVRG		145949		14.88005
74 Pentachlorobiphenyl (87)	227660	195971	197830	180797	173374	AVRG		195126		10.70402
92 Tetrachlorobiphenyl (81)	135211	119973	119296	112004	108208	AVRG		118938		8.70942
75 Tetrachlorobiphenyl (77)	1120484	4691178	9382556	22057399	42787747	LINR	-6.70158	84832		0.99971
7 Aroclor-1260(1)	15474	14131	13369	12298	11546	AVRG		13363		11.52168
(2)	11498	10616	10106	9357	9131	AVRG		10142		9.48527
(3)	11987	11141	10677	9881	9738	AVRG		10685		8.68667
(4)	25014	23691	23083	21606	21077	AVRG		22894		6.94806
(5)	13843	13015	12530	11723	11783	AVRG		12579		7.06285

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072606c.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 16:18 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
62 Pentachlorobiphenyl (123)	183356	161610	164454	152481	146680	AVRG		161716		8.67458
76 Pentachlorobiphenyl (118)	194708	166151	167552	154337	148182	AVRG		166186		10.76384
61 Pentachlorobiphenyl (114)	236579	224620	232231	217340	212066	AVRG		224567		4.51678
78 Hexachlorobiphenyl (153)	208139	170599	171593	157039	150304	AVRG		171535		13.04083
77 Heptachlorobiphenyl (184)	2658374	10250529	20049417	44690680	82330939	LINR	-15.64923	161883		0.99802
79 Pentachlorobiphenyl (105)	248418	205747	216278	201055	193751	AVRG		213050		10.04229
80 Hexachlorobiphenyl (138)	242097	208687	211676	193483	185653	AVRG		208319		10.42403
83 Pentachlorobiphenyl (126)	116311	103382	107645	85161	90416	AVRG		100583		12.63720
81 Heptachlorobiphenyl (187)	227750	187895	189940	173139	165873	AVRG		188919		12.66534
82 Heptachlorobiphenyl (183)	267865	229940	233455	222344	206887	AVRG		232098		9.67388
65 Hexachlorobiphenyl (167)	231332	194218	193822	175452	169478	AVRG		192860		12.52118
84 Hexachlorobiphenyl (128)	282886	240449	244037	221964	212920	AVRG		240451		11.22375
86 Hexachlorobiphenyl (156)	269999	244244	253403	236379	228439	AVRG		246493		6.52144
63 Hexachlorobiphenyl (157)	264615	226211	230604	211186	203944	AVRG		227312		10.33978
8 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
87 Heptachlorobiphenyl (180)	300672	247005	245748	223946	215622	AVRG		246599		13.44573
89 Hexachlorobiphenyl (169)	184132	159839	161053	150268	146458	AVRG		160350		9.14938
88 Heptachlorobiphenyl (170)	283194	247816	253554	236273	225802	AVRG		249328		8.72032
64 Heptachlorobiphenyl (189)	227044	212926	222709	213093	208044	AVRG		216763		3.61242
90 Octachlorobiphenyl (195)	325097	269556	268721	247425	235566	AVRG		269273		12.77078

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072606c.b/ECD2-F-8082CONG-072506.m
Cal Date : 29-Jul-2006 16:18 kho01178

Compound	10 Level 1	50 Level 2	100 Level 3	250 Level 4	500 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
91 Nonachlorobiphenyl (206)	247294	207202	209714	195868	187784	AVRG		209572		10.90997
9 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
11 Decachlorobiphenyl	227751	186946	187053	174187	166420	AVRG		188472		12.54890
$ 10 4cmx	312972	270984	283110	269865	268512	AVRG		281089		6.67189

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072606c.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 16:52 kho01178
Curve Type : Average

Calibration File Names:
Level 1: /chem/ecd8a.i/070606c.b/009b0901.d
Level 2: /chem/ecd8a.i/070606c.b/010b1001.d
Level 3: /chem/ecd8a.i/070606c.b/011b1101.d
Level 4: /chem/ecd8a.i/062806c.b/018b1801.d
Level 5: /chem/ecd8a.i/070606c.b/013b1301.d

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	RRF	% RSD
2 Aroclor-1221(1)	+++++	+++++	+++++	1557	+++++	1557	0.000
(2)	+++++	+++++	+++++	1098	+++++	1098	0.000
(3)	+++++	+++++	+++++	4164	+++++	4164	0.000
3 Aroclor-1232(1)	+++++	+++++	+++++	1018	+++++	1018	0.000
(2)	+++++	+++++	+++++	2181	+++++	2181	0.000
(3)	+++++	+++++	+++++	1317	+++++	1317	0.000
(4)	+++++	+++++	+++++	1092	+++++	1092	0.000
(5)	+++++	+++++	+++++	1607	+++++	1607	0.000
1 Aroclor-1016(1)	7692	7177	7277	6653	6148	6989	8.564
(2)	4461	4223	4375	4044	3898	4200	5.512
(3)	4735	4376	4459	4056	3782	4282	8.630
(4)	4952	4551	4649	4217	3927	4459	8.893
(5)	6067	5636	5760	5362	5111	5587	6.571
66 2,4'-Dichlorobiphenyl (8)	42728	36327	37283	35355	35268	37392	8.274
4 Aroclor-1242(1)	+++++	+++++	+++++	5697	+++++	5697	0.000
(2)	+++++	+++++	+++++	5344	+++++	5344	0.000
(3)	+++++	+++++	+++++	3326	+++++	3326	0.000
(4)	+++++	+++++	+++++	3082	+++++	3082	0.000
(5)	+++++	+++++	+++++	4424	+++++	4424	0.000
67 2,2',5-Trichlorobiphenyl (18)	52587	45023	46500	43986	43700	46359	7.873
5 Aroclor-1248(1)	+++++	+++++	+++++	4126	+++++	4126	0.000
(2)	+++++	+++++	+++++	5244	+++++	5244	0.000
(3)	+++++	+++++	+++++	5373	+++++	5373	0.000
(4)	+++++	+++++	+++++	6020	+++++	6020	0.000
(5)	+++++	+++++	+++++	6683	+++++	6683	0.000
68 2,4,4'-Trichlorobiphenyl (28)	102866	97274	103925	102726	106179	102594	3.196

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
End Cal Date : 25-JUL-2006 16:52
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072606c.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 16:52 kho01178
Curve Type : Average

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	RRF	% RSD
69 Tetrachlorobiphenyl (52)	76008	66955	70442	68422	69949	70355	4.894
70 Tetrachlorobiphenyl (49)	97022	84392	89015	86215	87871	88903	5.469
71 Tetrachlorobiphenyl (44)	101154	90025	95015	92008	93448	94330	4.490
72 Tetrachlorobiphenyl (66)	110894	104017	112895	112690	116888	111477	4.226
73 Pentachlorobiphenyl (101)	105417	90429	96897	94628	97852	97045	5.653
6 Aroclor-1254(1)	++++++	++++++	++++++	9732	++++++	9732	0.000
(2)	++++++	++++++	++++++	7064	++++++	7064	0.000
(3)	++++++	++++++	++++++	13227	++++++	13227	0.000
(4)	++++++	++++++	++++++	9493	++++++	9493	0.000
(5)	++++++	++++++	++++++	6155	++++++	6155	0.000
92 Tetrachlorobiphenyl (81)	118000	108548	116653	115172	118555	115385	3.501
74 Pentachlorobiphenyl (87)	118000	108548	116653	115172	118555	115385	3.501
75 Tetrachlorobiphenyl (77)	66055	61454	66853	66976	69790	66226	4.559
62 Pentachlorobiphenyl (123)	116046	109309	118379	118878	123971	117317	4.542
76 Pentachlorobiphenyl (118)	131963	113187	118891	116458	120588	120217	5.932
7 Aroclor-1260(1)	11177	10055	10854	10045	10365	10499	4.778
(2)	12713	12064	13115	12162	12742	12559	3.493
(3)	8331	7785	8440	7854	8157	8113	3.543
(4)	8836	8324	9044	8409	8718	8666	3.450
(5)	17808	17289	18582	17805	19393	18176	4.524
78 Hexachlorobiphenyl (153)	126751	108507	113567	111168	114262	114851	6.117
77 Heptachlorobiphenyl (184)	141172	119760	124923	121514	124712	126416	6.749
61 Pentachlorobiphenyl (114)	167182	163786	179201	182044	190734	176589	6.262
8 Aroclor-1262(1)	++++++	++++++	++++++	++++++	++++++	++++++	++++++
(2)	++++++	++++++	++++++	++++++	++++++	++++++	++++++
(3)	++++++	++++++	++++++	++++++	++++++	++++++	++++++
(4)	++++++	++++++	++++++	++++++	++++++	++++++	++++++
(5)	++++++	++++++	++++++	++++++	++++++	++++++	++++++
79 Pentachlorobiphenyl (105)	156188	146435	158059	159405	166407	157299	4.576
80 Hexachlorobiphenyl (138)	149541	134658	143567	142622	148556	143789	4.123
81 Heptachlorobiphenyl (187)	132208	116838	124109	120988	126109	124050	4.634
82 Heptachlorobiphenyl (183)	164178	143043	149115	146096	150238	150534	5.398
83 Pentachlorobiphenyl (126)	74578	73865	80260	83407	86714	79765	6.966

General Engineering Laboratories, LLC

INITIAL CALIBRATION DATA

Start Cal Date : 28-JUN-2006 15:40
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Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem/ecd8a.i/072606c.b/ECD2-B-8082CONG-072506.m
Cal Date : 29-Jul-2006 16:52 kho01178
Curve Type : Average

Compound	10.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	RRF	% RSD
65 Hexachlorobiphenyl (167)	132757	119560	126572	126072	130747	127142	4.000
84 Hexachlorobiphenyl (128)	179829	160349	170099	168695	174746	170743	4.256
86 Hexachlorobiphenyl (156)	174478	165467	179098	181514	190623	178236	5.189
87 Heptachlorobiphenyl (180)	174664	152964	160444	158325	164337	162147	5.004
63 Hexachlorobiphenyl (157)	156136	145738	156051	156436	163262	155525	4.030
89 Hexachlorobiphenyl (169)	107692	97698	103899	103273	107974	104107	4.007
88 Heptachlorobiphenyl (170)	183052	163898	175576	174154	181274	175591	4.288
64 Heptachlorobiphenyl (189)	160333	145704	156855	156912	164915	156944	4.521
9 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++
90 Octachlorobiphenyl (195)	171326	154124	165177	163057	170301	164797	4.182
91 Nonachlorobiphenyl (206)	136652	121175	127296	125517	130552	128238	4.519
11 Decachlorobiphenyl	117032	102539	107826	106840	110475	108942	4.910
$ 10 4cmx	208355	195642	212351	215223	229257	212165	5.720

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/25/06 Time: 1718

Lab File ID: 007F0701 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d	
Decachlorobiphenyl	98.0	100	AVRG	-2.0	15.0	
Pentachlorobiphenyl (114)	103	100	AVRG	3.0	15.0	
Pentachlorobiphenyl (123)	101	100	AVRG	1.0	15.0	
Hexachlorobiphenyl (157)	100	100	AVRG	0.0	15.0	
Heptachlorobiphenyl (189)	104	100	AVRG	4.0	15.0	
Hexachlorobiphenyl (167)	98.2	100	AVRG	-1.8	15.0	
2,4'-Dichlorobiphenyl (8)	107	100	LINR	7.0	15.0	
2,2',5-Trichlorobiphenyl (18	108	100	LINR	8.0	15.0	
2,4,4'-Trichlorobiphenyl (28	98.1	100	AVRG	-1.9	15.0	
Tetrachlorobiphenyl (52)	92.5	100	AVRG	-7.5	15.0	
Tetrachlorobiphenyl (49)	95.9	100	AVRG	-4.1	15.0	
Tetrachlorobiphenyl (44)	97.7	100	AVRG	-2.3	15.0	
Tetrachlorobiphenyl (66)	99.0	100	AVRG	-1.0	15.0	
Pentachlorobiphenyl (101)	103	100	AVRG	3.0	15.0	
Pentachlorobiphenyl (87)	98.8	100	AVRG	-1.2	15.0	
Tetrachlorobiphenyl (77)	84.1	100	LINR	-15.9	15.0	<-
Pentachlorobiphenyl (118)	103	100	AVRG	3.0	15.0	
Heptachlorobiphenyl (184)	107	100	LINR	7.0	15.0	
Hexachlorobiphenyl (153)	102	100	AVRG	2.0	15.0	
Pentachlorobiphenyl (105)	103	100	AVRG	3.0	15.0	
Hexachlorobiphenyl (138)	101	100	AVRG	1.0	15.0	
Heptachlorobiphenyl (187)	99.9	100	AVRG	-0.1	15.0	
Heptachlorobiphenyl (183)	98.5	100	AVRG	-1.5	15.0	
Pentachlorobiphenyl (126)	110	100	AVRG	10.0	15.0	
Hexachlorobiphenyl (128)	100	100	AVRG	0.0	15.0	
Hexachlorobiphenyl (156)	97.0	100	AVRG	-3.0	15.0	
Heptachlorobiphenyl (180)	100	100	AVRG	0.0	15.0	
Heptachlorobiphenyl (170)	98.3	100	AVRG	-1.7	15.0	
Hexachlorobiphenyl (169)	94.4	100	AVRG	-5.6	15.0	
Octachlorobiphenyl (195)	95.7	100	AVRG	-4.3	15.0	
Nonachlorobiphenyl (206)	103	100	AVRG	3.0	15.0	
Tetrachlorobiphenyl (81)	103	100	AVRG	3.0	15.0	
4cmx	81.1	80.0	AVRG	1.4	15.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/25/06 Time: 1718

Lab File ID: 007B0701 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D
Decachlorobiphenyl	108942.47	106204.78	0.01	-2.5	15.0
Pentachlorobiphenyl (114)	176589.28	176280.43	0.01	0.2	15.0
Pentachlorobiphenyl (123)	117316.65	114227.52	0.01	-2.6	15.0
Hexachlorobiphenyl (157)	155524.57	152144.73	0.01	-2.2	15.0
Heptachlorobiphenyl (189)	156943.70	156747.43	0.01	-0.1	15.0
Hexachlorobiphenyl (167)	127141.66	120559.75	0.01	-5.2	15.0
2,4'-Dichlorobiphenyl (8)	37391.968	37982.980	0.01	1.6	15.0
2,2',5-Trichlorobiphenyl (18	46359.343	45713.570	0.01	-1.4	15.0
2,4,4'-Trichlorobiphenyl (28	102594.03	101762.98	0.01	-0.8	15.0
Tetrachlorobiphenyl (52)	70355.334	64403.660	0.01	-8.4	15.0
Tetrachlorobiphenyl (49)	88902.968	84309.660	0.01	-5.2	15.0
Tetrachlorobiphenyl (44)	94329.863	91843.620	0.01	-2.6	15.0
Tetrachlorobiphenyl (66)	111476.74	102973.02	0.01	-7.6	15.0
Pentachlorobiphenyl (101)	97044.522	95526.100	0.01	-1.6	15.0
Pentachlorobiphenyl (87)	115385.44	111656.49	0.01	-3.2	15.0
Tetrachlorobiphenyl (77)	66225.672	67146.180	0.01	1.4	15.0
Pentachlorobiphenyl (118)	120217.35	116628.80	0.01	-3.0	15.0
Heptachlorobiphenyl (184)	126416.22	119765.31	0.01	-5.3	15.0
Hexachlorobiphenyl (153)	114851.12	111097.99	0.01	-3.3	15.0
Pentachlorobiphenyl (105)	157298.63	150637.40	0.01	-4.2	15.0
Hexachlorobiphenyl (138)	143788.84	139865.81	0.01	-2.7	15.0
Heptachlorobiphenyl (187)	124050.25	121048.21	0.01	-2.4	15.0
Heptachlorobiphenyl (183)	150534.21	145317.23	0.01	-3.5	15.0
Pentachlorobiphenyl (126)	79764.785	89074.070	0.01	11.7	15.0
Hexachlorobiphenyl (128)	170743.46	165542.22	0.01	-3.0	15.0
Hexachlorobiphenyl (156)	178235.70	168123.68	0.01	-5.7	15.0
Heptachlorobiphenyl (180)	162146.58	158667.30	0.01	-2.1	15.0
Heptachlorobiphenyl (170)	175590.69	168653.12	0.01	-4.0	15.0
Hexachlorobiphenyl (169)	104107.23	96804.090	0.01	-7.0	15.0
Octachlorobiphenyl (195)	164797.13	157802.30	0.01	-4.2	15.0
Nonachlorobiphenyl (206)	128238.39	132149.61	0.01	3.0	15.0
Tetrachlorobiphenyl (81)	115385.44	111656.49	0.01	-3.2	15.0
4cmx	212165.46	212350.74	0.01	0.1	15.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/25/06 Time: 2232

Lab File ID: 019F1901 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d	
Decachlorobiphenyl	104	100	AVRG	4.0	15.0	
Pentachlorobiphenyl (114)	111	100	AVRG	11.0	15.0	
Pentachlorobiphenyl (123)	109	100	AVRG	9.0	15.0	
Hexachlorobiphenyl (157)	106	100	AVRG	6.0	15.0	
Heptachlorobiphenyl (189)	109	100	AVRG	9.0	15.0	
Hexachlorobiphenyl (167)	104	100	AVRG	4.0	15.0	
2,4'-Dichlorobiphenyl (8)	113	100	LINR	13.0	15.0	
2,2',5-Trichlorobiphenyl (18	118	100	LINR	18.0	15.0	<-
2,4,4'-Trichlorobiphenyl (28	108	100	AVRG	8.0	15.0	
Tetrachlorobiphenyl (52)	107	100	AVRG	7.0	15.0	
Tetrachlorobiphenyl (49)	104	100	AVRG	4.0	15.0	
Tetrachlorobiphenyl (44)	106	100	AVRG	6.0	15.0	
Tetrachlorobiphenyl (66)	108	100	AVRG	8.0	15.0	
Pentachlorobiphenyl (101)	106	100	AVRG	6.0	15.0	
Pentachlorobiphenyl (87)	108	100	AVRG	8.0	15.0	
Tetrachlorobiphenyl (77)	114	100	LINR	14.0	15.0	
Pentachlorobiphenyl (118)	107	100	AVRG	7.0	15.0	
Heptachlorobiphenyl (184)	113	100	LINR	13.0	15.0	
Hexachlorobiphenyl (153)	106	100	AVRG	6.0	15.0	
Pentachlorobiphenyl (105)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (138)	108	100	AVRG	8.0	15.0	
Heptachlorobiphenyl (187)	105	100	AVRG	5.0	15.0	
Heptachlorobiphenyl (183)	101	100	AVRG	1.0	15.0	
Pentachlorobiphenyl (126)	103	100	AVRG	3.0	15.0	
Hexachlorobiphenyl (128)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (156)	108	100	AVRG	8.0	15.0	
Heptachlorobiphenyl (180)	104	100	AVRG	4.0	15.0	
Heptachlorobiphenyl (170)	107	100	AVRG	7.0	15.0	
Hexachlorobiphenyl (169)	106	100	AVRG	6.0	15.0	
Octachlorobiphenyl (195)	102	100	AVRG	2.0	15.0	
Nonachlorobiphenyl (206)	104	100	AVRG	4.0	15.0	
Tetrachlorobiphenyl (81)	104	100	AVRG	4.0	15.0	
4cmx	85.2	80.0	AVRG	6.5	15.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/25/06 Time: 2232

Lab File ID: 019B1901 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D
Decachlorobiphenyl	108942.47	109185.01	0.01	0.2	15.0
Pentachlorobiphenyl (114)	176589.28	191784.93	0.01	8.6	15.0
Pentachlorobiphenyl (123)	117316.65	125982.51	0.01	7.4	15.0
Hexachlorobiphenyl (157)	155524.57	166406.68	0.01	7.0	15.0
Heptachlorobiphenyl (189)	156943.70	165337.59	0.01	5.3	15.0
Hexachlorobiphenyl (167)	127141.66	133652.66	0.01	5.1	15.0
2,4'-Dichlorobiphenyl (8)	37391.968	39786.480	0.01	6.4	15.0
2,2',5-Trichlorobiphenyl (18	46359.343	49159.720	0.01	6.0	15.0
2,4,4'-Trichlorobiphenyl (28	102594.03	110761.26	0.01	8.0	15.0
Tetrachlorobiphenyl (52)	70355.334	74680.480	0.01	6.1	15.0
Tetrachlorobiphenyl (49)	88902.968	94173.490	0.01	5.9	15.0
Tetrachlorobiphenyl (44)	94329.863	100662.42	0.01	6.7	15.0
Tetrachlorobiphenyl (66)	111476.74	120869.51	0.01	8.4	15.0
Pentachlorobiphenyl (101)	97044.522	102398.36	0.01	5.5	15.0
Pentachlorobiphenyl (87)	115385.44	123504.99	0.01	7.0	15.0
Tetrachlorobiphenyl (77)	66225.672	71699.030	0.01	8.3	15.0
Pentachlorobiphenyl (118)	120217.35	124607.46	0.01	3.6	15.0
Heptachlorobiphenyl (184)	126416.22	130393.33	0.01	3.1	15.0
Hexachlorobiphenyl (153)	114851.12	118849.08	0.01	3.5	15.0
Pentachlorobiphenyl (105)	157298.63	167517.01	0.01	6.5	15.0
Hexachlorobiphenyl (138)	143788.84	151592.68	0.01	5.4	15.0
Heptachlorobiphenyl (187)	124050.25	129259.39	0.01	4.2	15.0
Heptachlorobiphenyl (183)	150534.21	155510.14	0.01	3.3	15.0
Pentachlorobiphenyl (126)	79764.785	87845.230	0.01	10.1	15.0
Hexachlorobiphenyl (128)	170743.46	180003.78	0.01	5.4	15.0
Hexachlorobiphenyl (156)	178235.70	191183.40	0.01	7.3	15.0
Heptachlorobiphenyl (180)	162146.58	169387.34	0.01	4.5	15.0
Heptachlorobiphenyl (170)	175590.69	183531.93	0.01	4.5	15.0
Hexachlorobiphenyl (169)	104107.23	110140.92	0.01	5.8	15.0
Octachlorobiphenyl (195)	164797.13	171549.98	0.01	4.1	15.0
Nonachlorobiphenyl (206)	128238.39	132292.09	0.01	3.2	15.0
Tetrachlorobiphenyl (81)	115385.44	123504.99	0.01	7.0	15.0
4cmx	212165.46	212350.74	0.01	0.1	15.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 0344

Lab File ID: 031F3101 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d	
Decachlorobiphenyl	97.9	100	AVRG	-2.1	15.0	
Pentachlorobiphenyl (114)	115	100	AVRG	15.0	15.0	
Pentachlorobiphenyl (123)	113	100	AVRG	13.0	15.0	
Hexachlorobiphenyl (157)	107	100	AVRG	7.0	15.0	
Heptachlorobiphenyl (189)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (167)	107	100	AVRG	7.0	15.0	
2,4'-Dichlorobiphenyl (8)	115	100	LINR	15.0	15.0	
2,2',5-Trichlorobiphenyl (18	119	100	LINR	19.0	15.0	<-
2,4,4'-Trichlorobiphenyl (28	112	100	AVRG	12.0	15.0	
Tetrachlorobiphenyl (52)	110	100	AVRG	10.0	15.0	
Tetrachlorobiphenyl (49)	107	100	AVRG	7.0	15.0	
Tetrachlorobiphenyl (44)	109	100	AVRG	9.0	15.0	
Tetrachlorobiphenyl (66)	112	100	AVRG	12.0	15.0	
Pentachlorobiphenyl (101)	108	100	AVRG	8.0	15.0	
Pentachlorobiphenyl (87)	111	100	AVRG	11.0	15.0	
Tetrachlorobiphenyl (77)	113	100	LINR	13.0	15.0	
Pentachlorobiphenyl (118)	111	100	AVRG	11.0	15.0	
Heptachlorobiphenyl (184)	114	100	LINR	14.0	15.0	
Hexachlorobiphenyl (153)	110	100	AVRG	10.0	15.0	
Pentachlorobiphenyl (105)	112	100	AVRG	12.0	15.0	
Hexachlorobiphenyl (138)	110	100	AVRG	10.0	15.0	
Heptachlorobiphenyl (187)	108	100	AVRG	8.0	15.0	
Heptachlorobiphenyl (183)	102	100	AVRG	2.0	15.0	
Pentachlorobiphenyl (126)	111	100	AVRG	11.0	15.0	
Hexachlorobiphenyl (128)	109	100	AVRG	9.0	15.0	
Hexachlorobiphenyl (156)	109	100	AVRG	9.0	15.0	
Heptachlorobiphenyl (180)	104	100	AVRG	4.0	15.0	
Heptachlorobiphenyl (170)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (169)	104	100	AVRG	4.0	15.0	
Octachlorobiphenyl (195)	99.1	100	AVRG	-0.9	15.0	
Nonachlorobiphenyl (206)	99.6	100	AVRG	-0.4	15.0	
Tetrachlorobiphenyl (81)	111	100	AVRG	11.0	15.0	
4cmx	86.9	80.0	AVRG	8.6	15.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 0344

Lab File ID: 031B3101 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D
Decachlorobiphenyl	108942.47	100778.12	0.01	-7.5	15.0
Pentachlorobiphenyl (114)	176589.28	196712.96	0.01	11.4	15.0
Pentachlorobiphenyl (123)	117316.65	129624.53	0.01	10.5	15.0
Hexachlorobiphenyl (157)	155524.57	167139.77	0.01	7.5	15.0
Heptachlorobiphenyl (189)	156943.70	162183.74	0.01	3.3	15.0
Hexachlorobiphenyl (167)	127141.66	136486.08	0.01	7.3	15.0
2,4'-Dichlorobiphenyl (8)	37391.968	41196.650	0.01	10.2	15.0
2,2',5-Trichlorobiphenyl (18	46359.343	50238.320	0.01	8.4	15.0
2,4,4'-Trichlorobiphenyl (28	102594.03	113808.44	0.01	10.9	15.0
Tetrachlorobiphenyl (52)	70355.334	76165.350	0.01	8.2	15.0
Tetrachlorobiphenyl (49)	88902.968	95875.400	0.01	7.8	15.0
Tetrachlorobiphenyl (44)	94329.863	102663.17	0.01	8.8	15.0
Tetrachlorobiphenyl (66)	111476.74	122580.77	0.01	10.0	15.0
Pentachlorobiphenyl (101)	97044.522	104162.50	0.01	7.3	15.0
Pentachlorobiphenyl (87)	115385.44	126502.22	0.01	9.6	15.0
Tetrachlorobiphenyl (77)	66225.672	74315.970	0.01	12.2	15.0
Pentachlorobiphenyl (118)	120217.35	128359.03	0.01	6.8	15.0
Heptachlorobiphenyl (184)	126416.22	133330.97	0.01	5.5	15.0
Hexachlorobiphenyl (153)	114851.12	121836.53	0.01	6.1	15.0
Pentachlorobiphenyl (105)	157298.63	172161.60	0.01	9.4	15.0
Hexachlorobiphenyl (138)	143788.84	153738.04	0.01	6.9	15.0
Heptachlorobiphenyl (187)	124050.25	133152.37	0.01	7.3	15.0
Heptachlorobiphenyl (183)	150534.21	158221.55	0.01	5.1	15.0
Pentachlorobiphenyl (126)	79764.785	88589.410	0.01	11.1	15.0
Hexachlorobiphenyl (128)	170743.46	182315.77	0.01	6.8	15.0
Hexachlorobiphenyl (156)	178235.70	192148.50	0.01	7.8	15.0
Heptachlorobiphenyl (180)	162146.58	169127.80	0.01	4.3	15.0
Heptachlorobiphenyl (170)	175590.69	183166.02	0.01	4.3	15.0
Hexachlorobiphenyl (169)	104107.23	109350.39	0.01	5.0	15.0
Octachlorobiphenyl (195)	164797.13	169667.53	0.01	3.0	15.0
Nonachlorobiphenyl (206)	128238.39	125911.82	0.01	1.8	15.0
Tetrachlorobiphenyl (81)	115385.44	126502.21	0.01	9.6	15.0
4cmx	212165.46	212350.74	0.01	0.1	15.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 0647

Lab File ID: 038F3801 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d	
Decachlorobiphenyl	96.0	100	AVRG	-4.0	15.0	
Pentachlorobiphenyl (114)	115	100	AVRG	15.0	15.0	
Pentachlorobiphenyl (123)	113	100	AVRG	13.0	15.0	
Hexachlorobiphenyl (157)	106	100	AVRG	6.0	15.0	
Heptachlorobiphenyl (189)	106	100	AVRG	6.0	15.0	
Hexachlorobiphenyl (167)	106	100	AVRG	6.0	15.0	
2,4'-Dichlorobiphenyl (8)	116	100	LINR	16.0	15.0	<-
2,2',5-Trichlorobiphenyl (18	120	100	LINR	20.0	15.0	<-
2,4,4'-Trichlorobiphenyl (28	112	100	AVRG	12.0	15.0	
Tetrachlorobiphenyl (52)	110	100	AVRG	10.0	15.0	
Tetrachlorobiphenyl (49)	108	100	AVRG	8.0	15.0	
Tetrachlorobiphenyl (44)	110	100	AVRG	10.0	15.0	
Tetrachlorobiphenyl (66)	112	100	AVRG	12.0	15.0	
Pentachlorobiphenyl (101)	109	100	AVRG	9.0	15.0	
Pentachlorobiphenyl (87)	111	100	AVRG	11.0	15.0	
Tetrachlorobiphenyl (77)	111	100	LINR	11.0	15.0	
Pentachlorobiphenyl (118)	111	100	AVRG	11.0	15.0	
Heptachlorobiphenyl (184)	113	100	LINR	13.0	15.0	
Hexachlorobiphenyl (153)	110	100	AVRG	10.0	15.0	
Pentachlorobiphenyl (105)	111	100	AVRG	11.0	15.0	
Hexachlorobiphenyl (138)	109	100	AVRG	9.0	15.0	
Heptachlorobiphenyl (187)	107	100	AVRG	7.0	15.0	
Heptachlorobiphenyl (183)	102	100	AVRG	2.0	15.0	
Pentachlorobiphenyl (126)	115	100	AVRG	15.0	15.0	
Hexachlorobiphenyl (128)	108	100	AVRG	8.0	15.0	
Hexachlorobiphenyl (156)	108	100	AVRG	8.0	15.0	
Heptachlorobiphenyl (180)	104	100	AVRG	4.0	15.0	
Heptachlorobiphenyl (170)	105	100	AVRG	5.0	15.0	
Hexachlorobiphenyl (169)	103	100	AVRG	3.0	15.0	
Octachlorobiphenyl (195)	100	100	AVRG	0.0	15.0	
Nonachlorobiphenyl (206)	98.4	100	AVRG	-1.6	15.0	
Tetrachlorobiphenyl (81)	111	100	AVRG	11.0	15.0	
4cmx	87.3	80.0	AVRG	9.1	15.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 0647

Lab File ID: 038B3801 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D
Decachlorobiphenyl	108942.47	100296.78	0.01	-7.9	15.0
Pentachlorobiphenyl (114)	176589.28	196013.17	0.01	11.0	15.0
Pentachlorobiphenyl (123)	117316.65	129432.40	0.01	10.3	15.0
Hexachlorobiphenyl (157)	155524.57	165037.95	0.01	6.1	15.0
Heptachlorobiphenyl (189)	156943.70	158550.29	0.01	1.0	15.0
Hexachlorobiphenyl (167)	127141.66	135625.66	0.01	6.7	15.0
2,4'-Dichlorobiphenyl (8)	37391.968	41075.710	0.01	9.8	15.0
2,2',5-Trichlorobiphenyl (18	46359.343	50761.630	0.01	9.5	15.0
2,4,4'-Trichlorobiphenyl (28	102594.03	114939.44	0.01	12.0	15.0
Tetrachlorobiphenyl (52)	70355.334	77108.220	0.01	9.6	15.0
Tetrachlorobiphenyl (49)	88902.968	97245.590	0.01	9.4	15.0
Tetrachlorobiphenyl (44)	94329.863	103884.43	0.01	10.1	15.0
Tetrachlorobiphenyl (66)	111476.74	124736.69	0.01	11.9	15.0
Pentachlorobiphenyl (101)	97044.522	104998.95	0.01	8.2	15.0
Pentachlorobiphenyl (87)	115385.44	126797.47	0.01	9.9	15.0
Tetrachlorobiphenyl (77)	66225.672	74097.950	0.01	11.9	15.0
Pentachlorobiphenyl (118)	120217.35	128363.80	0.01	6.8	15.0
Heptachlorobiphenyl (184)	126416.22	133304.29	0.01	5.4	15.0
Hexachlorobiphenyl (153)	114851.12	121445.92	0.01	5.7	15.0
Pentachlorobiphenyl (105)	157298.63	171645.18	0.01	9.1	15.0
Hexachlorobiphenyl (138)	143788.84	153823.90	0.01	7.0	15.0
Heptachlorobiphenyl (187)	124050.25	131782.10	0.01	6.2	15.0
Heptachlorobiphenyl (183)	150534.21	157806.01	0.01	4.8	15.0
Pentachlorobiphenyl (126)	79764.785	89287.300	0.01	11.9	15.0
Hexachlorobiphenyl (128)	170743.46	181098.68	0.01	6.1	15.0
Hexachlorobiphenyl (156)	178235.70	190032.45	0.01	6.6	15.0
Heptachlorobiphenyl (180)	162146.58	167360.97	0.01	3.2	15.0
Heptachlorobiphenyl (170)	175590.69	180764.02	0.01	2.9	15.0
Hexachlorobiphenyl (169)	104107.23	107781.92	0.01	3.5	15.0
Octachlorobiphenyl (195)	164797.13	165016.50	0.01	0.1	15.0
Nonachlorobiphenyl (206)	128238.39	120619.60	0.01	5.9	15.0
Tetrachlorobiphenyl (81)	115385.44	126797.47	0.01	9.9	15.0
4cmx	212165.46	212350.74	0.01	0.1	15.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 1030

Lab File ID: 002F0201 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d
Decachlorobiphenyl	93.5	100	AVRG	-6.5	15.0
Pentachlorobiphenyl (114)	105	100	AVRG	5.0	15.0
Pentachlorobiphenyl (123)	104	100	AVRG	4.0	15.0
Hexachlorobiphenyl (157)	99.1	100	AVRG	-0.9	15.0
Heptachlorobiphenyl (189)	99.6	100	AVRG	-0.4	15.0
Hexachlorobiphenyl (167)	98.2	100	AVRG	-1.8	15.0
2,4'-Dichlorobiphenyl (8)	107	100	LINR	7.0	15.0
2,2',5-Trichlorobiphenyl (18	108	100	LINR	8.0	15.0
2,4,4'-Trichlorobiphenyl (28	102	100	AVRG	2.0	15.0
Tetrachlorobiphenyl (52)	101	100	AVRG	1.0	15.0
Tetrachlorobiphenyl (49)	101	100	AVRG	1.0	15.0
Tetrachlorobiphenyl (44)	101	100	AVRG	1.0	15.0
Tetrachlorobiphenyl (66)	103	100	AVRG	3.0	15.0
Pentachlorobiphenyl (101)	101	100	AVRG	1.0	15.0
Pentachlorobiphenyl (87)	103	100	AVRG	3.0	15.0
Tetrachlorobiphenyl (77)	110	100	LINR	10.0	15.0
Pentachlorobiphenyl (118)	103	100	AVRG	3.0	15.0
Heptachlorobiphenyl (184)	110	100	LINR	10.0	15.0
Hexachlorobiphenyl (153)	102	100	AVRG	2.0	15.0
Pentachlorobiphenyl (105)	103	100	AVRG	3.0	15.0
Hexachlorobiphenyl (138)	101	100	AVRG	1.0	15.0
Heptachlorobiphenyl (187)	99.2	100	AVRG	-0.8	15.0
Heptachlorobiphenyl (183)	98.2	100	AVRG	-1.8	15.0
Pentachlorobiphenyl (126)	110	100	AVRG	10.0	15.0
Hexachlorobiphenyl (128)	100	100	AVRG	0.0	15.0
Hexachlorobiphenyl (156)	101	100	AVRG	1.0	15.0
Heptachlorobiphenyl (180)	97.2	100	AVRG	-2.8	15.0
Heptachlorobiphenyl (170)	99.4	100	AVRG	-0.6	15.0
Hexachlorobiphenyl (169)	98.8	100	AVRG	-1.2	15.0
Octachlorobiphenyl (195)	96.4	100	AVRG	-3.6	15.0
Nonachlorobiphenyl (206)	94.7	100	AVRG	-5.3	15.0
Tetrachlorobiphenyl (81)	106	100	AVRG	6.0	15.0
4cmx	79.8	80.0	AVRG	-0.2	15.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 1030

Lab File ID: 002B0201 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D
Decachlorobiphenyl	108942.47	99956.970	0.01	-8.2	15.0
Pentachlorobiphenyl (114)	176589.28	181123.92	0.01	2.6	15.0
Pentachlorobiphenyl (123)	117316.65	119702.23	0.01	2.0	15.0
Hexachlorobiphenyl (157)	155524.57	155109.60	0.01	-0.3	15.0
Heptachlorobiphenyl (189)	156943.70	151406.63	0.01	-3.5	15.0
Hexachlorobiphenyl (167)	127141.66	126153.35	0.01	-0.8	15.0
2,4'-Dichlorobiphenyl (8)	37391.968	38754.510	0.01	3.6	15.0
2,2',5-Trichlorobiphenyl (18	46359.343	47951.780	0.01	3.4	15.0
2,4,4'-Trichlorobiphenyl (28	102594.03	107637.06	0.01	4.9	15.0
Tetrachlorobiphenyl (52)	70355.334	72188.670	0.01	2.6	15.0
Tetrachlorobiphenyl (49)	88902.968	90823.630	0.01	2.2	15.0
Tetrachlorobiphenyl (44)	94329.863	97216.980	0.01	3.1	15.0
Tetrachlorobiphenyl (66)	111476.74	114943.69	0.01	3.1	15.0
Pentachlorobiphenyl (101)	97044.522	98837.160	0.01	1.8	15.0
Pentachlorobiphenyl (87)	115385.44	117023.37	0.01	1.4	15.0
Tetrachlorobiphenyl (77)	66225.672	67554.310	0.01	2.0	15.0
Pentachlorobiphenyl (118)	120217.35	119107.69	0.01	-0.9	15.0
Heptachlorobiphenyl (184)	126416.22	125488.77	0.01	-0.7	15.0
Hexachlorobiphenyl (153)	114851.12	113973.79	0.01	-0.8	15.0
Pentachlorobiphenyl (105)	157298.63	159571.68	0.01	1.4	15.0
Hexachlorobiphenyl (138)	143788.84	144290.28	0.01	0.3	15.0
Heptachlorobiphenyl (187)	124050.25	122412.68	0.01	-1.3	15.0
Heptachlorobiphenyl (183)	150534.21	148508.25	0.01	-1.3	15.0
Pentachlorobiphenyl (126)	79764.785	81800.770	0.01	2.6	15.0
Hexachlorobiphenyl (128)	170743.46	169520.70	0.01	-0.7	15.0
Hexachlorobiphenyl (156)	178235.70	177604.97	0.01	-0.4	15.0
Heptachlorobiphenyl (180)	162146.58	159754.93	0.01	-1.5	15.0
Heptachlorobiphenyl (170)	175590.69	171178.00	0.01	-2.5	15.0
Hexachlorobiphenyl (169)	104107.23	101949.63	0.01	-2.1	15.0
Octachlorobiphenyl (195)	164797.13	158499.07	0.01	-3.8	15.0
Nonachlorobiphenyl (206)	128238.39	119858.75	0.01	-6.5	15.0
Tetrachlorobiphenyl (81)	115385.44	117023.37	0.01	1.4	15.0
4cmx	212165.46	217794.60	0.01	2.7	15.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 1510

Lab File ID: 012F1201 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d
Decachlorobiphenyl	85.4	100	AVRG	-14.6	15.0
Pentachlorobiphenyl (114)	102	100	AVRG	2.0	15.0
Pentachlorobiphenyl (123)	100	100	AVRG	0.0	15.0
Hexachlorobiphenyl (157)	93.8	100	AVRG	-6.2	15.0
Heptachlorobiphenyl (189)	93.8	100	AVRG	-6.2	15.0
Hexachlorobiphenyl (167)	93.6	100	AVRG	-6.4	15.0
2,4'-Dichlorobiphenyl (8)	108	100	LINR	8.0	15.0
2,2',5-Trichlorobiphenyl (18	108	100	LINR	8.0	15.0
2,4,4'-Trichlorobiphenyl (28	102	100	AVRG	2.0	15.0
Tetrachlorobiphenyl (52)	102	100	AVRG	2.0	15.0
Tetrachlorobiphenyl (49)	99.0	100	AVRG	-1.0	15.0
Tetrachlorobiphenyl (44)	100	100	AVRG	0.0	15.0
Tetrachlorobiphenyl (66)	103	100	AVRG	3.0	15.0
Pentachlorobiphenyl (101)	98.6	100	AVRG	-1.4	15.0
Pentachlorobiphenyl (87)	101	100	AVRG	1.0	15.0
Tetrachlorobiphenyl (77)	103	100	LINR	3.0	15.0
Pentachlorobiphenyl (118)	98.8	100	AVRG	-1.2	15.0
Heptachlorobiphenyl (184)	103	100	LINR	3.0	15.0
Hexachlorobiphenyl (153)	97.0	100	AVRG	-3.0	15.0
Pentachlorobiphenyl (105)	98.3	100	AVRG	-1.7	15.0
Hexachlorobiphenyl (138)	97.6	100	AVRG	-2.4	15.0
Heptachlorobiphenyl (187)	95.8	100	AVRG	-4.2	15.0
Heptachlorobiphenyl (183)	92.6	100	AVRG	-7.4	15.0
Pentachlorobiphenyl (126)	108	100	AVRG	8.0	15.0
Hexachlorobiphenyl (128)	95.9	100	AVRG	-4.1	15.0
Hexachlorobiphenyl (156)	96.1	100	AVRG	-3.9	15.0
Heptachlorobiphenyl (180)	91.6	100	AVRG	-8.4	15.0
Heptachlorobiphenyl (170)	93.6	100	AVRG	-6.4	15.0
Hexachlorobiphenyl (169)	92.8	100	AVRG	-7.2	15.0
Octachlorobiphenyl (195)	88.6	100	AVRG	-11.4	15.0
Nonachlorobiphenyl (206)	87.4	100	AVRG	-12.6	15.0
Tetrachlorobiphenyl (81)	100	100	AVRG	0.0	15.0
4cmx	79.9	80.0	AVRG	-0.1	15.0

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 1510

Lab File ID: 012B1201 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D	
Decachlorobiphenyl	108942.47	89418.260	0.01	-17.9	15.0	<-
Pentachlorobiphenyl (114)	176589.28	171796.98	0.01	-2.7	15.0	
Pentachlorobiphenyl (123)	117316.65	113806.64	0.01	-3.0	15.0	
Hexachlorobiphenyl (157)	155524.57	144189.51	0.01	-7.3	15.0	
Heptachlorobiphenyl (189)	156943.70	138376.17	0.01	-11.8	15.0	
Hexachlorobiphenyl (167)	127141.66	117972.03	0.01	-7.2	15.0	
2,4'-Dichlorobiphenyl (8)	37391.968	36609.830	0.01	-2.1	15.0	
2,2',5-Trichlorobiphenyl (18	46359.343	45488.970	0.01	-1.9	15.0	
2,4,4'-Trichlorobiphenyl (28	102594.03	102705.02	0.01	0.1	15.0	
Tetrachlorobiphenyl (52)	70355.334	68821.590	0.01	-2.2	15.0	
Tetrachlorobiphenyl (49)	88902.968	86748.020	0.01	-2.4	15.0	
Tetrachlorobiphenyl (44)	94329.863	92775.730	0.01	-1.6	15.0	
Tetrachlorobiphenyl (66)	111476.74	110089.53	0.01	-1.2	15.0	
Pentachlorobiphenyl (101)	97044.522	93280.120	0.01	-3.9	15.0	
Pentachlorobiphenyl (87)	115385.44	111829.39	0.01	-3.1	15.0	
Tetrachlorobiphenyl (77)	66225.672	64761.150	0.01	-2.2	15.0	
Pentachlorobiphenyl (118)	120217.35	113087.00	0.01	-5.9	15.0	
Heptachlorobiphenyl (184)	126416.22	118708.31	0.01	-6.1	15.0	
Hexachlorobiphenyl (153)	114851.12	108117.32	0.01	-5.9	15.0	
Pentachlorobiphenyl (105)	157298.63	150564.41	0.01	-4.3	15.0	
Hexachlorobiphenyl (138)	143788.84	134771.75	0.01	-6.3	15.0	
Heptachlorobiphenyl (187)	124050.25	114938.79	0.01	-7.3	15.0	
Heptachlorobiphenyl (183)	150534.21	138844.81	0.01	-7.8	15.0	
Pentachlorobiphenyl (126)	79764.785	77664.990	0.01	-2.6	15.0	
Hexachlorobiphenyl (128)	170743.46	158629.84	0.01	-7.1	15.0	
Hexachlorobiphenyl (156)	178235.70	165749.76	0.01	-7.0	15.0	
Heptachlorobiphenyl (180)	162146.58	147012.51	0.01	-9.3	15.0	
Heptachlorobiphenyl (170)	175590.69	157579.22	0.01	-10.2	15.0	
Hexachlorobiphenyl (169)	104107.23	93936.450	0.01	-9.8	15.0	
Octachlorobiphenyl (195)	164797.13	144032.08	0.01	-12.6	15.0	
Nonachlorobiphenyl (206)	128238.39	106383.06	0.01	-17.0	15.0	<-
Tetrachlorobiphenyl (81)	115385.44	111829.38	0.01	-3.1	15.0	
4cmx	212165.46	206975.43	0.01	-2.4	15.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 1721

Lab File ID: 017F1701 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: CLP1 ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL100 AMOUNT	CURVE	%D	MAX %d	
Decachlorobiphenyl	59.9	100	AVRG	-40.1	15.0	<-
Pentachlorobiphenyl (114)	96.9	100	AVRG	-3.1	15.0	
Pentachlorobiphenyl (123)	97.8	100	AVRG	-2.2	15.0	
Hexachlorobiphenyl (157)	80.7	100	AVRG	-19.3	15.0	<-
Heptachlorobiphenyl (189)	74.8	100	AVRG	-25.2	15.0	<-
Hexachlorobiphenyl (167)	83.6	100	AVRG	-16.4	15.0	<-
2,4'-Dichlorobiphenyl (8)	108	100	LINR	8.0	15.0	
2,2',5-Trichlorobiphenyl (18	107	100	LINR	7.0	15.0	
2,4,4'-Trichlorobiphenyl (28	102	100	AVRG	2.0	15.0	
Tetrachlorobiphenyl (52)	99.5	100	AVRG	-0.5	15.0	
Tetrachlorobiphenyl (49)	99.0	100	AVRG	-1.0	15.0	
Tetrachlorobiphenyl (44)	99.3	100	AVRG	-0.7	15.0	
Tetrachlorobiphenyl (66)	99.8	100	AVRG	-0.2	15.0	
Pentachlorobiphenyl (101)	95.5	100	AVRG	-4.5	15.0	
Pentachlorobiphenyl (87)	98.7	100	AVRG	-1.3	15.0	
Tetrachlorobiphenyl (77)	105	100	LINR	5.0	15.0	
Pentachlorobiphenyl (118)	95.9	100	AVRG	-4.1	15.0	
Heptachlorobiphenyl (184)	98.1	100	LINR	-1.9	15.0	
Hexachlorobiphenyl (153)	93.0	100	AVRG	-7.0	15.0	
Pentachlorobiphenyl (105)	93.3	100	AVRG	-6.7	15.0	
Hexachlorobiphenyl (138)	90.8	100	AVRG	-9.2	15.0	
Heptachlorobiphenyl (187)	87.5	100	AVRG	-12.5	15.0	
Heptachlorobiphenyl (183)	78.7	100	AVRG	-21.3	15.0	<-
Pentachlorobiphenyl (126)	88.2	100	AVRG	-11.8	15.0	
Hexachlorobiphenyl (128)	86.7	100	AVRG	-13.3	15.0	
Hexachlorobiphenyl (156)	83.4	100	AVRG	-16.6	15.0	<-
Heptachlorobiphenyl (180)	78.7	100	AVRG	-21.3	15.0	<-
Heptachlorobiphenyl (170)	77.8	100	AVRG	-22.2	15.0	<-
Hexachlorobiphenyl (169)	75.4	100	AVRG	-24.6	15.0	<-
Octachlorobiphenyl (195)	73.0	100	AVRG	-27.0	15.0	<-
Nonachlorobiphenyl (206)	64.1	100	AVRG	-35.9	15.0	<-
Tetrachlorobiphenyl (81)	96.7	100	AVRG	-3.3	15.0	
4cmx	80.3	80.0	AVRG	0.4	15.0	

FORM VII PEST

FORM 7
PESTICIDE CONTINUING CALIBRATION CHECK

Lab Name: GEL, LLC. Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

Instrument ID: ECD8A Calibration Date: 07/26/06 Time: 1721

Lab File ID: 017B1701 Init. Calib. Date(s): 07/25/06 07/25/06

Heated Purge: (Y/N) N Init. Calib. Times: 1507 1652

GC Column: DB-17MS ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF100	MIN RRF	%D	MAX %D	
Decachlorobiphenyl	108942.47	64772.370	0.01	-40.5	15.0	<-
Pentachlorobiphenyl (114)	176589.28	161192.42	0.01	-8.7	15.0	
Pentachlorobiphenyl (123)	117316.65	107485.66	0.01	-8.4	15.0	
Hexachlorobiphenyl (157)	155524.57	126965.87	0.01	-18.4	15.0	<-
Heptachlorobiphenyl (189)	156943.70	108944.19	0.01	-30.6	15.0	<-
Hexachlorobiphenyl (167)	127141.66	104225.73	0.01	-18.0	15.0	<-
2,4'-Dichlorobiphenyl (8)	37391.968	36912.790	0.01	-1.3	15.0	
2,2',5-Trichlorobiphenyl (18	46359.343	45437.080	0.01	-2.0	15.0	
2,4,4'-Trichlorobiphenyl (28	102594.03	101235.86	0.01	-1.3	15.0	
Tetrachlorobiphenyl (52)	70355.334	67985.140	0.01	-3.4	15.0	
Tetrachlorobiphenyl (49)	88902.968	85548.090	0.01	-3.8	15.0	
Tetrachlorobiphenyl (44)	94329.863	91271.710	0.01	-3.2	15.0	
Tetrachlorobiphenyl (66)	111476.74	107356.65	0.01	-3.7	15.0	
Pentachlorobiphenyl (101)	97044.522	90470.130	0.01	-6.8	15.0	
Pentachlorobiphenyl (87)	115385.44	107464.63	0.01	-6.9	15.0	
Tetrachlorobiphenyl (77)	66225.672	61885.610	0.01	-6.6	15.0	
Pentachlorobiphenyl (118)	120217.35	105322.02	0.01	-12.4	15.0	
Heptachlorobiphenyl (184)	126416.22	110163.25	0.01	-12.8	15.0	
Hexachlorobiphenyl (153)	114851.12	100546.04	0.01	-12.4	15.0	
Pentachlorobiphenyl (105)	157298.63	137950.97	0.01	-12.3	15.0	
Hexachlorobiphenyl (138)	143788.84	122094.99	0.01	-15.1	15.0	<-
Heptachlorobiphenyl (187)	124050.25	104254.03	0.01	-16.0	15.0	<-
Heptachlorobiphenyl (183)	150534.21	124498.63	0.01	-17.3	15.0	<-
Pentachlorobiphenyl (126)	79764.785	70359.460	0.01	-11.8	15.0	
Hexachlorobiphenyl (128)	170743.46	140934.39	0.01	-17.4	15.0	<-
Hexachlorobiphenyl (156)	178235.70	144234.15	0.01	-19.1	15.0	<-
Heptachlorobiphenyl (180)	162146.58	129414.45	0.01	-20.2	15.0	<-
Heptachlorobiphenyl (170)	175590.69	131923.70	0.01	-24.9	15.0	<-
Hexachlorobiphenyl (169)	104107.23	77571.670	0.01	25.5	15.0	<-
Octachlorobiphenyl (195)	164797.13	113330.22	0.01	-31.2	15.0	<-
Nonachlorobiphenyl (206)	128238.39	79054.100	0.01	-38.4	15.0	<-
Tetrachlorobiphenyl (81)	115385.44	107464.62	0.01	-6.9	15.0	
4cmx	212165.46	209259.84	0.01	-1.4	15.0	

FORM VII PEST

8D
PCB ANALYTICAL SEQUENCE

Lab Name: GENERAL ENGINEERING LAB, Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

GC Column: CLP1 ID: 0.25 (mm) Init. Calib. Date(s): 07/25/06 07/25/06

Instrument ID: ECD8A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 3.32

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	RT #
01	PIBLK01	WAR060623-02	07/25/06	1441	3.31	
02	CONSTD01	WAR060725-11	07/25/06	1507	3.32	
03	CONSTD02	WAR060725-12	07/25/06	1533	3.32	
04	CONSTD03	WAR060725-13	07/25/06	1600	3.32	
05	CONSTD04	WAR060725-14	07/25/06	1626	3.31	
06	CONSTD05	IAR060413-50	07/25/06	1652	3.32	
07	CONSTD01	WAR060413-50	07/25/06	1718	3.32	
08	PIBLK02	WAR060623-02	07/25/06	1745	3.32	
09	PBLK01	1201141176	07/25/06	1811	3.32	
10	PBLK01LCS	1201141177	07/25/06	1837	3.32	
11	PBLK01LCSD	1201142185	07/25/06	1903	3.32	
12	ZZZZZ	ZZZZZ	07/25/06	1929	3.31	
13	ZZZZZ	ZZZZZ	07/25/06	1955	3.32	
14	ZZZZZ	ZZZZZ	07/25/06	2021	3.32	
15	ZZZZZ	ZZZZZ	07/25/06	2048	3.32	
16	ZZZZZ	ZZZZZ	07/25/06	2114	3.32	
17	ZZZZZ	ZZZZZ	07/25/06	2140	3.32	
18	ZZZZZ	ZZZZZ	07/25/06	2206	3.32	
19	CONSTD02	WAR060725-13	07/25/06	2232	3.32	
20	PIBLK03	WAR060623-02	07/25/06	2258	3.32	
21	ZZZZZ	ZZZZZ	07/25/06	2324	3.32	
22	ZZZZZ	ZZZZZ	07/25/06	2350	3.32	
23	ZZZZZ	ZZZZZ	07/26/06	0016	3.32	
24	20607202601	167604001	07/26/06	0042	3.32	
25	20607202602	167604002	07/26/06	0108	3.32	
26	20607202603	167604003	07/26/06	0134	3.32	
27	20607202604	167604004	07/26/06	0200	3.32	
28	20607202605	167604005	07/26/06	0226	3.35*	
29	20607202606	167604006	07/26/06	0252	3.32	
30	20607202607	167604007	07/26/06	0318	3.32	
31	CONSTD03	WAR060725-13	07/26/06	0344	3.32	
32	PIBLK04	WAR060623-02	07/26/06	0410	3.31	

S1 = 4cmx

QC LIMITS
(+/- 0.02 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: GENERAL ENGINEERING LAB, Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

GC Column: CLP1 ID: 0.25 (mm) Init. Calib. Date(s): 07/25/06 07/25/06

Instrument ID: ECD8A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 3.32

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	RT #
01	20607202608	167604008	07/26/06	0436	3.32	
02	20607202609	167604009	07/26/06	0502	3.32	
03	20607202610	167604010	07/26/06	0528	3.32	
04	20607202611	167604011	07/26/06	0554	3.32	
05	20607202612	167604012	07/26/06	0621	3.32	
06	CONSTD04	WAR060725-13	07/26/06	0647	3.32	
07	PIBLK05	WAR060623-02	07/26/06	0713	3.32	
08						
09						
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S1 = 4cmx

QC LIMITS
(+/- 0.02 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: GENERAL ENGINEERING LAB, Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

GC Column: DB-17MS ID: 0.25 (mm) Init. Calib. Date(s): 07/25/06 07/25/06

Instrument ID: ECD8A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 4.44

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	RT #
01	PIBLK01	WAR060623-02	07/25/06	1441	4.44	
02	CONSTD01	WAR060725-11	07/25/06	1507	4.44	
03	CONSTD02	WAR060725-12	07/25/06	1533	4.44	
04	CONSTD03	WAR060725-13	07/25/06	1600	4.44	
05	CONSTD04	WAR060725-14	07/25/06	1626	4.44	
06	CONSTD05	IAR060413-50	07/25/06	1652	4.44	
07	CONSTD01	WAR060413-50	07/25/06	1718	4.44	
08	PIBLK02	WAR060623-02	07/25/06	1745	4.44	
09	PBLK01	1201141176	07/25/06	1811	4.44	
10	PBLK01LCS	1201141177	07/25/06	1837	4.44	
11	PBLK01LCSD	1201142185	07/25/06	1903	4.44	
12	ZZZZZ	ZZZZZ	07/25/06	1929	4.44	
13	ZZZZZ	ZZZZZ	07/25/06	1955	4.44	
14	ZZZZZ	ZZZZZ	07/25/06	2021	4.44	
15	ZZZZZ	ZZZZZ	07/25/06	2048	4.44	
16	ZZZZZ	ZZZZZ	07/25/06	2114	4.44	
17	ZZZZZ	ZZZZZ	07/25/06	2140	4.44	
18	ZZZZZ	ZZZZZ	07/25/06	2206	4.44	
19	CONSTD02	WAR060725-13	07/25/06	2232	4.44	
20	PIBLK03	WAR060623-02	07/25/06	2258	4.44	
21	ZZZZZ	ZZZZZ	07/25/06	2324	4.44	
22	ZZZZZ	ZZZZZ	07/25/06	2350	4.44	
23	ZZZZZ	ZZZZZ	07/26/06	0016	4.44	
24	20607202601	167604001	07/26/06	0042	4.44	
25	20607202602	167604002	07/26/06	0108	4.44	
26	20607202603	167604003	07/26/06	0134	4.44	
27	20607202604	167604004	07/26/06	0200	4.44	
28	20607202605	167604005	07/26/06	0226	4.46*	
29	20607202606	167604006	07/26/06	0252	4.44	
30	20607202607	167604007	07/26/06	0318	4.44	
31	CONSTD03	WAR060725-13	07/26/06	0344	4.44	
32	PIBLK04	WAR060623-02	07/26/06	0410	4.44	

S1 = 4cmx

QC LIMITS
(+/- 0.02 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: GENERAL ENGINEERING LAB, Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

GC Column: DB-17MS ID: 0.25 (mm) Init. Calib. Date(s): 07/25/06 07/25/06

Instrument ID: ECD8A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 4.44

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	RT #
01	20607202608	167604008	07/26/06	0436	4.44	
02	20607202609	167604009	07/26/06	0502	4.44	
03	20607202610	167604010	07/26/06	0528	4.44	
04	20607202611	167604011	07/26/06	0554	4.44	
05	20607202612	167604012	07/26/06	0621	4.44	
06	CONSTD04	WAR060725-13	07/26/06	0647	4.44	
07	PIBLK05	WAR060623-02	07/26/06	0713	4.44	
08						
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S1 = 4cmx

QC LIMITS
(+/- 0.02 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: GENERAL ENGINEERING LAB, Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

GC Column: CLP1 ID: 0.25 (mm) Init. Calib. Date(s): 07/25/06 07/25/06

Instrument ID: ECD8A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 3.32

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	RT #
01	PIBLK01	WAR060623-02	07/26/06	1004	3.31	
02	CONSTD01	WAR060725-13	07/26/06	1030	3.32	
03	PIBLK02	WAR060623-02	07/26/06	1116	3.32	
04	PBLK02	1201141679	07/26/06	1142	3.32	
05	PBLK02LCS	1201141680	07/26/06	1208	3.32	
06	PBLK02LCSD	1201142450	07/26/06	1234	3.32	
07	20607202613	167604013	07/26/06	1300	3.32	
08	20607202614	167604014	07/26/06	1326	3.32	
09	20607202615	167604015	07/26/06	1352	3.32	
10	20607202616	167604016	07/26/06	1418	3.32	
11	20607202617	167604017	07/26/06	1444	3.32	
12	CONSTD02	WAR060725-13	07/26/06	1510	3.32	
13	PIBLK03	WAR060623-02	07/26/06	1536	3.32	
14	20607202618	167604018	07/26/06	1603	3.32	
15	20607202618MS	1201141681	07/26/06	1629	3.32	
16	20607202618MSD	1201141682	07/26/06	1655	3.32	
17	CONSTD03	WAR060725-13	07/26/06	1721	3.32	
18	PIBLK04	WAR060623-02	07/26/06	1747	3.32	
19						
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S1 = 4cmx

QC LIMITS
(+/- 0.02 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: GENERAL ENGINEERING LAB, Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 167603-1

GC Column: DB-17MS ID: 0.25 (mm) Init. Calib. Date(s): 07/25/06 07/25/06

Instrument ID: ECD8A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 4.44

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	RT #
01	PIBLK01	WAR060623-02	07/26/06	1004	4.44	
02	CONSTD01	WAR060725-13	07/26/06	1030	4.44	
03	PIBLK02	WAR060623-02	07/26/06	1116	4.44	
04	PBLK02	1201141679	07/26/06	1142	4.44	
05	PBLK02LCS	1201141680	07/26/06	1208	4.44	
06	PBLK02LCSD	1201142450	07/26/06	1234	4.44	
07	20607202613	167604013	07/26/06	1300	4.44	
08	20607202614	167604014	07/26/06	1326	4.44	
09	20607202615	167604015	07/26/06	1352	4.44	
10	20607202616	167604016	07/26/06	1418	4.44	
11	20607202617	167604017	07/26/06	1444	4.44	
12	CONSTD02	WAR060725-13	07/26/06	1510	4.44	
13	PIBLK03	WAR060623-02	07/26/06	1536	4.44	
14	20607202618	167604018	07/26/06	1603	4.45	
15	20607202618MS	1201141681	07/26/06	1629	4.45	
16	20607202618MSD	1201141682	07/26/06	1655	4.45	
17	CONSTD03	WAR060725-13	07/26/06	1721	4.45	
18	PIBLK04	WAR060623-02	07/26/06	1747	4.44	
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S1 = 4cmx

QC LIMITS
(+/- 0.02 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

Identification Summary

SDG Number: 167603-1 Client ID: 20607202602

Lab Sample ID: 167604002

Data File:	025f2501.d	Data File:	025b2501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 01:08	Analyzed:	26-JUL-06 01:08

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Hexachlorobiphenyl (153)							22.6
Column 1	1	9.1	9.08 – 9.12	.223	.223	ug/kg	
Column 2	1	12.1	12 – 12.1	.178	.178	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202604

Lab Sample ID: 167604004

Data File:	027f2701.d	Data File:	027b2701.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 02:00	Analyzed:	26-JUL-06 02:00

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							6.02
Column 1	1	5.83	5.81 – 5.85	.435	.435	ug/kg	
Column 2	1	7.61	7.58 – 7.62	.409	.409	ug/kg	
Tetrachlorobiphenyl (44)							81.8
Column 1	1	6.2	6.17 – 6.21	.413	.413	ug/kg	
Column 2	1	8.15	8.13 – 8.17	.173	.173	ug/kg	
Pentachlorobiphenyl (101)							11.5
Column 1	1	7.3	7.27 – 7.31	.629	.629	ug/kg	
Column 2	1	9.64	9.61 – 9.65	.706	.706	ug/kg	
Pentachlorobiphenyl (87)							3.86
Column 1	1	7.81	7.79 – 7.83	.382	.382	ug/kg	
Column 2	1	10.5	10.5 – 10.5	.397	.397	ug/kg	
Pentachlorobiphenyl (118)							5.4
Column 1	1	8.67	8.64 – 8.68	.482	.482	ug/kg	
Column 2	1	11.5	11.5 – 11.5	.509	.509	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: 20607202604

Lab Sample ID: 167604004

Data File: 027f2701.d Data File: 027b2701.d

Inst: ECD8A.I_1 Inst: ECD8A.I_2

Column: 1 Column: 2

Analyzed: 26–JUL–06 02:00 Analyzed: 26–JUL–06 02:00

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Hexachlorobiphenyl (138)							6.8
Column 1	1	9.77	9.74 – 9.78	.779	.779	ug/kg	
Column 2	1	13.2	13.1 – 13.2	.728	.728	ug/kg	
Hexachlorobiphenyl (128)							5.26
Column 1	1	10.5	10.5 – 10.5	.238	.238	ug/kg	
Column 2	1	14.3	14.3 – 14.3	.225	.225	ug/kg	
Heptachlorobiphenyl (180)							9.92
Column 1	1	11.6	11.6 – 11.6	.303	.303	ug/kg	
Column 2	1	15.3	15.3 – 15.4	.274	.274	ug/kg	
Heptachlorobiphenyl (187)							44.7
Column 1	1	10.1	10.1 – 10.1	.228	.228	ug/kg	
Column 2	1	13.5	13.5 – 13.5	.359	.359	ug/kg	
Nonachlorobiphenyl (206)							15.3
Column 1	1	15.4	15.4 – 15.4	1.34	1.34	ug/kg	
Column 2	1	20	20 – 20	1.56	1.56	ug/kg	

Identification Summary

SDG Number: 167603-1

Client ID: 20607202606

Lab Sample ID: 167604006

Data File:	029f2901.d	Data File:	029b2901.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 02:52	Analyzed:	26-JUL-06 02:52

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (101)							26.8
Column 1	1	7.29	7.27 – 7.31	.284	.284	ug/kg	
Column 2	1	9.63	9.61 – 9.65	.372	.372	ug/kg	
Hexachlorobiphenyl (138)							.383
Column 1	1	9.77	9.74 – 9.78	.49	.49	ug/kg	
Column 2	1	13.2	13.1 – 13.2	.492	.492	ug/kg	
Heptachlorobiphenyl (180)							13.7
Column 1	1	11.6	11.6 – 11.6	.133	.133	ug/kg	
Column 2	1	15.3	15.3 – 15.4	.116	.116	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202612

Lab Sample ID: 167604012

Data File:	037f3701.d	Data File:	037b3701.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 06:21	Analyzed:	26-JUL-06 06:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							25.2
Column 1	1	5.83	5.81 – 5.85	.509	.509	ug/kg	
Column 2	1	7.61	7.58 – 7.62	.395	.395	ug/kg	
Tetrachlorobiphenyl (44)							48.6
Column 1	1	6.19	6.17 – 6.21	.253	.253	ug/kg	
Column 2	1	8.15	8.13 – 8.17	.154	.154	ug/kg	
Pentachlorobiphenyl (101)							14.5
Column 1	1	7.3	7.27 – 7.31	.524	.524	ug/kg	
Column 2	1	9.63	9.61 – 9.65	.606	.606	ug/kg	
Pentachlorobiphenyl (87)							16.8
Column 1	1	7.81	7.79 – 7.83	.292	.292	ug/kg	
Column 2	1	10.5	10.5 – 10.5	.346	.346	ug/kg	
Pentachlorobiphenyl (118)							5.84
Column 1	1	8.66	8.64 – 8.68	.372	.372	ug/kg	
Column 2	1	11.5	11.5 – 11.5	.395	.395	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202612

Lab Sample ID: 167604012

Data File:	037f3701.d	Data File:	037b3701.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 06:21	Analyzed:	26-JUL-06 06:21

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Hexachlorobiphenyl (153)							45.8
Column 1	1	9.1	9.08 – 9.12	.49	.49	ug/kg	
Column 2	1	12.1	12 – 12.1	.307	.307	ug/kg	
Hexachlorobiphenyl (138)							1.39
Column 1	1	9.77	9.74 – 9.78	.408	.408	ug/kg	
Column 2	1	13.2	13.1 – 13.2	.402	.402	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: 20607202616

Lab Sample ID: 167604016

Data File:	010f1001.d	Data File:	010b1001.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26–JUL–06 14:18	Analyzed:	26–JUL–06 14:18

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Decachlorobiphenyl							1.18
Column 1	1	16.1	16 – 16.1	23.7	23.7	ug/kg	
Column 2	1	20.7	20.7 – 20.7	24	24	ug/kg	
Tetrachlorobiphenyl (52)							21.3
Column 1	1	5.83	5.81 – 5.85	33.6	33.6	ug/kg	
Column 2	1	7.6	7.58 – 7.62	27.1	27.1	ug/kg	
Tetrachlorobiphenyl (44)							31.6
Column 1	1	6.19	6.17 – 6.21	19.8	19.8	ug/kg	
Column 2	1	8.15	8.13 – 8.17	14.4	14.4	ug/kg	
Pentachlorobiphenyl (101)							15.7
Column 1	1	7.29	7.27 – 7.31	44.5	44.5	ug/kg	
Column 2	1	9.63	9.61 – 9.65	52.1	52.1	ug/kg	
Pentachlorobiphenyl (87)							24.3
Column 1	1	7.81	7.79 – 7.83	25.7	25.7	ug/kg	
Column 2	1	10.5	10.5 – 10.5	32.8	32.8	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202616

Lab Sample ID: 167604016

Data File:	010f1001.d	Data File:	010b1001.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 14:18	Analyzed:	26-JUL-06 14:18

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (183)							28.4
Column 1	1	10.2	10.2 – 10.2	5.81	5.81	ug/kg	
Column 2	1	13.6	13.6 – 13.7	7.74	7.74	ug/kg	
Hexachlorobiphenyl (128)							9.29
Column 1	1	10.5	10.5 – 10.5	8.36	8.36	ug/kg	
Column 2	1	14.3	14.3 – 14.3	9.17	9.17	ug/kg	
Hexachlorobiphenyl (156)							19.3
Column 1	1	11.2	11.2 – 11.2	6.13	6.13	ug/kg	
Column 2	1	14.9	14.9 – 14.9	5.05	5.05	ug/kg	
Heptachlorobiphenyl (180)							6.61
Column 1	1	11.6	11.6 – 11.6	18.3	18.3	ug/kg	
Column 2	1	15.3	15.3 – 15.4	17.1	17.1	ug/kg	
Heptachlorobiphenyl (170)							52.5
Column 1	1	12.4	12.4 – 12.4	11.2	11.2	ug/kg	
Column 2	1	16.6	16.6 – 16.6	19.2	19.2	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202616

Lab Sample ID: 167604016

Data File:	010f1001.d	Data File:	010b1001.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 14:18	Analyzed:	26-JUL-06 14:18

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (118)							8.26
Column 1	1	8.66	8.64 – 8.68	36.3	36.3	ug/kg	
Column 2	1	11.5	11.5 – 11.5	39.4	39.4	ug/kg	
Hexachlorobiphenyl (153)							25
Column 1	1	9.1	9.08 – 9.12	50.1	50.1	ug/kg	
Column 2	1	12.1	12.1 – 12.1	39	39	ug/kg	
Pentachlorobiphenyl (105)							65.2
Column 1	1	9.27	9.26 – 9.3	14.9	14.9	ug/kg	
Column 2	1	12.5	12.5 – 12.6	29.3	29.3	ug/kg	
Hexachlorobiphenyl (138)							1.82
Column 1	1	9.76	9.74 – 9.78	43.2	43.2	ug/kg	
Column 2	1	13.2	13.1 – 13.2	44	44	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202616

Lab Sample ID: 167604016

Data File:	010f1001.d	Data File:	010b1001.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 14:18	Analyzed:	26-JUL-06 14:18

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (187)							30
Column 1	1	10.1	10.1 – 10.1	13.4	13.4	ug/kg	
Column 2	1	13.5	13.5 – 13.5	18.2	18.2	ug/kg	
Nonachlorobiphenyl (206)							7.72
Column 1	1	15.4	15.4 – 15.4	4.82	4.82	ug/kg	
Column 2	1	20	20 – 20	4.46	4.46	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618

Lab Sample ID: 167604018

Data File:	014f1401.d	Data File:	014b1401.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:03	Analyzed:	26-JUL-06 16:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							22
Column 1	1	5.84	5.81 – 5.85	7.34	7.34	ug/kg	
Column 2	1	7.61	7.58 – 7.62	5.89	5.89	ug/kg	
Tetrachlorobiphenyl (44)							6.77
Column 1	1	6.2	6.17 – 6.21	2.25	2.25	ug/kg	
Column 2	1	8.16	8.13 – 8.17	2.1	2.1	ug/kg	
Pentachlorobiphenyl (101)							12.8
Column 1	1	7.31	7.27 – 7.31	13.6	13.6	ug/kg	
Column 2	1	9.64	9.61 – 9.65	15.5	15.5	ug/kg	
Pentachlorobiphenyl (87)							13.2
Column 1	1	7.82	7.79 – 7.83	7.23	7.23	ug/kg	
Column 2	1	10.5	10.5 – 10.5	8.25	8.25	ug/kg	
Hexachlorobiphenyl (153)							35.5
Column 1	1	9.12	9.08 – 9.12	14.8	14.8	ug/kg	
Column 2	1	12.1	12.1 – 12.1	10.3	10.3	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MS

Lab Sample ID: 1201141681

Data File: 015f1501.d Data File: 015b1501.d

Inst: ECD8A.I_1 Inst: ECD8A.I_2

Column: 1 Column: 2

Analyzed: 26-JUL-06 16:29 Analyzed: 26-JUL-06 16:29

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							.153
Column 1	1	13.5	13.4 – 13.5	2.09	2.09	ug/kg	
Column 2	1	17.6	17.5 – 17.6	2.09	2.09	ug/kg	
Decachlorobiphenyl							4.88
Column 1	1	16.1	16 – 16.1	1.52	1.52	ug/kg	
Column 2	1	20.7	20.7 – 20.7	1.45	1.45	ug/kg	
2,4'-Dichlorobiphenyl (8)							128
Column 1	1	3.93	3.91 – 3.95	11.3	11.3	ug/kg	
Column 2	1	5.36	5.35 – 5.39	2.47	2.47	ug/kg	
2,2',5-Trichlorobiphenyl (18)							17.3
Column 1	1	4.51	4.49 – 4.53	2.51	2.51	ug/kg	
Column 2	1	6.12	6.09 – 6.13	2.98	2.98	ug/kg	
2,4,4'-Trichlorobiphenyl (28)							23.4
Column 1	1	5.29	5.27 – 5.31	3.02	3.02	ug/kg	
Column 2	1	6.95	6.93 – 6.97	3.82	3.82	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MS

Lab Sample ID: 1201141681

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:29	Analyzed:	26-JUL-06 16:29

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							.737
Column 1	1	5.84	5.81 – 5.85	16.2	16.2	ug/kg	
Column 2	1	7.61	7.58 – 7.62	16.3	16.3	ug/kg	
Tetrachlorobiphenyl (49)							18
Column 1	1	5.86	5.84 – 5.88	3.76	3.76	ug/kg	
Column 2	1	7.69	7.66 – 7.7	4.5	4.5	ug/kg	
Tetrachlorobiphenyl (44)							3.97
Column 1	1	6.2	6.17 – 6.21	7.43	7.43	ug/kg	
Column 2	1	8.16	8.13 – 8.17	7.74	7.74	ug/kg	
Tetrachlorobiphenyl (66)							158
Column 1	1	6.95	6.92 – 6.96	3.66	3.66	ug/kg	
Column 2	1	9.13	9.12 – 9.16	31.1	31.1	ug/kg	
Pentachlorobiphenyl (101)							18.8
Column 1	1	7.3	7.27 – 7.31	30	30	ug/kg	
Column 2	1	9.64	9.61 – 9.65	36.3	36.3	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: 20607202618(167604018)MS

Lab Sample ID: 1201141681

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26–JUL–06 16:29	Analyzed:	26–JUL–06 16:29

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							25.3
Column 1	1	7.82	7.79 – 7.83	17.1	17.1	ug/kg	
Column 2	1	10.5	10.5 – 10.5	22.1	22.1	ug/kg	
Tetrachlorobiphenyl (77)							87
Column 1	1	8.25	8.22 – 8.26	6.54	6.54	ug/kg	
Column 2	1	10.9	10.9 – 10.9	2.58	2.58	ug/kg	
Pentachlorobiphenyl (123)							134
Column 1	1	8.59	8.56 – 8.6	4.45	4.45	ug/kg	
Column 2	1	11.4	11.4 – 11.5	22.6	22.6	ug/kg	
Pentachlorobiphenyl (118)							.37
Column 1	1	8.67	8.64 – 8.68	20	20	ug/kg	
Column 2	1	11.5	11.5 – 11.5	19.9	19.9	ug/kg	
Pentachlorobiphenyl (114)							49.5
Column 1	1	8.79	8.76 – 8.8	3.28	3.28	ug/kg	
Column 2	1	11.9	11.9 – 11.9	5.44	5.44	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: 20607202618(167604018)MS

Lab Sample ID: 1201141681

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26–JUL–06 16:29	Analyzed:	26–JUL–06 16:29

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							18.4
Column 1	1	8.84	8.8 – 8.84	2.79	2.79	ug/kg	
Column 2	1	12	11.9 – 12	2.32	2.32	ug/kg	
Hexachlorobiphenyl (153)							29.7
Column 1	1	9.11	9.08 – 9.12	31.2	31.2	ug/kg	
Column 2	1	12.1	12.1 – 12.1	23.2	23.2	ug/kg	
Pentachlorobiphenyl (105)							62.9
Column 1	1	9.29	9.26 – 9.3	7.75	7.75	ug/kg	
Column 2	1	12.6	12.5 – 12.6	14.9	14.9	ug/kg	
Hexachlorobiphenyl (138)							7.33
Column 1	1	9.78	9.74 – 9.78	30.2	30.2	ug/kg	
Column 2	1	13.2	13.1 – 13.2	32.5	32.5	ug/kg	
Heptachlorobiphenyl (183)							31.4
Column 1	1	10.2	10.2 – 10.2	4.65	4.65	ug/kg	
Column 2	1	13.7	13.6 – 13.7	3.39	3.39	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MS

Lab Sample ID: 1201141681

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:29	Analyzed:	26-JUL-06 16:29

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							128
Column 1	1	10.2	10.2 – 10.2	10.7	10.7	ug/kg	
Column 2	1	13.5	13.5 – 13.5	2.34	2.34	ug/kg	
Hexachlorobiphenyl (128)							4.11
Column 1	1	10.5	10.5 – 10.5	7.56	7.56	ug/kg	
Column 2	1	14.3	14.3 – 14.3	7.87	7.87	ug/kg	
Hexachlorobiphenyl (167)							10.8
Column 1	1	10.7	10.6 – 10.7	3.3	3.3	ug/kg	
Column 2	1	14	14 – 14	3.68	3.68	ug/kg	
Hexachlorobiphenyl (156)							1.87
Column 1	1	11.2	11.2 – 11.2	4.74	4.74	ug/kg	
Column 2	1	14.9	14.9 – 14.9	4.83	4.83	ug/kg	
Hexachlorobiphenyl (157)							.955
Column 1	1	11.4	11.3 – 11.4	2.75	2.75	ug/kg	
Column 2	1	15.2	15.2 – 15.2	2.77	2.77	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MS

Lab Sample ID: 1201141681

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:29	Analyzed:	26-JUL-06 16:29

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							4.77
Column 1	1	11.6	11.6 – 11.6	5.61	5.61	ug/kg	
Column 2	1	15.4	15.3 – 15.4	5.89	5.89	ug/kg	
Hexachlorobiphenyl (169)							10.7
Column 1	1	12.5	12.5 – 12.5	1.57	1.57	ug/kg	
Column 2	1	16.2	16.2 – 16.3	1.75	1.75	ug/kg	
Heptachlorobiphenyl (170)							3.15
Column 1	1	12.4	12.4 – 12.4	4.59	4.59	ug/kg	
Column 2	1	16.6	16.6 – 16.6	4.74	4.74	ug/kg	
Heptachlorobiphenyl (187)							45.8
Column 1	1	10.1	10.1 – 10.1	4.21	4.21	ug/kg	
Column 2	1	13.5	13.5 – 13.5	6.71	6.71	ug/kg	
Octachlorobiphenyl (195)							5.81
Column 1	1	13.6	13.5 – 13.6	1.75	1.75	ug/kg	
Column 2	1	18.1	18.1 – 18.1	1.85	1.85	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MS

Lab Sample ID: 1201141681

Data File:	015f1501.d	Data File:	015b1501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:29	Analyzed:	26-JUL-06 16:29

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							7.43
Column 1	1	15.4	15.4 – 15.4	1.73	1.73	ug/kg	
Column 2	1	20	20 – 20	1.87	1.87	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MSD

Lab Sample ID: 1201141682

Data File:	016f1601.d	Data File:	016b1601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:55	Analyzed:	26-JUL-06 16:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							12.7
Column 1	1	13.5	13.4 – 13.5	2.13	2.13	ug/kg	
Column 2	1	17.6	17.5 – 17.6	1.87	1.87	ug/kg	
Decachlorobiphenyl							6.85
Column 1	1	16.1	16 – 16.1	1.44	1.44	ug/kg	
Column 2	1	20.7	20.7 – 20.7	1.35	1.35	ug/kg	
2,4'-Dichlorobiphenyl (8)							143
Column 1	1	3.93	3.91 – 3.95	12.1	12.1	ug/kg	
Column 2	1	5.37	5.35 – 5.39	1.98	1.98	ug/kg	
2,2',5-Trichlorobiphenyl (18)							16.9
Column 1	1	4.51	4.49 – 4.53	2.37	2.37	ug/kg	
Column 2	1	6.12	6.09 – 6.13	2.8	2.8	ug/kg	
2,4,4'-Trichlorobiphenyl (28)							34.6
Column 1	1	5.29	5.27 – 5.31	2.79	2.79	ug/kg	
Column 2	1	6.96	6.93 – 6.97	3.95	3.95	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MSD

Lab Sample ID: 1201141682

Data File:	016f1601.d	Data File:	016b1601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:55	Analyzed:	26-JUL-06 16:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							4.24
Column 1	1	5.84	5.81 – 5.85	14.6	14.6	ug/kg	
Column 2	1	7.61	7.58 – 7.62	14	14	ug/kg	
Tetrachlorobiphenyl (49)							27.4
Column 1	1	5.87	5.84 – 5.88	2.95	2.95	ug/kg	
Column 2	1	7.69	7.66 – 7.7	3.88	3.88	ug/kg	
Tetrachlorobiphenyl (44)							.83
Column 1	1	6.2	6.17 – 6.21	6.55	6.55	ug/kg	
Column 2	1	8.16	8.13 – 8.17	6.6	6.6	ug/kg	
Tetrachlorobiphenyl (66)							162
Column 1	1	6.95	6.92 – 6.96	3.07	3.07	ug/kg	
Column 2	1	9.14	9.12 – 9.16	29.6	29.6	ug/kg	
Pentachlorobiphenyl (101)							19
Column 1	1	7.31	7.27 – 7.31	28.3	28.3	ug/kg	
Column 2	1	9.64	9.61 – 9.65	34.3	34.3	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MSD

Lab Sample ID: 1201141682

Data File:	016f1601.d	Data File:	016b1601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:55	Analyzed:	26-JUL-06 16:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							24.1
Column 1	1	7.82	7.79 – 7.83	15.9	15.9	ug/kg	
Column 2	1	10.5	10.5 – 10.5	20.3	20.3	ug/kg	
Tetrachlorobiphenyl (77)							84.7
Column 1	1	8.26	8.22 – 8.26	6.16	6.16	ug/kg	
Column 2	1	10.9	10.9 – 10.9	2.49	2.49	ug/kg	
Pentachlorobiphenyl (123)							138
Column 1	1	8.6	8.56 – 8.6	4.02	4.02	ug/kg	
Column 2	1	11.4	11.4 – 11.5	21.9	21.9	ug/kg	
Pentachlorobiphenyl (118)							.448
Column 1	1	8.68	8.64 – 8.68	18.3	18.3	ug/kg	
Column 2	1	11.5	11.5 – 11.5	18.2	18.2	ug/kg	
Pentachlorobiphenyl (114)							51.1
Column 1	1	8.79	8.76 – 8.8	3.05	3.05	ug/kg	
Column 2	1	11.9	11.9 – 11.9	5.14	5.14	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MSD

Lab Sample ID: 1201141682

Data File:	016f1601.d	Data File:	016b1601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:55	Analyzed:	26-JUL-06 16:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							12.5
Column 1	1	8.84	8.8 – 8.84	2.52	2.52	ug/kg	
Column 2	1	12	11.9 – 12	2.23	2.23	ug/kg	
Hexachlorobiphenyl (153)							31.5
Column 1	1	9.12	9.08 – 9.12	30.6	30.6	ug/kg	
Column 2	1	12.1	12.1 – 12.1	22.3	22.3	ug/kg	
Pentachlorobiphenyl (105)							67.6
Column 1	1	9.29	9.26 – 9.3	6.78	6.78	ug/kg	
Column 2	1	12.6	12.5 – 12.6	13.7	13.7	ug/kg	
Hexachlorobiphenyl (138)							1.77
Column 1	1	9.78	9.74 – 9.78	31.7	31.7	ug/kg	
Column 2	1	13.2	13.1 – 13.2	31.2	31.2	ug/kg	
Heptachlorobiphenyl (183)							22.6
Column 1	1	10.2	10.2 – 10.2	4.1	4.1	ug/kg	
Column 2	1	13.7	13.6 – 13.7	3.27	3.27	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MSD

Lab Sample ID: 1201141682

Data File:	016f1601.d	Data File:	016b1601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:55	Analyzed:	26-JUL-06 16:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							117
Column 1	1	10.2	10.2 – 10.2	9.46	9.46	ug/kg	
Column 2	1	13.5	13.5 – 13.5	2.49	2.49	ug/kg	
Hexachlorobiphenyl (128)							11.6
Column 1	1	10.5	10.5 – 10.5	7.04	7.04	ug/kg	
Column 2	1	14.3	14.3 – 14.3	7.9	7.9	ug/kg	
Hexachlorobiphenyl (167)							38.7
Column 1	1	10.7	10.6 – 10.7	2.94	2.94	ug/kg	
Column 2	1	14	14 – 14	4.36	4.36	ug/kg	
Hexachlorobiphenyl (156)							10.2
Column 1	1	11.2	11.2 – 11.2	4.31	4.31	ug/kg	
Column 2	1	14.9	14.9 – 14.9	4.77	4.77	ug/kg	
Hexachlorobiphenyl (157)							10.7
Column 1	1	11.4	11.3 – 11.4	2.64	2.64	ug/kg	
Column 2	1	15.2	15.2 – 15.2	2.93	2.93	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: 20607202618(167604018)MSD

Lab Sample ID: 1201141682

Data File:	016f1601.d	Data File:	016b1601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26–JUL–06 16:55	Analyzed:	26–JUL–06 16:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							5.46
Column 1	1	11.6	11.6 – 11.6	4.96	4.96	ug/kg	
Column 2	1	15.4	15.3 – 15.4	5.24	5.24	ug/kg	
Hexachlorobiphenyl (169)							10.5
Column 1	1	12.5	12.5 – 12.5	1.54	1.54	ug/kg	
Column 2	1	16.3	16.2 – 16.3	1.71	1.71	ug/kg	
Heptachlorobiphenyl (170)							.848
Column 1	1	12.4	12.4 – 12.4	4.3	4.3	ug/kg	
Column 2	1	16.6	16.6 – 16.6	4.26	4.26	ug/kg	
Heptachlorobiphenyl (187)							56.6
Column 1	1	10.1	10.1 – 10.1	3.63	3.63	ug/kg	
Column 2	1	13.5	13.5 – 13.5	6.49	6.49	ug/kg	
Octachlorobiphenyl (195)							19.5
Column 1	1	13.6	13.5 – 13.6	1.93	1.93	ug/kg	
Column 2	1	18.1	18.1 – 18.1	1.59	1.59	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: 20607202618(167604018)MSD

Lab Sample ID: 1201141682

Data File:	016f1601.d	Data File:	016b1601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 16:55	Analyzed:	26-JUL-06 16:55

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							2.71
Column 1	1	15.5	15.4 – 15.4	1.49	1.49	ug/kg	
Column 2	1	20	20 – 20	1.54	1.54	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							4.1
Column 1	1	13.5	13.4 – 13.5	3.42	3.42	ug/kg	
Column 2	1	17.5	17.5 – 17.6	3.29	3.29	ug/kg	
Decachlorobiphenyl							1.27
Column 1	1	16.1	16 – 16.1	2.85	2.85	ug/kg	
Column 2	1	20.7	20.7 – 20.7	2.82	2.82	ug/kg	
2,4'-Dichlorobiphenyl (8)							21.4
Column 1	1	3.93	3.91 – 3.95	3.69	3.69	ug/kg	
Column 2	1	5.37	5.35 – 5.39	2.98	2.98	ug/kg	
2,2',5-Trichlorobiphenyl (18)							11.2
Column 1	1	4.51	4.49 – 4.53	2.97	2.97	ug/kg	
Column 2	1	6.11	6.09 – 6.13	2.65	2.65	ug/kg	
2,4,4'-Trichlorobiphenyl (28)							.762
Column 1	1	5.28	5.27 – 5.31	3.16	3.16	ug/kg	
Column 2	1	6.95	6.93 – 6.97	3.19	3.19	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							2.98
Column 1	1	5.83	5.81 – 5.85	3.52	3.52	ug/kg	
Column 2	1	7.6	7.58 – 7.62	3.41	3.41	ug/kg	
Tetrachlorobiphenyl (49)							1.75
Column 1	1	5.86	5.84 – 5.88	2.72	2.72	ug/kg	
Column 2	1	7.68	7.66 – 7.7	2.67	2.67	ug/kg	
Tetrachlorobiphenyl (44)							1.61
Column 1	1	6.19	6.17 – 6.21	3.32	3.32	ug/kg	
Column 2	1	8.15	8.13 – 8.17	3.27	3.27	ug/kg	
Tetrachlorobiphenyl (66)							4.57
Column 1	1	6.95	6.93 – 6.97	2.87	2.87	ug/kg	
Column 2	1	9.14	9.13 – 9.17	2.75	2.75	ug/kg	
Pentachlorobiphenyl (101)							.546
Column 1	1	7.29	7.27 – 7.31	3.46	3.46	ug/kg	
Column 2	1	9.63	9.61 – 9.65	3.48	3.48	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							68.4
Column 1	1	7.81	7.79 – 7.83	2.74	2.74	ug/kg	
Column 2	1	10.5	10.5 – 10.5	5.59	5.59	ug/kg	
Tetrachlorobiphenyl (77)							5.28
Column 1	1	8.24	8.22 – 8.26	3.28	3.28	ug/kg	
Column 2	1	10.9	10.9 – 10.9	3.11	3.11	ug/kg	
Pentachlorobiphenyl (123)							2
Column 1	1	8.58	8.56 – 8.6	3.11	3.11	ug/kg	
Column 2	1	11.4	11.4 – 11.5	3.05	3.05	ug/kg	
Pentachlorobiphenyl (118)							5.26
Column 1	1	8.66	8.64 – 8.68	2.86	2.86	ug/kg	
Column 2	1	11.5	11.5 – 11.5	2.72	2.72	ug/kg	
Pentachlorobiphenyl (114)							3.96
Column 1	1	8.78	8.76 – 8.8	2.86	2.86	ug/kg	
Column 2	1	11.9	11.9 – 11.9	2.75	2.75	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							8.05
Column 1	1	8.82	8.8 – 8.84	3.09	3.09	ug/kg	
Column 2	1	12	11.9 – 12	2.85	2.85	ug/kg	
Hexachlorobiphenyl (153)							3.09
Column 1	1	9.1	9.08 – 9.12	3.06	3.06	ug/kg	
Column 2	1	12.1	12 – 12.1	2.97	2.97	ug/kg	
Pentachlorobiphenyl (105)							2.24
Column 1	1	9.28	9.26 – 9.3	2.84	2.84	ug/kg	
Column 2	1	12.5	12.5 – 12.6	2.78	2.78	ug/kg	
Hexachlorobiphenyl (138)							1.76
Column 1	1	9.76	9.74 – 9.78	3.17	3.17	ug/kg	
Column 2	1	13.2	13.1 – 13.2	3.11	3.11	ug/kg	
Heptachlorobiphenyl (183)							3.17
Column 1	1	10.2	10.2 – 10.2	2.75	2.75	ug/kg	
Column 2	1	13.6	13.6 – 13.7	2.84	2.84	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 18:37	Analyzed:	25-JUL-06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							6.43
Column 1	1	10.2	10.2 – 10.2	3.2	3.2	ug/kg	
Column 2	1	13.5	13.5 – 13.6	3	3	ug/kg	
Hexachlorobiphenyl (128)							2.6
Column 1	1	10.5	10.5 – 10.5	2.87	2.87	ug/kg	
Column 2	1	14.3	14.3 – 14.3	2.8	2.8	ug/kg	
Hexachlorobiphenyl (167)							.248
Column 1	1	10.6	10.6 – 10.7	3.04	3.04	ug/kg	
Column 2	1	14	14 – 14	3.05	3.05	ug/kg	
Hexachlorobiphenyl (156)							1.98
Column 1	1	11.2	11.2 – 11.2	3.2	3.2	ug/kg	
Column 2	1	14.9	14.9 – 14.9	3.14	3.14	ug/kg	
Hexachlorobiphenyl (157)							.252
Column 1	1	11.4	11.3 – 11.4	3.29	3.29	ug/kg	
Column 2	1	15.2	15.2 – 15.2	3.3	3.3	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File: 010f1001GCAL1.d Data File: 010b1001GCAL1.d

Inst: ECD8A.I_1 Inst: ECD8A.I_2

Column: 1 Column: 2

Analyzed: 25–JUL–06 18:37 Analyzed: 25–JUL–06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							.0455
Column 1	1	11.6	11.6 – 11.6	2.7	2.7	ug/kg	
Column 2	1	15.3	15.3 – 15.4	2.7	2.7	ug/kg	
Hexachlorobiphenyl (169)							2.02
Column 1	1	12.5	12.5 – 12.5	2.83	2.83	ug/kg	
Column 2	1	16.2	16.2 – 16.3	2.77	2.77	ug/kg	
Heptachlorobiphenyl (170)							3.49
Column 1	1	12.4	12.4 – 12.4	2.94	2.94	ug/kg	
Column 2	1	16.6	16.6 – 16.6	2.84	2.84	ug/kg	
Heptachlorobiphenyl (187)							2.13
Column 1	1	10.1	10.1 – 10.1	3.03	3.03	ug/kg	
Column 2	1	13.5	13.5 – 13.5	2.96	2.96	ug/kg	
Octachlorobiphenyl (195)							.417
Column 1	1	13.5	13.5 – 13.6	2.83	2.83	ug/kg	
Column 2	1	18.1	18.1 – 18.1	2.82	2.82	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: LCS for batch 550548

Lab Sample ID: 1201141177

Data File:	010f1001GCAL1.d	Data File:	010b1001GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 18:37	Analyzed:	25–JUL–06 18:37

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							1.34
Column 1	1	15.4	15.4 – 15.4	3.16	3.16	ug/kg	
Column 2	1	20	20 – 20	3.12	3.12	ug/kg	

Identification Summary

SDG Number: 167603–1

Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 19:03	Analyzed:	25–JUL–06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							3.49
Column 1	1	13.5	13.4 – 13.5	3.74	3.74	ug/kg	
Column 2	1	17.5	17.5 – 17.6	3.61	3.61	ug/kg	
Decachlorobiphenyl							.592
Column 1	1	16.1	16 – 16.1	3.09	3.09	ug/kg	
Column 2	1	20.7	20.7 – 20.7	3.07	3.07	ug/kg	
2,4'–Dichlorobiphenyl (8)							22.3
Column 1	1	3.93	3.91 – 3.95	3.76	3.76	ug/kg	
Column 2	1	5.37	5.35 – 5.39	3.01	3.01	ug/kg	
2,2',5–Trichlorobiphenyl (18)							11.5
Column 1	1	4.51	4.49 – 4.53	3.04	3.04	ug/kg	
Column 2	1	6.11	6.09 – 6.13	2.71	2.71	ug/kg	
2,4,4'–Trichlorobiphenyl (28)							.981
Column 1	1	5.28	5.27 – 5.31	3.24	3.24	ug/kg	
Column 2	1	6.95	6.93 – 6.97	3.27	3.27	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							3.86
Column 1	1	5.83	5.81 – 5.85	3.67	3.67	ug/kg	
Column 2	1	7.6	7.58 – 7.62	3.53	3.53	ug/kg	
Tetrachlorobiphenyl (49)							.923
Column 1	1	5.86	5.84 – 5.88	2.78	2.78	ug/kg	
Column 2	1	7.68	7.66 – 7.7	2.75	2.75	ug/kg	
Tetrachlorobiphenyl (44)							1.7
Column 1	1	6.19	6.17 – 6.21	3.45	3.45	ug/kg	
Column 2	1	8.15	8.13 – 8.17	3.39	3.39	ug/kg	
Tetrachlorobiphenyl (66)							4.24
Column 1	1	6.94	6.93 – 6.97	2.99	2.99	ug/kg	
Column 2	1	9.14	9.13 – 9.17	2.87	2.87	ug/kg	
Pentachlorobiphenyl (101)							1.53
Column 1	1	7.29	7.27 – 7.31	3.58	3.58	ug/kg	
Column 2	1	9.63	9.61 – 9.65	3.63	3.63	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 19:03	Analyzed:	25–JUL–06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							69.8
Column 1	1	7.81	7.79 – 7.83	2.86	2.86	ug/kg	
Column 2	1	10.5	10.5 – 10.5	5.93	5.93	ug/kg	
Tetrachlorobiphenyl (77)							2.47
Column 1	1	8.24	8.22 – 8.26	3.42	3.42	ug/kg	
Column 2	1	10.9	10.9 – 10.9	3.33	3.33	ug/kg	
Pentachlorobiphenyl (123)							.117
Column 1	1	8.58	8.56 – 8.6	3.27	3.27	ug/kg	
Column 2	1	11.4	11.4 – 11.5	3.28	3.28	ug/kg	
Pentachlorobiphenyl (118)							3.43
Column 1	1	8.66	8.64 – 8.68	3.01	3.01	ug/kg	
Column 2	1	11.5	11.5 – 11.5	2.91	2.91	ug/kg	
Pentachlorobiphenyl (114)							2.66
Column 1	1	8.77	8.76 – 8.8	3.02	3.02	ug/kg	
Column 2	1	11.9	11.9 – 11.9	2.94	2.94	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 19:03	Analyzed:	25–JUL–06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							7.34
Column 1	1	8.82	8.8 – 8.84	3.29	3.29	ug/kg	
Column 2	1	12	11.9 – 12	3.06	3.06	ug/kg	
Hexachlorobiphenyl (153)							1.07
Column 1	1	9.1	9.08 – 9.12	3.23	3.23	ug/kg	
Column 2	1	12.1	12 – 12.1	3.19	3.19	ug/kg	
Pentachlorobiphenyl (105)							1.11
Column 1	1	9.27	9.26 – 9.3	3.07	3.07	ug/kg	
Column 2	1	12.5	12.5 – 12.6	3.04	3.04	ug/kg	
Hexachlorobiphenyl (138)							.669
Column 1	1	9.76	9.74 – 9.78	3.42	3.42	ug/kg	
Column 2	1	13.1	13.1 – 13.2	3.4	3.4	ug/kg	
Heptachlorobiphenyl (183)							4.62
Column 1	1	10.2	10.2 – 10.2	2.98	2.98	ug/kg	
Column 2	1	13.6	13.6 – 13.7	3.12	3.12	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							3.49
Column 1	1	10.2	10.2 – 10.2	3.41	3.41	ug/kg	
Column 2	1	13.5	13.5 – 13.6	3.3	3.3	ug/kg	
Hexachlorobiphenyl (128)							2.07
Column 1	1	10.5	10.5 – 10.5	3.15	3.15	ug/kg	
Column 2	1	14.3	14.3 – 14.3	3.09	3.09	ug/kg	
Hexachlorobiphenyl (167)							.124
Column 1	1	10.6	10.6 – 10.7	3.35	3.35	ug/kg	
Column 2	1	14	14 – 14	3.36	3.36	ug/kg	
Hexachlorobiphenyl (156)							1.43
Column 1	1	11.2	11.2 – 11.2	3.53	3.53	ug/kg	
Column 2	1	14.9	14.9 – 14.9	3.48	3.48	ug/kg	
Hexachlorobiphenyl (157)							.476
Column 1	1	11.4	11.3 – 11.4	3.64	3.64	ug/kg	
Column 2	1	15.2	15.2 – 15.2	3.65	3.65	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25-JUL-06 19:03	Analyzed:	25-JUL-06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							.685
Column 1	1	11.6	11.6 – 11.6	3	3	ug/kg	
Column 2	1	15.3	15.3 – 15.4	2.98	2.98	ug/kg	
Hexachlorobiphenyl (169)							.792
Column 1	1	12.5	12.5 – 12.5	3.07	3.07	ug/kg	
Column 2	1	16.2	16.2 – 16.3	3.04	3.04	ug/kg	
Heptachlorobiphenyl (170)							2.69
Column 1	1	12.4	12.4 – 12.4	3.21	3.21	ug/kg	
Column 2	1	16.6	16.6 – 16.6	3.13	3.13	ug/kg	
Heptachlorobiphenyl (187)							.677
Column 1	1	10.1	10.1 – 10.1	3.28	3.28	ug/kg	
Column 2	1	13.5	13.5 – 13.5	3.26	3.26	ug/kg	
Octachlorobiphenyl (195)							.153
Column 1	1	13.5	13.5 – 13.6	3.1	3.1	ug/kg	
Column 2	1	18.1	18.1 – 18.1	3.11	3.11	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: LCSD for batch 550549

Lab Sample ID: 1201142185

Data File:	011f1101GCAL1.d	Data File:	011b1101GCAL1.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	25–JUL–06 19:03	Analyzed:	25–JUL–06 19:03

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							1.04
Column 1	1	15.4	15.4 – 15.4	3.42	3.42	ug/kg	
Column 2	1	20	20 – 20	3.39	3.39	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: LCS for batch 550770

Lab Sample ID: 1201141680

Data File:	005f0501.d	Data File:	005b0501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26–JUL–06 12:08	Analyzed:	26–JUL–06 12:08

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							6.1
Column 1	1	13.5	13.4 – 13.5	3.81	3.81	ug/kg	
Column 2	1	17.5	17.5 – 17.6	3.59	3.59	ug/kg	
Decachlorobiphenyl							2.89
Column 1	1	16.1	16 – 16.1	3.01	3.01	ug/kg	
Column 2	1	20.7	20.7 – 20.7	2.92	2.92	ug/kg	
2,4'–Dichlorobiphenyl (8)							26
Column 1	1	3.93	3.91 – 3.95	4.32	4.32	ug/kg	
Column 2	1	5.37	5.35 – 5.39	3.33	3.33	ug/kg	
2,2',5–Trichlorobiphenyl (18)							8.19
Column 1	1	4.51	4.49 – 4.53	3.33	3.33	ug/kg	
Column 2	1	6.11	6.09 – 6.13	3.07	3.07	ug/kg	
2,4,4'–Trichlorobiphenyl (28)							.278
Column 1	1	5.29	5.27 – 5.31	3.74	3.74	ug/kg	
Column 2	1	6.95	6.93 – 6.97	3.73	3.73	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550770

Lab Sample ID: 1201141680

Data File:	005f0501.d	Data File:	005b0501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:08	Analyzed:	26-JUL-06 12:08

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							4.14
Column 1	1	5.83	5.81 – 5.85	4.15	4.15	ug/kg	
Column 2	1	7.6	7.58 – 7.62	3.99	3.99	ug/kg	
Tetrachlorobiphenyl (49)							3.74
Column 1	1	5.87	5.84 – 5.88	3.19	3.19	ug/kg	
Column 2	1	7.68	7.66 – 7.7	3.07	3.07	ug/kg	
Tetrachlorobiphenyl (44)							2.58
Column 1	1	6.19	6.17 – 6.21	3.87	3.87	ug/kg	
Column 2	1	8.15	8.13 – 8.17	3.77	3.77	ug/kg	
Tetrachlorobiphenyl (66)							5.8
Column 1	1	6.95	6.92 – 6.96	3.38	3.38	ug/kg	
Column 2	1	9.14	9.12 – 9.16	3.19	3.19	ug/kg	
Pentachlorobiphenyl (101)							2.34
Column 1	1	7.29	7.27 – 7.31	4.11	4.11	ug/kg	
Column 2	1	9.63	9.61 – 9.65	4.01	4.01	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550770

Lab Sample ID: 1201141680

Data File:	005f0501.d	Data File:	005b0501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:08	Analyzed:	26-JUL-06 12:08

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							68.7
Column 1	1	7.81	7.79 – 7.83	3.14	3.14	ug/kg	
Column 2	1	10.5	10.5 – 10.5	6.42	6.42	ug/kg	
Tetrachlorobiphenyl (77)							10
Column 1	1	8.24	8.22 – 8.26	3.92	3.92	ug/kg	
Column 2	1	10.9	10.9 – 10.9	3.55	3.55	ug/kg	
Pentachlorobiphenyl (123)							.259
Column 1	1	8.58	8.56 – 8.6	3.52	3.52	ug/kg	
Column 2	1	11.4	11.4 – 11.5	3.53	3.53	ug/kg	
Pentachlorobiphenyl (118)							5.78
Column 1	1	8.66	8.64 – 8.68	3.31	3.31	ug/kg	
Column 2	1	11.5	11.5 – 11.5	3.13	3.13	ug/kg	
Pentachlorobiphenyl (114)							5.67
Column 1	1	8.78	8.76 – 8.8	3.35	3.35	ug/kg	
Column 2	1	11.9	11.9 – 11.9	3.16	3.16	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550770

Lab Sample ID: 1201141680

Data File:	005f0501.d	Data File:	005b0501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:08	Analyzed:	26-JUL-06 12:08

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							10.7
Column 1	1	8.83	8.8 – 8.84	3.64	3.64	ug/kg	
Column 2	1	12	11.9 – 12	3.27	3.27	ug/kg	
Hexachlorobiphenyl (153)							4.7
Column 1	1	9.1	9.08 – 9.12	3.56	3.56	ug/kg	
Column 2	1	12.1	12.1 – 12.1	3.4	3.4	ug/kg	
Pentachlorobiphenyl (105)							3.77
Column 1	1	9.28	9.26 – 9.3	3.29	3.29	ug/kg	
Column 2	1	12.5	12.5 – 12.6	3.17	3.17	ug/kg	
Hexachlorobiphenyl (138)							4.09
Column 1	1	9.76	9.74 – 9.78	3.67	3.67	ug/kg	
Column 2	1	13.2	13.1 – 13.2	3.52	3.52	ug/kg	
Heptachlorobiphenyl (183)							3.86
Column 1	1	10.2	10.2 – 10.2	3.09	3.09	ug/kg	
Column 2	1	13.6	13.6 – 13.7	3.22	3.22	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: LCS for batch 550770

Lab Sample ID: 1201141680

Data File:	005f0501.d	Data File:	005b0501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26–JUL–06 12:08	Analyzed:	26–JUL–06 12:08

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							3.03
Column 1	1	10.2	10.2 – 10.2	3.5	3.5	ug/kg	
Column 2	1	13.5	13.5 – 13.5	3.4	3.4	ug/kg	
Hexachlorobiphenyl (128)							4.78
Column 1	1	10.5	10.5 – 10.5	3.27	3.27	ug/kg	
Column 2	1	14.3	14.3 – 14.3	3.12	3.12	ug/kg	
Hexachlorobiphenyl (167)							2.69
Column 1	1	10.6	10.6 – 10.7	3.54	3.54	ug/kg	
Column 2	1	14	14 – 14	3.44	3.44	ug/kg	
Hexachlorobiphenyl (156)							4.06
Column 1	1	11.2	11.2 – 11.2	3.68	3.68	ug/kg	
Column 2	1	14.9	14.9 – 14.9	3.53	3.53	ug/kg	
Hexachlorobiphenyl (157)							2.36
Column 1	1	11.4	11.3 – 11.4	3.77	3.77	ug/kg	
Column 2	1	15.2	15.2 – 15.2	3.68	3.68	ug/kg	

Identification Summary

SDG Number: 167603–1 Client ID: LCS for batch 550770

Lab Sample ID: 1201141680

Data File:	005f0501.d	Data File:	005b0501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26–JUL–06 12:08	Analyzed:	26–JUL–06 12:08

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							3.75
Column 1	1	11.6	11.6 – 11.6	3.13	3.13	ug/kg	
Column 2	1	15.3	15.3 – 15.4	3.01	3.01	ug/kg	
Hexachlorobiphenyl (169)							2.51
Column 1	1	12.5	12.5 – 12.5	3.13	3.13	ug/kg	
Column 2	1	16.2	16.2 – 16.3	3.05	3.05	ug/kg	
Heptachlorobiphenyl (170)							4.36
Column 1	1	12.4	12.4 – 12.4	3.27	3.27	ug/kg	
Column 2	1	16.6	16.6 – 16.6	3.13	3.13	ug/kg	
Heptachlorobiphenyl (187)							3.58
Column 1	1	10.1	10.1 – 10.1	3.49	3.49	ug/kg	
Column 2	1	13.5	13.5 – 13.5	3.37	3.37	ug/kg	
Octachlorobiphenyl (195)							1.38
Column 1	1	13.5	13.5 – 13.6	3.09	3.09	ug/kg	
Column 2	1	18.1	18.1 – 18.1	3.05	3.05	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCS for batch 550770

Lab Sample ID: 1201141680

Data File:	005f0501.d	Data File:	005b0501.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:08	Analyzed:	26-JUL-06 12:08

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							2.48
Column 1	1	15.4	15.4 – 15.4	3.37	3.37	ug/kg	
Column 2	1	20	20 – 20	3.29	3.29	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550770

Lab Sample ID: 1201142450

Data File:	006f0601.d	Data File:	006b0601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:34	Analyzed:	26-JUL-06 12:34

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (189)							6.02
Column 1	1	13.5	13.4 – 13.5	3.73	3.73	ug/kg	
Column 2	1	17.5	17.5 – 17.6	3.52	3.52	ug/kg	
Decachlorobiphenyl							4.41
Column 1	1	16.1	16 – 16.1	2.88	2.88	ug/kg	
Column 2	1	20.7	20.7 – 20.7	2.75	2.75	ug/kg	
2,4'-Dichlorobiphenyl (8)							33
Column 1	1	3.93	3.91 – 3.95	4.13	4.13	ug/kg	
Column 2	1	5.37	5.35 – 5.39	2.96	2.96	ug/kg	
2,2',5-Trichlorobiphenyl (18)							9.6
Column 1	1	4.51	4.49 – 4.53	3.28	3.28	ug/kg	
Column 2	1	6.11	6.09 – 6.13	2.98	2.98	ug/kg	
2,4,4'-Trichlorobiphenyl (28)							.877
Column 1	1	5.29	5.27 – 5.31	3.53	3.53	ug/kg	
Column 2	1	6.95	6.93 – 6.97	3.57	3.57	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550770

Lab Sample ID: 1201142450

Data File:	006f0601.d	Data File:	006b0601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:34	Analyzed:	26-JUL-06 12:34

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Tetrachlorobiphenyl (52)							3.95
Column 1	1	5.83	5.81 – 5.85	3.92	3.92	ug/kg	
Column 2	1	7.6	7.58 – 7.62	3.77	3.77	ug/kg	
Tetrachlorobiphenyl (49)							11.3
Column 1	1	5.86	5.84 – 5.88	3.01	3.01	ug/kg	
Column 2	1	7.68	7.66 – 7.7	2.68	2.68	ug/kg	
Tetrachlorobiphenyl (44)							6.44
Column 1	1	6.19	6.17 – 6.21	3.48	3.48	ug/kg	
Column 2	1	8.15	8.13 – 8.17	3.26	3.26	ug/kg	
Tetrachlorobiphenyl (66)							4
Column 1	1	6.94	6.92 – 6.96	3.15	3.15	ug/kg	
Column 2	1	9.14	9.12 – 9.16	3.02	3.02	ug/kg	
Pentachlorobiphenyl (101)							1.05
Column 1	1	7.29	7.27 – 7.31	3.84	3.84	ug/kg	
Column 2	1	9.63	9.61 – 9.65	3.8	3.8	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550770

Lab Sample ID: 1201142450

Data File:	006f0601.d	Data File:	006b0601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:34	Analyzed:	26-JUL-06 12:34

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (87)							81
Column 1	1	7.81	7.79 – 7.83	2.58	2.58	ug/kg	
Column 2	1	10.5	10.5 – 10.5	6.1	6.1	ug/kg	
Tetrachlorobiphenyl (77)							5.26
Column 1	1	8.24	8.22 – 8.26	3.56	3.56	ug/kg	
Column 2	1	10.9	10.9 – 10.9	3.37	3.37	ug/kg	
Pentachlorobiphenyl (123)							1.42
Column 1	1	8.58	8.56 – 8.6	3.32	3.32	ug/kg	
Column 2	1	11.4	11.4 – 11.5	3.36	3.36	ug/kg	
Pentachlorobiphenyl (118)							4.43
Column 1	1	8.66	8.64 – 8.68	3.09	3.09	ug/kg	
Column 2	1	11.5	11.5 – 11.5	2.95	2.95	ug/kg	
Pentachlorobiphenyl (114)							8.88
Column 1	1	8.78	8.76 – 8.8	3.14	3.14	ug/kg	
Column 2	1	11.9	11.9 – 11.9	2.88	2.88	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550770

Lab Sample ID: 1201142450

Data File:	006f0601.d	Data File:	006b0601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:34	Analyzed:	26-JUL-06 12:34

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (184)							8.05
Column 1	1	8.82	8.8 – 8.84	3.35	3.35	ug/kg	
Column 2	1	12	11.9 – 12	3.09	3.09	ug/kg	
Hexachlorobiphenyl (153)							1.18
Column 1	1	9.1	9.08 – 9.12	3.26	3.26	ug/kg	
Column 2	1	12.1	12.1 – 12.1	3.22	3.22	ug/kg	
Pentachlorobiphenyl (105)							.82
Column 1	1	9.27	9.26 – 9.3	3.06	3.06	ug/kg	
Column 2	1	12.5	12.5 – 12.6	3.03	3.03	ug/kg	
Hexachlorobiphenyl (138)							3.24
Column 1	1	9.76	9.74 – 9.78	3.43	3.43	ug/kg	
Column 2	1	13.1	13.1 – 13.2	3.54	3.54	ug/kg	
Heptachlorobiphenyl (183)							3.25
Column 1	1	10.2	10.2 – 10.2	3.01	3.01	ug/kg	
Column 2	1	13.6	13.6 – 13.7	3.11	3.11	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550770

Lab Sample ID: 1201142450

Data File:	006f0601.d	Data File:	006b0601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:34	Analyzed:	26-JUL-06 12:34

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Pentachlorobiphenyl (126)							5.34
Column 1	1	10.2	10.2 – 10.2	3.51	3.51	ug/kg	
Column 2	1	13.5	13.5 – 13.5	3.33	3.33	ug/kg	
Hexachlorobiphenyl (128)							3.9
Column 1	1	10.5	10.5 – 10.5	3.16	3.16	ug/kg	
Column 2	1	14.3	14.3 – 14.3	3.04	3.04	ug/kg	
Hexachlorobiphenyl (167)							2.5
Column 1	1	10.6	10.6 – 10.7	3.33	3.33	ug/kg	
Column 2	1	14	14 – 14	3.25	3.25	ug/kg	
Hexachlorobiphenyl (156)							3.15
Column 1	1	11.2	11.2 – 11.2	3.52	3.52	ug/kg	
Column 2	1	14.9	14.9 – 14.9	3.41	3.41	ug/kg	
Hexachlorobiphenyl (157)							1.01
Column 1	1	11.4	11.3 – 11.4	3.63	3.63	ug/kg	
Column 2	1	15.2	15.2 – 15.2	3.6	3.6	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550770

Lab Sample ID: 1201142450

Data File:	006f0601.d	Data File:	006b0601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:34	Analyzed:	26-JUL-06 12:34

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Heptachlorobiphenyl (180)							2.61
Column 1	1	11.6	11.6 – 11.6	2.99	2.99	ug/kg	
Column 2	1	15.3	15.3 – 15.4	2.92	2.92	ug/kg	
Hexachlorobiphenyl (169)							1.08
Column 1	1	12.5	12.5 – 12.5	3.02	3.02	ug/kg	
Column 2	1	16.2	16.2 – 16.3	2.99	2.99	ug/kg	
Heptachlorobiphenyl (170)							4.69
Column 1	1	12.4	12.4 – 12.4	3.2	3.2	ug/kg	
Column 2	1	16.6	16.6 – 16.6	3.06	3.06	ug/kg	
Heptachlorobiphenyl (187)							2.8
Column 1	1	10.1	10.1 – 10.1	3.33	3.33	ug/kg	
Column 2	1	13.5	13.5 – 13.5	3.24	3.24	ug/kg	
Octachlorobiphenyl (195)							9.08
Column 1	1	13.5	13.5 – 13.6	2.72	2.72	ug/kg	
Column 2	1	18.1	18.1 – 18.1	2.98	2.98	ug/kg	

Identification Summary

SDG Number: 167603-1 Client ID: LCSD for batch 550770

Lab Sample ID: 1201142450

Data File:	006f0601.d	Data File:	006b0601.d
Inst:	ECD8A.I_1	Inst:	ECD8A.I_2
Column:	1	Column:	2
Analyzed:	26-JUL-06 12:34	Analyzed:	26-JUL-06 12:34

Analyte	Peak	RT	RT Window	Conc.	Ave Conc.	Units	RPD
Nonachlorobiphenyl (206)							1.32
Column 1	1	15.4	15.4 – 15.4	3.25	3.25	ug/kg	
Column 2	1	20	20 – 20	3.21	3.21	ug/kg	

QUALITY CONTROL DATA

000300

187783

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201141176				
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	MB for batch 550548	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 18:11	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.333	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl	U	0.333	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.333	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.333	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.333	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.333	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.333	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.333	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.333	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.333	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	U	0.333	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.333	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.333	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.333	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.333	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.333	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.333	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.333	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.333	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.333	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.333	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**			**Matrix:**	**SOIL**
Lab Sample ID:	**1201141176**				
Client Sample:	**QC for batch 550548**	**Client:**	**GCAL001**	**Project:**	**QC**
Client ID:	**MB for batch 550548**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550549**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/25/2006 18:11**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 10:00**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.333	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.333	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.333	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.333	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.333	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.333	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.333	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.333	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphen *Octachlorobiphenyl (195)*	U	0.333	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.333	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**			**Matrix:**	**SOIL**
Lab Sample ID:	**1201141679**				
Client Sample:	**QC for batch 550770**	**Client:**	**GCAL001**	**Project:**	**QC**
Client ID:	**MB for batch 550770**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550771**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/26/2006 11:42**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 08:30**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*	U	0.333	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl	U	0.333	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)	U	0.333	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)	U	0.333	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)	U	0.333	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*	U	0.333	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*	U	0.333	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*	U	0.333	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	U	0.333	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*	U	0.333	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	U	0.333	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	U	0.333	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	U	0.333	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*	U	0.333	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	U	0.333	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*	U	0.333	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*	U	0.333	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	U	0.333	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*	U	0.333	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*	U	0.333	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	U	0.333	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201141679				
Client Sample:	QC for batch 550770	Client:	GCAL001	Project:	QC
Client ID:	MB for batch 550770	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 11:42	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*	U	0.333	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*	U	0.333	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*	U	0.333	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*	U	0.333	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*	U	0.333	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*	U	0.333	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*	U	0.333	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	U	0.333	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*	U	0.333	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*	U	0.333	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201141177				
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	LCS for batch 550548	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 18:37	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		3.42	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl		2.86	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)		3.69	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)		2.97	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		3.16	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		3.52	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		2.72	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		3.32	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*		2.87	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		3.46	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	P	2.74	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*		3.28	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*		3.11	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		2.86	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*		2.86	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		3.09	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		3.06	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*		2.84	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		3.17	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		2.75	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*		3.20	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201141177				
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	LCS for batch 550548	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 18:37	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		2.87	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		3.04	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*		3.20	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		3.29	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		2.70	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		2.83	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		2.94	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		3.03	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*		2.83	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		3.16	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201141680				
Client Sample:	QC for batch 550770	Client:	GCAL001	Project:	QC
Client ID:	LCS for batch 550770	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 12:08	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		3.81	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl		3.01	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)		4.32	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)		3.33	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		3.74	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		4.15	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		3.19	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		3.87	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*		3.38	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		4.11	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	P	3.14	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*		3.92	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*		3.52	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		3.32	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*		3.35	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		3.64	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		3.56	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*		3.29	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		3.67	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		3.09	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*		3.50	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201141680				
Client Sample:	QC for batch 550770	Client:	GCAL001	Project:	QC
Client ID:	LCS for batch 550770	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 12:08	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		3.27	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		3.54	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1. *Hexachlorobiphenyl (156)*		3.68	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		3.77	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		3.13	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		3.13	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		3.27	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		3.49	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*		3.10	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		3.37	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201142185				
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	LCSD for batch 550549	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 19:03	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		3.74	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl		3.09	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)		3.76	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)		3.04	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		3.24	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		3.67	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		2.78	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		3.45	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*		2.99	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		3.58	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	P	2.86	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*		3.42	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*		3.27	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		3.01	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*		3.02	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		3.29	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		3.23	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*		3.07	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		3.42	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		2.98	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*		3.41	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201142185				
Client Sample:	QC for batch 550548	Client:	GCAL001	Project:	QC
Client ID:	LCSD for batch 550549	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550549	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/25/2006 19:03	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 10:00	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		3.15	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		3.35	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*		3.53	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		3.64	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		3.00	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		3.07	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		3.21	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		3.28	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*		3.10	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		3.43	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201142450				
Client Sample:	QC for batch 550770	Client:	GCAL001	Project:	QC
Client ID:	LCSD for batch 550770	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 12:34	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		3.73	ug/kg	0.193	0.333
2051-24-3	Decachlorobiphenyl		2.88	ug/kg	0.333	0.333
34883-43-7	2,4'-Dichlorobiphenyl (8)		4.13	ug/kg	0.233	0.333
37680-65-2	2,2',5-Trichlorobiphenyl (18)		3.28	ug/kg	0.278	0.333
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		3.53	ug/kg	0.207	0.333
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		3.92	ug/kg	0.187	0.333
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		3.01	ug/kg	0.137	0.333
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		3.48	ug/kg	0.119	0.333
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*		3.15	ug/kg	0.147	0.333
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		3.84	ug/kg	0.175	0.333
38380-02-8	Pentachlorobiphenyl (87)	P	2.58	ug/kg	0.221	0.333
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*		3.56	ug/kg	0.299	0.333
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*		3.32	ug/kg	0.131	0.333
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		3.09	ug/kg	0.265	0.333
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*		3.14	ug/kg	0.191	0.333
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		3.35	ug/kg	0.112	0.333
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		3.26	ug/kg	0.117	0.333
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*		3.06	ug/kg	0.161	0.333
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		3.43	ug/kg	0.243	0.333
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		3.01	ug/kg	0.124	0.333
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*		3.51	ug/kg	0.185	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1			Matrix:	SOIL
Lab Sample ID:	1201142450				
Client Sample:	QC for batch 550770	Client:	GCAL001	Project:	QC
Client ID:	LCSD for batch 550770	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 12:34	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		3.16	ug/kg	0.161	0.333
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		3.33	ug/kg	0.116	0.333
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*		3.52	ug/kg	0.124	0.333
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		3.63	ug/kg	0.216	0.333
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		2.99	ug/kg	0.108	0.333
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		3.02	ug/kg	0.219	0.333
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		3.20	ug/kg	0.101	0.333
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*		3.33	ug/kg	0.096	0.333
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobiphenj *Octachlorobiphenyl (195)*		2.72	ug/kg	0.105	0.333
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		3.25	ug/kg	0.106	0.333

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	**Date Collected:**	07/18/2006 13:40	**Matrix:**	SOIL
Lab Sample ID:	1201141681	**Date Received:**	07/21/2006 09:30	**%Moisture:**	6
Client Sample:	QC for batch 550770	**Client:**	GCAL001	**Project:**	QC
Client ID:	20607202618(167604018)MS	**Method:**	SW846 8082	**SOP Ref:**	GL-OA-E-040
Batch ID:	550771	**Inst:**	ECD8A.I	**Dilution:**	1
Run Date:	07/26/2006 16:29	**Analyst:**	KXY1	**Inj. Vol:**	1 uL
Prep Date:	07/24/2006 08:30	**Aliquot:**	30 g	**Final Volume:**	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		2.09	ug/kg	0.206	0.355
2051-24-3	Decachlorobiphenyl		1.52	ug/kg	0.355	0.355
34883-43-7	2,4'-Dichlorobiphenyl (8)	P	11.3	ug/kg	0.248	0.355
37680-65-2	2,2',5-Trichlorobiphenyl (18)		2.51	ug/kg	0.295	0.355
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		3.02	ug/kg	0.220	0.355
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		16.2	ug/kg	0.199	0.355
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		3.76	ug/kg	0.146	0.355
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		7.44	ug/kg	0.126	0.355
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	P	3.66	ug/kg	0.157	0.355
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		30.0	ug/kg	0.186	0.355
38380-02-8	Pentachlorobiphenyl (87)		17.1	ug/kg	0.235	0.355
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	P	6.54	ug/kg	0.318	0.355
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	P	4.45	ug/kg	0.139	0.355
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		20.0	ug/kg	0.282	0.355
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	P	3.28	ug/kg	0.203	0.355
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		2.79	ug/kg	0.119	0.355
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		31.2	ug/kg	0.124	0.355
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	P	7.75	ug/kg	0.171	0.355
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		30.2	ug/kg	0.259	0.355
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		4.66	ug/kg	0.132	0.355
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	P	10.7	ug/kg	0.197	0.355

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 13:40	Matrix:	SOIL
Lab Sample ID:	1201141681	Date Received:	07/21/2006 09:30	%Moisture:	6
Client Sample:	QC for batch 550770	Client:	GCAL001	Project:	QC
Client ID:	20607202618(167604018)MS	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 16:29	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		7.56	ug/kg	0.171	0.355
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		3.30	ug/kg	0.124	0.355
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*		4.74	ug/kg	0.132	0.355
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		2.75	ug/kg	0.229	0.355
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		5.61	ug/kg	0.115	0.355
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		1.57	ug/kg	0.233	0.355
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		4.59	ug/kg	0.108	0.355
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	P	4.21	ug/kg	0.102	0.355
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*		1.75	ug/kg	0.112	0.355
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		1.73	ug/kg	0.113	0.355

PCB
Certificate of Analysis
Sample Summary

SDG Number:	167603-1	Date Collected:	07/18/2006 13:40	Matrix:	SOIL
Lab Sample ID:	1201141682	Date Received:	07/21/2006 09:30	%Moisture:	6
Client Sample:	QC for batch 550770	Client:	GCAL001	Project:	QC
Client ID:	20607202618(167604018)MSD	Method:	SW846 8082	SOP Ref:	GL-OA-E-040
Batch ID:	550771	Inst:	ECD8A.I	Dilution:	1
Run Date:	07/26/2006 16:55	Analyst:	KXY1	Inj. Vol:	1 uL
Prep Date:	07/24/2006 08:30	Aliquot:	30 g	Final Volume:	1 mL

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (189)*		2.13	ug/kg	0.206	0.355
2051-24-3	Decachlorobiphenyl		1.44	ug/kg	0.355	0.355
34883-43-7	2,4'-Dichlorobiphenyl (8)	P	12.1	ug/kg	0.248	0.355
37680-65-2	2,2',5-Trichlorobiphenyl (18)		2.37	ug/kg	0.295	0.355
7012-37-5	2,4,4'-Trichlorobiphenyl (28)		2.79	ug/kg	0.220	0.355
35693-99-3	2,2',5,5'-Tetrachlorobiphenyl *Tetrachlorobiphenyl (52)*		14.6	ug/kg	0.199	0.355
41464-40-8	2,2',4,5'-Tetrachlorobiphenyl (49) *Tetrachlorobiphenyl (49)*		2.95	ug/kg	0.146	0.355
41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (44) *Tetrachlorobiphenyl (44)*		6.55	ug/kg	0.126	0.355
32598-10-0	2,3'4,4'-Tetrachlorobiphenyl (66) *Tetrachlorobiphenyl (66)*	P	3.07	ug/kg	0.157	0.355
37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (101)*		28.3	ug/kg	0.186	0.355
38380-02-8	Pentachlorobiphenyl (87)		15.9	ug/kg	0.235	0.355
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (77) *Tetrachlorobiphenyl (77)*	P	6.16	ug/kg	0.318	0.355
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (123)*	P	4.02	ug/kg	0.139	0.355
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (11 *Pentachlorobiphenyl (118)*		18.3	ug/kg	0.282	0.355
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (114 *Pentachlorobiphenyl (114)*	P	3.05	ug/kg	0.203	0.355
74472-48-3	2,2',3,4,4',6,6'-Heptachlorobipheny *Heptachlorobiphenyl (184)*		2.52	ug/kg	0.119	0.355
35065-27-1	2,2',4,4',5,5'-Hexachlorobipher *Hexachlorobiphenyl (153)*		30.6	ug/kg	0.124	0.355
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (10 *Pentachlorobiphenyl (105)*	P	6.78	ug/kg	0.171	0.355
35065-28-2	2,2',3,4,4',5'-Hexachlorobiphenyl (*Hexachlorobiphenyl (138)*		31.7	ug/kg	0.259	0.355
52663-69-1	2,2',3,4,4',5',6-Heptachlorobipheny *Heptachlorobiphenyl (183)*		4.10	ug/kg	0.132	0.355
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (12 *Pentachlorobiphenyl (126)*	P	9.46	ug/kg	0.197	0.355

PCB
Certificate of Analysis
Sample Summary

SDG Number:	**167603-1**	**Date Collected:**	**07/18/2006 13:40**	**Matrix:**	**SOIL**
Lab Sample ID:	**1201141682**	**Date Received:**	**07/21/2006 09:30**	**%Moisture:**	**6**
Client Sample:	**QC for batch 550770**	**Client:**	**GCAL001**	**Project:**	**QC**
Client ID:	**20607202618(167604018)MSD**	**Method:**	**SW846 8082**	**SOP Ref:**	**GL-OA-E-040**
Batch ID:	**550771**	**Inst:**	**ECD8A.I**	**Dilution:**	**1**
Run Date:	**07/26/2006 16:55**	**Analyst:**	**KXY1**	**Inj. Vol:**	**1 uL**
Prep Date:	**07/24/2006 08:30**	**Aliquot:**	**30 g**	**Final Volume:**	**1 mL**

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ
38380-07-3	2,2',3,3',4,4'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (128)*		7.04	ug/kg	0.171	0.355
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (167)*		2.94	ug/kg	0.124	0.355
38380-08-4	2,3,3',4,4',5-Hexachlorobiphenyl (1 *Hexachlorobiphenyl (156)*		4.31	ug/kg	0.132	0.355
69782-90-7	2,3,3',4,4',5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (157)*		2.64	ug/kg	0.229	0.355
35065-29-3	2,2',3,4,4',5,5'-Heptachlorobipheny *Heptachlorobiphenyl (180)*		4.96	ug/kg	0.115	0.355
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (: *Hexachlorobiphenyl (169)*		1.54	ug/kg	0.233	0.355
35065-30-6	2,2',3,3',4,4',5-Heptachlorobipheny *Heptachlorobiphenyl (170)*		4.30	ug/kg	0.108	0.355
52663-68-0	2,2',3,4',5,5',6-Heptachlorobipheny *Heptachlorobiphenyl (187)*	P	3.63	ug/kg	0.102	0.355
52663-78-2	2,2',3,3',4,4',5,6-Octachlorobipheny *Octachlorobiphenyl (195)*		1.93	ug/kg	0.112	0.355
40186-72-9	2,2',3,3',4,4',5,5',6-Nonachlorobiph *Nonachlorobiphenyl (206)*		1.49	ug/kg	0.113	0.355

MISCELLANEOUS DATA

000317

187800

General Engineering Laboratories
Form GEL-NCR
Rev. 06/05

NCR Report No.: 343768
Revision No.: 1

COMPANY - WIDE NONCONFORMANCE REPORT

Mo.Day Yr.	Division:	Quality Criteria:	Type:
08-AUG-06	Federal	Specifications	Process
Instrument Type:	**Test / Method:**	**Matrix Type:**	**Client Code:**
GC/ECD	SW846 8082	Solid	GCAL
Batch ID:	**Sample Numbers:**		
550771	See Below		

Potentially affected work order(s)(SDG): 167604(167603-1)

Application Issues:

Failed Recovery for MS/PS

Failed RPD for MS/MSD, or PS/PSD

Failed Yield for Surrogates

Specification and Requirements Nonconformance Description:	NRG Disposition:
1. Failed Recovery for MS/MSD: QC 1201141681MS 2. Failed RPD for MS/MSD: QC 1201141682MSD 3. Failed Yield for Surrogates: 167604 016,018	1. The MS recoveries for this SDG were not within the acceptance limits. The failures confirm in the MSD and are attributed to matrix interference. 2. The relative percent differences (RPD) between each MS and MSD were not within the required acceptance limits. 3. Sample 167604018 was reextracted due to surrogate failure. Sample 167604016 did not meet acceptance criteria for surrogate recovery due to dilution.

Originator's Name:
Khoung Yib 08-AUG-06

Data Validator/Group Leader:
Jared Wagner 09-AUG-06

Quality Review:

Director:

187802

PBW/4482/206072002/7-26-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

OC1100

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PROJECT NO.: 1352D PROJECT NAME: Gulfco Superfund Site PAGE: 1 OF: 2

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Tetracure	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	~~HOLD~~ PCB Congeners*	~~RUSH~~ Foc/pH bulk density	STANDARD	
	SI7SB76-152-(1-2)	7/18/06	1355	SO				X	X		8oz 40ml	P/G	5	X	X	X	X	X			X	
	SI7SB76-151-(0-0.5)	7/18/06	1400					X			8oz 4oz	G	2		X	X	X	X	X		X	PCB Congeners -1
	SH1SB61-122-(1-2)	7/18/06	1430					X	X		8oz 40ml	P/G	7	X	X	X	X	X		X	X	Foc/pH/bulk density
	SH1SB61-121-(0-0.5)	7/18/06	1435					X			8oz	G	1		X	X	X	X			X	
	SG2SB53-106-(1-2)	7/18/06	1445					X	X		8oz 40ml	P/G	5	X	X	X	X	X			X	
	SG2SB53-105-(0-0.5)	7/18/06	1440					X			8oz	G	1		X	X	X	X			X	
	SG1SB52-104-(1-2)	7/18/06	1450					X	X		8oz 40ml	P/G	5	X	X	X	X	X			X	
	SB-506-(0-0.5)	7/18/06	0830					X			8oz	G	1		X	X	X	X			X	
								TOTAL NUMBER OF CONTAINERS						LABORATORY COMMENTS/CONDITION OF SAMPLES								Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[illegible]	[illegible]	PBW	7/18/06	1605			
Fedex			7-19-06	950	[illegible]	Michelle Pulsova	GCAL LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

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* PCB congeners are in this w orderle only.

000320

187803

PBW/14482/2060728002/ 7-26-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001186

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PROJECT NO.: 1352D PROJECT NAME: Gulf Co Superfund Site PAGE: 1 OF: 2

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/17/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	TerraCore	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD PCB Congeners	RUSH Fuel/Hydrocarbons pH	STANDARD	
	SJ2 SB78-156(1-2)	7/17/06	1540	SO				X	X		8oz/40oz	P/G	5	X	X	X	X	X			X	30.08g/31.90g/31.64g
	SJ2 SB78-155-(0-0.5)	7/17/06	1550					X			8oz	G	1		X	X	X	X			X	
	SK2 SB86-172-(1-2)	7/17/06	1600					X	X		8/40	P/G	5	X	X	X	X	X			X	31.96g/30.02g/31.67g
	SK2 SB86-171(0-0.5)	7/17/06	1605					X			8oz/4	G	2		X	X	X	X	X			PCB Congeners (4oz) 2
	SL3 SB94-188-(1-2)	7/17/06	1615					X	X		4/8oz/40oz	P/G	7	X	X	X	X	X		X		31.53g/31.71g/29.86g pH/TOC
	SL3 SB94-187-(0-0.5)	7/17/06	1620					X			8oz	G	1		X	X	X	X				
	SK3 SB87-174-(1-2)	7/17/06	1630					X	X		8oz/40oz	P/G	5	X	X	X	X	X				31.79g/31.68g/30.04g
	SK3 SB87-173-(0-0.5)	7/17/06	1635					X			8oz	G	1		X	X	X	X				

TOTAL NUMBER OF CONTAINERS 27

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
	Co-Man	PBW	7/18/06	1605			
Fedex			7-19-06	950	MK	Michelle Rabun	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

*PCB congeners are on this workorder only 3

000321

187804

PBW/4462/2060722002/7-26-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001191

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PROJECT NO.: 1352B PROJECT NAME: Gulfco Superfund Site PAGE: 1 OF: 2

SAMPLER (Signature): [signature] PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: _____ DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terracore	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD PCB congeners	RUSH	STANDARD	
	SLSSB96-192-(1-2)	7/18/06	0935	SO				X	X		8oz 40mL	P/G	5	X	X	X	X	X		X	X	
	SLS SB96-191-(0-0.5)	7/18/06	0940	SO				X			8oz	G	2		X	X	X	X	X		X	PCB congener sample
	~~SK5 SB94~~																					
	SL6 SB97-194-(1-2)	7/18/06	0950	SO				X	X		8oz 40mL	P/G	7	X	X	X	X	X		X	X	foc/pH/bulk density
	SL6 SB97-193-(0-0.5)	7/18/06	1010					X			8oz	G	1		X	X	X	X			X	
	SK6 SB90-180-(1-2)	7/18/06	1015					X	X		8oz 40mL	P/G	5	X	X	X	X	X			X	
	SK6 SB90-179-(0-0.5)	7/18/06	1020					X			8oz	G	1		X	X	X	X			X	
	SI6 SB75-150-(1-2)	7/18/06	1030					X	X		8oz 40mL	P/G	5	X	X	X	X	X			X	
											TOTAL NUMBER OF CONTAINERS		26									LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[signature]	Carl Mann	PBW	7/18/06	1605			
Fedex			7-19-06	950	[signature]	Michelle Robolin	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

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* PCB congeners are in this workorder only.

000322

187805

PBW/4482/~~206077~~ 206072002/ 7-26-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001193

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PROJECT NO.: 1352Δ PROJECT NAME: Gulfco Superfund Site PAGE: 1 OF: 2

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terracore	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	~~HOLD~~ PCB congeners	~~RUSH~~	STANDARD	
	SJ6 SB82-164-(1-2)	7/18/06	1250					X	X		40ml 8oz	P/G	5	X	X	X	X	X				
	SJ6 SB82-163-(0-0.5)	7/18/06	1255					X			8oz	G	1		X	X	X	X				
	SK7 SB91-181-(0-0.5)	7/18/06	1300					X			8oz	G	2		X	X	X	X	X			PCB congener · 4
	SK7SB91-181-(0-0.5) MS/MSD	7/18/06	1300					X			8oz	G	2		X	X	X	X				MS/MSD sample
	SK7SB91-182-(1-2)	7/18/06	1305					X	X		40ml 8oz	P/G	5	X	X	X	X	X				
	SL7 SB98-196-(1-2)	7/18/06	1335					X	X		40ml 8oz	P/G	5	X	X	X	X	X				
	SB-509-(1-2)	7/18/06	0840					X	X		8oz	G	5	X	X	X	X	X				
	SB-508-(0-0.5)	7/18/06	0830					X			8oz	G	1		X	X	X	X				
													TOTAL NUMBER OF CONTAINERS									LABORATORY COMMENTS/CONDITION OF SAMPLES
													26									Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
	G. Marr	PBW	7/18/06	1605			
Fedex			7/19/06	950		Michelle Rabourn	GCAC
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

* PCB congeners are in this workorder only.

3

C00323

187806

~~PBW/4482/20607191 6/776 06~~ mr PBW/4482/2060720002/7-

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001198

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PROJECT NO.: 1352D PROJECT NAME: Gulfco KIFS PAGE: 2 OF: 2

SAMPLER (Signature): PROJECT MANAGER: EFP DATE: 7/18/06

METHOD OF SHIPMENT: Fed Ex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD		FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD	RUSH	STANDARD	
	SLB5B99-RT-(0-0.5)	7/18/06	0920	SO				X			8	G	1		X	X	X	X			X	* 23
	SLB5B99-198 (1-2)	7/18/06	0925	SO				X			1-8	G	16	X	X	X	X	X			-5	MS/MSD, RB* ~~Lab~~ + ~~Attach~~ 24
																						VOC trips - 25
																						30.10, 31.75, 31.64 26
																						31.27, 31.65, 29.93
																						29.95, 31.65, 31.69
	TB-506	-	-	W	X			X			3-40	VOA	3	X								27

TOTAL NUMBER OF CONTAINERS

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[signature]	Tim Jennings	PBW	7/18/06	815	[signature]		
[signature]			7-19-06	950	[signature]	Michelle Rubio	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

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C00324

187807

PBW / 14162 / 2060772002 / 7-26-06 mr

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

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PROJECT NO.: 1352~~[illegible]~~D PROJECT NAME: Gatto RIFs PAGE: 1 OF: 2

SAMPLER (Signature): PROJECT MANAGER: EFP DATE: 7/17/06

METHOD OF SHIPMENT: FedEx CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME (1407)	Matrix*	HCl	HNO_3	H_2SO_4	COLD		FILTRATION*	VOLUME (~~ml~~/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Rstkd	HOLD	RUSH	STANDARD	VOL Time wt. (g)
	ND4SB07-013-(0-0.5)	7/17/06	~~1415~~	SO				✓			8	G	1		X	X	X	X			X	17
	ND4SB07-014-(1-2)		1415	SO				✓			8	G	1	X	X	X	X	X			X	31.78, 31.86, 30.04 18
	ND3SB05-009 (0-0.5)		1610	SO				✓			8	G	1		X	X	X	X			X	19
	ND3SB05-010 (1-2)		1620	SO				✓			8	G	1	X	X	X	X	X	-6	X	MS/MSD - PCB* Analysis Extra 20	
																						30.17, 32.03, 35.84 21 MS
																						31.77, 30.13, 31.97 22 MSD
																						30.27, 31.80, 31.96

TOTAL NUMBER OF CONTAINERS

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
Fedex	Tim Jennings	PBW	7/18/06	1215	Fed Ex		
			7.19.06	950	MR	Michelle Raborn	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other # Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

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000325

187808

PBW/4482/20060720002/7-26-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001192

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PROJECT NO.: 1352 Δ PROJECT NAME: Gulfco Superfund Site PAGE: 2 OF: 2

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terracore	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD PCB congeners*	~~RUSH~~	STANDARD	
	SI6 SB75-149-(0-0.5)	7/18/06	1035	SO				X			8oz	G	1		X	X	X	X			X	
	SJ5 SB81-161-(0-0.5) MS/MSD	7/18/06	1220					X			8oz	G	2		X	X	X	X			X	MS/MSD
	SJ5 SB81-161-(0-0.5)	7/18/06	1220					X			4oz 8oz	G	2		X	X	X	X	X		X	-7
	SJ5 SB81-162-(1-2)	7/18/06	1215					X	X		8oz 40mL	P/G	5	X	X	X	X	X			X	
	COC1191-TB			W	X						40mL	G	3	X							X	

TOTAL NUMBER OF CONTAINERS

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[signature]	C. Martin	PBW	7/18/06	1605			
Fedex			7/19/06	950	[signature]	Michelle Parker	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

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000326

187809

4482

PPW/20607 20 26/7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001104

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PROJECT NO.: 1352D PROJECT NAME: Gulf Co Superfund Site PAGE: 1 OF: 2

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terra core	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD PCB congeners	RUSH	STANDARD	
	SF3 SB45-089-(0-0.5)	7/18/06	1630	SO				X			8oz	G	1		X	X	X	X			X	
	SF3 SB45-090-(1-2)	7/18/06	1625	SO				X	X		8oz 4oz	P/G	5	X	X	X	X	X			X	
	SF3 SB45-090-(1-2) MS/MSD	7/18/06	1625	SO				X	X		8oz 4oz	P/G	10	X	X	X	X	X			X	MS/MSD
	SI5 SB74-147-(0-0.5)	7/18/06	1730	SO				X			8oz 4oz	G	2		X	X	X	X	X		X	PCB Congener -1
	SI5 SB74-148-(1-2)	7/18/06	1735	SO				X	X		8oz 4oz	P/G	6	X	X	X	X	X	X		X	PCB Congener 2
	SH4 SB64-128-(1-2)	7/18/06	1745	SO				X	X		8oz 4oz	P/G	6	X	X	X	X	X	X		X	PCB Congener -3
	SH4 SB64-127-(0-0.5)	7/18/06	1750	SO				X			8oz 4oz	G	2		X	X	X	X	X		X	PCB Congener -4
	SF4 SB46-091-(0-0.5)	7/18/06	1705	SO				X			8oz	G	1		X	X	X	X			X	

TOTAL NUMBER OF CONTAINERS 33

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
	C. Mean	PBW	7/19/06	1600			
Fed Ex	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

* PCB congeners are in this watershed org.

000327

187810

PBW/14462/2060720026/7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001105

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Fax: (903)794-0626

PROJECT NO.: 13520 PROJECT NAME: Gulfco Superfund Site PAGE: 2 OF: 2

SAMPLER (Signature): [signature] PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					*Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terracore	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	~~HOLD PCB Congeners~~	RUSH	STANDARD	
	COC1104-TB				X			X			40-AG		3	X							X	
	SF4SB46-092-(1-2)	7/18/06	1700	SO				X	X		8/40	P/O	6	X	X	X	X	X	X		X	PCB Congeners = 5

TOTAL NUMBER OF CONTAINERS

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[signature]	Eric Mass	PBW	7/19/06	1600			
Fedex	0444 3125 6124		7-20-06	935	[signature]	Michelle Rabow	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

3

* PCB congeners are for this workorder only.

000328

187811

PPW/4462/206072026/7-26-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001106

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PROJECT NO.: 1352A PROJECT NAME: Griffco Superfund Site PAGE: 1 OF: 2

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Temperature	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOC	SVOCs	Metals	PCB	Pesticides	HOLD PCB Congeners*	RUSH	STANDARD	
	SG4/SB56-112-(1-2)	7/18/06	1715	SO				X	X		8oz 40ml	P/G	5	X	X	X	X	X			X	
	SG4 SB56-111-(0-0.5)	7/18/06	1700	SO				X			8oz	G	1		X	X	X	X			X	
	SE3 SB39-077-(0-0.5)	7/18/06	1650	SO				X			8oz	G	1		X	X	X	X			X	
	SE3 SB39-076-(1-2)	7/18/06	1645	SO				X	X		8oz 40ml	P/G	5	X	X	X	X	X			X	
	SH5 SB66-131-(0-0.5)	7/18/06	1750	SO				X			8oz 4oz	G	2		X	X	X	X	X		X	PCB Congener 6
	SH5 SB66-132-(1-2)	7/18/06	1755	SO				X	X		8oz 40ml	P/G	6	X	X	X	X	X	X		X	PCB Congener 7
	SH4 SB65-130-(1-2)	7/18/06	1830	SO				X			4oz 4oz	G	2		X		X		X		X	PCB Congener 8
	SH4 SB65-129-(0-0.5)	7/18/06	1835	SO				X			4oz	G	2				X		X		X	PCB Congener 9
											TOTAL NUMBER OF CONTAINERS		24	LABORATORY COMMENTS/CONDITION OF SAMPLES								Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[illegible]	C. Mason	[illegible]	7/19/06	1600			
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

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* PCB congeners are in this workorder only.

000329

187812

PBW/4482/206072026 / 7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

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Fax: (903)794-0626

PROJECT NO.: 1352A PROJECT NAME: Gulfco Superfund Site PAGE: 2 OF: 2

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	–	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCB	Pesticide	HOLD PCB congeners	RUSH	STANDARD	
	SI4 SB72-144-(1-2)	7/18/06	1800	SO				X			4oz	G	2				X		X			PCB Congeners 10
	SI4 SB72-143-(0-0.5)	7/18/06	1805	SO				X			4oz	G	2				X		X			PCB Congeners 11
	FB-503	7/18/06	1845	AQ	X	X		X				P/G	8	X	X	X	X	X				
	COC1106-TB																					

TOTAL NUMBER OF CONTAINERS 12

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
	G. Marr	PBW	7/19/06	1600			
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

X PCB congeners are in this warehouse only

187813

PBW/4462/206072026/7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001111

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PROJECT NO.: 1352-D PROJECT NAME: Gulfco Superfund Site PAGE: 1 OF: 1

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/19/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terra Core	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD	RUSH	STANDARD	
	SF6SB50-099-(0-0.5)	7/19/06	0935	SO				X			8oz	G	1		X	X	X	X			X	
	SF6SB50-100-(1-2)	7/19/06	0930	SO				X	X		8oz 4oz	P/G	6	X	X	X	X	X	X		X	PCB Congener 12
	SH6SB67-133-(0-0.5)	7/19/06	0925	SO				X			8oz	G	1		X	X	X	X	X		X	
	SH6SB67-134-(1-2)	7/19/06	0920	SO				X	X		8oz 4oz	P/G	6	X	X	X	X	X	X		X	PCB Congener 13
	SH6SB67-134-(1-2) MS/MSD	7/19/06	0920	SO				X	X		8oz 4oz	P/G	10	X	X	X	X	X			X	
	SG7SB60-100-(1-2)	7/19/06	0945	SO				X	X		8/4oz	G	6	X	X	X	X	X	X		X	PCB Congener 14
	SG7SB60-119-(0-0.5)	7/19/06	0950	SO				X			8oz	G	1		X	X	X	X			X	
	COC1111-TB	7/19/06		AQ	X			X			40ml	G	3	X								
											TOTAL NUMBER OF CONTAINERS		34	LABORATORY COMMENTS/CONDITION OF SAMPLES								Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
	Co-Mai	PBW	7/19/06	1600			
Eaton	[illegible]		[illegible]	0935		[illegible]	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

* PCB congeners are in this workorder only.

001331

187814

PBW/4402/20607202 6/7.27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

OC1199

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PROJECT NO.: 13572D PROJECT NAME: Gulfco PAGE: 2 OF: 2

SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7-18-06

METHOD OF SHIPMENT: FedEx CARRIER/WAYBILL NO.: DESTINATION: GCAC

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terralore	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD	RUSH	STANDARD	
	SH2SB62-123 (0-0.5)	7/19/06	1540	SO				X			8	G	1		X	X	X	X			X	
	SH2SB62-124 (1-2)		1540	SO				X	X		1-8	G	1	X	X	X	X	X			X	
	SG35B55-109 (0-0.5)		1605	SO				X			8	G	1		X	X	X	X			X	
	SG35B55-110 (1-2)		1600	SO				X	X		1-8	G	16	X	X	X	X	X			X	PCBs - PCBs for congeners *
	COC1197-TB			AQ	X			X			40ml	G	3	X								

TOTAL NUMBER OF CONTAINERS 23

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
	G. Major	PBW	7/19/06	1600			
Fedex	5444 3275 6026		7.20.06	935	NK	M. Hillerbrand	GCAC
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

* PCB congeners are in this w orbonde only.

0003332

187815

PBW/1462/206072026/7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

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Fax: (903)794-0626

w/ 1117

PROJECT NO.: 1352A PROJECT NAME: Gulf [illegible] Site PAGE: 1 OF: 2

SAMPLER (Signature): [signature] PROJECT MANAGER: Eric Pastor DATE: 7/19/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GEAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terra Core	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD PCB Congeners*	RUSH	STANDARD	
	SD6 SB36-072(1-2)	7/19/06	1200	SO				X	X		8/40	P/G	5	X	X	X	X	X			X	
	SD6 SB36-071(0-0.5)	7/19/06	1205	SO				X			8	G	1		X	X	X	X			X	
	SD5 SB35-069-(0-0.5)	7/19/06	1210	SO				X			8	G	1		X	X	X	X			X	
	SD5 SB35-070-(1-2)	7/19/06	1210	SO				X	X		8/40	P/G	6	X	X	X	X	X	X		X	PCB Congener -16
	SD5 SB35-070-(1-2) MS/MSD	7/19/06	1210	SO				X	X		8/40	P/G	10	X	X	X	X	X	[illegible]		X	MS/MSD single
	SB2 SB22-044-(1-2)	7/19/06	1410	SO				X	X		8/40	P/G	5	X	X	X	X	X			X	
	SB2 SB22-045-(0-0.5)	7/19/06	0830	SO				X			8	G	1		X	X	X	X			X	
	SB-502-(0-0.5)	7/19/06	1415	SO				X			8	G	1		X	X	X	X			X	
											TOTAL NUMBER OF CONTAINERS		30									LABORATORY COMMENTS/CONDITION OF SAMPLES — Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[signature]	G. Mc[illegible]	PBW	7-19-06	1600			
Fedex	5449 3125 6657		7-20-06	935	[signature]	[illegible]	GEAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

3

* PCB congeners are this workorder only.

000333

187816

PBW/HHC/206072026/7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

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PROJECT NO.: 13502D PROJECT NAME: Griffin Superfund Site PAGE: 1 OF: ____

SAMPLER (Signature): ____ PROJECT MANAGER: Eric Pastor DATE: 7/19/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: ____ DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terraccore	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD PCBs*	RUSH	STANDARD	
	SF5 SB41-062-(1-2)	7/19/06	1100	SO				X	X		8/40	P/G	5	X	X	X	X	X			X	
	SF5 SB41-061-(0-0.5)	7/19/06	1055	SO				X			8	G	1		X	X	X	X			X	
	SF5 SB47-094-(1-2)	7/19/06	1110	SO				X	X		8/40	P/G	5	X	X	X	X	X			X	
	SF5 SB47-093-(0-0.5)	7/19/06	1115	SO				X			8	G	1		X	X	X	X			X	
	SF4 SB40-080-(1-2)	7/19/06	1115	SO				X	X		8/40	P/G	6	X	X	X	X	X	X		X	PCB Congeners 17
	SF4 SB40-079-(0-0.5)	7/19/06	1120	SO				X			8	G	1		X	X	X	X			X	
	SD4 SB34-068-(1-2)	7/19/06	1125	SO				X	X		8/40	G	5	X	X	X	X	X			X	
	SB-504 (0-0.5)	7/19/06	0830	SO				X			8	G	1		X	X	X	X			X	
											TOTAL NUMBER OF CONTAINERS											LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[illegible]	C. Mer[illegible]	PBW	7-19-06	1600			
Fedex	[illegible]		7-20-06	935	[illegible]	[illegible]	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

* PCB Congeners are to the workbench only.

000334

187817

PBW/4462/206072026/727-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

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PROJECT NO.: 1352D PROJECT NAME: Gulfco Superfund Site PAGE: 2 OF: 2
SAMPLER (Signature): PROJECT MANAGER: Eric Pastor DATE: 7/19/06
METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terra core	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	HOLD PCB Congeners	RUSH	STANDARD	
	SD4 SB34-007-(0-0.5)	7/19/06	1130	SO				X			8	G	1		X	X	X	X				
	SC6 SB30-059-(0-0.5)	7/19/06	1345	SO				X			8	G	1		X	X	X	X			X	
	SC6 SB30-060-(1-2)	7/19/06	1340	SO				X	X		8/40/4	P/G	6	X	X	X	X	X	X		X	PCB Congeners * 18
	COC 1114-TB			W	X			X			40	G	3	X								

TOTAL NUMBER OF CONTAINERS

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
	Eric Mos	PBW	7-19-06	1600			
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

* PCB congeners are in this workorder only.

0335

187818

PRESERVATION CHECKLIST / COOLER RECEIPT

Gulf Coast Analytical Laboratories, Inc.

WO:	206072002	**Type:**	D
Desc:		**Report:**	REVIEW_RPT
Work ID:	Gulfco Marine Maintenance Site	**Status:**	WP
Project Seq:	45069	**Created:**	7/20/2006 8:46
Client:	4482 - Pastor, Behling, & Wheeler	**QA:**	
Profile:	78418 - GULFCO - Gulfco Marine Maintenance Site	**PO:**	Project 1259

WORKORDER SAMPLES

Container ID	Type	Preservative	pH PRESERVATIVE A	pH U	pH N\A	VOA HEADSPACE A	VOA U	VOA N\A	CONTAINER CONDITION
20607200201-1	4	NONE			X			X	OK
20607200202-1	4	NONE			X			X	OK
20607200203-1	4	NONE			X			X	OK
20607200204-1	4	NONE			X			X	OK
20607200205-1	4	NONE			X			X	OK
20607200206-1	4	NONE			X			X	OK
20607200207-1	4	NONE			X			X	OK

A = ACCEPTABLE
U = UNACCEPTABLE
N\A = NOT APPLICABLE

COOLER (S) TEMPERATURE (A) U LIMIT = 4C + \ - 2C

MAXIMUM VOLATILE HEADSPACE BUBBLE 6MM

Custody Seal
used [✓] Yes [ ] No
in tact [✓] Yes [ ] No

LABEL(S) VERIFIED RBG CUSTODIAN

00336

187819

PRESERVATION CHECKLIST / COOLER RECEIPT

Gulf Coast Analytical Laboratories, Inc.

WO:	206072026	**Type:**	D
Desc:		**Report:**	REVIEW_RPT
Work ID:	Gulfco Marine Maintenance Site	**Status:**	WP
Project Seq:	45093	**Created:**	7/20/2006 14:26
Client:	4482 - Pastor, Behling, & Wheeler	**QA:**	
Profile:	78418 - GULFCO - Gulfco Marine Maintenance Site	**PO:**	Project 1259

WORKORDER SAMPLES

Container ID	Type	Preservative	pH PRESERVATIVE A	pH PRESERVATIVE U	pH PRESERVATIVE N\A	VOA HEADSPACE A	VOA HEADSPACE U	VOA HEADSPACE N\A	CONTAINER CONDITION
20607202601-1	4	NONE			X			X	OK
20607202602-1	4	NONE			X			X	OK
20607202603-1	4	NONE			X			X	OK
20607202604-1	4	NONE			X			X	OK
20607202605-1	4	NONE			X			X	OK
20607202606-1	4	NONE			X			X	OK
20607202607-1	4	NONE			X			X	OK
20607202608-1	4	NONE			X			X	OK
20607202609-1	4	NONE			X			X	OK
20607202610-1	4	NONE			X			X	OK
20607202611-1	4	NONE			X			X	OK

00337

187820

			pH PRESERVATIVE			VOA HEADSPACE			
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607202612-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607202613-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607202614-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607202615-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607202616-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607202617-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607202618-1	4	NONE			X			X	OK

A = ACCEPTABLE
U = UNACCEPTABLE
N\A = NOT APPLICABLE

COOLER (S) TEMPERATURE A U LIMIT = 4C + \ - 2C

MAXIMUM VOLATILE HEADSPACE BUBBLE 6MM

Custody Seal
used [ ] Yes [ ] No
in tact [ ] Yes [ ] No

LABEL(S) VERIFIED RBG CUSTODIAN

DATA VALIDATION CHECKLIST (Level III)				
Client Name: Pastor, Behling, & Wheeler	Project Number: 1352			
Property Location: Gulfco Superfund Site	Project Manager: Eric Pastor			
Laboratory: GCAL – Baton Rouge, LA	Laboratory Job No.: 206072006,12,19,21*			
Reviewer: Taryn Scholz/ Don Flory (QAA, L.L.C.)	Date Checked: 10/26/06, 11/6/06, 11/21/06			
ITEM	**Yes**	**No**	**NA**	**Comment Number**
Chain of Custody (COC) and Sample Receipt at Lab				
1. Signed COCs included and seals used?		x		1.
2. Date and time of sample collection included?	x			2.
3. All samples listed on the COC analyzed for in accordance with the RI/FS Work Plan?	x			
4. Field QC sample frequency met project requirements?		x		4.
5. Sample receipt temperature 2-6°C?	x			
6. Samples preserved appropriately?	x			
7. Samples received within 2 days of collection?	x			
8. No problems noted?	x			
Laboratory Report and Data Package				
9. Signed Case Narrative included?	x			
10. No analytical discrepancies noted in case narrative?		x		10.
11. Elevated reporting limits justified?	x			11.
12. MDLs reasonable per DCS?	x			
13. Calibration data acceptable?		x		see attached
14. ICV and CCV recoveries within project control limits?		x		see attached
15. ICB and CCB results <RL (MQL)?	x			
16. Internal standard areas within project control limits?	x			
Laboratory EDD				
17. Field sample IDs included?	x			
18. Laboratory sample IDs included?	x			
19. Date of analysis included?	x			
20. Date of sample preparation included?	x			
21. Samples prepared within holding time?	x			
22. Samples analyzed within holding time?	x			
23. Detection limit and quantitation limit included?	x			
24. Project target limits achieved?	x			
25. No elevated reporting limits?		x		25.
26. Method references included?	x			
27. Sample matrix included?	x			
28. Sample result units reported correctly?	x			28.
29. Soil/ sediment results corrected for dry-weight?	x			
30. Method blank results <RL (MDL)?		x		see attached
31. Equipment and Trip blank results <RL (MDL)?		x		see attached
32. All COIs included in LCS?	x			32.
33. LCS recovery within project control limits?		x		see attached
34. MS/MSD recoveries within project control limits?		x		34. see attached
35. LCS/LCSD RPDs within project control limits?		x		see attached
36. MS/MSD RPDs within project control limits?		x		see attached
37. Laboratory duplicate RPDs/Diffs within project control limits?			x	
38. Field duplicate RPDs/Diffs within project control limits?		x		see attached
39. Surrogate recoveries within project control limits?		x		see attached
40. Completeness percentage within project limits?			x	40.

187822

Definitions: **CCB** – Continuing Calibration Blank; **CCV** – Continuing Calibration Verification; **COI** – Compounds of Interest; **DCS** – Detectability Check Sample; **ICB** – Initial Calibration Blank; **ICV** – Initial Calibration Verification; **LCS** – Laboratory Control Sample; **LCSD** – Laboratory Control Sample Duplicate; **MDL** – Method Detection Limit; **MS/MSD** – Matrix Spike/Matrix Spike Duplicate; **RL** – Reporting Limit; **RPD** – Relative Percent Difference				

COMMENTS

* The soil boring (SB) samples have been grouped by sampling event (i.e., samples that were collected, shipped, and received at the same time) for the data validation. There are three distinct SB events: (1) First event - the three work orders received on 7/19/06 (206071914, 206071915, 206071916); (2) Second event – the four work orders received on 7/20/06 (206072006, 206072012, 206072019, 206072021); and (3) Third event – the three work orders received on 7/21/06 (206072106, 206072107, 206072109)

Level IV Check - GC/MS RRF for instrument calibration also included in Level III checks after deficiencies noted in first samples – see attached for deficiencies noted

Level IV Check – Verification of results against quant report for all samples with all NDs for a given multi-analyte parameter also included in Level III checks after error noted in work order 206071914 – no deficiencies found

1. Lab did not sign page 2 or 4 (no. 001117 and 001110) for work order 206072019.

2. Eight trip blanks do not have Collection Date on Chain and nine do not in EDD.

4. Only 4 field dups collected for 96 VOC soil samples (10 field dups collected for 197 total soil samples but less than half from >0.5 ft samples, for which VOC was analyzed). This is not considered to affect data quality.

10. Issues noted for all parameters. All are based on laboratory limits, which do not affect flagging for this site, except:

206072006

VOC – MeCl2 in LB and no lab MS/MSD for batch 328555 (field blanks only); MeCl2 in LB and no lab MS/MSD for batch 328554 due to insufficient sample, LCS/D reported (site MS/MSD used to assess quality, see comment no. 34); MeCl2 in LB for batch 328585; Acetone, MeCl2, 2-Butanone, Styrene in LB for batch 328605

SVOC – MS/MSD rec = 0% for Pyridine in batch 328467 (field blanks only), bis(2eh)phthalate in LB for batch 328412

PEST - RT window originally set too wide, hardcopy revisions and revised EDD (version V1 on 9/18/06) submitted for results for 6 samples and the MS/MSD. (Note: EDD revised and submitted on 11/3/06 with 'rev' suffix because the 9/18/06 version did not contain all records for one of the MS/MSD.)

AROCLORS – revised values reported for sample SC2SB26-052-(1-2). Aroclor 1254 was found present in this sample and the resubmitted results are in work order 206112030 (EDD submitted on 11/20/06) along with resubmitted results for three other SB samples. These changes are the results of a review of all SW-846 8082 analysis for the Gulfco site. (see Note below)

206072012

VOC – MeCl2/Naph. in LB for batch 328626

SVOC – bis(2eh)phthalate in LB for batch 328426 and 429, no MS/MSD for lab batch 328472 due to insufficient sample; Form 1 and raw data for sample 20 not in data package, submitted as additions on 11/6/06.

PEST - RT window originally set too wide, hardcopy revisions and revised EDD (version V1 on 9/18/06) submitted for results for 15 samples and the MS/MSD; RPD between columns > 40 for one or more Pests in seven samples, higher results reported unless co-elution suspected

206072019

VOC – no lab MS/MSD for batch 328554, LCS/D reported; no lab MS/MSD for batch 328590, LCS/D reported

PEST - RT window originally set too wide, hardcopy revisions and revised EDD (version V1 on 9/18/06) submitted for results for 12 samples and the MS/MSD

COMMENTS (continued)

206072021

VOC – no lab MS/MSD for batch 328721 due to IS failure in parent sample; no lab MS/MSD for batch 328626 or 590, LCS/D reported

PEST - RT window originally set too wide, hardcopy revisions and revised EDD (version V1 on 9/18/06) submitted for results for 12 samples and the MS/MSD

AROCLORS – revised values reported for samples SC6SB30-060-(1-2) and SD4SB34-068-(1-2). Aroclor 1254 was found present in these samples and the resubmitted results are in work order 206112030 (EDD submitted on 11/20/06) along with resubmitted results for three other SB samples. These changes are the results of a review of all SW-846 8082 analysis for the Gulfco site. (see Note below)

ADDITIONAL NOTE ON AROCLORS: Based on a review of the Aroclor analyses and the PCB-Congener analyses, the validator requested that the laboratory re-examine data for two Aroclor samples with all non-detects (both in work order 206072021). The laboratory (GCAL) determined that Aroclor-1254 was actually present in the samples and that apparently the original results were reported after loading the incorrect list (i.e., the Pesticide list, which is processed on the same injection, instead of the Aroclor list) into the instrument data system. As a result, GCAL completed a review of all Aroclor analyses (including every sample for every media) for the Gulfco site and revised results were submitted in a new work order (206112030) for four samples (one from work order 206071915, one from work order 206072012 and the two from work order 206072021). Details of the laboratory review are contained in a letter submitted by GCAL.

11. 206072006 – One VOC sample diluted due to sample matrix, one due to high level of Isopropylbenzene – still above calibration range (flagged with Validation Qualifier = J); Four SVOCs diluted due to non-target background, SUs diluted out for 10x or higher; Three Pest/Aros diluted to reduce interference, SUs diluted out; Five metals diluted to bracket conc in linear range.
20607012 – Two VOCs diluted due to sample matrix; Nine SVOC diluted due to non-target background; One Pest/Aro diluted to bracket conc in range, SUs diluted out; Five Pest/Aro diluted due to non-target background, SUs diluted out for 10x or higher; Four metals diluted to bracket in calib range, three metals diluted due to chemical or physical interference.
20607019 – One VOC diluted to bracket in calib range; Four SVOC diluted due to non-target background, SUs diluted out; Three Pest and Four Aro diluted to bracket in calibr range; Two Pests and one Aro diluted due to non-target background; Two Hg samples diluted to bracket in calibr range; Four metals diluted to bracket in calib range, two diluted due to chemical or physical interference;
206072021 – One VOC diluted to bracket in calib range, One VOC due to sample matrix; Five SVOCs diluted due to non-target background, SUs diluted out; Six metals diluted due to chem/phys interference

25. 206072006 – Four metals samples diluted for Zn only (2-10x), one for all metals (2x); Three Pest/Aroclor samples diluted 10x; One VOC diluted for isopropylbenzene only (50x), one for all VOCs (50x); Five SVOC samples diluted 5-20x

206072012 - Four metals samples diluted for Zn only (2-5x), three for all metals (2-5x); Five samples diluted for Pest/Aro (5-10x); Nine SVOC samples diluted (2-10x); two VOCs as med level for all TAs

206072019 - Four metals samples diluted for Zn only (2-10x), two for all metals (2-5x) plus two for Hg (2x); Five samples diluted for Pest/Aro (5-20x); Four SVOC samples diluted (10x); one VOCs diluted for 3 TAs (50x)

206072021 - Six metals samples diluted for all metals (2-5x); Two samples diluted for Pest/Aro (10x); Five SVOC samples diluted (5-10x); two VOCs samples diluted (50-500x)

28. All soils logged in before 7/31/06, and thus organics are reported in ug/L (blanks) and ug/kg (soils) and inorganics are reported in mg/L and mg/kg EXCEPT samples 20607201904, 20607202108, 20607202109, 20607202110, 20607202113, and 20607202114 for Pest/Aroclors and sample 20607202115 for Pests only (and accompanying QC), which were analyzed after 7/31/06 and thus have Results, SDLs, and SQLs that are in mg/kg. The user should note that the MDLs and MQLs are in ug/L and this is not accounted for in the Prep Factor or Dilution Factor. Additionally, the revised Aroclor Results, SDLs, and SQLs for samples SC2SB26-052-(1-2), SC6SB30-060-(1-2) and SD4SB34-068-(1-2) in work order 206112030 are in mg/kg.

COMMENTS (continued)

Four records in EDD (Endrin aldehyde and 4,4'-DDT for sample SB-502-(0-0.5), Endosulfan I for sample SJ1SB77-153-(0-0.5), Lindane for sample SG6SB59-118-(1-2)) have incorrect entry for Laboratory_Qualifiers. The reviewer confirmed correct entry in hardcopy and added to EDD in {}.

32. All analytes routinely spiked by lab are included as per QAPP. This is every TA except n-Butyl alcohol, Toxaphene, and the 5 middle Aroclors.

34. Only MS/MSD prepared using a sample of the same media (i.e., GW, ICWW SW, Pond SW, ICWW Sediment, OnSite Sediment, or Soil Borings) that are part of the same event (i.e., collected, shipped, and received at the same time) were used to assess data quality for a given set of samples. There are three sampling events for the Soil Borings and more than one MS/MSD per event. The validator chose the best MS/MSD to assess the data quality for a given sample by selecting the one with the most similarities per the following order:

Media/Event; Site Area (North or South of Marlin); Prep Batch; Level (VOC soils); Work Order; Grid Coordinate

Similarly, Field duplicates were chosen per following order:

Media/Event; Site Area; Work Order; Sample Depth

All trip blanks (which are all very similar generally only containing Methylene chloride) in the same Work Order were used to assess data quality for a given set of samples and all field/equipment blanks collected during the same event on the same date.

40. Completeness for all soil borings will be calculated and presented in the checklist for the third SB sampling event.

SET SUMMARY
Laboratory Job No.: 206072006, 206072012, 206072019, 206072021
plus Aroclor records for SC2SB26-052-(1-2), SC6SB30-060-(1-2) and SD4SB34-068-(1-2) in 206112030

81	Number of Field Samples including Field Duplicates (3)
4	Number of Field MS/MSD Pairs
0	Number of Equipment Rinsate Blanks
2	Number of Field Blanks
9	Number of VOC Trip Blanks
5	Number of Parameters (VOC, SVOC, Pesticides, Aroclors, Metals)
198	Number of Target Analytes per Sample
12370	Total Measurements for Field Samples (VOC only on 38 subsurface samples, only PCB on 4 samples, original and revised Aroclor results for 3 samples)
8161	Number of measurements with no validation qualifier (i.e., “none” in EDD)
2367	Number of measurements with UJ flag (for various analytes due to low laboratory spike, matrix spike and/or surrogate spike recovery; poor field precision between low-level values; poor calibration fit and/or negative drift)
127	Number of measurements with UJ flag and an elevated SDL (for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Acrolein, Aniline, Benzaldehyde, Chloroethane, n-Butyl alcohol, and n-Nitrosodimethylamine due to poor instrument response, i.e., low RRF)
48	Number of measurements with J- flag (for six Antimony detects due to extremely low matrix spike recovery plus various other analytes due to low laboratory spike, matrix spike and/or surrogate spike recovery; and/or negative calibration drift)
656	Number of measurements with J flag (due solely to result being between the SDL and SQL)
3	Number of measurements with J flag (due solely to result being above the calibration range)
754	Number of measurements with J flag (due to result being between the SDL and SQL plus extremely low matrix spike recovery for two Antimony detects or plus other various QC deficiencies for other analytes)
7	Number of measurements with J+ flag (for Isopropylbenzene (Cumene), n-Butyl alcohol, Aroclor-1254, Endosulfan I, and Dieldrin due to high matrix spike recovery, high surrogate spike recovery and/or positive calibration drift)
162	Number of measurements with U flag (due to blank contamination; analytes affected include 2-Butanone Acetone, Acetophenone, Benzo(g,h,i)perylene, Bis(2-Ethylhexyl)phthalate, Boron, Diethyl phthalate, Mercury, Methylene chloride, Naphthalene, and Silver)
21	Number of measurements with NS flag (for original Aroclor results for samples SC2SB26-052-(1-2), SC6SB30-060-(1-2) and SD4SB34-068-(1-2))
64	Number of measurements with R flag (for twenty-six non-detects for 2-Chloroethylvinyl ether due to extremely low MS/MSD recovery (0%) and thirty-eight non-detects for Antimony due to extremely low MS/MSD recovery (8-22.5%)

Usability: All data suitable as qualified for the intended use except for the 26 results for 2-Chloroethylvinyl ether and 38 results for Antimony. Data for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Acrolein, Aniline, Benzaldehyde, Chloroethane, n-Butyl alcohol, and n-Nitrosodimethylamine are usable with an elevated reporting limit for the non-detects (as given in the Electronic Data Deliverable). Measurements qualified with a U-flag should be considered not present at the concentration reported.

For Volatile Organics, the MS/MSD prepared using sample SF3SB45-090-(1-2) had 0% recovery for 2-Chloroethylvinyl ether. Extremely low recovery for organic MS/MSD does not require rejection of data. However, since the associated samples are considered to be of very similar matrix and there was no recovery in either the MS or MSD, the validator qualified all non-detects for 2-Chloroethylvinyl ether in the associated samples as rejected (R). This MS/MSD pair also has a high RPD (>40%) for forty-four of the target analytes, but the average recovery passes for all but four target analytes. This is due to the fact that the MS and MSD were prepared using different sample amounts and thus were spiked at different levels. (The RPD is calculated on the measured value.) Most of the affected analytes were not detected in the associated samples and thus minimal flagging resulted. Note that all individual recoveries (except for Acetone, for which the check was waived due to a high concentration in the parent sample and 2-Chloroethylvinyl ether, for which the recovery was 0% as noted above) in both the MS and MSD are 25% or greater, with most in the 60-140% range.

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SB2SB22-043-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SB2SB22-043-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SB2SB22-043-(0-0.5)	Beryllium	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	Iron	J	poor MS/MSD precision (53 RPD)
SB2SB22-043-(0-0.5)	Lead	J	poor MS/MSD precision (34 RPD); poor field precision (62 RPD)
SB2SB22-043-(0-0.5)	Lithium	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (67 RPD)
SB2SB22-043-(0-0.5)	Tin	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SB2SB22-043-(0-0.5)	4,4'-DDD	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SB2SB22-043-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SB2SB22-043-(0-0.5)	Endrin aldehyde	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SB2SB22-043-(0-0.5)	2-Methylnaphthalene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SB2SB22-043-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SB2SB22-043-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SB2SB22-043-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SB2SB22-043-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SB2SB22-043-(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)
SB2SB22-043-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SB2SB22-043-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SB2SB22-043-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SB2SB22-043-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL)
SB2SB22-043-(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SB2SB22-043-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SB2SB22-043-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg)
SB2SB22-043-(0-0.5)	Carbazole	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	Dibenzofuran	J	result is between SDL and SQL
SB2SB22-043-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SB2SB22-043-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SB2SB22-043-(0-0.5)	Indeno(1,2,3-cd)pyrene	J-	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%)
SB2SB22-043-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SB2SB22-043-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SB2SB22-043-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SB2SB22-043-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SB2SB22-043-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SB2SB22-044-(1-2)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SB2SB22-044-(1-2)	Barium	J	poor field precision (68 RPD)
SB2SB22-044-(1-2)	Iron	J	poor MS/MSD precision (53 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SB2SB22-044-(1-2)	Lead	J	poor MS/MSD precision (34 RPD)
SB2SB22-044-(1-2)	Molybdenum	J	result is between SDL and SQL
SB2SB22-044-(1-2)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (65 RPD)
SB2SB22-044-(1-2)	4,4'-DDD	J	result is between SDL and SQL
SB2SB22-044-(1-2)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SB2SB22-044-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SB2SB22-044-(1-2)	Endrin aldehyde	J	result is between SDL and SQL
SB2SB22-044-(1-2)	2-Butanone	U	laboratory blank contamination (1.05 J ug/Kg); poor calibration fit (%RSD=27); result is between SDL and SQL
SB2SB22-044-(1-2)	2-Chloroethylvinyl ether	UJ	calibration drift (%D= -63); low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (24.5%)
SB2SB22-044-(1-2)	Acetone	U	laboratory blank contamination (3.91 J ug/Kg); calibration drift (%D= 30); poor MS/MSD precision (49 RPD); poor field precision (difference > 3xSQL); result is between SDL and SQL
SB2SB22-044-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SB2SB22-044-(1-2)	Benzene	J	poor MS/MSD precision (42 RPD)
SB2SB22-044-(1-2)	Bromomethane	UJ	calibration drift (%D= -22)
SB2SB22-044-(1-2)	Chloromethane	UJ	calibration drift (%D= -26)
SB2SB22-044-(1-2)	Cyclohexane	J	poor MS/MSD precision (178 RPD); result is between SDL and SQL
SB2SB22-044-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (47.5%)
SB2SB22-044-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SB2SB22-044-(1-2)	Methylcyclohexane	J	result is between SDL and SQL
SB2SB22-044-(1-2)	Methylene chloride	UJ	calibration drift (%D= -26); low ave MS/MSD recovery (57%)
SB2SB22-044-(1-2)	o-Xylene	J	calibration drift (%D= 21); result is between SDL and SQL
SB2SB22-044-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -22)
SB2SB22-044-(1-2)	Xylene (total)	J	result is between SDL and SQL
SB2SB22-044-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SB2SB22-044-(1-2)	2-Methylnaphthalene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SB2SB22-044-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SB2SB22-044-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SB2SB22-044-(1-2)	4-Chloroaniline	J	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%); result is between SDL and SQL
SB2SB22-044-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SB2SB22-044-(1-2)	Acenaphthene	J	result is between SDL and SQL
SB2SB22-044-(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%)
SB2SB22-044-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SB2SB22-044-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SB2SB22-044-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20)
SB2SB22-044-(1-2)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SB2SB22-044-(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SB2SB22-044-(1-2)	Biphenyl	J	result is between SDL and SQL
SB2SB22-044-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SB2SB22-044-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L)
SB2SB22-044-(1-2)	Carbazole	J	result is between SDL and SQL
SB2SB22-044-(1-2)	Dibenzofuran	J	result is between SDL and SQL
SB2SB22-044-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SB2SB22-044-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SB2SB22-044-(1-2)	Indeno(1,2,3-cd)pyrene	J-	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%)
SB2SB22-044-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SB2SB22-044-(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SB2SB22-044-(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)
SB2SB22-044-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)
SB4SB24-047-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SB4SB24-047-(0-0.5)	Antimony	J-	extremely low ave MS/MSD recovery (8%)
SB4SB24-047-(0-0.5)	Beryllium	J	result is between SDL and SQL
SB4SB24-047-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (68%)
SB4SB24-047-(0-0.5)	Lead	J	poor field precision (62 RPD)
SB4SB24-047-(0-0.5)	Lithium	J	result is between SDL and SQL
SB4SB24-047-(0-0.5)	Molybdenum	J-	low ave MS/MSD recovery (67.5%)
SB4SB24-047-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SB4SB24-047-(0-0.5)	Tin	J	result is between SDL and SQL
SB4SB24-047-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SB4SB24-047-(0-0.5)	Mercury	U	laboratory blank contamination (0.0079 B mg/kg); result is between SDL and SQL
SB4SB24-047-(0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SB4SB24-047-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SB4SB24-047-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SB4SB24-047-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SB4SB24-047-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SB4SB24-047-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SB4SB24-047-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SB4SB24-047-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)
SB4SB24-047-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SB4SB24-047-(0-0.5)	Benzidine	UJ	calibration drift (%D= -66); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SB4SB24-047-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SB4SB24-047-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SB4SB24-047-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SB4SB24-047-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SB4SB24-047-(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SB4SB24-047-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SB4SB24-047-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SB4SB24-047-(0-0.5)	Chrysene	J	result is between SDL and SQL
SB4SB24-047-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SB4SB24-047-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SB4SB24-047-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SB4SB24-047-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SB4SB24-047-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SB4SB24-047-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SB4SB24-047-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SB4SB24-047-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SB4SB24-047-(0-0.5)	Pyrene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	Antimony	J-	extremely low ave MS/MSD recovery (8%)
SB4SB24-048-(1-2)	Barium	J	poor field precision (68 RPD)
SB4SB24-048-(1-2)	Boron	UJ	low ave MS/MSD recovery (68%)
SB4SB24-048-(1-2)	Molybdenum	J	low ave MS/MSD recovery (67.5%); result is between SDL and SQL
SB4SB24-048-(1-2)	Strontium	J	poor field precision (65 RPD)
SB4SB24-048-(1-2)	Tin	J	result is between SDL and SQL
SB4SB24-048-(1-2)	4,4'-DDD	J	result is between SDL and SQL
SB4SB24-048-(1-2)	4,4'-DDT	UJ	calibration drift column 1 (%D= -22), calibration drift column 2 (%D= -23); low ave MS/MSD recovery (52.5%)
SB4SB24-048-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SB4SB24-048-(1-2)	Endrin aldehyde	J	result is between SDL and SQL
SB4SB24-048-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SB4SB24-048-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	1,3,5-Trimethylbenzene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SB4SB24-048-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SB4SB24-048-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SB4SB24-048-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SB4SB24-048-(1-2)	Benzene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SB4SB24-048-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SB4SB24-048-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SB4SB24-048-(1-2)	Isopropylbenzene (Cumene)	J	result is between SDL and SQL
SB4SB24-048-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SB4SB24-048-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SB4SB24-048-(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SB4SB24-048-(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SB4SB24-048-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SB4SB24-048-(1-2)	n-Propylbenzene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	o-Xylene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	sec-Butylbenzene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	Tetrachloroethene	J	calibration drift (%D= 23); result is between SDL and SQL
SB4SB24-048-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SB4SB24-048-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SB4SB24-048-(1-2)	Xylene (total)	J	result is between SDL and SQL
SB4SB24-048-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SB4SB24-048-(1-2)	2-Methylnaphthalene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SB4SB24-048-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SB4SB24-048-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SB4SB24-048-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SB4SB24-048-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SB4SB24-048-(1-2)	Acenaphthylene	J	result is between SDL and SQL
SB4SB24-048-(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%)
SB4SB24-048-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SB4SB24-048-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SB4SB24-048-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20)
SB4SB24-048-(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SB4SB24-048-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SB4SB24-048-(1-2)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L)
SB4SB24-048-(1-2)	Carbazole	J	result is between SDL and SQL
SB4SB24-048-(1-2)	Dibenzofuran	J	result is between SDL and SQL
SB4SB24-048-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SB4SB24-048-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SB4SB24-048-(1-2)	Indeno(1,2,3-cd)pyrene	J-	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%)
SB4SB24-048-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SB4SB24-048-(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SB4SB24-048-(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)
SB4SB24-048-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)
SB-502-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SB-502-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SB-502-(0-0.5)	Beryllium	J	result is between SDL and SQL
SB-502-(0-0.5)	Boron	J	result is between SDL and SQL
SB-502-(0-0.5)	Iron	J	poor MS/MSD precision (53 RPD)
SB-502-(0-0.5)	Lead	J	poor MS/MSD precision (34 RPD); poor field precision (62 RPD)
SB-502-(0-0.5)	Lithium	J	result is between SDL and SQL
SB-502-(0-0.5)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (67 RPD)
SB-502-(0-0.5)	Tin	J	result is between SDL and SQL
SB-502-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SB-502-(0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%); (E-flag carried over from second column, hardcopy has U-flag for this result)
SB-502-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SB-502-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SB-502-(0-0.5)	2-Methylnaphthalene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SB-502-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SB-502-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SB-502-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SB-502-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SB-502-(0-0.5)	Acenaphthene	J	result is between SDL and SQL
SB-502-(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SB-502-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SB-502-(0-0.5)	Anthracene	J	result is between SDL and SQL
SB-502-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SB-502-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SB-502-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SB-502-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL)
SB-502-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SB-502-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SB-502-(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SB-502-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SB-502-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SB-502-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SB-502-(0-0.5)	Carbazole	J	result is between SDL and SQL
SB-502-(0-0.5)	Chrysene	J	result is between SDL and SQL
SB-502-(0-0.5)	Dibenzofuran	J	result is between SDL and SQL
SB-502-(0-0.5)	Fluorene	J	result is between SDL and SQL
SB-502-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SB-502-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SB-502-(0-0.5)	Indeno(1,2,3-cd)pyrene	J-	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%)
SB-502-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SB-502-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SB-502-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SB-502-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SB-502-(0-0.5)	Pyrene	J	result is between SDL and SQL
SB-502-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SB-504 (0-0.5)	Aluminum	J	poor field precision (55 RPD)
SB-504 (0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SB-504 (0-0.5)	Arsenic	J	result is between SDL and SQL
SB-504 (0-0.5)	Beryllium	J	result is between SDL and SQL
SB-504 (0-0.5)	Boron	U	laboratory blank contamination (1.45 B mg/kg); low ave MS/MSD recovery (65%); result is between SDL and SQL
SB-504 (0-0.5)	Lead	J	poor field precision (62 RPD)
SB-504 (0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SB-504 (0-0.5)	Molybdenum	J	result is between SDL and SQL
SB-504 (0-0.5)	Strontium	J	poor field precision (67 RPD)
SB-504 (0-0.5)	Tin	J	result is between SDL and SQL
SB-504 (0-0.5)	Zinc	J	poor field precision (92 RPD)
SB-504 (0-0.5)	4,4'-DDT	J	calibration drift column 1 (%D= -21), calibration drift column 2 (%D= -24); poor MS/MSD precision (60 RPD); result is between SDL and SQL
SB-504 (0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SB-504 (0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SB-504 (0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SB-504 (0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SB-504 (0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SB-504 (0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SB-504 (0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SB-504 (0-0.5)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SB-504 (0-0.5)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SB-504 (0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SB-504 (0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SB-504 (0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27)
SB-504 (0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SB-504 (0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=27); poor field precision (difference > 3xSQL)
SB-504 (0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SB-504 (0-0.5)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SB-504 (0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SB-504 (0-0.5)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SB-504 (0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SB-504 (0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SB-504 (0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SB-504 (0-0.5)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SB-504 (0-0.5)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SB-504 (0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SB-504 (0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SB-504 (0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SB-504 (0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SB-504 (0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SB-504 (0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SB-504 (0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SB-504 (0-0.5)	Phenanthrene	J	poor field precision (117 RPD); result is between SDL and SQL
SB-504 (0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SB-505-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SB-505-(1-2)	Barium	J	poor field precision (68 RPD)
SB-505-(1-2)	Boron	J-	low ave MS/MSD recovery (65%)
SB-505-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SB-505-(1-2)	Molybdenum	J	result is between SDL and SQL
SB-505-(1-2)	Strontium	J	poor field precision (65 RPD)
SB-505-(1-2)	Mercury	J	result is between SDL and SQL
SB-505-(1-2)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SB-505-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SB-505-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SB-505-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SB-505-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD)
SB-505-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SB-505-(1-2)	Acetone	J	poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SB-505-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SB-505-(1-2)	Benzene	J	result is between SDL and SQL
SB-505-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SB-505-(1-2)	Carbon disulfide	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SB-505-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SB-505-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SB-505-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SB-505-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SB-505-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SB-505-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SB-505-(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SB-505-(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SB-505-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SB-505-(1-2)	o-Xylene	J	result is between SDL and SQL
SB-505-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SB-505-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SB-505-(1-2)	Xylene (total)	J	result is between SDL and SQL
SB-505-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SB-505-(1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SB-505-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SB-505-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SB-505-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SB-505-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SB-505-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SB-505-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SB-505-(1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SB-505-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26)
SB-505-(1-2)	Benzo(k)fluoranthene	UJ	low ave LCS/LCSD recovery (55%)
SB-505-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SB-505-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SB-505-(1-2)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SB-505-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SB-505-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SB-505-(1-2)	Indeno(1,2,3-cd)pyrene	UJ	low ave MS/MSD recovery (59.5%)
SB-505-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SB-505-(1-2)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SB-505-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SC2SB26-051-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SC2SB26-051-(0-0.5)	Antimony	J-	extremely low ave MS/MSD recovery (8%)
SC2SB26-051-(0-0.5)	Beryllium	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC2SB26-051-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (68%)
SC2SB26-051-(0-0.5)	Lead	J	poor field precision (62 RPD)
SC2SB26-051-(0-0.5)	Molybdenum	J-	low ave MS/MSD recovery (67.5%)
SC2SB26-051-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SC2SB26-051-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SC2SB26-051-(0-0.5)	4,4'-DDT	J	low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD)
SC2SB26-051-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SC2SB26-051-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SC2SB26-051-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SC2SB26-051-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SC2SB26-051-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SC2SB26-051-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SC2SB26-051-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SC2SB26-051-(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SC2SB26-051-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)
SC2SB26-051-(0-0.5)	Anthracene	J	result is between SDL and SQL
SC2SB26-051-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SC2SB26-051-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SC2SB26-051-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SC2SB26-051-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL)
SC2SB26-051-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SC2SB26-051-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SC2SB26-051-(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SC2SB26-051-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SC2SB26-051-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SC2SB26-051-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SC2SB26-051-(0-0.5)	Chrysene	J	result is between SDL and SQL
SC2SB26-051-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SC2SB26-051-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SC2SB26-051-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SC2SB26-051-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SC2SB26-051-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SC2SB26-051-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SC2SB26-051-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SC2SB26-051-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SC2SB26-051-(0-0.5)	Pyrene	J	result is between SDL and SQL
SC2SB26-051-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SC2SB26-052-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (8%)
SC2SB26-052-(1-2)	Barium	J	poor field precision (68 RPD)
SC2SB26-052-(1-2)	Beryllium	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Boron	J	low ave MS/MSD recovery (68%); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC2SB26-052-(1-2)	Cobalt	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Lithium	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Molybdenum	UJ	low ave MS/MSD recovery (67.5%)
SC2SB26-052-(1-2)	Nickel	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Silver	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Strontium	J	poor field precision (65 RPD)
SC2SB26-052-(1-2)	Mercury	U	laboratory blank contamination (0.0079 B mg/kg)
SC2SB26-052-(1-2)	4,4'-DDD	J	result is between SDL and SQL
SC2SB26-052-(1-2)	4,4'-DDT	J	low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD)
SC2SB26-052-(1-2)	Dieldrin	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SC2SB26-052-(1-2)	Endrin aldehyde	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Endrin ketone	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Aroclor-1016	NS	revised value reported by laboratory under work order 206112030
SC2SB26-052-(1-2)	Aroclor-1221	NS	revised value reported by laboratory under work order 206112030
SC2SB26-052-(1-2)	Aroclor-1232	NS	revised value reported by laboratory under work order 206112030
SC2SB26-052-(1-2)	Aroclor-1242	NS	revised value reported by laboratory under work order 206112030
SC2SB26-052-(1-2)	Aroclor-1248	NS	revised value reported by laboratory under work order 206112030
SC2SB26-052-(1-2)	Aroclor-1254	NS	revised value reported by laboratory under work order 206112030
SC2SB26-052-(1-2)	Aroclor-1260	NS	revised value reported by laboratory under work order 206112030
SC2SB26-052-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SC2SB26-052-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	1,3,5-Trimethylbenzene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SC2SB26-052-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SC2SB26-052-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SC2SB26-052-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SC2SB26-052-(1-2)	Benzene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SC2SB26-052-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SC2SB26-052-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SC2SB26-052-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SC2SB26-052-(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SC2SB26-052-(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SC2SB26-052-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SC2SB26-052-(1-2)	o-Xylene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SC2SB26-052-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SC2SB26-052-(1-2)	Xylene (total)	J	result is between SDL and SQL
SC2SB26-052-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SC2SB26-052-(1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SC2SB26-052-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC2SB26-052-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SC2SB26-052-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SC2SB26-052-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SC2SB26-052-(1-2)	Acenaphthylene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%)
SC2SB26-052-(1-2)	Anthracene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SC2SB26-052-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SC2SB26-052-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20)
SC2SB26-052-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SC2SB26-052-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SC2SB26-052-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SC2SB26-052-(1-2)	Carbazole	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Chrysene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Fluoranthene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SC2SB26-052-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SC2SB26-052-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SC2SB26-052-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SC2SB26-052-(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SC2SB26-052-(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)
SC2SB26-052-(1-2)	Pyrene	J	result is between SDL and SQL
SC2SB26-052-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)
SC3SB27-053-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SC3SB27-053-(0-0.5)	Antimony	J-	extremely low ave MS/MSD recovery (8%)
SC3SB27-053-(0-0.5)	Beryllium	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (68%)
SC3SB27-053-(0-0.5)	Lead	J	poor field precision (62 RPD)
SC3SB27-053-(0-0.5)	Lithium	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Molybdenum	J-	low ave MS/MSD recovery (67.5%)
SC3SB27-053-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SC3SB27-053-(0-0.5)	Tin	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SC3SB27-053-(0-0.5)	Mercury	U	laboratory blank contamination (0.0079 B mg/kg)
SC3SB27-053-(0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SC3SB27-053-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SC3SB27-053-(0-0.5)	Endosulfan sulfate	UJ	calibration drift column 1 (%D= -24), calibration drift column 2 (%D= -18)
SC3SB27-053-(0-0.5)	Endrin ketone	J-	calibration drift column 1 (%D= -20)
SC3SB27-053-(0-0.5)	Aroclor-1254	J+	high SU recovery (175%)
SC3SB27-053-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SC3SB27-053-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC3SB27-053-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SC3SB27-053-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SC3SB27-053-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SC3SB27-053-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SC3SB27-053-(0-0.5)	Acenaphthene	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SC3SB27-053-(0-0.5)	Anthracene	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SC3SB27-053-(0-0.5)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SC3SB27-053-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SC3SB27-053-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SC3SB27-053-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Benzo(k)fluoranthene	J	low ave LCS/LCSD recovery (55%); result is between SDL and SQL
SC3SB27-053-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SC3SB27-053-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SC3SB27-053-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L)
SC3SB27-053-(0-0.5)	Carbazole	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Chrysene	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Fluorene	J	result is between SDL and SQL
SC3SB27-053-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SC3SB27-053-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SC3SB27-053-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SC3SB27-053-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SC3SB27-053-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SC3SB27-053-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SC3SB27-053-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SC3SB27-053-(0-0.5)	Pyrene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (8%)
SC3SB27-054-(1-2)	Arsenic	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Barium	J	poor field precision (68 RPD)
SC3SB27-054-(1-2)	Beryllium	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Boron	J	low ave MS/MSD recovery (68%); result is between SDL and SQL
SC3SB27-054-(1-2)	Molybdenum	J	low ave MS/MSD recovery (67.5%); result is between SDL and SQL
SC3SB27-054-(1-2)	Strontium	J	poor field precision (65 RPD)
SC3SB27-054-(1-2)	Tin	J	result is between SDL and SQL
SC3SB27-054-(1-2)	4,4'-DDD	J	result is between SDL and SQL
SC3SB27-054-(1-2)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SC3SB27-054-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SC3SB27-054-(1-2)	Endosulfan sulfate	UJ	calibration drift column 1 (%D= -24), calibration drift column 2 (%D= -18)
SC3SB27-054-(1-2)	Methoxychlor	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC3SB27-054-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SC3SB27-054-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	1,3,5-Trimethylbenzene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD)
SC3SB27-054-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SC3SB27-054-(1-2)	Acetone	J	poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SC3SB27-054-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SC3SB27-054-(1-2)	Benzene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SC3SB27-054-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SC3SB27-054-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SC3SB27-054-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SC3SB27-054-(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SC3SB27-054-(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD)
SC3SB27-054-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SC3SB27-054-(1-2)	n-Propylbenzene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	o-Xylene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SC3SB27-054-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SC3SB27-054-(1-2)	Xylene (total)	J	result is between SDL and SQL
SC3SB27-054-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SC3SB27-054-(1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SC3SB27-054-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SC3SB27-054-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SC3SB27-054-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SC3SB27-054-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SC3SB27-054-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SC3SB27-054-(1-2)	Anthracene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SC3SB27-054-(1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SC3SB27-054-(1-2)	Benzo(a)anthracene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); result is between SDL and SQL
SC3SB27-054-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Benzo(k)fluoranthene	UJ	low ave LCS/LCSD recovery (55%)
SC3SB27-054-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SC3SB27-054-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SC3SB27-054-(1-2)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SC3SB27-054-(1-2)	Chrysene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Fluoranthene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC3SB27-054-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SC3SB27-054-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SC3SB27-054-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SC3SB27-054-(1-2)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SC3SB27-054-(1-2)	Phenanthrene	J	result is between SDL and SQL
SC3SB27-054-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SC3SB27-054-(1-2)	Pyrene	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SC5SB29-057-(0-0.5)	Antimony	J	extremely low ave MS/MSD recovery (8%); result is between SDL and SQL
SC5SB29-057-(0-0.5)	Beryllium	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (68%)
SC5SB29-057-(0-0.5)	Lead	J	poor field precision (62 RPD)
SC5SB29-057-(0-0.5)	Lithium	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Molybdenum	J	low ave MS/MSD recovery (67.5%); result is between SDL and SQL
SC5SB29-057-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SC5SB29-057-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SC5SB29-057-(0-0.5)	Mercury	U	laboratory blank contamination (0.0079 B mg/kg)
SC5SB29-057-(0-0.5)	4,4'-DDT	J	low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD)
SC5SB29-057-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SC5SB29-057-(0-0.5)	Endosulfan sulfate	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SC5SB29-057-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SC5SB29-057-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SC5SB29-057-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SC5SB29-057-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SC5SB29-057-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SC5SB29-057-(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)
SC5SB29-057-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SC5SB29-057-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SC5SB29-057-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SC5SB29-057-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL); result is between SDL and SQL
SC5SB29-057-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SC5SB29-057-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SC5SB29-057-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SC5SB29-057-(0-0.5)	Chrysene	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC5SB29-057-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SC5SB29-057-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SC5SB29-057-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SC5SB29-057-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SC5SB29-057-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD); result is between SDL and SQL
SC5SB29-057-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SC5SB29-057-(0-0.5)	Pyrene	J	result is between SDL and SQL
SC5SB29-057-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SC5SB29-058-(1-2)	Antimony	J	extremely low ave MS/MSD recovery (8%); result is between SDL and SQL
SC5SB29-058-(1-2)	Barium	J	poor field precision (68 RPD)
SC5SB29-058-(1-2)	Boron	U	field blank contamination (0.016 B mg/L); low ave MS/MSD recovery (68%); result is between SDL and SQL
SC5SB29-058-(1-2)	Molybdenum	UJ	low ave MS/MSD recovery (67.5%)
SC5SB29-058-(1-2)	Strontium	J	poor field precision (65 RPD)
SC5SB29-058-(1-2)	Mercury	U	laboratory blank contamination (0.0079 B mg/kg)
SC5SB29-058-(1-2)	4,4'-DDT	J	low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD)
SC5SB29-058-(1-2)	Dieldrin	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SC5SB29-058-(1-2)	Endrin aldehyde	J	result is between SDL and SQL
SC5SB29-058-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SC5SB29-058-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SC5SB29-058-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SC5SB29-058-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SC5SB29-058-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SC5SB29-058-(1-2)	Benzene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SC5SB29-058-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SC5SB29-058-(1-2)	Cyclohexane	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SC5SB29-058-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SC5SB29-058-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SC5SB29-058-(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SC5SB29-058-(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SC5SB29-058-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SC5SB29-058-(1-2)	o-Xylene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SC5SB29-058-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SC5SB29-058-(1-2)	Xylene (total)	J	result is between SDL and SQL
SC5SB29-058-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SC5SB29-058-(1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC5SB29-058-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SC5SB29-058-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SC5SB29-058-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SC5SB29-058-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SC5SB29-058-(1-2)	Acenaphthylene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%)
SC5SB29-058-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SC5SB29-058-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SC5SB29-058-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); result is between SDL and SQL
SC5SB29-058-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SC5SB29-058-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SC5SB29-058-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SC5SB29-058-(1-2)	Chrysene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Dibenz(a,h)anthracene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Fluoranthene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SC5SB29-058-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SC5SB29-058-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SC5SB29-058-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SC5SB29-058-(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SC5SB29-058-(1-2)	Phenanthrene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)
SC5SB29-058-(1-2)	Pyrene	J	result is between SDL and SQL
SC5SB29-058-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)
SC6SB30-059-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SC6SB30-059-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SC6SB30-059-(0-0.5)	Beryllium	J	result is between SDL and SQL
SC6SB30-059-(0-0.5)	Boron	U	laboratory blank contamination (1.45 B mg/kg); low ave MS/MSD recovery (65%)
SC6SB30-059-(0-0.5)	Cadmium	J	result is between SDL and SQL
SC6SB30-059-(0-0.5)	Lead	J	poor field precision (62 RPD)
SC6SB30-059-(0-0.5)	Lithium	J	result is between SDL and SQL
SC6SB30-059-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SC6SB30-059-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SC6SB30-059-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SC6SB30-059-(0-0.5)	4,4'-DDE	J	high ave MS/MSD recovery (257.5%); poor MS/MSD precision (161 RPD)
SC6SB30-059-(0-0.5)	4,4'-DDT	J	calibration drift column 1 (%D= -21), calibration drift column 2 (%D= -24); poor MS/MSD precision (60 RPD)
SC6SB30-059-(0-0.5)	Endosulfan I	J+	high ave MS/MSD recovery (267%)
SC6SB30-059-(0-0.5)	Endrin aldehyde	J	poor MS/MSD precision (72 RPD); result is between SDL and SQL
SC6SB30-059-(0-0.5)	Endrin ketone	J	high ave MS/MSD recovery (949.5%); poor MS/MSD precision (60 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC6SB30-059-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SC6SB30-059-(0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SC6SB30-059-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SC6SB30-059-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SC6SB30-059-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SC6SB30-059-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SC6SB30-059-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SC6SB30-059-(0-0.5)	Acenaphthene	J	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%); result is between SDL and SQL
SC6SB30-059-(0-0.5)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SC6SB30-059-(0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SC6SB30-059-(0-0.5)	Anthracene	J	result is between SDL and SQL
SC6SB30-059-(0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SC6SB30-059-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27)
SC6SB30-059-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SC6SB30-059-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); poor field precision (difference > 3xSQL)
SC6SB30-059-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SC6SB30-059-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SC6SB30-059-(0-0.5)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SC6SB30-059-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SC6SB30-059-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L)
SC6SB30-059-(0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SC6SB30-059-(0-0.5)	Carbazole	J	result is between SDL and SQL
SC6SB30-059-(0-0.5)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SC6SB30-059-(0-0.5)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SC6SB30-059-(0-0.5)	Di-n-butyl phthalate	J	result is between SDL and SQL
SC6SB30-059-(0-0.5)	Fluoranthene	J	poor MS/MSD precision (65 RPD)
SC6SB30-059-(0-0.5)	Fluorene	J	low ave LCS/LCSD recovery (58.5%); result is between SDL and SQL
SC6SB30-059-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SC6SB30-059-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SC6SB30-059-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD)
SC6SB30-059-(0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SC6SB30-059-(0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SC6SB30-059-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SC6SB30-059-(0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SC6SB30-059-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SC6SB30-059-(0-0.5)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SC6SB30-059-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SC6SB30-060-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SC6SB30-060-(1-2)	Barium	J	poor field precision (68 RPD)
SC6SB30-060-(1-2)	Beryllium	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC6SB30-060-(1-2)	Boron	UJ	low ave MS/MSD recovery (65%)
SC6SB30-060-(1-2)	Cobalt	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Copper	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Lithium	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SC6SB30-060-(1-2)	Molybdenum	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Nickel	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Silver	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Strontium	J	poor field precision (65 RPD)
SC6SB30-060-(1-2)	Titanium	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Mercury	J	result is between SDL and SQL
SC6SB30-060-(1-2)	4,4'-DDT	J	poor MS/MSD precision (60 RPD)
SC6SB30-060-(1-2)	Dieldrin	J	high ave MS/MSD recovery (193%); result is between SDL and SQL
SC6SB30-060-(1-2)	Endrin	J	high ave MS/MSD recovery (1150%); poor MS/MSD precision (46 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	Endrin ketone	J	high ave MS/MSD recovery (949.5%); poor MS/MSD precision (60 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	gamma-Chlordane	J	high ave MS/MSD recovery (466%); poor MS/MSD precision (60 RPD)
SC6SB30-060-(1-2)	Aroclor-1016	NS	revised value reported by laboratory under work order 206112030
SC6SB30-060-(1-2)	Aroclor-1221	NS	revised value reported by laboratory under work order 206112030
SC6SB30-060-(1-2)	Aroclor-1232	NS	revised value reported by laboratory under work order 206112030
SC6SB30-060-(1-2)	Aroclor-1242	NS	revised value reported by laboratory under work order 206112030
SC6SB30-060-(1-2)	Aroclor-1248	NS	revised value reported by laboratory under work order 206112030
SC6SB30-060-(1-2)	Aroclor-1254	NS	revised value reported by laboratory under work order 206112030
SC6SB30-060-(1-2)	Aroclor-1260	NS	revised value reported by laboratory under work order 206112030
SC6SB30-060-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SC6SB30-060-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SC6SB30-060-(1-2)	Acetone	U	field blank contamination (3.26 J ug/L); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL); result is between SDL and SQL
SC6SB30-060-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SC6SB30-060-(1-2)	Benzene	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SC6SB30-060-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SC6SB30-060-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SC6SB30-060-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SC6SB30-060-(1-2)	Methylene chloride	U	laboratory blank contamination (1.84 J ug/Kg); trip blank contamination (1.88 JB ug/L); calibration drift (%D= -31); poor MS/MSD precision (54 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SC6SB30-060-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SC6SB30-060-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SC6SB30-060-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SC6SB30-060-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SC6SB30-060-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC6SB30-060-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SC6SB30-060-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SC6SB30-060-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SC6SB30-060-(1-2)	Acenaphthene	J	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%); result is between SDL and SQL
SC6SB30-060-(1-2)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SC6SB30-060-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SC6SB30-060-(1-2)	Anthracene	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SC6SB30-060-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SC6SB30-060-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27)
SC6SB30-060-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SC6SB30-060-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SC6SB30-060-(1-2)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SC6SB30-060-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SC6SB30-060-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SC6SB30-060-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SC6SB30-060-(1-2)	Carbazole	J	result is between SDL and SQL
SC6SB30-060-(1-2)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SC6SB30-060-(1-2)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	Fluorene	J	low ave LCS/LCSD recovery (58.5%); result is between SDL and SQL
SC6SB30-060-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SC6SB30-060-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SC6SB30-060-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SC6SB30-060-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SC6SB30-060-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SC6SB30-060-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SC6SB30-060-(1-2)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SC6SB30-060-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SD4SB34-067-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SD4SB34-067-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SD4SB34-067-(0-0.5)	Boron	J-	low ave MS/MSD recovery (65%)
SD4SB34-067-(0-0.5)	Cadmium	J	result is between SDL and SQL
SD4SB34-067-(0-0.5)	Lead	J	poor field precision (62 RPD)
SD4SB34-067-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SD4SB34-067-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SD4SB34-067-(0-0.5)	Tin	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SD4SB34-067-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SD4SB34-067-(0-0.5)	4,4'-DDT	J	calibration drift column 1 (%D= -21), calibration drift column 2 (%D= -24); poor MS/MSD precision (60 RPD); result is between SDL and SQL
SD4SB34-067-(0-0.5)	alpha-Chlordane	J	result is between SDL and SQL
SD4SB34-067-(0-0.5)	Dieldrin	J	high ave MS/MSD recovery (193%); result is between SDL and SQL
SD4SB34-067-(0-0.5)	Endrin ketone	J	high ave MS/MSD recovery (949.5%); poor MS/MSD precision (60 RPD); result is between SDL and SQL
SD4SB34-067-(0-0.5)	gamma-Chlordane	J	high ave MS/MSD recovery (466%); poor MS/MSD precision (60 RPD); result is between SDL and SQL
SD4SB34-067-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SD4SB34-067-(0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SD4SB34-067-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SD4SB34-067-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SD4SB34-067-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SD4SB34-067-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SD4SB34-067-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SD4SB34-067-(0-0.5)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SD4SB34-067-(0-0.5)	Acenaphthylene	J-	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SD4SB34-067-(0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SD4SB34-067-(0-0.5)	Anthracene	J	result is between SDL and SQL
SD4SB34-067-(0-0.5)	Atrazine (Aatrex)	J	result is between SDL and SQL
SD4SB34-067-(0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SD4SB34-067-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27)
SD4SB34-067-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SD4SB34-067-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); poor field precision (difference > 3xSQL)
SD4SB34-067-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SD4SB34-067-(0-0.5)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SD4SB34-067-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SD4SB34-067-(0-0.5)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SD4SB34-067-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SD4SB34-067-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SD4SB34-067-(0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SD4SB34-067-(0-0.5)	Carbazole	J	result is between SDL and SQL
SD4SB34-067-(0-0.5)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SD4SB34-067-(0-0.5)	Dibenz(a,h)anthracene	J	result is between SDL and SQL
SD4SB34-067-(0-0.5)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SD4SB34-067-(0-0.5)	Di-n-butyl phthalate	J	result is between SDL and SQL
SD4SB34-067-(0-0.5)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SD4SB34-067-(0-0.5)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SD4SB34-067-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SD4SB34-067-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SD4SB34-067-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SD4SB34-067-(0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SD4SB34-067-(0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SD4SB34-067-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SD4SB34-067-(0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SD4SB34-067-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SD4SB34-067-(0-0.5)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SD4SB34-067-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SD4SB34-068-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SD4SB34-068-(1-2)	Arsenic	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Barium	J	poor field precision (68 RPD)
SD4SB34-068-(1-2)	Beryllium	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Boron	U	laboratory blank contamination (1.45 B mg/kg); low ave MS/MSD recovery (65%); result is between SDL and SQL
SD4SB34-068-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SD4SB34-068-(1-2)	Molybdenum	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Strontium	J	poor field precision (65 RPD)
SD4SB34-068-(1-2)	Tin	J	result is between SDL and SQL
SD4SB34-068-(1-2)	4,4'-DDT	J	poor MS/MSD precision (60 RPD)
SD4SB34-068-(1-2)	Aldrin	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Dieldrin	J+	high ave MS/MSD recovery (193%)
SD4SB34-068-(1-2)	Endosulfan sulfate	UJ	calibration drift column 1 (%D= -19), calibration drift column 2 (%D= -16)
SD4SB34-068-(1-2)	Endrin ketone	J	calibration drift column 1 (%D= -18), calibration drift column 2 (%D= -17); high ave MS/MSD recovery (949.5%); poor MS/MSD precision (60 RPD)
SD4SB34-068-(1-2)	Aroclor-1016	NS	revised value reported by laboratory under work order 206112030
SD4SB34-068-(1-2)	Aroclor-1221	NS	revised value reported by laboratory under work order 206112030
SD4SB34-068-(1-2)	Aroclor-1232	NS	revised value reported by laboratory under work order 206112030
SD4SB34-068-(1-2)	Aroclor-1242	NS	revised value reported by laboratory under work order 206112030
SD4SB34-068-(1-2)	Aroclor-1248	NS	revised value reported by laboratory under work order 206112030
SD4SB34-068-(1-2)	Aroclor-1254	NS	revised value reported by laboratory under work order 206112030
SD4SB34-068-(1-2)PCB	Aroclor-1254	J	result is above the calibration range
SD4SB34-068-(1-2)	Aroclor-1260	NS	revised value reported by laboratory under work order 206112030
SD4SB34-068-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SD4SB34-068-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SD4SB34-068-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); calibration drift (%D= -23); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD)
SD4SB34-068-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%)
SD4SB34-068-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SD4SB34-068-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SD4SB34-068-(1-2)	Benzene	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Carbon disulfide	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SD4SB34-068-(1-2)	Chloromethane	UJ	calibration drift (%D= -30)
SD4SB34-068-(1-2)	Cyclohexane	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SD4SB34-068-(1-2)	Isopropylbenzene (Cumene)	J	result is between SDL and SQL
SD4SB34-068-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Methylene chloride	U	laboratory blank contamination (2.07 J ug/Kg); trip blank contamination (1.88 JB ug/L); poor MS/MSD precision (54 RPD); result is between SDL and SQL
SD4SB34-068-(1-2)	Naphthalene	U	laboratory blank contamination (3.36 J ug/Kg); poor MS/MSD precision (48 RPD)
SD4SB34-068-(1-2)	o-Xylene	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Styrene	J	poor MS/MSD precision (97 RPD); result is between SDL and SQL
SD4SB34-068-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SD4SB34-068-(1-2)	Xylene (total)	J	result is between SDL and SQL
SD4SB34-068-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SD4SB34-068-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SD4SB34-068-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SD4SB34-068-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SD4SB34-068-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SD4SB34-068-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SD4SB34-068-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SD4SB34-068-(1-2)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SD4SB34-068-(1-2)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SD4SB34-068-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SD4SB34-068-(1-2)	Anthracene	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SD4SB34-068-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SD4SB34-068-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27)
SD4SB34-068-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SD4SB34-068-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SD4SB34-068-(1-2)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SD4SB34-068-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SD4SB34-068-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SD4SB34-068-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SD4SB34-068-(1-2)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SD4SB34-068-(1-2)	Dibenz(a,h)anthracene	J	result is between SDL and SQL
SD4SB34-068-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SD4SB34-068-(1-2)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SD4SB34-068-(1-2)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SD4SB34-068-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SD4SB34-068-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SD4SB34-068-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SD4SB34-068-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SD4SB34-068-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SD4SB34-068-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SD4SB34-068-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SD4SB34-068-(1-2)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SD4SB34-068-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SD5SB35-069-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SD5SB35-069-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SD5SB35-069-(0-0.5)	Beryllium	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Boron	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Iron	J	poor MS/MSD precision (53 RPD)
SD5SB35-069-(0-0.5)	Lead	J	poor MS/MSD precision (34 RPD); poor field precision (62 RPD)
SD5SB35-069-(0-0.5)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (67 RPD)
SD5SB35-069-(0-0.5)	Tin	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SD5SB35-069-(0-0.5)	Mercury	U	laboratory blank contamination (0.0066 B mg/kg); result is between SDL and SQL
SD5SB35-069-(0-0.5)	4,4'-DDE	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	4,4'-DDT	J	low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD)
SD5SB35-069-(0-0.5)	Dieldrin	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SD5SB35-069-(0-0.5)	Endrin aldehyde	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Endrin ketone	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SD5SB35-069-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SD5SB35-069-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SD5SB35-069-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SD5SB35-069-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SD5SB35-069-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)
SD5SB35-069-(0-0.5)	Anthracene	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SD5SB35-069-(0-0.5)	Benzidine	UJ	calibration drift (%D= -66); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SD5SB35-069-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SD5SB35-069-(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SD5SB35-069-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SD5SB35-069-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SD5SB35-069-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SD5SB35-069-(0-0.5)	Chrysene	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SD5SB35-069-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SD5SB35-069-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SD5SB35-069-(0-0.5)	Indeno(1,2,3-cd)pyrene	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SD5SB35-069-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SD5SB35-069-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SD5SB35-069-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SD5SB35-069-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SD5SB35-069-(0-0.5)	Pyrene	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SD5SB35-070-(1-2)	Arsenic	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Barium	J	poor field precision (68 RPD)
SD5SB35-070-(1-2)	Beryllium	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Cadmium	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Iron	J	poor MS/MSD precision (53 RPD)
SD5SB35-070-(1-2)	Lead	J	poor MS/MSD precision (34 RPD)
SD5SB35-070-(1-2)	Molybdenum	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (65 RPD)
SD5SB35-070-(1-2)	Tin	J	result is between SDL and SQL
SD5SB35-070-(1-2)	4,4'-DDD	J	result is between SDL and SQL
SD5SB35-070-(1-2)	4,4'-DDT	J	poor MS/MSD precision (60 RPD)
SD5SB35-070-(1-2)	Endrin aldehyde	J	poor MS/MSD precision (72 RPD)
SD5SB35-070-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27)
SD5SB35-070-(1-2)	2-Chloroethylvinyl ether	UJ	calibration drift (%D= -53); low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (24.5%)
SD5SB35-070-(1-2)	Acetone	J	poor MS/MSD precision (49 RPD); poor field precision (difference > 3xSQL); result is above calibration range
SD5SB35-070-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SD5SB35-070-(1-2)	Benzene	J	poor MS/MSD precision (42 RPD); result is between SDL and SQL
SD5SB35-070-(1-2)	Bromomethane	UJ	calibration drift (%D= -47)
SD5SB35-070-(1-2)	Chloromethane	UJ	calibration drift (%D= -43)
SD5SB35-070-(1-2)	Cyclohexane	J	poor MS/MSD precision (178 RPD)
SD5SB35-070-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (47.5%)
SD5SB35-070-(1-2)	m,p-Xylene	J	calibration drift (%D= 21); result is between SDL and SQL
SD5SB35-070-(1-2)	Methylene chloride	U	laboratory blank contamination (1.18 J ug/Kg); trip blank contamination (3.06 JB ug/L); low ave MS/MSD recovery (57%); result is between SDL and SQL
SD5SB35-070-(1-2)	Toluene	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Xylene (total)	J	calibration drift (%D= 22); result is between SDL and SQL
SD5SB35-070-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SD5SB35-070-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SD5SB35-070-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SD5SB35-070-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SD5SB35-070-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SD5SB35-070-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SD5SB35-070-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SD5SB35-070-(1-2)	Acenaphthene	J	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%); result is between SDL and SQL
SD5SB35-070-(1-2)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SD5SB35-070-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SD5SB35-070-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SD5SB35-070-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SD5SB35-070-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27)
SD5SB35-070-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Benzo(k)fluoranthene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SD5SB35-070-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SD5SB35-070-(1-2)	Biphenyl	J	low ave MS/MSD recovery (57%); result is between SDL and SQL
SD5SB35-070-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SD5SB35-070-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SD5SB35-070-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SD5SB35-070-(1-2)	Carbazole	J	result is between SDL and SQL
SD5SB35-070-(1-2)	Chrysene	J	poor MS/MSD precision (44 RPD)
SD5SB35-070-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SD5SB35-070-(1-2)	Fluoranthene	J	poor MS/MSD precision (65 RPD)
SD5SB35-070-(1-2)	Fluorene	J	low ave LCS/LCSD recovery (58.5%); result is between SDL and SQL
SD5SB35-070-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SD5SB35-070-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SD5SB35-070-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SD5SB35-070-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SD5SB35-070-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SD5SB35-070-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SD5SB35-070-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SD5SB35-070-(1-2)	Pyrene	J	poor MS/MSD precision (48 RPD)
SD5SB35-070-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SD6SB36-071-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SD6SB36-071-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SD6SB36-071-(0-0.5)	Beryllium	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Boron	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Iron	J	poor MS/MSD precision (53 RPD)
SD6SB36-071-(0-0.5)	Lead	J	poor MS/MSD precision (34 RPD); poor field precision (62 RPD)
SD6SB36-071-(0-0.5)	Lithium	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (67 RPD)
SD6SB36-071-(0-0.5)	Tin	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SD6SB36-071-(0-0.5)	Mercury	U	laboratory blank contamination (0.0066 B mg/kg); result is between SDL and SQL
SD6SB36-071-(0-0.5)	4,4'-DDE	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	4,4'-DDT	J	low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD)
SD6SB36-071-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SD6SB36-071-(0-0.5)	Endrin aldehyde	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SD6SB36-071-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SD6SB36-071-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SD6SB36-071-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SD6SB36-071-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SD6SB36-071-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SD6SB36-071-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)
SD6SB36-071-(0-0.5)	Anthracene	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SD6SB36-071-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SD6SB36-071-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SD6SB36-071-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL)
SD6SB36-071-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SD6SB36-071-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SD6SB36-071-(0-0.5)	Carbazole	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Chrysene	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Fluorene	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SD6SB36-071-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SD6SB36-071-(0-0.5)	Indeno(1,2,3-cd)pyrene	J-	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%)
SD6SB36-071-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SD6SB36-071-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SD6SB36-071-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SD6SB36-071-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SD6SB36-071-(0-0.5)	Pyrene	J	result is between SDL and SQL
SD6SB36-071-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SD6SB36-072-(1-2)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SD6SB36-072-(1-2)	Barium	J	poor field precision (68 RPD)
SD6SB36-072-(1-2)	Cadmium	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Iron	J	poor MS/MSD precision (53 RPD)
SD6SB36-072-(1-2)	Lead	J	poor MS/MSD precision (34 RPD)
SD6SB36-072-(1-2)	Molybdenum	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (65 RPD)
SD6SB36-072-(1-2)	Tin	J	result is between SDL and SQL
SD6SB36-072-(1-2)	4,4'-DDT	J	low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD)
SD6SB36-072-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SD6SB36-072-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); calibration drift (%D= -27); poor LCS/LCSD precision (43 RPD)
SD6SB36-072-(1-2)	2-Chloroethylvinyl ether	UJ	calibration drift (%D= -47); low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (24.5%)
SD6SB36-072-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SD6SB36-072-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SD6SB36-072-(1-2)	Benzene	J	poor MS/MSD precision (42 RPD); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SD6SB36-072-(1-2)	Chloromethane	UJ	calibration drift (%D= -27)
SD6SB36-072-(1-2)	Cyclohexane	J	poor MS/MSD precision (178 RPD)
SD6SB36-072-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (47.5%)
SD6SB36-072-(1-2)	Methylene chloride	UJ	calibration drift (%D= -24); low ave MS/MSD recovery (57%)
SD6SB36-072-(1-2)	Xylene (total)	J	result is above calibration range
SD6SB36-072-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SD6SB36-072-(1-2)	2-Methylnaphthalene	J-	low ave MS/MSD recovery (59.5%)
SD6SB36-072-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SD6SB36-072-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SD6SB36-072-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SD6SB36-072-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SD6SB36-072-(1-2)	Acetophenone	U	field blank contamination (0.921 J ug/L); result is between SDL and SQL
SD6SB36-072-(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%)
SD6SB36-072-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SD6SB36-072-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SD6SB36-072-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20)
SD6SB36-072-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SD6SB36-072-(1-2)	Biphenyl	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SD6SB36-072-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L)
SD6SB36-072-(1-2)	Carbazole	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Chrysene	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Fluoranthene	J	result is between SDL and SQL
SD6SB36-072-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SD6SB36-072-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SD6SB36-072-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SD6SB36-072-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SD6SB36-072-(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SD6SB36-072-(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)
SD6SB36-072-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)
SE2SB-38-075 -(1-2)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Arsenic	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Barium	J	poor field precision (68 RPD)
SE2SB-38-075 -(1-2)	Beryllium	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Cadmium	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Molybdenum	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Silver	U	laboratory blank contamination (0.086 B mg/kg); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Strontium	J	poor field precision (65 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE2SB-38-075 -(1-2)	Aldrin	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SE2SB-38-075 -(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SE2SB-38-075 -(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SE2SB-38-075 -(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SE2SB-38-075 -(1-2)	Acetone	U	field blank contamination (1.96 J ug/L); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SE2SB-38-075 -(1-2)	Benzene	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SE2SB-38-075 -(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SE2SB-38-075 -(1-2)	Ethylbenzene	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SE2SB-38-075 -(1-2)	m,p-Xylene	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SE2SB-38-075 -(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SE2SB-38-075 -(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SE2SB-38-075 -(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SE2SB-38-075 -(1-2)	o-Xylene	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SE2SB-38-075 -(1-2)	Xylene (total)	J	result is between SDL and SQL
SE2SB-38-075 -(1-2)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	2,4,5-Trichlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	2,4,6-Trichlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	2,4-Dichlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	2,4-Dimethylphenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%); low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	2-Chloronaphthalene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	2-Chlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	2-Methylnaphthalene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	2-Nitroaniline	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	2-Nitrophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%); low Acid SU recovery (44%), low Acid SU recovery (59%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE2SB-38-075 -(1-2)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	4-Chloro-3-methylphenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	4-Chloroaniline	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	4-Nitroaniline	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	4-Nitrophenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%); low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	Acenaphthene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Acenaphthylene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Acetophenone	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Aniline	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Anthracene	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Atrazine (Aatrex)	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave MS/MSD recovery (49%); low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Benzo(a)anthracene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Benzo(b)fluoranthene	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Benzo(g,h,i)perylene	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Benzo(k)fluoranthene	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Benzyl alcohol	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Biphenyl	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (1.23 JB ug/L); low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Butyl benzyl phthalate	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Caprolactam	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Carbazole	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Chrysene	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Dibenz(a,h)anthracene	J-	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Dibenzofuran	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Diethyl phthalate	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Dimethyl phthalate	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Di-n-butyl phthalate	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Di-n-octyl phthalate	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Fluoranthene	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Fluorene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Hexachlorobenzene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE2SB-38-075 -(1-2)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Hexachloroethane	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Indeno(1,2,3-cd)pyrene	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Isophorone	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	m,p-Cresol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	Nitrobenzene	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%); low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	Pentachlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	Phenanthrene	J-	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%); low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	Pyrene	J	low B/N SU recovery (53%), low B/N SU recovery (57%); result is between SDL and SQL
SE2SB-38-075 -(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-076 -(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SE2SB-38-076 -(0-0.5)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Lead	J	poor field precision (62 RPD)
SE2SB-38-076 -(0-0.5)	Strontium	J	poor field precision (67 RPD)
SE2SB-38-076 -(0-0.5)	Zinc	J	poor field precision (92 RPD)
SE2SB-38-076 -(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SE2SB-38-076 -(0-0.5)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SE2SB-38-076 -(0-0.5)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	2-Chloronaphthalene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	2-Methylnaphthalene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	2-Nitroaniline	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SE2SB-38-076 -(0-0.5)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	4-Chloroaniline	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE2SB-38-076 -(0-0.5)	4-Nitroaniline	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	4-Nitrophenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SE2SB-38-076 -(0-0.5)	Acenaphthene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Acenaphthylene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Acetophenone	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Aniline	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Anthracene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Atrazine (Aatrex)	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Benzaldehyde	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Benzidine	UJ	calibration drift (%D= -66); low ave MS/MSD recovery (49%); low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Benzo(a)anthracene	J	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); poor field precision (difference > 3xSQL); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); poor field precision (difference > 3xSQL); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Benzo(b)fluoranthene	J	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Benzo(g,h,i)perylene	J	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Benzyl alcohol	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Biphenyl	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Bis(2-Ethylhexyl)phthalate	J-	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Butyl benzyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Caprolactam	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Carbazole	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Chrysene	J	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Dibenzofuran	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Diethyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE2SB-38-076 -(0-0.5)	Dimethyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Di-n-butyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Di-n-octyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Fluoranthene	J	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Fluorene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Hexachlorobenzene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Hexachloroethane	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Isophorone	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	Nitrobenzene	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SE2SB-38-076 -(0-0.5)	Phenanthrene	J	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); poor field precision (117 RPD); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SE2SB-38-076 -(0-0.5)	Pyrene	J	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%); result is between SDL and SQL
SE2SB-38-076 -(0-0.5)	Pyridine	UJ	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE3SB39-077-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SE3SB39-077-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SE3SB39-077-(0-0.5)	Beryllium	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (47%)
SE3SB39-077-(0-0.5)	Lead	J	poor field precision (62 RPD)
SE3SB39-077-(0-0.5)	Molybdenum	J-	low ave MS/MSD recovery (68%)
SE3SB39-077-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SE3SB39-077-(0-0.5)	Zinc	J	poor MS/MSD precision (62 RPD); poor field precision (92 RPD)
SE3SB39-077-(0-0.5)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SE3SB39-077-(0-0.5)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SE3SB39-077-(0-0.5)	alpha-BHC	J	low ave MS/MSD recovery (37.5%); result is between SDL and SQL
SE3SB39-077-(0-0.5)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SE3SB39-077-(0-0.5)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SE3SB39-077-(0-0.5)	Dieldrin	J	low ave MS/MSD recovery (53.5%); result is between SDL and SQL
SE3SB39-077-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SE3SB39-077-(0-0.5)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SE3SB39-077-(0-0.5)	Endosulfan sulfate	J-	low ave MS/MSD recovery (53.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE3SB39-077-(0-0.5)	Endrin aldehyde	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SE3SB39-077-(0-0.5)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SE3SB39-077-(0-0.5)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SE3SB39-077-(0-0.5)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SE3SB39-077-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%); low SU recovery (56%)
SE3SB39-077-(0-0.5)	Aroclor-1221	UJ	low SU recovery (56%)
SE3SB39-077-(0-0.5)	Aroclor-1232	UJ	low SU recovery (56%)
SE3SB39-077-(0-0.5)	Aroclor-1242	UJ	low SU recovery (56%)
SE3SB39-077-(0-0.5)	Aroclor-1248	UJ	low SU recovery (56%)
SE3SB39-077-(0-0.5)	Aroclor-1254	UJ	low SU recovery (56%)
SE3SB39-077-(0-0.5)	Aroclor-1260	UJ	low SU recovery (56%)
SE3SB39-077-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SE3SB39-077-(0-0.5)	2-Methylnaphthalene	J	low ave LCS/LCSD recovery (59.5%); result is between SDL and SQL
SE3SB39-077-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SE3SB39-077-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SE3SB39-077-(0-0.5)	Acenaphthene	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SE3SB39-077-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SE3SB39-077-(0-0.5)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)
SE3SB39-077-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SE3SB39-077-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SE3SB39-077-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SE3SB39-077-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SE3SB39-077-(0-0.5)	Carbazole	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Dibenzofuran	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Di-n-butyl phthalate	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Fluorene	J	result is between SDL and SQL
SE3SB39-077-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SE3SB39-077-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SE3SB39-077-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SE3SB39-077-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SE3SB39-077-(0-0.5)	Pyrene	J-	low ave MS/MSD recovery (52%)
SE3SB39-077-(0-0.5)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SE3SB39-078-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SE3SB39-078-(1-2)	Barium	J	poor field precision (68 RPD)
SE3SB39-078-(1-2)	Boron	UJ	low ave MS/MSD recovery (47%)
SE3SB39-078-(1-2)	Cadmium	J	result is between SDL and SQL
SE3SB39-078-(1-2)	Molybdenum	UJ	low ave MS/MSD recovery (68%)
SE3SB39-078-(1-2)	Strontium	J	poor field precision (65 RPD)
SE3SB39-078-(1-2)	Zinc	J	poor MS/MSD precision (62 RPD)
SE3SB39-078-(1-2)	Mercury	U	laboratory blank contamination (0.0033 B mg/kg); result is between SDL and SQL
SE3SB39-078-(1-2)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SE3SB39-078-(1-2)	Aldrin	UJ	low ave MS/MSD recovery (44%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE3SB39-078-(1-2)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SE3SB39-078-(1-2)	beta-BHC	J	low ave MS/MSD recovery (36.5%); result is between SDL and SQL
SE3SB39-078-(1-2)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SE3SB39-078-(1-2)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SE3SB39-078-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SE3SB39-078-(1-2)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SE3SB39-078-(1-2)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SE3SB39-078-(1-2)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SE3SB39-078-(1-2)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SE3SB39-078-(1-2)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SE3SB39-078-(1-2)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SE3SB39-078-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SE3SB39-078-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SE3SB39-078-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SE3SB39-078-(1-2)	2-Butanone	U	laboratory blank contamination (1.05 J ug/Kg); poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SE3SB39-078-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -63); low ave LCS/LCSD recovery (37.5%)
SE3SB39-078-(1-2)	Acetone	U	laboratory blank contamination (3.91 J ug/Kg); field blank contamination (1.96 J ug/L); calibration drift (%D= 30); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL); result is between SDL and SQL
SE3SB39-078-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SE3SB39-078-(1-2)	Bromomethane	UJ	calibration drift (%D= -22)
SE3SB39-078-(1-2)	Chloromethane	UJ	calibration drift (%D= -26)
SE3SB39-078-(1-2)	cis-1,2-Dichloroethene	J	poor MS/MSD precision (45 RPD); result is between SDL and SQL
SE3SB39-078-(1-2)	Cyclohexane	J	result is between SDL and SQL
SE3SB39-078-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SE3SB39-078-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SE3SB39-078-(1-2)	Isopropylbenzene (Cumene)	J+	calibration drift (%D= 25)
SE3SB39-078-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SE3SB39-078-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SE3SB39-078-(1-2)	Methylene chloride	U	laboratory blank contamination (1.6 J ug/Kg); field blank contamination (1.35 JB ug/L); trip blank contamination (1.45 JB ug/L); calibration drift (%D= -26); poor MS/MSD precision (54 RPD); result is between SDL and SQL
SE3SB39-078-(1-2)	Naphthalene	J	poor MS/MSD precision (48 RPD)
SE3SB39-078-(1-2)	o-Xylene	J	calibration drift (%D= 21); result is between SDL and SQL
SE3SB39-078-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD)
SE3SB39-078-(1-2)	Trichloroethene	J	calibration drift (%D= 27); result is between SDL and SQL
SE3SB39-078-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -22)
SE3SB39-078-(1-2)	Xylene (total)	J	result is between SDL and SQL
SE3SB39-078-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SE3SB39-078-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SE3SB39-078-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SE3SB39-078-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SE3SB39-078-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SE3SB39-078-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SE3SB39-078-(1-2)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE3SB39-078-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26)
SE3SB39-078-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SE3SB39-078-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SE3SB39-078-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SE3SB39-078-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L); result is between SDL and SQL
SE3SB39-078-(1-2)	Fluoranthene	J	result is between SDL and SQL
SE3SB39-078-(1-2)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SE3SB39-078-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SE3SB39-078-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SE3SB39-078-(1-2)	Pyrene	UJ	low ave MS/MSD recovery (52%)
SE3SB39-078-(1-2)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SE4SB40-079-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SE4SB40-079-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SE4SB40-079-(0-0.5)	Beryllium	J	result is between SDL and SQL
SE4SB40-079-(0-0.5)	Boron	U	laboratory blank contamination (1.45 B mg/kg); low ave MS/MSD recovery (65%)
SE4SB40-079-(0-0.5)	Lead	J	poor field precision (62 RPD)
SE4SB40-079-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SE4SB40-079-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SE4SB40-079-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SE4SB40-079-(0-0.5)	4,4'-DDE	J	high ave MS/MSD recovery (257.5%); poor MS/MSD precision (161 RPD); result is between SDL and SQL
SE4SB40-079-(0-0.5)	4,4'-DDT	J	poor MS/MSD precision (60 RPD)
SE4SB40-079-(0-0.5)	Dieldrin	J+	high ave MS/MSD recovery (193%)
SE4SB40-079-(0-0.5)	Endosulfan sulfate	J	calibration drift column 1 (%D= -19), calibration drift column 2 (%D= -16); result is between SDL and SQL
SE4SB40-079-(0-0.5)	Endrin ketone	UJ	calibration drift column 1 (%D= -18), calibration drift column 2 (%D= -17)
SE4SB40-079-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SE4SB40-079-(0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SE4SB40-079-(0-0.5)	2-Methylnaphthalene	J	low ave LCS/LCSD recovery (55%); result is between SDL and SQL
SE4SB40-079-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SE4SB40-079-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SE4SB40-079-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SE4SB40-079-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SE4SB40-079-(0-0.5)	Acenaphthene	J	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%); result is between SDL and SQL
SE4SB40-079-(0-0.5)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SE4SB40-079-(0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SE4SB40-079-(0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SE4SB40-079-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27)
SE4SB40-079-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SE4SB40-079-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); poor field precision (difference > 3xSQL)
SE4SB40-079-(0-0.5)	Benzo(k)fluoranthene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE4SB40-079-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SE4SB40-079-(0-0.5)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SE4SB40-079-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SE4SB40-079-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L)
SE4SB40-079-(0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SE4SB40-079-(0-0.5)	Carbazole	J	result is between SDL and SQL
SE4SB40-079-(0-0.5)	Chrysene	J	poor MS/MSD precision (44 RPD)
SE4SB40-079-(0-0.5)	Dibenzofuran	J	low ave LCS/LCSD recovery (56.5%); result is between SDL and SQL
SE4SB40-079-(0-0.5)	Di-n-butyl phthalate	J	result is between SDL and SQL
SE4SB40-079-(0-0.5)	Fluoranthene	J	poor MS/MSD precision (65 RPD)
SE4SB40-079-(0-0.5)	Fluorene	J	low ave LCS/LCSD recovery (58.5%); result is between SDL and SQL
SE4SB40-079-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SE4SB40-079-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SE4SB40-079-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD)
SE4SB40-079-(0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SE4SB40-079-(0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SE4SB40-079-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SE4SB40-079-(0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SE4SB40-079-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SE4SB40-079-(0-0.5)	Pyrene	J	poor MS/MSD precision (48 RPD)
SE4SB40-079-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SE4SB40-080-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SE4SB40-080-(1-2)	Arsenic	J	result is between SDL and SQL
SE4SB40-080-(1-2)	Barium	J	poor field precision (68 RPD)
SE4SB40-080-(1-2)	Beryllium	J	result is between SDL and SQL
SE4SB40-080-(1-2)	Boron	U	laboratory blank contamination (1.45 B mg/kg); low ave MS/MSD recovery (65%)
SE4SB40-080-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SE4SB40-080-(1-2)	Molybdenum	J	result is between SDL and SQL
SE4SB40-080-(1-2)	Strontium	J	poor field precision (65 RPD)
SE4SB40-080-(1-2)	Mercury	J	result is between SDL and SQL
SE4SB40-080-(1-2)	4,4'-DDD	J	result is between SDL and SQL
SE4SB40-080-(1-2)	4,4'-DDT	J	poor MS/MSD precision (60 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	Endosulfan sulfate	UJ	calibration drift column 1 (%D= -19), calibration drift column 2 (%D= -16)
SE4SB40-080-(1-2)	Endrin aldehyde	J	poor MS/MSD precision (72 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	Endrin ketone	UJ	calibration drift column 1 (%D= -18), calibration drift column 2 (%D= -17)
SE4SB40-080-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SE4SB40-080-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD)
SE4SB40-080-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SE4SB40-080-(1-2)	Acetone	J	poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SE4SB40-080-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE4SB40-080-(1-2)	Benzene	J	result is between SDL and SQL
SE4SB40-080-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SE4SB40-080-(1-2)	Carbon disulfide	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SE4SB40-080-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SE4SB40-080-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SE4SB40-080-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SE4SB40-080-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SE4SB40-080-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SE4SB40-080-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SE4SB40-080-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SE4SB40-080-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SE4SB40-080-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SE4SB40-080-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SE4SB40-080-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SE4SB40-080-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SE4SB40-080-(1-2)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SE4SB40-080-(1-2)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SE4SB40-080-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SE4SB40-080-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SE4SB40-080-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SE4SB40-080-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); result is between SDL and SQL
SE4SB40-080-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SE4SB40-080-(1-2)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SE4SB40-080-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SE4SB40-080-(1-2)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SE4SB40-080-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SE4SB40-080-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SE4SB40-080-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SE4SB40-080-(1-2)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	Dibenz(a,h)anthracene	J	result is between SDL and SQL
SE4SB40-080-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SE4SB40-080-(1-2)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SE4SB40-080-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SE4SB40-080-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SE4SB40-080-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE4SB40-080-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SE4SB40-080-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SE4SB40-080-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SE4SB40-080-(1-2)	Phenanthrene	J	result is between SDL and SQL
SE4SB40-080-(1-2)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SE4SB40-080-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SE5SB41-081-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SE5SB41-081-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SE5SB41-081-(0-0.5)	Boron	U	laboratory blank contamination (1.45 B mg/kg); low ave MS/MSD recovery (65%)
SE5SB41-081-(0-0.5)	Lead	J	poor field precision (62 RPD)
SE5SB41-081-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SE5SB41-081-(0-0.5)	Molybdenum	J	result is between SDL and SQL
SE5SB41-081-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SE5SB41-081-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SE5SB41-081-(0-0.5)	Mercury	J	result is between SDL and SQL
SE5SB41-081-(0-0.5)	4,4'-DDT	J	poor MS/MSD precision (60 RPD)
SE5SB41-081-(0-0.5)	Dieldrin	J	high ave MS/MSD recovery (193%); result is between SDL and SQL
SE5SB41-081-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SE5SB41-081-(0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SE5SB41-081-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SE5SB41-081-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SE5SB41-081-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SE5SB41-081-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SE5SB41-081-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SE5SB41-081-(0-0.5)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SE5SB41-081-(0-0.5)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SE5SB41-081-(0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SE5SB41-081-(0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SE5SB41-081-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27)
SE5SB41-081-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SE5SB41-081-(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=27); poor field precision (difference > 3xSQL)
SE5SB41-081-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SE5SB41-081-(0-0.5)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SE5SB41-081-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SE5SB41-081-(0-0.5)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SE5SB41-081-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SE5SB41-081-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SE5SB41-081-(0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SE5SB41-081-(0-0.5)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SE5SB41-081-(0-0.5)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE5SB41-081-(0-0.5)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SE5SB41-081-(0-0.5)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SE5SB41-081-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SE5SB41-081-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SE5SB41-081-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SE5SB41-081-(0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SE5SB41-081-(0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SE5SB41-081-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SE5SB41-081-(0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SE5SB41-081-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD); result is between SDL and SQL
SE5SB41-081-(0-0.5)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SE5SB41-081-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SE5SB41-082-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SE5SB41-082-(1-2)	Barium	J	poor field precision (68 RPD)
SE5SB41-082-(1-2)	Boron	J-	low ave MS/MSD recovery (65%)
SE5SB41-082-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SE5SB41-082-(1-2)	Molybdenum	J	result is between SDL and SQL
SE5SB41-082-(1-2)	Strontium	J	poor field precision (65 RPD)
SE5SB41-082-(1-2)	Mercury	J	result is between SDL and SQL
SE5SB41-082-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SE5SB41-082-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SE5SB41-082-(1-2)	1,3,5-Trimethylbenzene	J	result is between SDL and SQL
SE5SB41-082-(1-2)	2-Butanone	UJ	poor calibration fit (%RSD=27); calibration drift (%D= -23); low ave MS/MSD recovery (56.5%)
SE5SB41-082-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%)
SE5SB41-082-(1-2)	Acetone	J	calibration drift (%D= 46); high LCS recovery (174%); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SE5SB41-082-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SE5SB41-082-(1-2)	Carbon disulfide	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SE5SB41-082-(1-2)	Chloromethane	UJ	calibration drift (%D= -30)
SE5SB41-082-(1-2)	cis-1,2-Dichloroethene	J	poor MS/MSD precision (45 RPD); result is between SDL and SQL
SE5SB41-082-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SE5SB41-082-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SE5SB41-082-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SE5SB41-082-(1-2)	Naphthalene	U	laboratory blank contamination (3.36 J ug/Kg); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SE5SB41-082-(1-2)	sec-Butylbenzene	J	result is between SDL and SQL
SE5SB41-082-(1-2)	tert-Butyl methyl ether (MTBE)	J	poor MS/MSD precision (51 RPD)
SE5SB41-082-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD)
SE5SB41-082-(1-2)	Xylene (total)	J	result is between SDL and SQL
SE5SB41-082-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SE5SB41-082-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE5SB41-082-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SE5SB41-082-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SE5SB41-082-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SE5SB41-082-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SE5SB41-082-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SE5SB41-082-(1-2)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SE5SB41-082-(1-2)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SE5SB41-082-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SE5SB41-082-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SE5SB41-082-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SE5SB41-082-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=27)
SE5SB41-082-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SE5SB41-082-(1-2)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SE5SB41-082-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SE5SB41-082-(1-2)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SE5SB41-082-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SE5SB41-082-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SE5SB41-082-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SE5SB41-082-(1-2)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SE5SB41-082-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SE5SB41-082-(1-2)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SE5SB41-082-(1-2)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SE5SB41-082-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SE5SB41-082-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SE5SB41-082-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SE5SB41-082-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SE5SB41-082-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SE5SB41-082-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SE5SB41-082-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SE5SB41-082-(1-2)	Phenanthrene	J	result is between SDL and SQL
SE5SB41-082-(1-2)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SE5SB41-082-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SE6SB42-083-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SE6SB42-083-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SE6SB42-083-(0-0.5)	Arsenic	J	result is between SDL and SQL
SE6SB42-083-(0-0.5)	Boron	J-	low ave MS/MSD recovery (65%)
SE6SB42-083-(0-0.5)	Lead	J	poor field precision (62 RPD)
SE6SB42-083-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SE6SB42-083-(0-0.5)	Molybdenum	J	result is between SDL and SQL
SE6SB42-083-(0-0.5)	Strontium	J	poor field precision (67 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE6SB42-083-(0-0.5)	Tin	J	result is between SDL and SQL
SE6SB42-083-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SE6SB42-083-(0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SE6SB42-083-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SE6SB42-083-(0-0.5)	Endosulfan sulfate	UJ	calibration drift column 1 (%D= -24), calibration drift column 2 (%D= -18)
SE6SB42-083-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SE6SB42-083-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SE6SB42-083-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SE6SB42-083-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SE6SB42-083-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SE6SB42-083-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SE6SB42-083-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SE6SB42-083-(0-0.5)	Anthracene	J	result is between SDL and SQL
SE6SB42-083-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SE6SB42-083-(0-0.5)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SE6SB42-083-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SE6SB42-083-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL); result is between SDL and SQL
SE6SB42-083-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SE6SB42-083-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SE6SB42-083-(0-0.5)	Benzo(k)fluoranthene	J	low ave LCS/LCSD recovery (55%); result is between SDL and SQL
SE6SB42-083-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SE6SB42-083-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SE6SB42-083-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SE6SB42-083-(0-0.5)	Chrysene	J	result is between SDL and SQL
SE6SB42-083-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SE6SB42-083-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SE6SB42-083-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SE6SB42-083-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SE6SB42-083-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SE6SB42-083-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SE6SB42-083-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SE6SB42-083-(0-0.5)	Pyrene	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SE6SB42-084-(1-2)	Barium	J	poor field precision (68 RPD)
SE6SB42-084-(1-2)	Beryllium	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Boron	U	field blank contamination (0.016 B mg/L); low ave MS/MSD recovery (65%); result is between SDL and SQL
SE6SB42-084-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SE6SB42-084-(1-2)	Molybdenum	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Strontium	J	poor field precision (65 RPD)
SE6SB42-084-(1-2)	Tin	J	result is between SDL and SQL
SE6SB42-084-(1-2)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SE6SB42-084-(1-2)	Aldrin	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE6SB42-084-(1-2)	Endosulfan I	J-	low ave MS/MSD recovery (31%)
SE6SB42-084-(1-2)	Endosulfan sulfate	UJ	calibration drift column 1 (%D= -24), calibration drift column 2 (%D= -18)
SE6SB42-084-(1-2)	Methoxychlor	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Aroclor-1254	J+	high SU recovery (143%)
SE6SB42-084-(1-2)	1,1,1-Trichloroethane	UJ	calibration drift (%D= -27)
SE6SB42-084-(1-2)	1,1,2,2-Tetrachloroethane	UJ	calibration drift (%D= -21)
SE6SB42-084-(1-2)	1,2-Dibromo-3-chloropropane	UJ	calibration drift (%D= -23)
SE6SB42-084-(1-2)	2-Chloroethylvinyl ether	UJ	poor calibration fit (%RSD=26)
SE6SB42-084-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SE6SB42-084-(1-2)	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW), 15x (SB); calibration drift (%D= -33)
SE6SB42-084-(1-2)	Chloroethane	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW/SB)
SE6SB42-084-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -27)
SE6SB42-084-(1-2)	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 2x (SW/GW) or 50x (Sed/SB)
SE6SB42-084-(1-2)	n-Propylbenzene	J	result is between SDL and SQL
SE6SB42-084-(1-2)	o-Xylene	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Trichlorofluoromethane	UJ	low ave MS/MSD recovery (34.5%)
SE6SB42-084-(1-2)	Vinyl chloride	UJ	poor calibration fit (%RSD=16)
SE6SB42-084-(1-2)	Xylene (total)	J	result is between SDL and SQL
SE6SB42-084-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SE6SB42-084-(1-2)	2-Methylnaphthalene	J-	low ave MS/MSD recovery (59.5%)
SE6SB42-084-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SE6SB42-084-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SE6SB42-084-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SE6SB42-084-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SE6SB42-084-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SE6SB42-084-(1-2)	Anthracene	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SE6SB42-084-(1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SE6SB42-084-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); result is between SDL and SQL
SE6SB42-084-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Benzo(k)fluoranthene	UJ	low ave LCS/LCSD recovery (55%)
SE6SB42-084-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SE6SB42-084-(1-2)	Biphenyl	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SE6SB42-084-(1-2)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SE6SB42-084-(1-2)	Chrysene	J	result is between SDL and SQL
SE6SB42-084-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SE6SB42-084-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SE6SB42-084-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SE6SB42-084-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SE6SB42-084-(1-2)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SE6SB42-084-(1-2)	n-Nitrosodiphenylamine	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SE6SB42-084-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SE6SB42-084-(1-2)	Pyrene	J	result is between SDL and SQL
SF2SB-44-087-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SF2SB-44-087-(0-0.5)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SF2SB-44-087-(0-0.5)	Arsenic	J	result is between SDL and SQL
SF2SB-44-087-(0-0.5)	Lead	J	poor field precision (62 RPD)
SF2SB-44-087-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SF2SB-44-087-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SF2SB-44-087-(0-0.5)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg); result is between SDL and SQL
SF2SB-44-087-(0-0.5)	4,4'-DDT	J	result is between SDL and SQL
SF2SB-44-087-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SF2SB-44-087-(0-0.5)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SF2SB-44-087-(0-0.5)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	2-Chloronaphthalene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	2-Methylnaphthalene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	2-Nitroaniline	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SF2SB-44-087-(0-0.5)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	4-Chloroaniline	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	4-Nitroaniline	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SF2SB-44-087-(0-0.5)	Acenaphthene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Acenaphthylene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Acetophenone	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Aniline	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Anthracene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Atrazine (Aatrex)	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%); low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Benzo(a)anthracene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%); poor field precision (difference > 3xSQL)
SF2SB-44-087-(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (47%), low B/N SU recovery (50%); poor field precision (difference > 3xSQL)
SF2SB-44-087-(0-0.5)	Benzo(b)fluoranthene	J	low B/N SU recovery (47%), low B/N SU recovery (50%); result is between SDL and SQL
SF2SB-44-087-(0-0.5)	Benzo(g,h,i)perylene	J	low B/N SU recovery (47%), low B/N SU recovery (50%); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF2SB-44-087-(0-0.5)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Benzyl alcohol	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Biphenyl	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (1.23 JB ug/L); low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Butyl benzyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Caprolactam	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Carbazole	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Chrysene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Dibenzofuran	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Diethyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Dimethyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Di-n-butyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Di-n-octyl phthalate	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Fluoranthene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Fluorene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Hexachlorobenzene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Hexachloroethane	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low B/N SU recovery (47%), low B/N SU recovery (50%); result is between SDL and SQL
SF2SB-44-087-(0-0.5)	Isophorone	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Nitrobenzene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SF2SB-44-087-(0-0.5)	Phenanthrene	J	low B/N SU recovery (47%), low B/N SU recovery (50%); poor field precision (117 RPD); result is between SDL and SQL
SF2SB-44-087-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SF2SB-44-087-(0-0.5)	Pyrene	UJ	low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-087-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (47%), low B/N SU recovery (50%)
SF2SB-44-088- (1-2)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SF2SB-44-088- (1-2)	Arsenic	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Barium	J	poor field precision (68 RPD)
SF2SB-44-088- (1-2)	Molybdenum	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Strontium	J	poor field precision (65 RPD)
SF2SB-44-088- (1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SF2SB-44-088- (1-2)	Endosulfan sulfate	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SF2SB-44-088- (1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF2SB-44-088- (1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SF2SB-44-088- (1-2)	Acetone	J	poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SF2SB-44-088- (1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SF2SB-44-088- (1-2)	Benzene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SF2SB-44-088- (1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SF2SB-44-088- (1-2)	Cyclohexane	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SF2SB-44-088- (1-2)	m,p-Xylene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SF2SB-44-088- (1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SF2SB-44-088- (1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SF2SB-44-088- (1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SF2SB-44-088- (1-2)	o-Xylene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SF2SB-44-088- (1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SF2SB-44-088- (1-2)	Xylene (total)	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SF2SB-44-088- (1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%)
SF2SB-44-088- (1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SF2SB-44-088- (1-2)	4-Nitrophenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SF2SB-44-088- (1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61)
SF2SB-44-088- (1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave MS/MSD recovery (49%)
SF2SB-44-088- (1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); result is between SDL and SQL
SF2SB-44-088- (1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%)
SF2SB-44-088- (1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg)
SF2SB-44-088- (1-2)	Chrysene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Dibenz(a,h)anthracene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Fluoranthene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SF2SB-44-088- (1-2)	Phenanthrene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SF2SB-44-088- (1-2)	Pyrene	J	result is between SDL and SQL
SF2SB-44-088- (1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)
SF3SB45-089-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SF3SB45-089-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SF3SB45-089-(0-0.5)	Beryllium	J	result is between SDL and SQL
SF3SB45-089-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (47%)
SF3SB45-089-(0-0.5)	Lead	J	poor field precision (62 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF3SB45-089-(0-0.5)	Lithium	J	result is between SDL and SQL
SF3SB45-089-(0-0.5)	Molybdenum	J-	low ave MS/MSD recovery (68%)
SF3SB45-089-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SF3SB45-089-(0-0.5)	Tin	J	result is between SDL and SQL
SF3SB45-089-(0-0.5)	Zinc	J	poor MS/MSD precision (62 RPD); poor field precision (92 RPD)
SF3SB45-089-(0-0.5)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SF3SB45-089-(0-0.5)	4,4'-DDT	J	poor MS/MSD precision (128 RPD)
SF3SB45-089-(0-0.5)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SF3SB45-089-(0-0.5)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SF3SB45-089-(0-0.5)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SF3SB45-089-(0-0.5)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SF3SB45-089-(0-0.5)	Dieldrin	J	low ave MS/MSD recovery (53.5%); result is between SDL and SQL
SF3SB45-089-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SF3SB45-089-(0-0.5)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SF3SB45-089-(0-0.5)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SF3SB45-089-(0-0.5)	Endrin ketone	J	low ave MS/MSD recovery (37.5%); result is between SDL and SQL
SF3SB45-089-(0-0.5)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SF3SB45-089-(0-0.5)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SF3SB45-089-(0-0.5)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SF3SB45-089-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SF3SB45-089-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SF3SB45-089-(0-0.5)	2-Methylnaphthalene	J	low ave LCS/LCSD recovery (59.5%); result is between SDL and SQL
SF3SB45-089-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SF3SB45-089-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SF3SB45-089-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SF3SB45-089-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SF3SB45-089-(0-0.5)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)
SF3SB45-089-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SF3SB45-089-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SF3SB45-089-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SF3SB45-089-(0-0.5)	Biphenyl	J	result is between SDL and SQL
SF3SB45-089-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SF3SB45-089-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L)
SF3SB45-089-(0-0.5)	Carbazole	J	result is between SDL and SQL
SF3SB45-089-(0-0.5)	Dibenzofuran	J	result is between SDL and SQL
SF3SB45-089-(0-0.5)	Diethyl phthalate	U	field blank contamination (1.07 J ug/L); result is between SDL and SQL
SF3SB45-089-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SF3SB45-089-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SF3SB45-089-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SF3SB45-089-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SF3SB45-089-(0-0.5)	Pyrene	J-	low ave MS/MSD recovery (52%)
SF3SB45-089-(0-0.5)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SF3SB45-090-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SF3SB45-090-(1-2)	Barium	J	poor field precision (68 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF3SB45-090-(1-2)	Boron	UJ	low ave MS/MSD recovery (47%)
SF3SB45-090-(1-2)	Molybdenum	J	low ave MS/MSD recovery (68%); result is between SDL and SQL
SF3SB45-090-(1-2)	Strontium	J	poor field precision (65 RPD)
SF3SB45-090-(1-2)	Tin	J	result is between SDL and SQL
SF3SB45-090-(1-2)	Zinc	J	poor MS/MSD precision (62 RPD)
SF3SB45-090-(1-2)	4,4'-DDD	J	low ave MS/MSD recovery (58%); result is between SDL and SQL
SF3SB45-090-(1-2)	4,4'-DDT	J	poor MS/MSD precision (128 RPD)
SF3SB45-090-(1-2)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SF3SB45-090-(1-2)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SF3SB45-090-(1-2)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SF3SB45-090-(1-2)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SF3SB45-090-(1-2)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SF3SB45-090-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SF3SB45-090-(1-2)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SF3SB45-090-(1-2)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SF3SB45-090-(1-2)	Endrin ketone	J-	low ave MS/MSD recovery (37.5%)
SF3SB45-090-(1-2)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SF3SB45-090-(1-2)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SF3SB45-090-(1-2)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SF3SB45-090-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SF3SB45-090-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SF3SB45-090-(1-2)	2-Butanone	U	laboratory blank contamination (1.13 J ug/Kg); poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SF3SB45-090-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -53); low ave LCS/LCSD recovery (54%)
SF3SB45-090-(1-2)	Acetone	U	laboratory blank contamination (10.1 J ug/Kg); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SF3SB45-090-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SF3SB45-090-(1-2)	Benzene	J	result is between SDL and SQL
SF3SB45-090-(1-2)	Bromomethane	UJ	calibration drift (%D= -47)
SF3SB45-090-(1-2)	Chloromethane	UJ	calibration drift (%D= -43)
SF3SB45-090-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SF3SB45-090-(1-2)	m,p-Xylene	J	calibration drift (%D= 21); result is between SDL and SQL
SF3SB45-090-(1-2)	n-Butyl alcohol	J+	calibration drift (%D= 31)
SF3SB45-090-(1-2)	o-Xylene	J	calibration drift (%D= 23); result is between SDL and SQL
SF3SB45-090-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SF3SB45-090-(1-2)	Xylene (total)	J	calibration drift (%D= 22); result is between SDL and SQL
SF3SB45-090-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SF3SB45-090-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SF3SB45-090-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SF3SB45-090-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SF3SB45-090-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SF3SB45-090-(1-2)	Anthracene	J	result is between SDL and SQL
SF3SB45-090-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SF3SB45-090-(1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave MS/MSD recovery (15%)
SF3SB45-090-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26)
SF3SB45-090-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF3SB45-090-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF3SB45-090-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SF3SB45-090-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SF3SB45-090-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg)
SF3SB45-090-(1-2)	Chrysene	J	result is between SDL and SQL
SF3SB45-090-(1-2)	Fluoranthene	J	result is between SDL and SQL
SF3SB45-090-(1-2)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SF3SB45-090-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SF3SB45-090-(1-2)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SF3SB45-090-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SF3SB45-090-(1-2)	Pyrene	J	low ave MS/MSD recovery (52%); result is between SDL and SQL
SF3SB45-090-(1-2)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SF4SB46-091-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SF4SB46-091-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SF4SB46-091-(0-0.5)	Beryllium	J	result is between SDL and SQL
SF4SB46-091-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (47%)
SF4SB46-091-(0-0.5)	Lead	J	poor field precision (62 RPD)
SF4SB46-091-(0-0.5)	Molybdenum	J	low ave MS/MSD recovery (68%); result is between SDL and SQL
SF4SB46-091-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SF4SB46-091-(0-0.5)	Zinc	J	poor MS/MSD precision (62 RPD); poor field precision (92 RPD)
SF4SB46-091-(0-0.5)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SF4SB46-091-(0-0.5)	4,4'-DDT	J	poor MS/MSD precision (128 RPD)
SF4SB46-091-(0-0.5)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SF4SB46-091-(0-0.5)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SF4SB46-091-(0-0.5)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SF4SB46-091-(0-0.5)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SF4SB46-091-(0-0.5)	Dieldrin	J	low ave MS/MSD recovery (53.5%); result is between SDL and SQL
SF4SB46-091-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SF4SB46-091-(0-0.5)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SF4SB46-091-(0-0.5)	Endosulfan sulfate	J	low ave MS/MSD recovery (53.5%); result is between SDL and SQL
SF4SB46-091-(0-0.5)	Endrin ketone	J	low ave MS/MSD recovery (37.5%); result is between SDL and SQL
SF4SB46-091-(0-0.5)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SF4SB46-091-(0-0.5)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SF4SB46-091-(0-0.5)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SF4SB46-091-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SF4SB46-091-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SF4SB46-091-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SF4SB46-091-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SF4SB46-091-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SF4SB46-091-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SF4SB46-091-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SF4SB46-091-(0-0.5)	Benzidine	UJ	calibration drift (%D= -52); low ave MS/MSD recovery (15%)
SF4SB46-091-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SF4SB46-091-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL); result is between SDL and SQL
SF4SB46-091-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF4SB46-091-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SF4SB46-091-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SF4SB46-091-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L); result is between SDL and SQL
SF4SB46-091-(0-0.5)	Chrysene	J	result is between SDL and SQL
SF4SB46-091-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SF4SB46-091-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SF4SB46-091-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SF4SB46-091-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SF4SB46-091-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SF4SB46-091-(0-0.5)	Pyrene	J	low ave MS/MSD recovery (52%); result is between SDL and SQL
SF4SB46-091-(0-0.5)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SF4SB46-092-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SF4SB46-092-(1-2)	Barium	J	poor field precision (68 RPD)
SF4SB46-092-(1-2)	Boron	UJ	low ave MS/MSD recovery (47%)
SF4SB46-092-(1-2)	Molybdenum	UJ	low ave MS/MSD recovery (68%)
SF4SB46-092-(1-2)	Strontium	J	poor field precision (65 RPD)
SF4SB46-092-(1-2)	Zinc	J	poor MS/MSD precision (62 RPD)
SF4SB46-092-(1-2)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SF4SB46-092-(1-2)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SF4SB46-092-(1-2)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SF4SB46-092-(1-2)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SF4SB46-092-(1-2)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SF4SB46-092-(1-2)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SF4SB46-092-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SF4SB46-092-(1-2)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SF4SB46-092-(1-2)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SF4SB46-092-(1-2)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SF4SB46-092-(1-2)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SF4SB46-092-(1-2)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SF4SB46-092-(1-2)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SF4SB46-092-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SF4SB46-092-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SF4SB46-092-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); calibration drift (%D= -27); poor LCS/LCSD precision (43 RPD); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD)
SF4SB46-092-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -47); low ave LCS/LCSD recovery (57.5%)
SF4SB46-092-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SF4SB46-092-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SF4SB46-092-(1-2)	Chloromethane	UJ	calibration drift (%D= -27)
SF4SB46-092-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SF4SB46-092-(1-2)	Isopropylbenzene (Cumene)	J	result is above calibration range
SF4SB46-092-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD)
SF4SB46-092-(1-2)	Methylene chloride	UJ	calibration drift (%D= -24)
SF4SB46-092-(1-2)	Naphthalene	J	poor MS/MSD precision (48 RPD)
SF4SB46-092-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SF4SB46-092-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF4SB46-092-(1-2)	2-Methylnaphthalene	J	low ave LCS/LCSD recovery (59.5%); result is between SDL and SQL
SF4SB46-092-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SF4SB46-092-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SF4SB46-092-(1-2)	Acenaphthylene	J	result is between SDL and SQL
SF4SB46-092-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SF4SB46-092-(1-2)	Anthracene	J	result is between SDL and SQL
SF4SB46-092-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SF4SB46-092-(1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave MS/MSD recovery (15%)
SF4SB46-092-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26)
SF4SB46-092-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF4SB46-092-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SF4SB46-092-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SF4SB46-092-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SF4SB46-092-(1-2)	Caprolactam	J	result is between SDL and SQL
SF4SB46-092-(1-2)	Chrysene	J	result is between SDL and SQL
SF4SB46-092-(1-2)	Fluorene	J	result is between SDL and SQL
SF4SB46-092-(1-2)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SF4SB46-092-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SF4SB46-092-(1-2)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SF4SB46-092-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SF4SB46-092-(1-2)	Pyrene	J	low ave MS/MSD recovery (52%); result is between SDL and SQL
SF4SB46-092-(1-2)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SF5SB47-093-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SF5SB47-093-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SF5SB47-093-(0-0.5)	Boron	J-	low ave MS/MSD recovery (65%)
SF5SB47-093-(0-0.5)	Lead	J	poor field precision (62 RPD)
SF5SB47-093-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SF5SB47-093-(0-0.5)	Molybdenum	J	result is between SDL and SQL
SF5SB47-093-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SF5SB47-093-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SF5SB47-093-(0-0.5)	4,4'-DDT	J	poor MS/MSD precision (60 RPD)
SF5SB47-093-(0-0.5)	Dieldrin	J	high ave MS/MSD recovery (193%); result is between SDL and SQL
SF5SB47-093-(0-0.5)	Endosulfan sulfate	UJ	calibration drift column 1 (%D= -19), calibration drift column 2 (%D= -16)
SF5SB47-093-(0-0.5)	Endrin	J	high ave MS/MSD recovery (1150%); poor MS/MSD precision (46 RPD)
SF5SB47-093-(0-0.5)	Endrin ketone	J	calibration drift column 1 (%D= -18), calibration drift column 2 (%D= -17); high ave MS/MSD recovery (949.5%); poor MS/MSD precision (60 RPD)
SF5SB47-093-(0-0.5)	gamma-Chlordane	J	high ave MS/MSD recovery (466%); poor MS/MSD precision (60 RPD)
SF5SB47-093-(0-0.5)	Methoxychlor	J	high ave MS/MSD recovery (348.5%); result is between SDL and SQL
SF5SB47-093-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SF5SB47-093-(0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SF5SB47-093-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SF5SB47-093-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF5SB47-093-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SF5SB47-093-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SF5SB47-093-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SF5SB47-093-(0-0.5)	Acenaphthene	J	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%); result is between SDL and SQL
SF5SB47-093-(0-0.5)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SF5SB47-093-(0-0.5)	Acetophenone	U	field blank contamination (0.921 J ug/L); result is between SDL and SQL
SF5SB47-093-(0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SF5SB47-093-(0-0.5)	Anthracene	J	result is between SDL and SQL
SF5SB47-093-(0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SF5SB47-093-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27)
SF5SB47-093-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SF5SB47-093-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); poor field precision (difference > 3xSQL)
SF5SB47-093-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF5SB47-093-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SF5SB47-093-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SF5SB47-093-(0-0.5)	Biphenyl	J	low ave MS/MSD recovery (57%); result is between SDL and SQL
SF5SB47-093-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SF5SB47-093-(0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SF5SB47-093-(0-0.5)	Carbazole	J	result is between SDL and SQL
SF5SB47-093-(0-0.5)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SF5SB47-093-(0-0.5)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SF5SB47-093-(0-0.5)	Di-n-butyl phthalate	J	result is between SDL and SQL
SF5SB47-093-(0-0.5)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SF5SB47-093-(0-0.5)	Fluorene	J	low ave LCS/LCSD recovery (58.5%); result is between SDL and SQL
SF5SB47-093-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SF5SB47-093-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SF5SB47-093-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SF5SB47-093-(0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SF5SB47-093-(0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SF5SB47-093-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SF5SB47-093-(0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SF5SB47-093-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SF5SB47-093-(0-0.5)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SF5SB47-093-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SF5SB47-094-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SF5SB47-094-(1-2)	Barium	J	poor field precision (68 RPD)
SF5SB47-094-(1-2)	Boron	J-	low ave MS/MSD recovery (65%)
SF5SB47-094-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF5SB47-094-(1-2)	Molybdenum	J	result is between SDL and SQL
SF5SB47-094-(1-2)	Strontium	J	poor field precision (65 RPD)
SF5SB47-094-(1-2)	4,4'-DDD	J	result is between SDL and SQL
SF5SB47-094-(1-2)	4,4'-DDE	J	high ave MS/MSD recovery (257.5%); poor MS/MSD precision (161 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	4,4'-DDT	J	poor MS/MSD precision (60 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	Dieldrin	J	high ave MS/MSD recovery (193%); result is between SDL and SQL
SF5SB47-094-(1-2)	Endosulfan sulfate	UJ	calibration drift column 1 (%D= -19), calibration drift column 2 (%D= -16)
SF5SB47-094-(1-2)	Endrin ketone	UJ	calibration drift column 1 (%D= -18), calibration drift column 2 (%D= -17)
SF5SB47-094-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SF5SB47-094-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SF5SB47-094-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SF5SB47-094-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SF5SB47-094-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SF5SB47-094-(1-2)	Carbon disulfide	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SF5SB47-094-(1-2)	Cyclohexane	J	result is between SDL and SQL
SF5SB47-094-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SF5SB47-094-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SF5SB47-094-(1-2)	Isopropylbenzene (Cumene)	J	result is between SDL and SQL
SF5SB47-094-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SF5SB47-094-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SF5SB47-094-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SF5SB47-094-(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SF5SB47-094-(1-2)	n-Propylbenzene	J	result is between SDL and SQL
SF5SB47-094-(1-2)	o-Xylene	J	result is between SDL and SQL
SF5SB47-094-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD)
SF5SB47-094-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SF5SB47-094-(1-2)	Xylene (total)	J	result is between SDL and SQL
SF5SB47-094-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SF5SB47-094-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SF5SB47-094-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SF5SB47-094-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SF5SB47-094-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SF5SB47-094-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SF5SB47-094-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SF5SB47-094-(1-2)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF5SB47-094-(1-2)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SF5SB47-094-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SF5SB47-094-(1-2)	Anthracene	J	result is between SDL and SQL
SF5SB47-094-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SF5SB47-094-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SF5SB47-094-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); result is between SDL and SQL
SF5SB47-094-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF5SB47-094-(1-2)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SF5SB47-094-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SF5SB47-094-(1-2)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SF5SB47-094-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SF5SB47-094-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SF5SB47-094-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SF5SB47-094-(1-2)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	Dibenz(a,h)anthracene	J	result is between SDL and SQL
SF5SB47-094-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SF5SB47-094-(1-2)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	Fluorene	J	low ave LCS/LCSD recovery (58.5%); result is between SDL and SQL
SF5SB47-094-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SF5SB47-094-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SF5SB47-094-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SF5SB47-094-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SF5SB47-094-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SF5SB47-094-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SF5SB47-094-(1-2)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SF5SB47-094-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SF6SB48-095-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SF6SB48-095-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SF6SB48-095-(0-0.5)	Boron	J-	low ave MS/MSD recovery (65%)
SF6SB48-095-(0-0.5)	Lead	J	poor field precision (62 RPD)
SF6SB48-095-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SF6SB48-095-(0-0.5)	Molybdenum	J	result is between SDL and SQL
SF6SB48-095-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SF6SB48-095-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SF6SB48-095-(0-0.5)	Mercury	J	result is between SDL and SQL
SF6SB48-095-(0-0.5)	4,4'-DDT	J	calibration drift column 1 (%D= -21), calibration drift column 2 (%D= -24); poor MS/MSD precision (60 RPD)
SF6SB48-095-(0-0.5)	Dieldrin	J	high ave MS/MSD recovery (193%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB48-095-(0-0.5)	2,4,5-Trichlorophenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	2,4,6-Trichlorophenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	2,4-Dichlorophenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	2,4-Dimethylphenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%); low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	2-Chlorophenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	2-Nitroaniline	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	2-Nitrophenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%); low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	4-Chloro-3-methylphenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	4-Nitrophenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Acetophenone	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Anthracene	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Atrazine (Aatrex)	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Benzo(a)anthracene	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%); poor field precision (difference > 3xSQL)
SF6SB48-095-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); low B/N SU recovery (39%), low B/N SU recovery (45%); poor field precision (difference > 3xSQL); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB48-095-(0-0.5)	Benzo(b)fluoranthene	J	low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Benzyl alcohol	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Biphenyl	UJ	low ave MS/MSD recovery (57%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Butyl benzyl phthalate	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Carbazole	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Chrysene	J	poor MS/MSD precision (44 RPD); low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Dibenz(a,h)anthracene	J	low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Diethyl phthalate	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Dimethyl phthalate	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Di-n-butyl phthalate	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Di-n-octyl phthalate	J	low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Fluoranthene	J	poor MS/MSD precision (65 RPD); low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Hexachlorobenzene	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Isophorone	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%); low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	Nitrobenzene	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB48-095-(0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%); low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	Phenanthrene	J	low B/N SU recovery (39%), low B/N SU recovery (45%); poor field precision (117 RPD); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Phenol	UJ	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	Pyrene	J	poor MS/MSD precision (48 RPD); low B/N SU recovery (39%), low B/N SU recovery (45%); result is between SDL and SQL
SF6SB48-095-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%); low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-096-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SF6SB48-096-(1-2)	Barium	J	poor field precision (68 RPD)
SF6SB48-096-(1-2)	Boron	U	laboratory blank contamination (1.45 B mg/kg); low ave MS/MSD recovery (65%)
SF6SB48-096-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SF6SB48-096-(1-2)	Molybdenum	J	result is between SDL and SQL
SF6SB48-096-(1-2)	Strontium	J	poor field precision (65 RPD)
SF6SB48-096-(1-2)	Mercury	J	result is between SDL and SQL
SF6SB48-096-(1-2)	4,4'-DDT	UJ	calibration drift column 1 (%D= -21), calibration drift column 2 (%D= -24)
SF6SB48-096-(1-2)	gamma-BHC (Lindane)	J	result is between SDL and SQL
SF6SB48-096-(1-2)	1,1-Dichloroethane	J	poor MS/MSD precision (50 RPD)
SF6SB48-096-(1-2)	1,1-Dichloroethene	J	poor MS/MSD precision (41 RPD)
SF6SB48-096-(1-2)	1,2,4-Trichlorobenzene	J	low ave MS/MSD recovery (56.5%); result is between SDL and SQL
SF6SB48-096-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SF6SB48-096-(1-2)	1,2-Dichloroethane	J	poor MS/MSD precision (55 RPD)
SF6SB48-096-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); calibration drift (%D= -23); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD)
SF6SB48-096-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%)
SF6SB48-096-(1-2)	Acetone	J	calibration drift (%D= 46); high LCS recovery (174%); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SF6SB48-096-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SF6SB48-096-(1-2)	Carbon disulfide	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SF6SB48-096-(1-2)	Chloroform	J	poor MS/MSD precision (50 RPD); result is between SDL and SQL
SF6SB48-096-(1-2)	Chloromethane	UJ	calibration drift (%D= -30)
SF6SB48-096-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SF6SB48-096-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SF6SB48-096-(1-2)	Naphthalene	U	laboratory blank contamination (3.36 J ug/Kg); poor MS/MSD precision (48 RPD)
SF6SB48-096-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD)
SF6SB48-096-(1-2)	Trichloroethene	J	result is between SDL and SQL
SF6SB48-096-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SF6SB48-096-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SF6SB48-096-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SF6SB48-096-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SF6SB48-096-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB48-096-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SF6SB48-096-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SF6SB48-096-(1-2)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SF6SB48-096-(1-2)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SF6SB48-096-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SF6SB48-096-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SF6SB48-096-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SF6SB48-096-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=27)
SF6SB48-096-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF6SB48-096-(1-2)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SF6SB48-096-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SF6SB48-096-(1-2)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SF6SB48-096-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SF6SB48-096-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SF6SB48-096-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SF6SB48-096-(1-2)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SF6SB48-096-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SF6SB48-096-(1-2)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SF6SB48-096-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SF6SB48-096-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SF6SB48-096-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SF6SB48-096-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SF6SB48-096-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SF6SB48-096-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SF6SB48-096-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SF6SB48-096-(1-2)	Phenanthrene	J	result is between SDL and SQL
SF6SB48-096-(1-2)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SF6SB48-096-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SF6SB49-097-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SF6SB49-097-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SF6SB49-097-(0-0.5)	Boron	J-	low ave MS/MSD recovery (65%)
SF6SB49-097-(0-0.5)	Lead	J	poor field precision (62 RPD)
SF6SB49-097-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SF6SB49-097-(0-0.5)	Molybdenum	J	result is between SDL and SQL
SF6SB49-097-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SF6SB49-097-(0-0.5)	Tin	J	result is between SDL and SQL
SF6SB49-097-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SF6SB49-097-(0-0.5)	Mercury	J	result is between SDL and SQL
SF6SB49-097-(0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SF6SB49-097-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SF6SB49-097-(0-0.5)	Aroclor-1254	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB49-097-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SF6SB49-097-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SF6SB49-097-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SF6SB49-097-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SF6SB49-097-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SF6SB49-097-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SF6SB49-097-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SF6SB49-097-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SF6SB49-097-(0-0.5)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SF6SB49-097-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SF6SB49-097-(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SF6SB49-097-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF6SB49-097-(0-0.5)	Benzo(k)fluoranthene	UJ	low ave LCS/LCSD recovery (55%)
SF6SB49-097-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SF6SB49-097-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SF6SB49-097-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L)
SF6SB49-097-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SF6SB49-097-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SF6SB49-097-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SF6SB49-097-(0-0.5)	Indeno(1,2,3-cd)pyrene	UJ	low ave MS/MSD recovery (59.5%)
SF6SB49-097-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SF6SB49-097-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SF6SB49-097-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SF6SB49-097-(0-0.5)	Pyrene	J	result is between SDL and SQL
SF6SB49-098 (1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SF6SB49-098 (1-2)	Barium	J	poor field precision (68 RPD)
SF6SB49-098 (1-2)	Boron	J-	low ave MS/MSD recovery (65%)
SF6SB49-098 (1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SF6SB49-098 (1-2)	Molybdenum	J	result is between SDL and SQL
SF6SB49-098 (1-2)	Strontium	J	poor field precision (65 RPD)
SF6SB49-098 (1-2)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SF6SB49-098 (1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SF6SB49-098 (1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SF6SB49-098 (1-2)	2-Butanone	UJ	low ave MS/MSD recovery (56.5%)
SF6SB49-098 (1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%)
SF6SB49-098 (1-2)	Acetone	J	high ave LCS/LCSD recovery (169%); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SF6SB49-098 (1-2)	Chloroform	J	poor MS/MSD precision (50 RPD); result is between SDL and SQL
SF6SB49-098 (1-2)	Cyclohexane	J	result is between SDL and SQL
SF6SB49-098 (1-2)	Ethylbenzene	J	result is between SDL and SQL
SF6SB49-098 (1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SF6SB49-098 (1-2)	Isopropylbenzene (Cumene)	J	result is between SDL and SQL
SF6SB49-098 (1-2)	m,p-Xylene	J	result is between SDL and SQL
SF6SB49-098 (1-2)	Methyl Acetate	UJ	low ave LCS/LCSD recovery (59%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB49-098 (1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SF6SB49-098 (1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -28)
SF6SB49-098 (1-2)	n-Propylbenzene	J	result is between SDL and SQL
SF6SB49-098 (1-2)	o-Xylene	J	result is between SDL and SQL
SF6SB49-098 (1-2)	Toluene	J	poor MS/MSD precision (41 RPD)
SF6SB49-098 (1-2)	Xylene (total)	J	result is between SDL and SQL
SF6SB49-098 (1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SF6SB49-098 (1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SF6SB49-098 (1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SF6SB49-098 (1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SF6SB49-098 (1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SF6SB49-098 (1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SF6SB49-098 (1-2)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SF6SB49-098 (1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SF6SB49-098 (1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SF6SB49-098 (1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26)
SF6SB49-098 (1-2)	Benzo(k)fluoranthene	UJ	low ave LCS/LCSD recovery (55%)
SF6SB49-098 (1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SF6SB49-098 (1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SF6SB49-098 (1-2)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SF6SB49-098 (1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SF6SB49-098 (1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SF6SB49-098 (1-2)	Indeno(1,2,3-cd)pyrene	UJ	low ave MS/MSD recovery (59.5%)
SF6SB49-098 (1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SF6SB49-098 (1-2)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SF6SB49-098 (1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SF6SB50-099-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SF6SB50-099-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (44%)
SF6SB50-099-(0-0.5)	Lead	J	poor field precision (62 RPD)
SF6SB50-099-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SF6SB50-099-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SF6SB50-099-(0-0.5)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SF6SB50-099-(0-0.5)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	2,4,5-Trichlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	2,4,6-Trichlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	2,4-Dichlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	2,4-Dimethylphenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB50-099-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%); low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	2-Chloronaphthalene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	2-Chlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	2-Methylnaphthalene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	2-Nitroaniline	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	2-Nitrophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%); low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	4-Chloro-3-methylphenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	4-Chloroaniline	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	4-Nitroaniline	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%); low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	Acenaphthene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Acenaphthylene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Acetophenone	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Aniline	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Anthracene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Atrazine (Aatrex)	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%); low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Benzo(a)anthracene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%); poor field precision (difference > 3xSQL)
SF6SB50-099-(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (34%), low B/N SU recovery (38%); poor field precision (difference > 3xSQL)
SF6SB50-099-(0-0.5)	Benzo(b)fluoranthene	J	low B/N SU recovery (34%), low B/N SU recovery (38%); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Benzo(g,h,i)perylene	J	low B/N SU recovery (34%), low B/N SU recovery (38%); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Benzyl alcohol	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Biphenyl	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB50-099-(0-0.5)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (2.04 JB ug/L); low B/N SU recovery (34%), low B/N SU recovery (38%); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Butyl benzyl phthalate	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Caprolactam	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Carbazole	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Chrysene	J	low B/N SU recovery (34%), low B/N SU recovery (38%); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Dibenz(a,h)anthracene	J	low B/N SU recovery (34%), low B/N SU recovery (38%); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Dibenzofuran	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Diethyl phthalate	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Dimethyl phthalate	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Di-n-butyl phthalate	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Di-n-octyl phthalate	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Fluoranthene	J	low B/N SU recovery (34%), low B/N SU recovery (38%); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Fluorene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Hexachlorobenzene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Hexachloroethane	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low B/N SU recovery (34%), low B/N SU recovery (38%); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Isophorone	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	m,p-Cresol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	Nitrobenzene	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%); low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	Pentachlorophenol	UJ	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	Phenanthrene	J	low B/N SU recovery (34%), low B/N SU recovery (38%); poor field precision (117 RPD); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%); low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	Pyrene	J	low B/N SU recovery (34%), low B/N SU recovery (38%); result is between SDL and SQL
SF6SB50-099-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-100-(1-2)	Antimony	UJ	low ave MS/MSD recovery (44%)
SF6SB50-100-(1-2)	Barium	J	poor field precision (68 RPD)
SF6SB50-100-(1-2)	Molybdenum	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Strontium	J	poor field precision (65 RPD)
SF6SB50-100-(1-2)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg)
SF6SB50-100-(1-2)	4,4'-DDT	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SF6SB50-100-(1-2)	1,1-Dichloroethane	J	poor MS/MSD precision (50 RPD); result is between SDL and SQL
SF6SB50-100-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB50-100-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	1,3,5-Trimethylbenzene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD)
SF6SB50-100-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SF6SB50-100-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SF6SB50-100-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SF6SB50-100-(1-2)	Benzene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SF6SB50-100-(1-2)	Carbon disulfide	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SF6SB50-100-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SF6SB50-100-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SF6SB50-100-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SF6SB50-100-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SF6SB50-100-(1-2)	Methylene chloride	U	laboratory blank contamination (1.84 J ug/Kg); trip blank contamination (1.49 JB ug/L); calibration drift (%D= -31); poor MS/MSD precision (54 RPD); result is between SDL and SQL
SF6SB50-100-(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SF6SB50-100-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SF6SB50-100-(1-2)	o-Xylene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD)
SF6SB50-100-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SF6SB50-100-(1-2)	Xylene (total)	J	result is between SDL and SQL
SF6SB50-100-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SF6SB50-100-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%)
SF6SB50-100-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SF6SB50-100-(1-2)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SF6SB50-100-(1-2)	Acenaphthylene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Anthracene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61)
SF6SB50-100-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%)
SF6SB50-100-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); result is between SDL and SQL
SF6SB50-100-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%)
SF6SB50-100-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SF6SB50-100-(1-2)	Chrysene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Dibenz(a,h)anthracene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Fluoranthene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Fluorene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF6SB50-100-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SF6SB50-100-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SF6SB50-100-(1-2)	Pyrene	J	result is between SDL and SQL
SF6SB50-100-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)
SF7SB51-101 (0-0.5)	Aluminum	J	poor field precision (55 RPD)
SF7SB51-101 (0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SF7SB51-101 (0-0.5)	Arsenic	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Beryllium	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Boron	U	laboratory blank contamination (1.45 B mg/kg); field blank contamination (0.016 B mg/L); low ave MS/MSD recovery (65%); result is between SDL and SQL
SF7SB51-101 (0-0.5)	Lead	J	poor field precision (62 RPD)
SF7SB51-101 (0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SF7SB51-101 (0-0.5)	Molybdenum	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Strontium	J	poor field precision (67 RPD)
SF7SB51-101 (0-0.5)	Zinc	J	poor field precision (92 RPD)
SF7SB51-101 (0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SF7SB51-101 (0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SF7SB51-101 (0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SF7SB51-101 (0-0.5)	2-Methylnaphthalene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SF7SB51-101 (0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SF7SB51-101 (0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SF7SB51-101 (0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SF7SB51-101 (0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SF7SB51-101 (0-0.5)	Acenaphthene	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SF7SB51-101 (0-0.5)	Anthracene	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SF7SB51-101 (0-0.5)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SF7SB51-101 (0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL); result is between SDL and SQL
SF7SB51-101 (0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL); result is between SDL and SQL
SF7SB51-101 (0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Benzo(k)fluoranthene	UJ	low ave LCS/LCSD recovery (55%)
SF7SB51-101 (0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SF7SB51-101 (0-0.5)	Biphenyl	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SF7SB51-101 (0-0.5)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SF7SB51-101 (0-0.5)	Chrysene	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Fluoranthene	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Fluorene	J	result is between SDL and SQL
SF7SB51-101 (0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SF7SB51-101 (0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF7SB51-101 (0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SF7SB51-101 (0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SF7SB51-101 (0-0.5)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SF7SB51-101 (0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SF7SB51-101 (0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SF7SB51-101 (0-0.5)	Pyrene	J	result is between SDL and SQL
SF7SB51-102 (1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SF7SB51-102 (1-2)	Barium	J	poor field precision (68 RPD)
SF7SB51-102 (1-2)	Boron	J-	low ave MS/MSD recovery (65%)
SF7SB51-102 (1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SF7SB51-102 (1-2)	Molybdenum	J	result is between SDL and SQL
SF7SB51-102 (1-2)	Strontium	J	poor field precision (65 RPD)
SF7SB51-102 (1-2)	Mercury	J	result is between SDL and SQL
SF7SB51-102 (1-2)	4,4'-DDT	J	calibration drift column 1 (%D= 20); high ave LCS/LCSD recovery (145.5%); low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD); result is between SDL and SQL
SF7SB51-102 (1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SF7SB51-102 (1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SF7SB51-102 (1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD)
SF7SB51-102 (1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SF7SB51-102 (1-2)	Acetone	J	poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL)
SF7SB51-102 (1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SF7SB51-102 (1-2)	Benzene	J	result is between SDL and SQL
SF7SB51-102 (1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SF7SB51-102 (1-2)	Carbon disulfide	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SF7SB51-102 (1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SF7SB51-102 (1-2)	Ethylbenzene	J	result is between SDL and SQL
SF7SB51-102 (1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SF7SB51-102 (1-2)	m,p-Xylene	J	result is between SDL and SQL
SF7SB51-102 (1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SF7SB51-102 (1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SF7SB51-102 (1-2)	Naphthalene	J	calibration drift (%D= 23); poor MS/MSD precision (48 RPD)
SF7SB51-102 (1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SF7SB51-102 (1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SF7SB51-102 (1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SF7SB51-102 (1-2)	Xylene (total)	J	result is between SDL and SQL
SF7SB51-102 (1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SF7SB51-102 (1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SF7SB51-102 (1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SF7SB51-102 (1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SF7SB51-102 (1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SF7SB51-102 (1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SF7SB51-102 (1-2)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SF7SB51-102 (1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SF7SB51-102 (1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SF7SB51-102 (1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26)
SF7SB51-102 (1-2)	Benzo(k)fluoranthene	UJ	low ave LCS/LCSD recovery (55%)
SF7SB51-102 (1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SF7SB51-102 (1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SF7SB51-102 (1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SF7SB51-102 (1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SF7SB51-102 (1-2)	Indeno(1,2,3-cd)pyrene	UJ	low ave MS/MSD recovery (59.5%)
SF7SB51-102 (1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SF7SB51-102 (1-2)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SF7SB51-102 (1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SG2SB54-107 -(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SG2SB54-107 -(0-0.5)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SG2SB54-107 -(0-0.5)	Arsenic	J	result is between SDL and SQL
SG2SB54-107 -(0-0.5)	Lead	J	poor field precision (62 RPD)
SG2SB54-107 -(0-0.5)	Lithium	J	result is between SDL and SQL
SG2SB54-107 -(0-0.5)	Molybdenum	J	result is between SDL and SQL
SG2SB54-107 -(0-0.5)	Strontium	J	poor field precision (67 RPD)
SG2SB54-107 -(0-0.5)	Zinc	J	poor field precision (92 RPD)
SG2SB54-107 -(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SG2SB54-107 -(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SG2SB54-107 -(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%)
SG2SB54-107 -(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SG2SB54-107 -(0-0.5)	4-Nitrophenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SG2SB54-107 -(0-0.5)	Benzidine	UJ	calibration drift (%D= -66); low ave MS/MSD recovery (49%)
SG2SB54-107 -(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SG2SB54-107 -(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SG2SB54-107 -(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SG2SB54-107 -(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%)
SG2SB54-107 -(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg)
SG2SB54-107 -(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SG2SB54-107 -(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SG2SB54-108- (1-2)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SG2SB54-108- (1-2)	Barium	J	poor field precision (68 RPD)
SG2SB54-108- (1-2)	Strontium	J	poor field precision (65 RPD)
SG2SB54-108- (1-2)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg); result is between SDL and SQL
SG2SB54-108- (1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SG2SB54-108- (1-2)	Endrin ketone	J	result is between SDL and SQL
SG2SB54-108- (1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SG2SB54-108- (1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG2SB54-108- (1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SG2SB54-108- (1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SG2SB54-108- (1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SG2SB54-108- (1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SG2SB54-108- (1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SG2SB54-108- (1-2)	Cyclohexane	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Ethylbenzene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SG2SB54-108- (1-2)	m,p-Xylene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SG2SB54-108- (1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SG2SB54-108- (1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SG2SB54-108- (1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SG2SB54-108- (1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SG2SB54-108- (1-2)	o-Xylene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SG2SB54-108- (1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SG2SB54-108- (1-2)	Xylene (total)	J	result is between SDL and SQL
SG2SB54-108- (1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SG2SB54-108- (1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%)
SG2SB54-108- (1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SG2SB54-108- (1-2)	4-Nitrophenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SG2SB54-108- (1-2)	Acenaphthene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Anthracene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61)
SG2SB54-108- (1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave MS/MSD recovery (49%)
SG2SB54-108- (1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); result is between SDL and SQL
SG2SB54-108- (1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%)
SG2SB54-108- (1-2)	Chrysene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Fluoranthene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Fluorene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SG2SB54-108- (1-2)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SG2SB54-108- (1-2)	Pyrene	J	result is between SDL and SQL
SG2SB54-108- (1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)
SG3SB55-109 -(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SG3SB55-109 -(0-0.5)	Antimony	J-	extremely low ave MS/MSD recovery (8%)
SG3SB55-109 -(0-0.5)	Boron	UJ	low ave MS/MSD recovery (68%)
SG3SB55-109 -(0-0.5)	Lead	J	poor field precision (62 RPD)
SG3SB55-109 -(0-0.5)	Molybdenum	UJ	low ave MS/MSD recovery (67.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG3SB55-109 -(0-0.5)	Strontium	J	poor field precision (67 RPD)
SG3SB55-109 -(0-0.5)	Zinc	J	poor field precision (92 RPD)
SG3SB55-109 -(0-0.5)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg)
SG3SB55-109 -(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SG3SB55-109 -(0-0.5)	Endrin aldehyde	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SG3SB55-109 -(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%)
SG3SB55-109 -(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SG3SB55-109 -(0-0.5)	4-Nitrophenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SG3SB55-109 -(0-0.5)	Acenaphthene	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Anthracene	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Benzaldehyde	UJ	calibration drift (%D= -28)
SG3SB55-109 -(0-0.5)	Benzidine	UJ	calibration drift (%D= -71); low ave MS/MSD recovery (49%)
SG3SB55-109 -(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SG3SB55-109 -(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SG3SB55-109 -(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%)
SG3SB55-109 -(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (1.23 JB ug/L)
SG3SB55-109 -(0-0.5)	Butyl benzyl phthalate	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Carbazole	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Di-n-octyl phthalate	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Fluorene	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SG3SB55-109 -(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SG3SB55-109 -(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SG3SB55-109 -(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SG3SB55-110 -(1-2)	Antimony	R	extremely low ave MS/MSD recovery (8%)
SG3SB55-110 -(1-2)	Barium	J	poor field precision (68 RPD)
SG3SB55-110 -(1-2)	Boron	J-	low ave MS/MSD recovery (68%)
SG3SB55-110 -(1-2)	Molybdenum	J	low ave MS/MSD recovery (67.5%); result is between SDL and SQL
SG3SB55-110 -(1-2)	Strontium	J	poor field precision (65 RPD)
SG3SB55-110 -(1-2)	Mercury	U	laboratory blank contamination (0.0079 B mg/kg)
SG3SB55-110 -(1-2)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SG3SB55-110 -(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SG3SB55-110 -(1-2)	2-Chloroethylvinyl ether	UJ	poor calibration fit (%RSD=26)
SG3SB55-110 -(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SG3SB55-110 -(1-2)	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW), 15x (SB)
SG3SB55-110 -(1-2)	Chloroethane	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW/SB)
SG3SB55-110 -(1-2)	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 2x (SW/GW) or 50x (Sed/SB)
SG3SB55-110 -(1-2)	Trichlorofluoromethane	UJ	low ave MS/MSD recovery (34.5%)
SG3SB55-110 -(1-2)	Vinyl chloride	UJ	poor calibration fit (%RSD=16)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG3SB55-110 -(1-2)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SG3SB55-110 -(1-2)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	2-Chloronaphthalene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	2-Nitroaniline	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SG3SB55-110 -(1-2)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Acenaphthene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Acenaphthylene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Acetophenone	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Anthracene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Atrazine (Aatrex)	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzo(a)anthracene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzo(b)fluoranthene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzo(g,h,i)perylene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Benzyl alcohol	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Biphenyl	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Bis(2-Ethylhexyl)phthalate	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Butyl benzyl phthalate	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Caprolactam	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Carbazole	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Chrysene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG3SB55-110 -(1-2)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Dibenzofuran	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Diethyl phthalate	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Dimethyl phthalate	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Di-n-butyl phthalate	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Di-n-octyl phthalate	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Fluoranthene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Fluorene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Hexachlorobenzene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Indeno(1,2,3-cd)pyrene	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Isophorone	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Phenanthrene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)
SG3SB55-110 -(1-2)	Pyrene	UJ	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (45%), low B/N SU recovery (49%)
SG4SB56-111-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SG4SB56-111-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SG4SB56-111-(0-0.5)	Beryllium	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (47%)
SG4SB56-111-(0-0.5)	Lead	J	poor field precision (62 RPD)
SG4SB56-111-(0-0.5)	Molybdenum	J	low ave MS/MSD recovery (68%); result is between SDL and SQL
SG4SB56-111-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SG4SB56-111-(0-0.5)	Zinc	J	poor MS/MSD precision (62 RPD); poor field precision (92 RPD)
SG4SB56-111-(0-0.5)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SG4SB56-111-(0-0.5)	4,4'-DDT	J	poor MS/MSD precision (128 RPD)
SG4SB56-111-(0-0.5)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SG4SB56-111-(0-0.5)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SG4SB56-111-(0-0.5)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SG4SB56-111-(0-0.5)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SG4SB56-111-(0-0.5)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SG4SB56-111-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SG4SB56-111-(0-0.5)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SG4SB56-111-(0-0.5)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SG4SB56-111-(0-0.5)	Endrin aldehyde	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Endrin ketone	J-	low ave MS/MSD recovery (37.5%)
SG4SB56-111-(0-0.5)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SG4SB56-111-(0-0.5)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SG4SB56-111-(0-0.5)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG4SB56-111-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SG4SB56-111-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SG4SB56-111-(0-0.5)	2-Methylnaphthalene	J	low ave LCS/LCSD recovery (59.5%); result is between SDL and SQL
SG4SB56-111-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SG4SB56-111-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SG4SB56-111-(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Acetophenone	U	field blank contamination (0.899 J ug/L); result is between SDL and SQL
SG4SB56-111-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SG4SB56-111-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SG4SB56-111-(0-0.5)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)
SG4SB56-111-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SG4SB56-111-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SG4SB56-111-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SG4SB56-111-(0-0.5)	Biphenyl	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SG4SB56-111-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L)
SG4SB56-111-(0-0.5)	Butyl benzyl phthalate	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Carbazole	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Dibenzofuran	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Di-n-butyl phthalate	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SG4SB56-111-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SG4SB56-111-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SG4SB56-111-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SG4SB56-111-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SG4SB56-111-(0-0.5)	Pyrene	J-	low ave MS/MSD recovery (52%)
SG4SB56-111-(0-0.5)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SG4SB56-112-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SG4SB56-112-(1-2)	Barium	J	poor field precision (68 RPD)
SG4SB56-112-(1-2)	Beryllium	J	result is between SDL and SQL
SG4SB56-112-(1-2)	Boron	UJ	low ave MS/MSD recovery (47%)
SG4SB56-112-(1-2)	Cadmium	J	result is between SDL and SQL
SG4SB56-112-(1-2)	Molybdenum	UJ	low ave MS/MSD recovery (68%)
SG4SB56-112-(1-2)	Strontium	J	poor field precision (65 RPD)
SG4SB56-112-(1-2)	Zinc	J	poor MS/MSD precision (62 RPD)
SG4SB56-112-(1-2)	Mercury	U	laboratory blank contamination (0.0033 B mg/kg)
SG4SB56-112-(1-2)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SG4SB56-112-(1-2)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SG4SB56-112-(1-2)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SG4SB56-112-(1-2)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SG4SB56-112-(1-2)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SG4SB56-112-(1-2)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SG4SB56-112-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG4SB56-112-(1-2)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SG4SB56-112-(1-2)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SG4SB56-112-(1-2)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SG4SB56-112-(1-2)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SG4SB56-112-(1-2)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SG4SB56-112-(1-2)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SG4SB56-112-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SG4SB56-112-(1-2)	2-Chloroethylvinyl ether	UJ	poor calibration fit (%RSD=26)
SG4SB56-112-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SG4SB56-112-(1-2)	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW), 15x (SB)
SG4SB56-112-(1-2)	Chloroethane	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW/SB)
SG4SB56-112-(1-2)	Methylene chloride	J	result is between SDL and SQL
SG4SB56-112-(1-2)	Naphthalene	J	result is between SDL and SQL
SG4SB56-112-(1-2)	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 2x (SW/GW) or 50x (Sed/SB)
SG4SB56-112-(1-2)	Trichlorofluoromethane	UJ	low ave MS/MSD recovery (34.5%)
SG4SB56-112-(1-2)	Vinyl chloride	UJ	poor calibration fit (%RSD=16)
SG4SB56-112-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SG4SB56-112-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SG4SB56-112-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SG4SB56-112-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SG4SB56-112-(1-2)	Acenaphthylene	J	result is between SDL and SQL
SG4SB56-112-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SG4SB56-112-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SG4SB56-112-(1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave MS/MSD recovery (15%)
SG4SB56-112-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); result is between SDL and SQL
SG4SB56-112-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SG4SB56-112-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SG4SB56-112-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SG4SB56-112-(1-2)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SG4SB56-112-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SG4SB56-112-(1-2)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SG4SB56-112-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SG4SB56-112-(1-2)	Pyrene	UJ	low ave MS/MSD recovery (52%)
SG4SB56-112-(1-2)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SG5SB57-113-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SG5SB57-113-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SG5SB57-113-(0-0.5)	Boron	J-	low ave MS/MSD recovery (65%)
SG5SB57-113-(0-0.5)	Lead	J	poor field precision (62 RPD)
SG5SB57-113-(0-0.5)	Manganese	J	poor MS/MSD precision (41 RPD)
SG5SB57-113-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SG5SB57-113-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SG5SB57-113-(0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SG5SB57-113-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SG5SB57-113-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (40.5%)
SG5SB57-113-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG5SB57-113-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (50%); low ave MS/MSD recovery (55%)
SG5SB57-113-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (55.5%)
SG5SB57-113-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (44%); low ave MS/MSD recovery (55.5%)
SG5SB57-113-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SG5SB57-113-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (58%)
SG5SB57-113-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (56.5%)
SG5SB57-113-(0-0.5)	Benzidine	UJ	calibration drift (%D= -52); low ave LCS/LCSD recovery (43.5%); low ave MS/MSD recovery (6%)
SG5SB57-113-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL); result is between SDL and SQL
SG5SB57-113-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL); result is between SDL and SQL
SG5SB57-113-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SG5SB57-113-(0-0.5)	Benzo(k)fluoranthene	UJ	low ave LCS/LCSD recovery (55%)
SG5SB57-113-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (27.5%)
SG5SB57-113-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave MS/MSD recovery (53.5%)
SG5SB57-113-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SG5SB57-113-(0-0.5)	Chrysene	J	result is between SDL and SQL
SG5SB57-113-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SG5SB57-113-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SG5SB57-113-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (33.5%)
SG5SB57-113-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SG5SB57-113-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SG5SB57-113-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave MS/MSD recovery (53.5%)
SG5SB57-113-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD); result is between SDL and SQL
SG5SB57-113-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (59%)
SG5SB57-113-(0-0.5)	Pyrene	J	result is between SDL and SQL
SG5SB57-114-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (22.5%)
SG5SB57-114-(1-2)	Barium	J	poor field precision (68 RPD)
SG5SB57-114-(1-2)	Boron	J-	low ave MS/MSD recovery (65%)
SG5SB57-114-(1-2)	Manganese	J	poor MS/MSD precision (41 RPD)
SG5SB57-114-(1-2)	Molybdenum	J	result is between SDL and SQL
SG5SB57-114-(1-2)	Strontium	J	poor field precision (65 RPD)
SG5SB57-114-(1-2)	Mercury	J	result is between SDL and SQL
SG5SB57-114-(1-2)	4,4'-DDT	UJ	calibration drift column 1 (%D= -21), calibration drift column 2 (%D= -24)
SG5SB57-114-(1-2)	2-Chloroethylvinyl ether	UJ	poor calibration fit (%RSD=26)
SG5SB57-114-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SG5SB57-114-(1-2)	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW), 15x (SB)
SG5SB57-114-(1-2)	Chloroethane	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW/SB)
SG5SB57-114-(1-2)	Methylene chloride	J	result is between SDL and SQL
SG5SB57-114-(1-2)	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 2x (SW/GW) or 50x (Sed/SB)
SG5SB57-114-(1-2)	Trichlorofluoromethane	UJ	low ave MS/MSD recovery (34.5%)
SG5SB57-114-(1-2)	Vinyl chloride	UJ	poor calibration fit (%RSD=16)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG5SB57-114-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SG5SB57-114-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SG5SB57-114-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SG5SB57-114-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SG5SB57-114-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SG5SB57-114-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SG5SB57-114-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SG5SB57-114-(1-2)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SG5SB57-114-(1-2)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SG5SB57-114-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SG5SB57-114-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SG5SB57-114-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SG5SB57-114-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=27)
SG5SB57-114-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SG5SB57-114-(1-2)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SG5SB57-114-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SG5SB57-114-(1-2)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SG5SB57-114-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SG5SB57-114-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SG5SB57-114-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SG5SB57-114-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SG5SB57-114-(1-2)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SG5SB57-114-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SG5SB57-114-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SG5SB57-114-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SG5SB57-114-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SG5SB57-114-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SG5SB57-114-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SG5SB57-114-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SG5SB57-114-(1-2)	Phenanthrene	J	result is between SDL and SQL
SG5SB57-114-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SG5SB58-115-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SG5SB58-115-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SG5SB58-115-(0-0.5)	Iron	J	poor MS/MSD precision (53 RPD)
SG5SB58-115-(0-0.5)	Lead	J	poor MS/MSD precision (34 RPD); poor field precision (62 RPD)
SG5SB58-115-(0-0.5)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (67 RPD)
SG5SB58-115-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SG5SB58-115-(0-0.5)	4,4'-DDT	J	calibration drift column 1 (%D= -22), calibration drift column 2 (%D= -23); low ave MS/MSD recovery (52.5%); poor MS/MSD precision (56 RPD); result is between SDL and SQL
SG5SB58-115-(0-0.5)	alpha-Chlordane	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG5SB58-115-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SG5SB58-115-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SG5SB58-115-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SG5SB58-115-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SG5SB58-115-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SG5SB58-115-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SG5SB58-115-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SG5SB58-115-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)
SG5SB58-115-(0-0.5)	Anthracene	J	result is between SDL and SQL
SG5SB58-115-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SG5SB58-115-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SG5SB58-115-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SG5SB58-115-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL); result is between SDL and SQL
SG5SB58-115-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SG5SB58-115-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SG5SB58-115-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SG5SB58-115-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SG5SB58-115-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SG5SB58-115-(0-0.5)	Butyl benzyl phthalate	J	result is between SDL and SQL
SG5SB58-115-(0-0.5)	Carbazole	J	result is between SDL and SQL
SG5SB58-115-(0-0.5)	Chrysene	J	result is between SDL and SQL
SG5SB58-115-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SG5SB58-115-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SG5SB58-115-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SG5SB58-115-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SG5SB58-115-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SG5SB58-115-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SG5SB58-115-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SG5SB58-115-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SG5SB58-115-(0-0.5)	Pyrene	J	result is between SDL and SQL
SG5SB58-115-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SG5SB58-116-(1-2)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SG5SB58-116-(1-2)	Barium	J	poor field precision (68 RPD)
SG5SB58-116-(1-2)	Iron	J	poor MS/MSD precision (53 RPD)
SG5SB58-116-(1-2)	Lead	J	poor MS/MSD precision (34 RPD)
SG5SB58-116-(1-2)	Molybdenum	J	result is between SDL and SQL
SG5SB58-116-(1-2)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (65 RPD)
SG5SB58-116-(1-2)	4,4'-DDT	UJ	calibration drift column 1 (%D= -22), calibration drift column 2 (%D= -23); low ave MS/MSD recovery (52.5%)
SG5SB58-116-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SG5SB58-116-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); calibration drift (%D= -27); poor LCS/LCSD precision (43 RPD); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG5SB58-116-(1-2)	2-Chloroethylvinyl ether	UJ	calibration drift (%D= -47); low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (24.5%)
SG5SB58-116-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SG5SB58-116-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SG5SB58-116-(1-2)	Benzene	J	poor MS/MSD precision (42 RPD); result is between SDL and SQL
SG5SB58-116-(1-2)	Chloromethane	UJ	calibration drift (%D= -27)
SG5SB58-116-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SG5SB58-116-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (47.5%)
SG5SB58-116-(1-2)	Methylcyclohexane	J	result is between SDL and SQL
SG5SB58-116-(1-2)	Methylene chloride	UJ	calibration drift (%D= -24); low ave MS/MSD recovery (57%)
SG5SB58-116-(1-2)	Toluene	J	result is between SDL and SQL
SG5SB58-116-(1-2)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SG5SB58-116-(1-2)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	2-Chloronaphthalene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	2-Nitroaniline	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SG5SB58-116-(1-2)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Acenaphthene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Acenaphthylene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Acetophenone	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Anthracene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Atrazine (Aatrex)	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Benzo(a)anthracene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Benzo(b)fluoranthene	J	low B/N SU recovery (48%), low B/N SU recovery (56%); result is between SDL and SQL
SG5SB58-116-(1-2)	Benzo(g,h,i)perylene	J	low B/N SU recovery (48%), low B/N SU recovery (56%); result is between SDL and SQL
SG5SB58-116-(1-2)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG5SB58-116-(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Benzyl alcohol	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Biphenyl	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); low B/N SU recovery (48%), low B/N SU recovery (56%); result is between SDL and SQL
SG5SB58-116-(1-2)	Butyl benzyl phthalate	J	low B/N SU recovery (48%), low B/N SU recovery (56%); result is between SDL and SQL
SG5SB58-116-(1-2)	Caprolactam	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Carbazole	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Chrysene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Dibenzofuran	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Diethyl phthalate	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Dimethyl phthalate	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Di-n-butyl phthalate	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Di-n-octyl phthalate	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Fluoranthene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Fluorene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Hexachlorobenzene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); low B/N SU recovery (48%), low B/N SU recovery (56%); result is between SDL and SQL
SG5SB58-116-(1-2)	Isophorone	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Phenanthrene	J	low B/N SU recovery (48%), low B/N SU recovery (56%); result is between SDL and SQL
SG5SB58-116-(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)
SG5SB58-116-(1-2)	Pyrene	UJ	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (48%), low B/N SU recovery (56%)
SG6SB59-117-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SG6SB59-117-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SG6SB59-117-(0-0.5)	Iron	J	poor MS/MSD precision (53 RPD)
SG6SB59-117-(0-0.5)	Lead	J	poor MS/MSD precision (34 RPD); poor field precision (62 RPD)
SG6SB59-117-(0-0.5)	Molybdenum	J	result is between SDL and SQL
SG6SB59-117-(0-0.5)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (67 RPD)
SG6SB59-117-(0-0.5)	Zinc	J	poor field precision (92 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG6SB59-117-(0-0.5)	Mercury	U	laboratory blank contamination (0.0066 B mg/kg); result is between SDL and SQL
SG6SB59-117-(0-0.5)	Endosulfan sulfate	J	result is between SDL and SQL
SG6SB59-117-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SG6SB59-117-(0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SG6SB59-117-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SG6SB59-117-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SG6SB59-117-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SG6SB59-117-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SG6SB59-117-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SG6SB59-117-(0-0.5)	Acenaphthene	J	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%); result is between SDL and SQL
SG6SB59-117-(0-0.5)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SG6SB59-117-(0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SG6SB59-117-(0-0.5)	Anthracene	J	result is between SDL and SQL
SG6SB59-117-(0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SG6SB59-117-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27)
SG6SB59-117-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SG6SB59-117-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); poor field precision (difference > 3xSQL)
SG6SB59-117-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SG6SB59-117-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SG6SB59-117-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SG6SB59-117-(0-0.5)	Biphenyl	J	low ave MS/MSD recovery (57%); result is between SDL and SQL
SG6SB59-117-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SG6SB59-117-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	field blank contamination (2.04 JB ug/L)
SG6SB59-117-(0-0.5)	Butyl benzyl phthalate	J	result is between SDL and SQL
SG6SB59-117-(0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SG6SB59-117-(0-0.5)	Carbazole	J	result is between SDL and SQL
SG6SB59-117-(0-0.5)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SG6SB59-117-(0-0.5)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SG6SB59-117-(0-0.5)	Dimethyl phthalate	J	result is between SDL and SQL
SG6SB59-117-(0-0.5)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SG6SB59-117-(0-0.5)	Fluorene	J	low ave LCS/LCSD recovery (58.5%); result is between SDL and SQL
SG6SB59-117-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SG6SB59-117-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SG6SB59-117-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SG6SB59-117-(0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SG6SB59-117-(0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SG6SB59-117-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SG6SB59-117-(0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SG6SB59-117-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG6SB59-117-(0-0.5)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SG6SB59-117-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SG6SB59-118-(1-2)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SG6SB59-118-(1-2)	Barium	J	poor field precision (68 RPD)
SG6SB59-118-(1-2)	Iron	J	poor MS/MSD precision (53 RPD)
SG6SB59-118-(1-2)	Lead	J	poor MS/MSD precision (34 RPD)
SG6SB59-118-(1-2)	Molybdenum	J	result is between SDL and SQL
SG6SB59-118-(1-2)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (65 RPD)
SG6SB59-118-(1-2)	4,4'-DDT	J	poor MS/MSD precision (60 RPD)
SG6SB59-118-(1-2)	1,2-Dichloroethane	J	result is between SDL and SQL
SG6SB59-118-(1-2)	2-Butanone	U	laboratory blank contamination (1.05 J ug/Kg); poor calibration fit (%RSD=27); result is between SDL and SQL
SG6SB59-118-(1-2)	2-Chloroethylvinyl ether	UJ	calibration drift (%D= -63); low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (24.5%)
SG6SB59-118-(1-2)	Acetone	U	laboratory blank contamination (3.91 J ug/Kg); field blank contamination (3.26 J ug/L); calibration drift (%D= 30); poor MS/MSD precision (49 RPD); poor field precision (difference > 3xSQL); result is between SDL and SQL
SG6SB59-118-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SG6SB59-118-(1-2)	Benzene	J	poor MS/MSD precision (42 RPD); result is between SDL and SQL
SG6SB59-118-(1-2)	Bromomethane	UJ	calibration drift (%D= -22)
SG6SB59-118-(1-2)	Chloromethane	UJ	calibration drift (%D= -26)
SG6SB59-118-(1-2)	Cyclohexane	J	poor MS/MSD precision (178 RPD); result is between SDL and SQL
SG6SB59-118-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SG6SB59-118-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (47.5%)
SG6SB59-118-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SG6SB59-118-(1-2)	Methylcyclohexane	J	result is between SDL and SQL
SG6SB59-118-(1-2)	Methylene chloride	UJ	calibration drift (%D= -26); low ave MS/MSD recovery (57%)
SG6SB59-118-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -22)
SG6SB59-118-(1-2)	Xylene (total)	J	result is between SDL and SQL
SG6SB59-118-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SG6SB59-118-(1-2)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SG6SB59-118-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SG6SB59-118-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SG6SB59-118-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SG6SB59-118-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SG6SB59-118-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SG6SB59-118-(1-2)	Acenaphthene	UJ	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%)
SG6SB59-118-(1-2)	Acenaphthylene	J-	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SG6SB59-118-(1-2)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SG6SB59-118-(1-2)	Anthracene	J	result is between SDL and SQL
SG6SB59-118-(1-2)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SG6SB59-118-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=27)
SG6SB59-118-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); result is between SDL and SQL
SG6SB59-118-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG6SB59-118-(1-2)	Benzo(g,h,i)perylene	U	laboratory blank contamination (26.7 J ug/Kg); result is between SDL and SQL
SG6SB59-118-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SG6SB59-118-(1-2)	Biphenyl	UJ	low ave MS/MSD recovery (57%)
SG6SB59-118-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SG6SB59-118-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SG6SB59-118-(1-2)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SG6SB59-118-(1-2)	Chrysene	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SG6SB59-118-(1-2)	Dibenzofuran	UJ	low ave LCS/LCSD recovery (56.5%)
SG6SB59-118-(1-2)	Fluoranthene	J	poor MS/MSD precision (65 RPD); result is between SDL and SQL
SG6SB59-118-(1-2)	Fluorene	UJ	low ave LCS/LCSD recovery (58.5%)
SG6SB59-118-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SG6SB59-118-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SG6SB59-118-(1-2)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD); result is between SDL and SQL
SG6SB59-118-(1-2)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SG6SB59-118-(1-2)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SG6SB59-118-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SG6SB59-118-(1-2)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SG6SB59-118-(1-2)	Phenanthrene	J	result is between SDL and SQL
SG6SB59-118-(1-2)	Pyrene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SG6SB59-118-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SG7SB60-119-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SG7SB60-119-(0-0.5)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SG7SB60-119-(0-0.5)	Arsenic	J	result is between SDL and SQL
SG7SB60-119-(0-0.5)	Lead	J	poor field precision (62 RPD)
SG7SB60-119-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SG7SB60-119-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SG7SB60-119-(0-0.5)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg)
SG7SB60-119-(0-0.5)	4,4'-DDT	J	result is between SDL and SQL
SG7SB60-119-(0-0.5)	alpha-Chlordane	J	result is between SDL and SQL
SG7SB60-119-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SG7SB60-119-(0-0.5)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SG7SB60-119-(0-0.5)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	2-Chloronaphthalene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	2-Methylnaphthalene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	2-Nitroaniline	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (49%), low B/N SU recovery (57%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG7SB60-119-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SG7SB60-119-(0-0.5)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	4-Chloroaniline	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	4-Nitroaniline	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SG7SB60-119-(0-0.5)	Acenaphthene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Acenaphthylene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Acetophenone	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Aniline	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Anthracene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Atrazine (Aatrex)	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%); low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Benzo(a)anthracene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%); poor field precision (difference > 3xSQL)
SG7SB60-119-(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (49%), low B/N SU recovery (57%); poor field precision (difference > 3xSQL)
SG7SB60-119-(0-0.5)	Benzo(b)fluoranthene	J	low B/N SU recovery (49%), low B/N SU recovery (57%); result is between SDL and SQL
SG7SB60-119-(0-0.5)	Benzo(g,h,i)perylene	J	low B/N SU recovery (49%), low B/N SU recovery (57%); result is between SDL and SQL
SG7SB60-119-(0-0.5)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Benzyl alcohol	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Biphenyl	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (2.04 JB ug/L); low B/N SU recovery (49%), low B/N SU recovery (57%); result is between SDL and SQL
SG7SB60-119-(0-0.5)	Butyl benzyl phthalate	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Caprolactam	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Carbazole	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Chrysene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Dibenzofuran	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Diethyl phthalate	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Dimethyl phthalate	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Di-n-butyl phthalate	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Di-n-octyl phthalate	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Fluoranthene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Fluorene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Hexachlorobenzene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG7SB60-119-(0-0.5)	Hexachloroethane	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low B/N SU recovery (49%), low B/N SU recovery (57%); result is between SDL and SQL
SG7SB60-119-(0-0.5)	Isophorone	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Nitrobenzene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SG7SB60-119-(0-0.5)	Phenanthrene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SG7SB60-119-(0-0.5)	Pyrene	UJ	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-120-(1-2)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SG7SB60-120-(1-2)	Arsenic	J	result is between SDL and SQL
SG7SB60-120-(1-2)	Barium	J	poor field precision (68 RPD)
SG7SB60-120-(1-2)	Cadmium	J	result is between SDL and SQL
SG7SB60-120-(1-2)	Strontium	J	poor field precision (65 RPD)
SG7SB60-120-(1-2)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg); result is between SDL and SQL
SG7SB60-120-(1-2)	4,4'-DDT	J	result is between SDL and SQL
SG7SB60-120-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SG7SB60-120-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SG7SB60-120-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SG7SB60-120-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SG7SB60-120-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SG7SB60-120-(1-2)	Acetone	U	field blank contamination (3.26 J ug/L); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL); result is between SDL and SQL
SG7SB60-120-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SG7SB60-120-(1-2)	Benzene	J	result is between SDL and SQL
SG7SB60-120-(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SG7SB60-120-(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SG7SB60-120-(1-2)	Cyclohexane	J	result is between SDL and SQL
SG7SB60-120-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SG7SB60-120-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SG7SB60-120-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SG7SB60-120-(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SG7SB60-120-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SG7SB60-120-(1-2)	Methylene chloride	U	laboratory blank contamination (1.84 J ug/Kg); trip blank contamination (1.49 JB ug/L); calibration drift (%D= -31); poor MS/MSD precision (54 RPD); result is between SDL and SQL
SG7SB60-120-(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SG7SB60-120-(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SG7SB60-120-(1-2)	n-Propylbenzene	J	result is between SDL and SQL
SG7SB60-120-(1-2)	o-Xylene	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG7SB60-120-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD)
SG7SB60-120-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SG7SB60-120-(1-2)	Xylene (total)	J	result is between SDL and SQL
SG7SB60-120-(1-2)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	2,4,5-Trichlorophenol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	2,4,6-Trichlorophenol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	2,4-Dichlorophenol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	2,4-Dimethylphenol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%); low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	2-Chloronaphthalene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	2-Chlorophenol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	2-Methylnaphthalene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	2-Nitroaniline	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	2-Nitrophenol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%); low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	4-Chloro-3-methylphenol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	4-Chloroaniline	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	4-Nitroaniline	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%); low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	Acenaphthene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Acenaphthylene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Acetophenone	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Aniline	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Anthracene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Atrazine (Aatrex)	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%); low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Benzo(a)anthracene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (38%), low B/N SU recovery (39%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SG7SB60-120-(1-2)	Benzo(b)fluoranthene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Benzo(g,h,i)perylene	J	low B/N SU recovery (38%), low B/N SU recovery (39%); result is between SDL and SQL
SG7SB60-120-(1-2)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Benzyl alcohol	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Biphenyl	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (2.04 JB ug/L); low B/N SU recovery (38%), low B/N SU recovery (39%); result is between SDL and SQL
SG7SB60-120-(1-2)	Butyl benzyl phthalate	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Caprolactam	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Carbazole	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Chrysene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Dibenzofuran	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Diethyl phthalate	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Dimethyl phthalate	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Di-n-butyl phthalate	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Di-n-octyl phthalate	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Fluoranthene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Fluorene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Hexachlorobenzene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Hexachloroethane	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Indeno(1,2,3-cd)pyrene	J	low B/N SU recovery (38%), low B/N SU recovery (39%); result is between SDL and SQL
SG7SB60-120-(1-2)	Isophorone	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	m,p-Cresol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	Nitrobenzene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%); low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	Pentachlorophenol	UJ	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	Phenanthrene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%); low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	Pyrene	UJ	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (38%), low B/N SU recovery (39%)
SH2SB62-123 -(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SH2SB62-123 -(0-0.5)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SH2SB62-123 -(0-0.5)	Arsenic	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH2SB62-123 -(0-0.5)	Lead	J	poor field precision (62 RPD)
SH2SB62-123 -(0-0.5)	Strontium	J	poor field precision (67 RPD)
SH2SB62-123 -(0-0.5)	Zinc	J	poor field precision (92 RPD)
SH2SB62-123 -(0-0.5)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg); result is between SDL and SQL
SH2SB62-123 -(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SH2SB62-123 -(0-0.5)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	2,4,5-Trichlorophenol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	2,4,6-Trichlorophenol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	2,4-Dichlorophenol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	2,4-Dimethylphenol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%); low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	2-Chloronaphthalene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	2-Chlorophenol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	2-Methylnaphthalene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	2-Nitroaniline	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	2-Nitrophenol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%); low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	4-Chloro-3-methylphenol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	4-Chloroaniline	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	4-Nitroaniline	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	4-Nitrophenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%); low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	Acenaphthene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Acenaphthylene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Acetophenone	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Aniline	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Anthracene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Atrazine (Aatrex)	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave MS/MSD recovery (49%); low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Benzo(a)anthracene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%); poor field precision (difference > 3xSQL)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH2SB62-123 -(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (41%), low B/N SU recovery (42%); poor field precision (difference > 3xSQL)
SH2SB62-123 -(0-0.5)	Benzo(b)fluoranthene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Benzo(g,h,i)perylene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Benzyl alcohol	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Biphenyl	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (1.23 JB ug/L); low B/N SU recovery (41%), low B/N SU recovery (42%); result is between SDL and SQL
SH2SB62-123 -(0-0.5)	Butyl benzyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Caprolactam	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Carbazole	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Chrysene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Dibenzofuran	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Diethyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Dimethyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Di-n-butyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Di-n-octyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Fluoranthene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Fluorene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Hexachlorobenzene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Hexachloroethane	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Indeno(1,2,3-cd)pyrene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Isophorone	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	m,p-Cresol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	Nitrobenzene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%); low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	Pentachlorophenol	UJ	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	Phenanthrene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%); low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	Pyrene	UJ	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-124 -(1-2)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SH2SB62-124 -(1-2)	Arsenic	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH2SB62-124 -(1-2)	Barium	J	poor field precision (68 RPD)
SH2SB62-124 -(1-2)	Strontium	J	poor field precision (65 RPD)
SH2SB62-124 -(1-2)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg); result is between SDL and SQL
SH2SB62-124 -(1-2)	Dieldrin	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SH2SB62-124 -(1-2)	gamma-Chlordane	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SH2SB62-124 -(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SH2SB62-124 -(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SH2SB62-124 -(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SH2SB62-124 -(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SH2SB62-124 -(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SH2SB62-124 -(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SH2SB62-124 -(1-2)	Cyclohexane	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Ethylbenzene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SH2SB62-124 -(1-2)	m,p-Xylene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Methyl Acetate	J	calibration drift (%D= -24); poor MS/MSD precision (72 RPD)
SH2SB62-124 -(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SH2SB62-124 -(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SH2SB62-124 -(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SH2SB62-124 -(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SH2SB62-124 -(1-2)	o-Xylene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SH2SB62-124 -(1-2)	Xylene (total)	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SH2SB62-124 -(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%)
SH2SB62-124 -(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SH2SB62-124 -(1-2)	4-Nitrophenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH2SB62-124 -(1-2)	Anthracene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Benzaldehyde	UJ	calibration drift (%D= -28)
SH2SB62-124 -(1-2)	Benzidine	UJ	calibration drift (%D= -71); low ave MS/MSD recovery (49%)
SH2SB62-124 -(1-2)	Benzo(a)anthracene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); result is between SDL and SQL
SH2SB62-124 -(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%)
SH2SB62-124 -(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (1.23 JB ug/L)
SH2SB62-124 -(1-2)	Chrysene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Fluoranthene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH2SB62-124 -(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SH2SB62-124 -(1-2)	Phenanthrene	J	result is between SDL and SQL
SH2SB62-124 -(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH2SB62-124 -(1-2)	Pyrene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SH3SB63-125 -(0-0.5)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Lead	J	poor field precision (62 RPD)
SH3SB63-125 -(0-0.5)	Molybdenum	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Strontium	J	poor field precision (67 RPD)
SH3SB63-125 -(0-0.5)	Tin	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Zinc	J	poor field precision (92 RPD)
SH3SB63-125 -(0-0.5)	4,4'-DDD	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	4,4'-DDE	J	high SU recovery (152%); low SU recovery (58%); result is between SDL and SQL
SH3SB63-125 -(0-0.5)	4,4'-DDT	J	high SU recovery (152%); low SU recovery (58%); result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Aldrin	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	alpha-BHC	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	alpha-Chlordane	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	beta-BHC	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	delta-BHC	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Dieldrin	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (33%); high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Endosulfan II	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Endosulfan sulfate	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Endrin	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Endrin aldehyde	J	high SU recovery (152%); low SU recovery (58%); result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Endrin ketone	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	gamma-BHC (Lindane)	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	gamma-Chlordane	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Heptachlor	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Heptachlor epoxide	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Methoxychlor	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	Toxaphene	UJ	high SU recovery (152%); low SU recovery (58%)
SH3SB63-125 -(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SH3SB63-125 -(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%)
SH3SB63-125 -(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SH3SB63-125 -(0-0.5)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH3SB63-125 -(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Anthracene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61)
SH3SB63-125 -(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%)
SH3SB63-125 -(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SH3SB63-125 -(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL); result is between SDL and SQL

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH3SB63-125 -(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%)
SH3SB63-125 -(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (1.23 JB ug/L)
SH3SB63-125 -(0-0.5)	Chrysene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Di-n-octyl phthalate	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SH3SB63-125 -(0-0.5)	Phenanthrene	J	poor field precision (117 RPD); result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH3SB63-125 -(0-0.5)	Pyrene	J	result is between SDL and SQL
SH3SB63-125 -(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SH3SB63-126 -(1-2)	Antimony	J	low ave MS/MSD recovery (44%); result is between SDL and SQL
SH3SB63-126 -(1-2)	Barium	J	poor field precision (68 RPD)
SH3SB63-126 -(1-2)	Cadmium	J	result is between SDL and SQL
SH3SB63-126 -(1-2)	Strontium	J	poor field precision (65 RPD)
SH3SB63-126 -(1-2)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg); result is between SDL and SQL
SH3SB63-126 -(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SH3SB63-126 -(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SH3SB63-126 -(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SH3SB63-126 -(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -30); low ave LCS/LCSD recovery (59.5%)
SH3SB63-126 -(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SH3SB63-126 -(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SH3SB63-126 -(1-2)	Benzene	J	result is between SDL and SQL
SH3SB63-126 -(1-2)	Bromomethane	UJ	calibration drift (%D= -29)
SH3SB63-126 -(1-2)	Chloromethane	UJ	calibration drift (%D= -28)
SH3SB63-126 -(1-2)	Cyclohexane	J	result is between SDL and SQL
SH3SB63-126 -(1-2)	Ethylbenzene	J	result is between SDL and SQL
SH3SB63-126 -(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SH3SB63-126 -(1-2)	m,p-Xylene	J	result is between SDL and SQL
SH3SB63-126 -(1-2)	Methyl Acetate	UJ	calibration drift (%D= -24)
SH3SB63-126 -(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SH3SB63-126 -(1-2)	Methylene chloride	UJ	calibration drift (%D= -31)
SH3SB63-126 -(1-2)	Naphthalene	U	laboratory blank contamination (3.49 J ug/Kg); calibration drift (%D= 23); poor MS/MSD precision (48 RPD); result is between SDL and SQL
SH3SB63-126 -(1-2)	n-Butyl alcohol	UJ	calibration drift (%D= -25)
SH3SB63-126 -(1-2)	n-Propylbenzene	J	result is between SDL and SQL
SH3SB63-126 -(1-2)	o-Xylene	J	result is between SDL and SQL
SH3SB63-126 -(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SH3SB63-126 -(1-2)	Vinyl acetate	UJ	calibration drift (%D= -24)
SH3SB63-126 -(1-2)	Xylene (total)	J	result is between SDL and SQL
SH3SB63-126 -(1-2)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH3SB63-126 -(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SH3SB63-126 -(1-2)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	2-Chloronaphthalene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	2-Methylnaphthalene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	2-Nitroaniline	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SH3SB63-126 -(1-2)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	4-Chloroaniline	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	4-Nitroaniline	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH3SB63-126 -(1-2)	Acenaphthene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Acenaphthylene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Acetophenone	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Aniline	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Anthracene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Atrazine (Aatrex)	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%); low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzo(a)anthracene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzo(b)fluoranthene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzo(g,h,i)perylene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Benzyl alcohol	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Biphenyl	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (1.23 JB ug/L); result is between SDL and SQL
SH3SB63-126 -(1-2)	Butyl benzyl phthalate	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Caprolactam	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Carbazole	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Chrysene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Dibenzofuran	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Diethyl phthalate	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Dimethyl phthalate	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH3SB63-126 -(1-2)	Di-n-butyl phthalate	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Di-n-octyl phthalate	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Fluoranthene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Fluorene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Hexachlorobenzene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Hexachloroethane	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Indeno(1,2,3-cd)pyrene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Isophorone	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Nitrobenzene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SH3SB63-126 -(1-2)	Phenanthrene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH3SB63-126 -(1-2)	Pyrene	UJ	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (37%), low B/N SU recovery (47%)
SH4SB64-127-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SH4SB64-127-(0-0.5)	Antimony	J-	extremely low ave MS/MSD recovery (20.5%)
SH4SB64-127-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (47%)
SH4SB64-127-(0-0.5)	Lead	J	poor field precision (62 RPD)
SH4SB64-127-(0-0.5)	Molybdenum	J	low ave MS/MSD recovery (68%); result is between SDL and SQL
SH4SB64-127-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SH4SB64-127-(0-0.5)	Zinc	J	poor MS/MSD precision (62 RPD); poor field precision (92 RPD)
SH4SB64-127-(0-0.5)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SH4SB64-127-(0-0.5)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SH4SB64-127-(0-0.5)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SH4SB64-127-(0-0.5)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SH4SB64-127-(0-0.5)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SH4SB64-127-(0-0.5)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SH4SB64-127-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SH4SB64-127-(0-0.5)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SH4SB64-127-(0-0.5)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SH4SB64-127-(0-0.5)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SH4SB64-127-(0-0.5)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SH4SB64-127-(0-0.5)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SH4SB64-127-(0-0.5)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SH4SB64-127-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SH4SB64-127-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SH4SB64-127-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SH4SB64-127-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SH4SB64-127-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SH4SB64-127-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SH4SB64-127-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SH4SB64-127-(0-0.5)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)
SH4SB64-127-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH4SB64-127-(0-0.5)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL)
SH4SB64-127-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SH4SB64-127-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SH4SB64-127-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SH4SB64-127-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L)
SH4SB64-127-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SH4SB64-127-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SH4SB64-127-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SH4SB64-127-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SH4SB64-127-(0-0.5)	Pyrene	UJ	low ave MS/MSD recovery (52%)
SH4SB64-127-(0-0.5)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SH4SB64-128-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SH4SB64-128-(1-2)	Barium	J	poor field precision (68 RPD)
SH4SB64-128-(1-2)	Beryllium	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Boron	UJ	low ave MS/MSD recovery (47%)
SH4SB64-128-(1-2)	Cadmium	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Molybdenum	UJ	low ave MS/MSD recovery (68%)
SH4SB64-128-(1-2)	Strontium	J	poor field precision (65 RPD)
SH4SB64-128-(1-2)	Zinc	J	poor MS/MSD precision (62 RPD)
SH4SB64-128-(1-2)	Mercury	U	laboratory blank contamination (0.0033 B mg/kg); result is between SDL and SQL
SH4SB64-128-(1-2)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SH4SB64-128-(1-2)	4,4'-DDT	J	poor MS/MSD precision (128 RPD); result is between SDL and SQL
SH4SB64-128-(1-2)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SH4SB64-128-(1-2)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SH4SB64-128-(1-2)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SH4SB64-128-(1-2)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SH4SB64-128-(1-2)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SH4SB64-128-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SH4SB64-128-(1-2)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SH4SB64-128-(1-2)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SH4SB64-128-(1-2)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SH4SB64-128-(1-2)	gamma-Chlordane	J	low ave MS/MSD recovery (45.5%); result is between SDL and SQL
SH4SB64-128-(1-2)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SH4SB64-128-(1-2)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SH4SB64-128-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SH4SB64-128-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SH4SB64-128-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); calibration drift (%D= -27); poor LCS/LCSD precision (43 RPD); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SH4SB64-128-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -47); low ave LCS/LCSD recovery (57.5%)
SH4SB64-128-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SH4SB64-128-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SH4SB64-128-(1-2)	Benzene	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Chloromethane	UJ	calibration drift (%D= -27)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH4SB64-128-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SH4SB64-128-(1-2)	Isopropylbenzene (Cumene)	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SH4SB64-128-(1-2)	Methylene chloride	UJ	calibration drift (%D= -24)
SH4SB64-128-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SH4SB64-128-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SH4SB64-128-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SH4SB64-128-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SH4SB64-128-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SH4SB64-128-(1-2)	Acenaphthylene	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SH4SB64-128-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SH4SB64-128-(1-2)	Benzidine	UJ	calibration drift (%D= -52); low ave MS/MSD recovery (15%)
SH4SB64-128-(1-2)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); result is between SDL and SQL
SH4SB64-128-(1-2)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SH4SB64-128-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SH4SB64-128-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L); result is between SDL and SQL
SH4SB64-128-(1-2)	Chrysene	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Fluoranthene	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SH4SB64-128-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SH4SB64-128-(1-2)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SH4SB64-128-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SH4SB64-128-(1-2)	Pyrene	J	low ave MS/MSD recovery (52%); result is between SDL and SQL
SH4SB64-128-(1-2)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SH4SB65-129-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SH4SB65-130-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SH5SB66-131-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SH5SB66-131-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SH5SB66-131-(0-0.5)	Beryllium	J	result is between SDL and SQL
SH5SB66-131-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (47%)
SH5SB66-131-(0-0.5)	Lead	J	poor field precision (62 RPD)
SH5SB66-131-(0-0.5)	Molybdenum	J	low ave MS/MSD recovery (68%); result is between SDL and SQL
SH5SB66-131-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SH5SB66-131-(0-0.5)	Zinc	J	poor MS/MSD precision (62 RPD); poor field precision (92 RPD)
SH5SB66-131-(0-0.5)	Mercury	U	laboratory blank contamination (0.0033 B mg/kg); result is between SDL and SQL
SH5SB66-131-(0-0.5)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SH5SB66-131-(0-0.5)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SH5SB66-131-(0-0.5)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SH5SB66-131-(0-0.5)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SH5SB66-131-(0-0.5)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH5SB66-131-(0-0.5)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SH5SB66-131-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SH5SB66-131-(0-0.5)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SH5SB66-131-(0-0.5)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SH5SB66-131-(0-0.5)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SH5SB66-131-(0-0.5)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SH5SB66-131-(0-0.5)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SH5SB66-131-(0-0.5)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SH5SB66-131-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SH5SB66-131-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SH5SB66-131-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SH5SB66-131-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SH5SB66-131-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SH5SB66-131-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SH5SB66-131-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SH5SB66-131-(0-0.5)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)
SH5SB66-131-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SH5SB66-131-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL); result is between SDL and SQL
SH5SB66-131-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SH5SB66-131-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SH5SB66-131-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SH5SB66-131-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L); result is between SDL and SQL
SH5SB66-131-(0-0.5)	Chrysene	J	result is between SDL and SQL
SH5SB66-131-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SH5SB66-131-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SH5SB66-131-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SH5SB66-131-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SH5SB66-131-(0-0.5)	Pyrene	UJ	low ave MS/MSD recovery (52%)
SH5SB66-131-(0-0.5)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SH5SB66-132-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SH5SB66-132-(1-2)	Barium	J	poor field precision (68 RPD)
SH5SB66-132-(1-2)	Boron	UJ	low ave MS/MSD recovery (47%)
SH5SB66-132-(1-2)	Molybdenum	UJ	low ave MS/MSD recovery (68%)
SH5SB66-132-(1-2)	Strontium	J	poor field precision (65 RPD)
SH5SB66-132-(1-2)	Zinc	J	poor MS/MSD precision (62 RPD)
SH5SB66-132-(1-2)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SH5SB66-132-(1-2)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SH5SB66-132-(1-2)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SH5SB66-132-(1-2)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SH5SB66-132-(1-2)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SH5SB66-132-(1-2)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SH5SB66-132-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SH5SB66-132-(1-2)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SH5SB66-132-(1-2)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SH5SB66-132-(1-2)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SH5SB66-132-(1-2)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SH5SB66-132-(1-2)	Heptachlor	UJ	low ave MS/MSD recovery (33%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH5SB66-132-(1-2)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SH5SB66-132-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SH5SB66-132-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SH5SB66-132-(1-2)	2-Butanone	U	laboratory blank contamination (1.05 J ug/Kg); poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SH5SB66-132-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -63); low ave LCS/LCSD recovery (37.5%)
SH5SB66-132-(1-2)	Acetone	U	laboratory blank contamination (3.91 J ug/Kg); field blank contamination (1.96 J ug/L); calibration drift (%D= 30); poor MS/MSD precision (62 RPD); poor field precision (difference > 3xSQL); result is between SDL and SQL
SH5SB66-132-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SH5SB66-132-(1-2)	Benzene	J	result is between SDL and SQL
SH5SB66-132-(1-2)	Bromomethane	UJ	calibration drift (%D= -22)
SH5SB66-132-(1-2)	Chloromethane	UJ	calibration drift (%D= -26)
SH5SB66-132-(1-2)	Cyclohexane	J	result is between SDL and SQL
SH5SB66-132-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SH5SB66-132-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SH5SB66-132-(1-2)	Methylene chloride	UJ	calibration drift (%D= -26)
SH5SB66-132-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD); result is between SDL and SQL
SH5SB66-132-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -22)
SH5SB66-132-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SH5SB66-132-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SH5SB66-132-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SH5SB66-132-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SH5SB66-132-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SH5SB66-132-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SH5SB66-132-(1-2)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)
SH5SB66-132-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26)
SH5SB66-132-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SH5SB66-132-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SH5SB66-132-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L); result is between SDL and SQL
SH5SB66-132-(1-2)	Fluoranthene	J	result is between SDL and SQL
SH5SB66-132-(1-2)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SH5SB66-132-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SH5SB66-132-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SH5SB66-132-(1-2)	Pyrene	UJ	low ave MS/MSD recovery (52%)
SH5SB66-132-(1-2)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SH6SB67-133-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SH6SB67-133-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (44%)
SH6SB67-133-(0-0.5)	Lead	J	poor field precision (62 RPD)
SH6SB67-133-(0-0.5)	Lithium	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SH6SB67-133-(0-0.5)	Tin	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SH6SB67-133-(0-0.5)	Endosulfan I	J-	low ave MS/MSD recovery (33%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH6SB67-133-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SH6SB67-133-(0-0.5)	2-Methylnaphthalene	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%)
SH6SB67-133-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SH6SB67-133-(0-0.5)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH6SB67-133-(0-0.5)	Acenaphthene	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	Acenaphthylene	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61)
SH6SB67-133-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%)
SH6SB67-133-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SH6SB67-133-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL)
SH6SB67-133-(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%)
SH6SB67-133-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SH6SB67-133-(0-0.5)	Carbazole	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	Dibenzofuran	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	Fluorene	J	result is between SDL and SQL
SH6SB67-133-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SH6SB67-133-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SH6SB67-133-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH6SB67-133-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SH6SB67-134-(1-2)	Antimony	UJ	low ave MS/MSD recovery (44%)
SH6SB67-134-(1-2)	Barium	J	poor field precision (68 RPD)
SH6SB67-134-(1-2)	Beryllium	J	result is between SDL and SQL
SH6SB67-134-(1-2)	Cadmium	J	result is between SDL and SQL
SH6SB67-134-(1-2)	Lithium	J	result is between SDL and SQL
SH6SB67-134-(1-2)	Selenium	J	result is between SDL and SQL
SH6SB67-134-(1-2)	Strontium	J	poor field precision (65 RPD)
SH6SB67-134-(1-2)	Mercury	U	laboratory blank contamination (0.0027 B mg/kg); result is between SDL and SQL
SH6SB67-134-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (33%)
SH6SB67-134-(1-2)	2-Chloroethylvinyl ether	UJ	poor calibration fit (%RSD=26)
SH6SB67-134-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SH6SB67-134-(1-2)	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW), 15x (SB)
SH6SB67-134-(1-2)	Chloroethane	UJ	low instrument response (low RRF), elevate SDL for NDs 20x (SW/SB)
SH6SB67-134-(1-2)	Methylene chloride	J	result is between SDL and SQL
SH6SB67-134-(1-2)	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 2x (SW/GW) or 50x (Sed/SB)
SH6SB67-134-(1-2)	Trichlorofluoromethane	UJ	low ave MS/MSD recovery (37%)
SH6SB67-134-(1-2)	Vinyl chloride	UJ	poor calibration fit (%RSD=16)
SH6SB67-134-(1-2)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH6SB67-134-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (25.5%); low ave MS/MSD recovery (26.5%)
SH6SB67-134-(1-2)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	2-Chloronaphthalene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	2-Methylnaphthalene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	2-Nitroaniline	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (59.5%); low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW); low ave LCS/LCSD recovery (42.5%); low ave MS/MSD recovery (45.5%)
SH6SB67-134-(1-2)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	4-Chloroaniline	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	4-Nitroaniline	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	4-Nitrophenol	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH6SB67-134-(1-2)	Acenaphthene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Acenaphthylene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Acetophenone	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Aniline	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Anthracene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Atrazine (Aatrex)	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); calibration drift (%D= -31); low ave MS/MSD recovery (49%); low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Benzo(a)anthracene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Benzo(b)fluoranthene	J	low B/N SU recovery (41%), low B/N SU recovery (44%); result is between SDL and SQL
SH6SB67-134-(1-2)	Benzo(g,h,i)perylene	J	low B/N SU recovery (41%), low B/N SU recovery (44%); result is between SDL and SQL
SH6SB67-134-(1-2)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Benzoic acid	UJ	calibration drift (%D= -24); low ave LCS/LCSD recovery (33.5%); low ave MS/MSD recovery (23.5%); low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Benzyl alcohol	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Biphenyl	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (20.2 J ug/Kg); field blank contamination (2.04 JB ug/L); low B/N SU recovery (41%), low B/N SU recovery (44%); result is between SDL and SQL
SH6SB67-134-(1-2)	Butyl benzyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Caprolactam	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Carbazole	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Chrysene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SH6SB67-134-(1-2)	Dibenzofuran	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Diethyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Dimethyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Di-n-butyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Di-n-octyl phthalate	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Fluoranthene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Fluorene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Hexachlorobenzene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Hexachlorocyclopentadiene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Hexachloroethane	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Indeno(1,2,3-cd)pyrene	J	low B/N SU recovery (41%), low B/N SU recovery (44%); result is between SDL and SQL
SH6SB67-134-(1-2)	Isophorone	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Nitrobenzene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	n-Nitrosodimethylamine	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	o-Cresol	UJ	low ave LCS/LCSD recovery (58%)
SH6SB67-134-(1-2)	Phenanthrene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (55.5%); low ave MS/MSD recovery (58.5%)
SH6SB67-134-(1-2)	Pyrene	UJ	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (41%), low B/N SU recovery (44%)
SI4SB72-143-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SI4SB72-144-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SI5SB74-147-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SI5SB74-147-(0-0.5)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SI5SB74-147-(0-0.5)	Beryllium	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Boron	UJ	low ave MS/MSD recovery (47%)
SI5SB74-147-(0-0.5)	Lead	J	poor field precision (62 RPD)
SI5SB74-147-(0-0.5)	Lithium	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Molybdenum	J-	low ave MS/MSD recovery (68%)
SI5SB74-147-(0-0.5)	Strontium	J	poor field precision (67 RPD)
SI5SB74-147-(0-0.5)	Zinc	J	poor MS/MSD precision (62 RPD); poor field precision (92 RPD)
SI5SB74-147-(0-0.5)	Mercury	U	laboratory blank contamination (0.0033 B mg/kg); result is between SDL and SQL
SI5SB74-147-(0-0.5)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SI5SB74-147-(0-0.5)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SI5SB74-147-(0-0.5)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SI5SB74-147-(0-0.5)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SI5SB74-147-(0-0.5)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SI5SB74-147-(0-0.5)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SI5SB74-147-(0-0.5)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SI5SB74-147-(0-0.5)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SI5SB74-147-(0-0.5)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SI5SB74-147-(0-0.5)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)
SI5SB74-147-(0-0.5)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SI5SB74-147-(0-0.5)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SI5SB74-147-(0-0.5)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SI5SB74-147-(0-0.5)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SI5SB74-147-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SI5SB74-147-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SI5SB74-147-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SI5SB74-147-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SI5SB74-147-(0-0.5)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SI5SB74-147-(0-0.5)	Anthracene	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SI5SB74-147-(0-0.5)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)
SI5SB74-147-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL); result is between SDL and SQL
SI5SB74-147-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=26); poor field precision (difference > 3xSQL); result is between SDL and SQL
SI5SB74-147-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Benzo(k)fluoranthene	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SI5SB74-147-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SI5SB74-147-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L)
SI5SB74-147-(0-0.5)	Butyl benzyl phthalate	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Chrysene	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SI5SB74-147-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SI5SB74-147-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	result is between SDL and SQL
SI5SB74-147-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD); result is between SDL and SQL
SI5SB74-147-(0-0.5)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SI5SB74-147-(0-0.5)	Pyrene	J	low ave MS/MSD recovery (52%); result is between SDL and SQL
SI5SB74-147-(0-0.5)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SI5SB74-148-(1-2)	Antimony	R	extremely low ave MS/MSD recovery (20.5%)
SI5SB74-148-(1-2)	Barium	J	poor field precision (68 RPD)
SI5SB74-148-(1-2)	Beryllium	J	result is between SDL and SQL
SI5SB74-148-(1-2)	Boron	UJ	low ave MS/MSD recovery (47%)
SI5SB74-148-(1-2)	Cadmium	J	result is between SDL and SQL
SI5SB74-148-(1-2)	Molybdenum	UJ	low ave MS/MSD recovery (68%)
SI5SB74-148-(1-2)	Selenium	J	result is between SDL and SQL
SI5SB74-148-(1-2)	Strontium	J	poor field precision (65 RPD)
SI5SB74-148-(1-2)	Zinc	J	poor MS/MSD precision (62 RPD)
SI5SB74-148-(1-2)	Mercury	U	laboratory blank contamination (0.0033 B mg/kg); result is between SDL and SQL
SI5SB74-148-(1-2)	4,4'-DDD	UJ	low ave MS/MSD recovery (58%)
SI5SB74-148-(1-2)	Aldrin	UJ	low ave MS/MSD recovery (44%)
SI5SB74-148-(1-2)	alpha-BHC	UJ	low ave MS/MSD recovery (37.5%)
SI5SB74-148-(1-2)	beta-BHC	UJ	low ave MS/MSD recovery (36.5%)
SI5SB74-148-(1-2)	delta-BHC	UJ	low ave MS/MSD recovery (35.5%)
SI5SB74-148-(1-2)	Dieldrin	UJ	low ave MS/MSD recovery (53.5%)
SI5SB74-148-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (47.5%)
SI5SB74-148-(1-2)	Endosulfan II	UJ	low ave MS/MSD recovery (56%)
SI5SB74-148-(1-2)	Endosulfan sulfate	UJ	low ave MS/MSD recovery (53.5%)
SI5SB74-148-(1-2)	Endrin ketone	UJ	low ave MS/MSD recovery (37.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SI5SB74-148-(1-2)	gamma-Chlordane	UJ	low ave MS/MSD recovery (45.5%)
SI5SB74-148-(1-2)	Heptachlor	UJ	low ave MS/MSD recovery (33%)
SI5SB74-148-(1-2)	Methoxychlor	UJ	low ave MS/MSD recovery (31.5%)
SI5SB74-148-(1-2)	Aroclor-1016	UJ	low ave MS/MSD recovery (52.5%)
SI5SB74-148-(1-2)	1,2,4-Trichlorobenzene	UJ	low ave MS/MSD recovery (56.5%)
SI5SB74-148-(1-2)	2-Butanone	U	laboratory blank contamination (1.05 J ug/Kg); poor calibration fit (%RSD=27); low ave MS/MSD recovery (56.5%); poor MS/MSD precision (62 RPD); result is between SDL and SQL
SI5SB74-148-(1-2)	2-Chloroethylvinyl ether	R	extremely low ave MS/MSD recovery (0%); calibration drift (%D= -63); low ave LCS/LCSD recovery (37.5%)
SI5SB74-148-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SI5SB74-148-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SI5SB74-148-(1-2)	Bromomethane	UJ	calibration drift (%D= -22)
SI5SB74-148-(1-2)	Chloromethane	UJ	calibration drift (%D= -26)
SI5SB74-148-(1-2)	Cyclohexane	J	result is between SDL and SQL
SI5SB74-148-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (43%)
SI5SB74-148-(1-2)	Methylcyclohexane	J	poor MS/MSD precision (44 RPD); result is between SDL and SQL
SI5SB74-148-(1-2)	Methylene chloride	U	laboratory blank contamination (1.6 J ug/Kg); field blank contamination (1.35 JB ug/L); trip blank contamination (1.45 JB ug/L); calibration drift (%D= -26); poor MS/MSD precision (54 RPD); result is between SDL and SQL
SI5SB74-148-(1-2)	Toluene	J	poor MS/MSD precision (41 RPD)
SI5SB74-148-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -22)
SI5SB74-148-(1-2)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (45%); low ave MS/MSD recovery (32%)
SI5SB74-148-(1-2)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (59.5%)
SI5SB74-148-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low ave MS/MSD recovery (28.5%)
SI5SB74-148-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (59%)
SI5SB74-148-(1-2)	Aniline	UJ	low ave LCS/LCSD recovery (59.5%)
SI5SB74-148-(1-2)	Benzaldehyde	UJ	low ave MS/MSD recovery (25.5%)
SI5SB74-148-(1-2)	Benzidine	UJ	calibration drift (%D= -30); low ave MS/MSD recovery (15%)
SI5SB74-148-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=26)
SI5SB74-148-(1-2)	Benzoic acid	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (24%)
SI5SB74-148-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (56%)
SI5SB74-148-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (42.9 J ug/Kg); field blank contamination (1.23 JB ug/L); result is between SDL and SQL
SI5SB74-148-(1-2)	Hexachlorocyclopentadiene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (22%)
SI5SB74-148-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (35.5%); low ave MS/MSD recovery (53.5%)
SI5SB74-148-(1-2)	Phenol	UJ	low ave LCS/LCSD recovery (58.5%)
SI5SB74-148-(1-2)	Pyrene	UJ	low ave MS/MSD recovery (52%)
SI5SB74-148-(1-2)	Pyridine	UJ	low ave LCS/LCSD recovery (54%)
SJ1SB77-153-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SJ1SB77-153-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SJ1SB77-153-(0-0.5)	Iron	J	poor MS/MSD precision (53 RPD)
SJ1SB77-153-(0-0.5)	Lead	J	poor MS/MSD precision (34 RPD); poor field precision (62 RPD)
SJ1SB77-153-(0-0.5)	Molybdenum	J	result is between SDL and SQL
SJ1SB77-153-(0-0.5)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (67 RPD)
SJ1SB77-153-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SJ1SB77-153-(0-0.5)	Endosulfan I	J	high ave MS/MSD recovery (267%); result is between SDL and SQL; (E-flag carried over from second column, hardcopy has J-flag for this result)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SJ1SB77-153-(0-0.5)	Endosulfan sulfate	J	result is between SDL and SQL
SJ1SB77-153-(0-0.5)	2,4-Dinitrophenol	UJ	low ave LCS/LCSD recovery (36.5%); low ave MS/MSD recovery (27%)
SJ1SB77-153-(0-0.5)	2-Chloronaphthalene	UJ	low ave LCS/LCSD recovery (57.5%)
SJ1SB77-153-(0-0.5)	2-Methylnaphthalene	UJ	low ave LCS/LCSD recovery (55%)
SJ1SB77-153-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (53.5%)
SJ1SB77-153-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low ave LCS/LCSD recovery (54%); low ave MS/MSD recovery (37.5%)
SJ1SB77-153-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (58%); low ave MS/MSD recovery (57.5%)
SJ1SB77-153-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (31.5%)
SJ1SB77-153-(0-0.5)	Acenaphthene	J	poor calibration fit (%RSD=18); low ave LCS/LCSD recovery (59%); result is between SDL and SQL
SJ1SB77-153-(0-0.5)	Acenaphthylene	UJ	low ave LCS/LCSD recovery (54.5%); low ave MS/MSD recovery (44%)
SJ1SB77-153-(0-0.5)	Aniline	UJ	low instrument response (low RRF), elevate SDL for NDs 6x (SB); low ave MS/MSD recovery (38.5%)
SJ1SB77-153-(0-0.5)	Benzaldehyde	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (SB); low ave MS/MSD recovery (34.5%)
SJ1SB77-153-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=27)
SJ1SB77-153-(0-0.5)	Benzo(a)anthracene	J	poor field precision (difference > 3xSQL)
SJ1SB77-153-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=27); poor field precision (difference > 3xSQL)
SJ1SB77-153-(0-0.5)	Benzo(k)fluoranthene	J	poor MS/MSD precision (48 RPD)
SJ1SB77-153-(0-0.5)	Benzoic acid	UJ	low ave LCS/LCSD recovery (51.5%)
SJ1SB77-153-(0-0.5)	Biphenyl	J	low ave MS/MSD recovery (57%); result is between SDL and SQL
SJ1SB77-153-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (57%)
SJ1SB77-153-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (12.9 J ug/Kg); field blank contamination (2.04 JB ug/L)
SJ1SB77-153-(0-0.5)	Caprolactam	UJ	low ave MS/MSD recovery (48.5%)
SJ1SB77-153-(0-0.5)	Carbazole	J	result is between SDL and SQL
SJ1SB77-153-(0-0.5)	Chrysene	J	poor MS/MSD precision (44 RPD)
SJ1SB77-153-(0-0.5)	Dibenzofuran	J	low ave LCS/LCSD recovery (56.5%); result is between SDL and SQL
SJ1SB77-153-(0-0.5)	Fluoranthene	J	poor MS/MSD precision (65 RPD)
SJ1SB77-153-(0-0.5)	Fluorene	J-	low ave LCS/LCSD recovery (58.5%)
SJ1SB77-153-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (4.5%)
SJ1SB77-153-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (48%); low ave MS/MSD recovery (40.5%)
SJ1SB77-153-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (52%); poor LCS/LCSD precision (41 RPD)
SJ1SB77-153-(0-0.5)	m,p-Cresol	UJ	low ave LCS/LCSD recovery (59.5%); low ave MS/MSD recovery (46.5%)
SJ1SB77-153-(0-0.5)	n-Nitrosodimethylamine	UJ	low instrument response (low RRF), elevate SDL for NDs 8x (SB); low ave LCS/LCSD recovery (36.5%)
SJ1SB77-153-(0-0.5)	o-Cresol	UJ	low ave LCS/LCSD recovery (59.5%)
SJ1SB77-153-(0-0.5)	Pentachlorophenol	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (36%)
SJ1SB77-153-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD)
SJ1SB77-153-(0-0.5)	Pyrene	J	poor MS/MSD precision (48 RPD)
SJ1SB77-153-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=30); calibration drift (%D= -27); low ave LCS/LCSD recovery (54%)
SJ1SB77-154-(1-2)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SJ1SB77-154-(1-2)	Barium	J	poor field precision (68 RPD)
SJ1SB77-154-(1-2)	Iron	J	poor MS/MSD precision (53 RPD)
SJ1SB77-154-(1-2)	Lead	J	poor MS/MSD precision (34 RPD)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SJ1SB77-154-(1-2)	Molybdenum	J	result is between SDL and SQL
SJ1SB77-154-(1-2)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (65 RPD)
SJ1SB77-154-(1-2)	Mercury	U	laboratory blank contamination (0.0066 B mg/kg); result is between SDL and SQL
SJ1SB77-154-(1-2)	4,4'-DDT	UJ	calibration drift column 1 (%D= -22), calibration drift column 2 (%D= -23); low ave MS/MSD recovery (52.5%)
SJ1SB77-154-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SJ1SB77-154-(1-2)	2-Butanone	U	laboratory blank contamination (1.05 J ug/Kg); poor calibration fit (%RSD=27); result is between SDL and SQL
SJ1SB77-154-(1-2)	2-Chloroethylvinyl ether	UJ	calibration drift (%D= -63); low ave LCS/LCSD recovery (37.5%); low ave MS/MSD recovery (24.5%)
SJ1SB77-154-(1-2)	Acetone	U	laboratory blank contamination (3.91 J ug/Kg); calibration drift (%D= 30); poor MS/MSD precision (49 RPD); poor field precision (difference > 3xSQL); result is between SDL and SQL
SJ1SB77-154-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SJ1SB77-154-(1-2)	Benzene	J	poor MS/MSD precision (42 RPD)
SJ1SB77-154-(1-2)	Bromomethane	UJ	calibration drift (%D= -22)
SJ1SB77-154-(1-2)	Chloromethane	UJ	calibration drift (%D= -26)
SJ1SB77-154-(1-2)	Cyclohexane	J	poor MS/MSD precision (178 RPD); result is between SDL and SQL
SJ1SB77-154-(1-2)	Ethylbenzene	J	result is between SDL and SQL
SJ1SB77-154-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (47.5%)
SJ1SB77-154-(1-2)	m,p-Xylene	J	result is between SDL and SQL
SJ1SB77-154-(1-2)	Methylcyclohexane	J	result is between SDL and SQL
SJ1SB77-154-(1-2)	Methylene chloride	UJ	calibration drift (%D= -26); low ave MS/MSD recovery (57%)
SJ1SB77-154-(1-2)	Vinyl acetate	UJ	calibration drift (%D= -22)
SJ1SB77-154-(1-2)	Xylene (total)	J	result is between SDL and SQL
SJ1SB77-154-(1-2)	1,2Diphenylhydrazine/Azobenzen	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SJ1SB77-154-(1-2)	2,4-Dinitrotoluene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	2,6-Dinitrotoluene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	2-Chloronaphthalene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	2-Nitroaniline	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	3,3'-Dichlorobenzidine	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SJ1SB77-154-(1-2)	4-Bromophenyl phenyl ether	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	4-Chlorophenyl phenyl ether	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Acenaphthene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Acenaphthylene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Acetophenone	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Anthracene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SJ1SB77-154-(1-2)	Atrazine (Aatrex)	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzo(a)anthracene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzo(b)fluoranthene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzo(g,h,i)perylene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzo(k)fluoranthene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Benzyl alcohol	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Biphenyl	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Bis(2-Chloroethoxy)methane	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Bis(2-Chloroethyl)ether	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); low B/N SU recovery (46%), low B/N SU recovery (48%); result is between SDL and SQL
SJ1SB77-154-(1-2)	Butyl benzyl phthalate	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Caprolactam	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Carbazole	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Chrysene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Dibenz(a,h)anthracene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Dibenzofuran	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Diethyl phthalate	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Dimethyl phthalate	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Di-n-butyl phthalate	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Di-n-octyl phthalate	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Fluoranthene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Fluorene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Hexachlorobenzene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Indeno(1,2,3-cd)pyrene	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Isophorone	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	n-Nitrosodi-n-propylamine	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	n-Nitrosodiphenylamine	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Phenanthrene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SJ1SB77-154-(1-2)	Pyrene	UJ	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39); low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ7SB84-167-(0-0.5)	Aluminum	J	poor field precision (55 RPD)
SJ7SB84-167-(0-0.5)	Antimony	UJ	low ave MS/MSD recovery (41.5%)
SJ7SB84-167-(0-0.5)	Beryllium	J	result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Iron	J	poor MS/MSD precision (53 RPD)
SJ7SB84-167-(0-0.5)	Lead	J	poor MS/MSD precision (34 RPD); poor field precision (62 RPD)
SJ7SB84-167-(0-0.5)	Molybdenum	J	result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (67 RPD)
SJ7SB84-167-(0-0.5)	Zinc	J	poor field precision (92 RPD)
SJ7SB84-167-(0-0.5)	Mercury	U	laboratory blank contamination (0.0066 B mg/kg); result is between SDL and SQL
SJ7SB84-167-(0-0.5)	4,4'-DDT	UJ	low ave MS/MSD recovery (52.5%)
SJ7SB84-167-(0-0.5)	Endosulfan I	J-	low ave MS/MSD recovery (31%)
SJ7SB84-167-(0-0.5)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SJ7SB84-167-(0-0.5)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SJ7SB84-167-(0-0.5)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SJ7SB84-167-(0-0.5)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SJ7SB84-167-(0-0.5)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SJ7SB84-167-(0-0.5)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SJ7SB84-167-(0-0.5)	Aniline	UJ	low ave MS/MSD recovery (58%)
SJ7SB84-167-(0-0.5)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SJ7SB84-167-(0-0.5)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SJ7SB84-167-(0-0.5)	Benzo(a)anthracene	UJ	poor field precision (difference > 3xSQL)
SJ7SB84-167-(0-0.5)	Benzo(a)pyrene	J	poor calibration fit (%RSD=20); poor field precision (difference > 3xSQL); result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Benzo(b)fluoranthene	J	result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SJ7SB84-167-(0-0.5)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SJ7SB84-167-(0-0.5)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L)
SJ7SB84-167-(0-0.5)	Chrysene	J	result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Fluoranthene	J	result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SJ7SB84-167-(0-0.5)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SJ7SB84-167-(0-0.5)	Indeno(1,2,3-cd)pyrene	J	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%); result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SJ7SB84-167-(0-0.5)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SJ7SB84-167-(0-0.5)	Phenanthrene	J	poor field precision (117 RPD); result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Phenol	UJ	low ave MS/MSD recovery (59%)
SJ7SB84-167-(0-0.5)	Pyrene	J	result is between SDL and SQL
SJ7SB84-167-(0-0.5)	Pyridine	UJ	poor calibration fit (%RSD=39)
SJ7SB84-168-(1-2)	Antimony	UJ	low ave MS/MSD recovery (41.5%)

QUALIFIED DATA TABLE

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SJ7SB84-168-(1-2)	Arsenic	J	result is between SDL and SQL
SJ7SB84-168-(1-2)	Barium	J	poor field precision (68 RPD)
SJ7SB84-168-(1-2)	Copper	J	result is between SDL and SQL
SJ7SB84-168-(1-2)	Iron	J	poor MS/MSD precision (53 RPD)
SJ7SB84-168-(1-2)	Lead	J	poor MS/MSD precision (34 RPD)
SJ7SB84-168-(1-2)	Strontium	J	poor MS/MSD precision (40 RPD); poor field precision (65 RPD)
SJ7SB84-168-(1-2)	Mercury	U	laboratory blank contamination (0.0066 B mg/kg); result is between SDL and SQL
SJ7SB84-168-(1-2)	4,4'-DDT	UJ	calibration drift column 1 (%D= -22), calibration drift column 2 (%D= -23); low ave MS/MSD recovery (52.5%)
SJ7SB84-168-(1-2)	Endosulfan I	UJ	low ave MS/MSD recovery (31%)
SJ7SB84-168-(1-2)	1,2,4-Trimethylbenzene	J	result is between SDL and SQL
SJ7SB84-168-(1-2)	2-Butanone	J	poor calibration fit (%RSD=27); calibration drift (%D= -27); poor LCS/LCSD precision (43 RPD); result is between SDL and SQL
SJ7SB84-168-(1-2)	2-Chloroethylvinyl ether	UJ	calibration drift (%D= -47); low ave LCS/LCSD recovery (57.5%); low ave MS/MSD recovery (24.5%)
SJ7SB84-168-(1-2)	Acetone	UJ	poor field precision (difference > 3xSQL)
SJ7SB84-168-(1-2)	Acrylonitrile	UJ	poor calibration fit (%RSD=19)
SJ7SB84-168-(1-2)	Chloromethane	UJ	calibration drift (%D= -27)
SJ7SB84-168-(1-2)	Hexachlorobutadiene	UJ	low ave MS/MSD recovery (47.5%)
SJ7SB84-168-(1-2)	Methylene chloride	UJ	calibration drift (%D= -24); low ave MS/MSD recovery (57%)
SJ7SB84-168-(1-2)	Naphthalene	J	poor MS/MSD precision (48 RPD); result is between SDL and SQL
SJ7SB84-168-(1-2)	2,4-Dinitrophenol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.2x (Sed/SB), none required for GW; low ave LCS/LCSD recovery (49.5%); low ave MS/MSD recovery (40.5%)
SJ7SB84-168-(1-2)	2-Methylnaphthalene	UJ	low ave MS/MSD recovery (59.5%)
SJ7SB84-168-(1-2)	3-Nitroaniline	UJ	low ave LCS/LCSD recovery (52%); low ave MS/MSD recovery (55%)
SJ7SB84-168-(1-2)	4,6-Dinitro-2-methylphenol	UJ	low instrument response (low RRF), elevate SDL for NDs 4x (Sed/SB), 3x (GW)
SJ7SB84-168-(1-2)	4-Chloroaniline	UJ	low ave LCS/LCSD recovery (56.5%); low ave MS/MSD recovery (55.5%)
SJ7SB84-168-(1-2)	4-Nitroaniline	UJ	low ave MS/MSD recovery (55%)
SJ7SB84-168-(1-2)	Aniline	UJ	low ave MS/MSD recovery (58%)
SJ7SB84-168-(1-2)	Benzaldehyde	UJ	poor calibration fit (%RSD=61); low ave MS/MSD recovery (56.5%)
SJ7SB84-168-(1-2)	Benzidine	UJ	poor calibration fit (%RSD=24); low ave LCS/LCSD recovery (41.5%); low ave MS/MSD recovery (6%)
SJ7SB84-168-(1-2)	Benzo(a)pyrene	UJ	poor calibration fit (%RSD=20)
SJ7SB84-168-(1-2)	Benzo(g,h,i)perylene	J	result is between SDL and SQL
SJ7SB84-168-(1-2)	Benzoic acid	UJ	low ave MS/MSD recovery (27.5%)
SJ7SB84-168-(1-2)	Bis(2-Chloroisopropyl)ether	UJ	low ave LCS/LCSD recovery (58.5%); low ave MS/MSD recovery (53.5%)
SJ7SB84-168-(1-2)	Bis(2-Ethylhexyl)phthalate	U	laboratory blank contamination (21.8 J ug/Kg); field blank contamination (2.04 JB ug/L); result is between SDL and SQL
SJ7SB84-168-(1-2)	Hexachlorocyclopentadiene	UJ	low ave MS/MSD recovery (52%)
SJ7SB84-168-(1-2)	Hexachloroethane	UJ	low ave LCS/LCSD recovery (51%); low ave MS/MSD recovery (33.5%)
SJ7SB84-168-(1-2)	Indeno(1,2,3-cd)pyrene	UJ	low ave LCS/LCSD recovery (55%); low ave MS/MSD recovery (59.5%)
SJ7SB84-168-(1-2)	Nitrobenzene	UJ	low ave MS/MSD recovery (58.5%)
SJ7SB84-168-(1-2)	n-Nitrosodimethylamine	UJ	low ave LCS/LCSD recovery (57%); low ave MS/MSD recovery (53.5%)
SJ7SB84-168-(1-2)	Phenol	UJ	low ave MS/MSD recovery (59%)
SJ7SB84-168-(1-2)	Pyridine	UJ	poor calibration fit (%RSD=39)

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
FB-504	20607201919	FLDBK	SW6010B	total	W	Boron	U to RRs <= 5 x BlankEquivConc	TRG	7/24/06	13:30	7/25/06	13:33	field blank contamination (0.016 B mg/L)	328716
FB-504	20607201919	FLDBK	SW6010B	total	W	Thallium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	13:30	7/25/06	13:33	field blank contamination (0.0015 B mg/L)	328716
MB for HBN 328499 [DIGM/12263]	392845	LB	SW6010B	total	S	Aluminum	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	17:00	7/26/06	12:31	laboratory blank contamination (1.13 B mg/kg)	328787
MB for HBN 328499 [DIGM/12263]	392845	LB	SW6010B	total	S	Barium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	17:00	7/26/06	12:31	laboratory blank contamination (0.022 B mg/kg)	328787
MB for HBN 328499 [DIGM/12263]	392845	LB	SW6010B	total	S	Lead	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	17:00	7/26/06	12:31	laboratory blank contamination (0.11 B mg/kg)	328787
MB for HBN 328499 [DIGM/12263]	392845	LB	SW6010B	total	S	Silver	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	17:00	7/26/06	12:31	laboratory blank contamination (0.12 B mg/kg)	328787
MB for HBN 328499 [DIGM/12263]	392845	LB	SW6010B	total	S	Thallium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	17:00	7/26/06	12:31	laboratory blank contamination (0.23 B mg/kg)	328787
MB for HBN 328499 [DIGM/12263]	392845	LB	SW6010B	total	S	Titanium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	17:00	7/26/06	12:31	laboratory blank contamination (0.035 B mg/kg)	328787
MB for HBN 328499 [DIGM/12263]	392845	LB	SW6010B	total	S	Vanadium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	17:00	7/26/06	12:31	laboratory blank contamination (0.11 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Aluminum	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (1.77 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Barium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (0.029 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Lead	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (0.11 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Manganese	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (0.066 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Silver	U to RRs <= 5 x BlankEquivConc	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (0.086 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Thallium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (0.18 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Titanium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (0.038 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Vanadium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (0.19 B mg/kg)	328787
MB for HBN 328500 [DIGM/12264]	392847	LB	SW6010B	total	S	Zinc	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	17:00	7/26/06	16:49	laboratory blank contamination (0.54 B mg/kg)	328787
MB for HBN 328501 [DIGM/12265]	392850	LB	SW6010B	total	S	Aluminum	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/25/06	11:45	7/31/06	15:13	laboratory blank contamination (1.2 B mg/kg)	329095

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
MB for HBN 328501 [DIGM/12265]	392850	LB	SW6010B	total	S	Barium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/25/06	11:45	7/31/06	15:13	laboratory blank contamination (0.043 B mg/kg)	329095
MB for HBN 328501 [DIGM/12265]	392850	LB	SW6010B	total	S	Iron	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/25/06	11:45	7/31/06	15:13	laboratory blank contamination (0.97 B mg/kg)	329095
MB for HBN 328501 [DIGM/12265]	392850	LB	SW6010B	total	S	Manganese	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/25/06	11:45	7/31/06	15:13	laboratory blank contamination (0.036 B mg/kg)	329095
MB for HBN 328501 [DIGM/12265]	392850	LB	SW6010B	total	S	Strontium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/25/06	11:45	7/31/06	15:13	laboratory blank contamination (0.042 B mg/kg)	329095
MB for HBN 328501 [DIGM/12265]	392850	LB	SW6010B	total	S	Zinc	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/25/06	11:45	7/31/06	15:13	laboratory blank contamination (0.32 B mg/kg)	329095
MB for HBN 328502 [DIGM/12266]	392854	LB	SW6010B	total	S	Aluminum	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	16:15	7/26/06	12:05	laboratory blank contamination (0.98 B mg/kg)	328794
MB for HBN 328502 [DIGM/12266]	392854	LB	SW6010B	total	S	Vanadium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	16:15	7/26/06	12:05	laboratory blank contamination (0.021 B mg/kg)	328794
MB for HBN 328502 [DIGM/12266]	392854	LB	SW6010B	total	S	Zinc	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/24/06	16:15	7/26/06	12:05	laboratory blank contamination (0.3 B mg/kg)	328794
MB for HBN 328503 [DIGM/12267]	392856	LB	SW6010B	total	S	Boron	U to RRs <= 5 x BlankEquivConc	TRG	7/23/06	15:45	7/24/06	17:39	laboratory blank contamination (1.45 B mg/kg)	328638
MB for HBN 328503 [DIGM/12267]	392856	LB	SW6010B	total	S	Titanium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	15:45	7/24/06	17:39	laboratory blank contamination (0.021 B mg/kg)	328638
MB for HBN 328503 [DIGM/12267]	392856	LB	SW6010B	total	S	Zinc	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	15:45	7/24/06	17:39	laboratory blank contamination (0.22 B mg/kg)	328638
MB for HBN 328504 [DIGM/12268]	392861	LB	SW6010B	total	S	Aluminum	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	18:20	7/29/06	11:39	laboratory blank contamination (1 B mg/kg)	329049
MB for HBN 328504 [DIGM/12268]	392861	LB	SW6010B	total	S	Cadmium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	18:20	7/29/06	11:39	laboratory blank contamination (0.035 B mg/kg)	329049
MB for HBN 328504 [DIGM/12268]	392861	LB	SW6010B	total	S	Strontium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	18:20	7/29/06	11:39	laboratory blank contamination (0.038 B mg/kg)	329049
MB for HBN 328504 [DIGM/12268]	392861	LB	SW6010B	total	S	Vanadium	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	18:20	7/29/06	11:39	laboratory blank contamination (0.039 B mg/kg)	329049
MB for HBN 328504 [DIGM/12268]	392861	LB	SW6010B	total	S	Zinc	U to RRs <= 5 x BlankEquivConc (none)	TRG	7/23/06	18:20	7/29/06	11:39	laboratory blank contamination (0.41 B mg/kg)	329049
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Aluminum	none (waived due to high parent conc)	TRG	7/23/06	17:00	7/26/06	12:58	high ave MS/MSD recovery (1028%)	328787
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Antimony	J- / R to RRs/NDs	TRG	7/23/06	17:00	7/26/06	12:58	extremely low ave MS/MSD recovery (20.5%)	328787
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Boron	J- / UJ to RRs/NDs	TRG	7/23/06	17:00	7/26/06	12:58	low ave MS/MSD recovery (47%)	328787

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Chromium	none (waived due to high parent conc)	TRG	7/23/06	17:00	7/26/06	12:58	low ave MS/MSD recovery (67.5%)	328787
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Iron	none (waived due to high parent conc)	TRG	7/23/06	17:00	7/26/06	12:58	extremely low ave MS/MSD recovery (-850%)	328787
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Manganese	none (waived due to high parent conc)	TRG	7/23/06	17:00	7/26/06	12:58	high ave MS/MSD recovery (492%)	328787
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Molybdenum	J- / UJ to RRs/NDs	TRG	7/23/06	17:00	7/26/06	12:58	low ave MS/MSD recovery (68%)	328787
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Titanium	none (waived due to high parent conc)	TRG	7/23/06	17:00	7/26/06	12:58	extremely low ave MS/MSD recovery (25.5%)	328787
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Zinc	none (waived due to high parent conc)	TRG	7/23/06	17:00	7/26/06	15:44	high ave MS/MSD recovery (8800%)	328787
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW6010B	total	S	Zinc	J to RRs	TRG	7/23/06	17:00	7/26/06	15:44	poor MS/MSD precision (62 RPD)	328787
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW6010B	total	S	Aluminum	none (waived due to high parent conc)	TRG	7/25/06	11:45	7/31/06	15:37	high ave MS/MSD recovery (210%)	329095
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW6010B	total	S	Antimony	J- / R to RRs/NDs	TRG	7/25/06	11:45	7/31/06	15:37	extremely low ave MS/MSD recovery (8%)	329095
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW6010B	total	S	Barium	none (waived due to high parent conc)	TRG	7/25/06	11:45	7/31/06	15:37	low ave MS/MSD recovery (44.5%)	329095
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW6010B	total	S	Boron	J- / UJ to RRs/NDs	TRG	7/25/06	11:45	7/31/06	15:37	low ave MS/MSD recovery (68%)	329095
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW6010B	total	S	Iron	none (waived due to high parent conc)	TRG	7/25/06	11:45	7/31/06	15:37	extremely low ave MS/MSD recovery (-14.5%)	329095
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW6010B	total	S	Manganese	none (waived due to high parent conc)	TRG	7/25/06	11:45	7/31/06	15:37	low ave MS/MSD recovery (33%)	329095
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW6010B	total	S	Molybdenum	J- / UJ to RRs/NDs	TRG	7/25/06	11:45	7/31/06	15:37	low ave MS/MSD recovery (67.5%)	329095
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW6010B	total	S	Titanium	none (waived due to high parent conc)	TRG	7/25/06	11:45	7/31/06	15:37	extremely low ave MS/MSD recovery (-75%)	329095
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Aluminum	none (waived due to high parent conc)	TRG	7/24/06	16:15	7/26/06	12:31	high ave MS/MSD recovery (451.5%)	328794
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Antimony	J- / UJ to RRs/NDs	TRG	7/24/06	16:15	7/26/06	12:31	low ave MS/MSD recovery (41.5%)	328794
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Iron	none (waived due to high parent conc)	TRG	7/24/06	16:15	7/26/06	12:31	high ave MS/MSD recovery (1455%)	328794
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Lead	none (waived due to high parent conc)	TRG	7/24/06	16:15	7/26/06	12:31	low ave MS/MSD recovery (45.5%)	328794

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Manganese	none (waived due to high parent conc)	TRG	7/24/06	16:15	7/26/06	12:31	extremely low ave MS/MSD recovery (-6%)	328794
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW7471A	total	S	Mercury	none (waived due to high parent conc)	TRG	7/24/06	16:15	7/27/06	17:38	low ave MS/MSD recovery (61.5%)	328927
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Strontium	none (waived due to high parent conc)	TRG	7/24/06	16:15	7/26/06	12:31	extremely low ave MS/MSD recovery (-136%)	328794
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Zinc	none (waived due to high parent conc)	TRG	7/24/06	16:15	7/26/06	12:31	low ave MS/MSD recovery (33%)	328794
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Iron	J to RRs	TRG	7/24/06	16:15	7/26/06	12:31	poor MS/MSD precision (53 RPD)	328794
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Lead	J to RRs	TRG	7/24/06	16:15	7/26/06	12:31	poor MS/MSD precision (34 RPD)	328794
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW6010B	total	S	Strontium	J to RRs	TRG	7/24/06	16:15	7/26/06	12:31	poor MS/MSD precision (40 RPD)	328794
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW6010B	total	S	Aluminum	none (waived due to high parent conc)	TRG	7/24/06	17:00	7/26/06	17:17	high ave MS/MSD recovery (346%)	328787
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW6010B	total	S	Antimony	J- / UJ to RRs/NDs	TRG	7/24/06	17:00	7/26/06	17:17	low ave MS/MSD recovery (44%)	328787
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Aluminum	none (waived due to high parent conc)	TRG	7/23/06	15:45	7/24/06	18:03	high ave MS/MSD recovery (1315%)	328638
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Antimony	J- / R to RRs/NDs	TRG	7/23/06	15:45	7/24/06	18:03	extremely low ave MS/MSD recovery (22.5%)	328638
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Barium	none (waived due to high parent conc)	TRG	7/23/06	15:45	7/24/06	18:03	high ave MS/MSD recovery (339%)	328638
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Boron	J- / UJ to RRs/NDs	TRG	7/23/06	15:45	7/24/06	18:03	low ave MS/MSD recovery (65%)	328638
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Iron	none (waived due to high parent conc)	TRG	7/23/06	15:45	7/24/06	18:03	high ave MS/MSD recovery (1935%)	328638
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Manganese	none (waived due to high parent conc)	TRG	7/23/06	15:45	7/24/06	18:03	high ave MS/MSD recovery (2500%)	328638
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Strontium	none (waived due to high parent conc)	TRG	7/23/06	15:45	7/24/06	18:03	high ave MS/MSD recovery (151%)	328638
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Titanium	none (waived due to high parent conc)	TRG	7/23/06	15:45	7/24/06	18:03	low ave MS/MSD recovery (53%)	328638
SE5SB41-082-(1-2) (392411MSD)	392859	MSD	SW6010B	total	S	Manganese	J to RRs	TRG	7/23/06	15:45	7/24/06	18:03	poor MS/MSD precision (41 RPD)	328638
SB-504 (0-0.5)	20607202108	SMP	SW6010B	total	S	Aluminum	J to RRs	TRG	7/23/06	15:45	7/25/06	16:14	poor field precision (55 RPD)	328716

ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SB-504 (0-0.5)	20607202108	SMP	SW6010B	total	S	Lead	J to RRs	TRG	7/23/06	15:45	7/25/06	16:14	poor field precision (62 RPD)	328716
SB-504 (0-0.5)	20607202108	SMP	SW6010B	total	S	Strontium	J to RRs	TRG	7/23/06	15:45	7/25/06	16:14	poor field precision (67 RPD)	328716
SB-504 (0-0.5)	20607202108	SMP	SW6010B	total	S	Zinc	J to RRs	TRG	7/23/06	15:45	7/25/06	16:14	poor field precision (92 RPD)	328716
SB-502-(0-0.5)	20607201909	SMP	SW6010B	total	S	Strontium	J to RRs	TRG	7/24/06	16:15	7/27/06	15:49	poor field precision (73 RPD)	328892
SB-505-(1-2)	20607202118	SMP	SW6010B	total	S	Barium	J to RRs	TRG	7/23/06	15:45	7/25/06	15:11	poor field precision (68 RPD)	328716
SB-505-(1-2)	20607202118	SMP	SW6010B	total	S	Strontium	J to RRs	TRG	7/23/06	15:45	7/25/06	15:11	poor field precision (65 RPD)	328716
MB for HBN 328531 [DIGM/12276]	393059	LB	SW7471A	total	S	Mercury	U to RRs <= 5 x BlankEquivConc	TRG	7/31/06	11:15	7/31/06	17:35	laboratory blank contamination (0.0033 B mg/kg)	329132
MB for HBN 328533 [DIGM/12278]	393071	LB	SW7471A	total	S	Mercury	U to RRs <= 5 x BlankEquivConc	TRG	7/24/06	17:00	7/27/06	14:22	laboratory blank contamination (0.0027 B mg/kg)	328652
MB for HBN 328534 [DIGM/12279]	393074	LB	SW7471A	total	S	Mercury	U to RRs <= 5 x BlankEquivConc	TRG	7/25/06	11:45	7/27/06	17:04	laboratory blank contamination (0.0079 B mg/kg)	328927
MB for HBN 328535 [DIGM/12280]	393076	LB	SW7471A	total	S	Mercury	U to RRs <= 5 x BlankEquivConc	TRG	7/24/06	16:15	7/27/06	16:30	laboratory blank contamination (0.0066 B mg/kg)	328927
SF4SB46-092-(1-2)	20607200611	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	12:44	extremely low SU recovery (0%)	328877
SF4SB46-092-(1-2)	20607200611	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	12:44	extremely low SU recovery (0%)	328877
SG4SB56-112-(1-2)	20607200612	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	12:01	extremely low SU recovery (0%)	328877
SG4SB56-112-(1-2)	20607200612	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	12:01	extremely low SU recovery (0%)	328877
SE3SB39-077-(0-0.5)	20607200614	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/20/06	21:30	7/28/06	11:19	low SU recovery (56%)	328877
SE3SB39-078-(1-2)	20607200615	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	13:06	extremely low SU recovery (0%)	328877
SE3SB39-078-(1-2)	20607200615	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	13:06	extremely low SU recovery (0%)	328877
SH6SB67-133-(0-0.5)	20607201203	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/21/06	11:30	8/9/06	8:47	high SU recovery (149%)	330221
SH3SB63-125-(0-0.5)	20607201211	SMP	SW8081A		S	Decachlorobiphenyl	J / UJ to RRs/NDs	SUR	7/21/06	11:30	8/9/06	9:29	high SU recovery (152%)	330221

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SH3SB63-125-(0-0.5)	20607201211	SMP	SW8081A		S	Tetrachloro-m-xylene	J / UJ to RRs/NDs	SUR	7/21/06	11:30	8/9/06	9:29	low SU recovery (58%)	330221
SG2SB54-107-(0-0.5)	20607201213	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	10:12	extremely low SU recovery (0%)	330221
SG2SB54-107-(0-0.5)	20607201213	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	10:12	extremely low SU recovery (0%)	330221
SF2SB-44-088- (1-2)	20607201215	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/21/06	11:30	8/9/06	10:33	high SU recovery (155%)	330221
SE2SB-38-076-(0-0.5)	20607201216	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	10:54	extremely low SU recovery (0%)	330221
SE2SB-38-076-(0-0.5)	20607201216	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	10:54	extremely low SU recovery (0%)	330221
SH2SB62-124-(1-2)	20607201219	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/21/06	11:30	8/9/06	11:36	high SU recovery (156%)	330221
SG3SB55-109-(0-0.5)	20607201220	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	11:57	extremely low SU recovery (0%)	330221
SG3SB55-109-(0-0.5)	20607201220	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	11:57	extremely low SU recovery (0%)	330221
SD5SB35-070-(1-2)	20607201904	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/31/06	9:00	8/7/06	18:03	extremely low SU recovery (0%)	329781
SD5SB35-070-(1-2)	20607201904	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/31/06	9:00	8/7/06	18:03	extremely low SU recovery (0%)	329781
SE5SB41-082-(1-2)	20607202101	SMP	SW8081A		S	Tetrachloro-m-xylene	none (only one of multiple surrogates deficient)	SUR	7/21/06	15:00	7/29/06	14:56	low SU recovery (54%)	329517
SE5SB41-081-(0-0.5)	20607202102	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/21/06	15:00	7/29/06	15:17	high SU recovery (156%)	329517
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/31/06	17:00	8/3/06	13:29	extremely low SU recovery (0%)	329784
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/31/06	17:00	8/3/06	13:29	extremely low SU recovery (0%)	329784
SC6SB30-060-(1-2)	20607202111	SMP	SW8081A		S	Tetrachloro-m-xylene	none (only one of multiple surrogates deficient)	SUR	7/21/06	15:00	7/31/06	12:34	low SU recovery (53%)	329517
SF6SB48-096-(1-2)	20607202113	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/31/06	17:00	8/3/06	15:14	extremely low SU recovery (0%)	329784
SF6SB48-096-(1-2)	20607202113	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/31/06	17:00	8/3/06	15:14	extremely low SU recovery (0%)	329784
SB4SB24-048-(1-2)	20607201225	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	3:37	extremely low SU recovery (0%)	329549

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SB4SB24-048-(1-2)	20607201225	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	3:37	extremely low SU recovery (0%)	329549
SB4SB24-047-(0-0.5)	20607201226	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	7/28/06	13:44	high SU recovery (146%)	329320
SC2SB26-051-(0-0.5)	20607201228	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	7/29/06	13:31	high SU recovery (143%)	329320
SC3SB27-053-(0-0.5)	20607201232	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/23/06	14:00	8/7/06	12:06	high SU recovery (175%)	329758
SD5SB35-069-(0-0.5)	20607201903	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	7/29/06	15:04	high SU recovery (150%)	329320
SB2SB22-044-(1-2)	20607201907	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	14:30	extremely low SU recovery (0%)	329549
SB2SB22-044-(1-2)	20607201907	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	14:30	extremely low SU recovery (0%)	329549
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	14:49	extremely low SU recovery (0%)	329549
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	14:49	extremely low SU recovery (0%)	329549
SB-502-(0-0.5)	20607201909	SMP	SW8081A		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	15:07	extremely low SU recovery (0%)	329549
SB-502-(0-0.5)	20607201909	SMP	SW8081A		S	Tetrachloro-m-xylene	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	15:07	extremely low SU recovery (0%)	329549
SG5SB58-115-(0-0.5)	20607201913	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	8/3/06	4:52	high SU recovery (158%)	329549
SE6SB42-084-(1-2)	20607202122	SMP	SW8081A		S	Decachlorobiphenyl	none (only one of multiple surrogates deficient)	SUR	7/23/06	14:00	8/7/06	12:25	high SU recovery (143%)	329758
X	2060725sv17b053	CCV2	SW8081A			4,4'-DDT	J- to RRs (single col) - none	Pest			7/26/06	13:09	calibration drift column 2 (%D= -16)	
x	2060728sv17a038	**CCV1**	SW8081A			Endosulfan sulfate	J- / UJ to RRs/NDs	Pest			7/30/06	18:32	calibration drift column 1 (%D= -19)	
x	2060728sv17b038	**CCV2**	SW8081A			Endosulfan sulfate	J- / UJ to RRs/NDs	Pest			7/30/06	18:32	calibration drift column 2 (%D= -16)	
x	2060728sv17a038	**CCV1**	SW8081A			Endrin ketone	J- / UJ to RRs/NDs	Pest			7/30/06	18:32	calibration drift column 1 (%D= -18)	
x	2060728sv17b038	**CCV2**	SW8081A			Endrin ketone	J- / UJ to RRs/NDs	Pest			7/30/06	18:32	calibration drift column 2 (%D= -17)	
x	2060802sv17a035	CCV1	SW8081A			4,4'-DDD	J+ to RRs (none)	Pest			8/3/06	15:35	calibration drift column 1 (%D= 19)	

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x	2060802sv17a035	**CCV1**	SW8081A			4,4'-DDT	J- / UJ to RRs/NDs	Pest			8/3/06	15:35	calibration drift column 1 (%D= -21)	
x	2060802sv17b035	**CCV2**	SW8081A			4,4'-DDT	J- / UJ to RRs/NDs	Pest			8/3/06	15:56	calibration drift column 2 (%D= -24)	
x	2060805sv17b067	CCV2	SW8081A			beta-BHC	J- to RRs (single col) - none	Pest			8/7/06	20:09	calibration drift column 2 (%D= -16)	
x	2060805sv17b067	CCV2	SW8081A			gamma-Chlordane	J- to RRs (single col) - none	Pest			8/7/06	20:09	calibration drift column 2 (%D= -16)	
x	2060808sv17b038	CCV2	SW8081A			delta-BHC	J- to RRs (single col) - none	Pest			8/9/06	0:38	calibration drift column 2 (%D= -17)	
x	2060728sv18b014	CCV2	SW8081A			Endosulfan sulfate	J- to RRs (single col) - none	Pest			7/28/06	14:59	calibration drift column 2 (%D= -16)	
x	2060802sv18a043	**CCV1**	SW8081A			4,4'-DDT	J- / UJ to RRs/NDs	Pest			8/3/06	6:07	calibration drift column 1 (%D= -22)	
x	2060802sv18b043	**CCV2**	SW8081A			4,4'-DDT	J- / UJ to RRs/NDs	Pest			8/3/06	6:25	calibration drift column 2 (%D= -23)	
x	2060802sv18a043	CCV1	SW8081A			Methoxychlor	J- to RRs (single col) - none	Pest			8/3/06	6:07	calibration drift column 1 (%D= -18)	
x	2060802sv18a061	CCV1	SW8081A			Methoxychlor	J+ to RRs (none)	Pest			8/3/06	15:45	calibration drift column 1 (%D= 18)	
x	2060805sv18a014	CCV1	SW8081A			4,4'-DDT	J+ to RRs	Pest			8/5/06	16:32	calibration drift column 1 (%D= 18)	
x	2060805sv18a028	CCV1	SW8081A			4,4'-DDT	J+ to RRs	Pest			8/5/06	20:55	calibration drift column 1 (%D= 20)	
x	2060805sv18a028	CCV1	SW8081A			Methoxychlor	J+ to RRs (none)	Pest			8/5/06	20:55	calibration drift column 1 (%D= 18)	
x	2060805sv18a028	CCV1	SW8081A			Endrin ketone	J+ to RRs (none)	Pest			8/5/06	20:55	calibration drift column 1 (%D= 23)	
x	2060805sv18a032	CCV1	SW8081A			Endosulfan sulfate	J- to RRs (single col) - none	Pest			8/7/06	10:23	calibration drift column 1 (%D= -26)	
x	2060805sv18a032	CCV1	SW8081A			Endrin ketone	J- to RRs (single col)	Pest			8/7/06	10:23	calibration drift column 1 (%D= -20)	
x	2060805sv18b032	CCV2	SW8081A			Heptachlor	J- to RRs (single col) - none	Pest			8/7/06	10:41	calibration drift column 2 (%D= -18)	
x	2060805sv18a047	**CCV1**	SW8081A			Endosulfan sulfate	J- / UJ to RRs/NDs	Pest			8/7/06	17:13	calibration drift column 1 (%D= -24)	
x	2060805sv18b044	**CCV2**	SW8081A			Endosulfan sulfate	J- / UJ to RRs/NDs	Pest			8/7/06	16:03	calibration drift column 2 (%D= -18)	

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x	2060805sv18a047	CCV1	SW8081A			delta-BHC	J- to RRs (single col) - none	Pest			8/7/06	17:13	calibration drift column 1 (%D= -16)	
x	2060805sv18a047	CCV1	SW8081A			Endrin ketone	J- to RRs (single col)	Pest			8/7/06	17:13	calibration drift column 1 (%D= -18)	
LCSD for HBN 328513 [EXTO/1426	392953	LCSD	SW8081A		S	4,4'-DDT	J+ to RRs	TRG	7/23/06	14:00	8/5/06	16:14	high ave LCS/LCSD recovery (145.5%)	329758
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	4,4'-DDD	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (58%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	4,4'-DDT	none (waived due to high parent conc)	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (-0.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Aldrin	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (44%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Dieldrin	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (53.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Endosulfan I	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (47.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Endosulfan II	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (56%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Endosulfan sulfate	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (53.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Endrin ketone	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (37.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Heptachlor	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (33%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Methoxychlor	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (31.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	alpha-BHC	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (37.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	beta-BHC	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (36.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	delta-BHC	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (35.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	gamma-Chlordane	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	11:23	low ave MS/MSD recovery (45.5%)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	4,4'-DDE	J to RRs (none)	TRG	7/20/06	21:30	7/27/06	11:23	poor MS/MSD precision (44 RPD)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	4,4'-DDT	J to RRs	TRG	7/20/06	21:30	7/27/06	11:23	poor MS/MSD precision (128 RPD)	328877

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SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Endosulfan II	J to RRs (none)	TRG	7/20/06	21:30	7/27/06	11:23	poor MS/MSD precision (70 RPD)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	Endrin	J to RRs (none)	TRG	7/20/06	21:30	7/27/06	11:23	poor MS/MSD precision (76 RPD)	328877
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8081A		S	gamma-BHC (Lindane)	J to RRs (none)	TRG	7/20/06	21:30	7/27/06	11:23	poor MS/MSD precision (122 RPD)	328877
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8081A		S	Endosulfan I	J- / UJ to RRs/NDs	TRG	7/21/06	11:30	8/9/06	2:02	low ave MS/MSD recovery (33%)	330221
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	4,4'-DDE	J+ to RRs	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (257.5%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Dieldrin	J+ to RRs	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (193%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endosulfan I	J+ to RRs	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (267%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endosulfan II	J+ to RRs (none)	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (340%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endrin	J+ to RRs	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (1150%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endrin aldehyde	none (waived due to high parent conc)	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (641.5%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endrin ketone	J+ to RRs	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (949.5%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Heptachlor epoxide	J+ to RRs (none)	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (284%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Methoxychlor	J+ to RRs	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (348.5%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	beta-BHC	J+ to RRs (none)	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (222%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	gamma-Chlordane	J+ to RRs	TRG	7/31/06	9:00	8/7/06	18:44	high ave MS/MSD recovery (466%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	4,4'-DDT	none (waived due to high parent conc)	TRG	7/31/06	9:00	8/7/06	18:44	low ave MS/MSD recovery (-66%)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	4,4'-DDE	J to RRs	TRG	7/31/06	9:00	8/7/06	18:44	poor MS/MSD precision (161 RPD)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	4,4'-DDT	J to RRs	TRG	7/31/06	9:00	8/7/06	18:44	poor MS/MSD precision (60 RPD)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endosulfan II	J to RRs (none)	TRG	7/31/06	9:00	8/7/06	18:44	poor MS/MSD precision (64 RPD)	329781

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endrin	J to RRs	TRG	7/31/06	9:00	8/7/06	18:44	poor MS/MSD precision (46 RPD)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endrin aldehyde	J to RRs	TRG	7/31/06	9:00	8/7/06	18:44	poor MS/MSD precision (72 RPD)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	Endrin ketone	J to RRs	TRG	7/31/06	9:00	8/7/06	18:44	poor MS/MSD precision (60 RPD)	329781
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8081A		S	gamma-Chlordane	J to RRs	TRG	7/31/06	9:00	8/7/06	18:44	poor MS/MSD precision (60 RPD)	329781
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8081A		S	4,4'-DDT	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	13:06	low ave MS/MSD recovery (52.5%)	329320
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8081A		S	Endosulfan I	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	13:06	low ave MS/MSD recovery (31%)	329320
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8081A		S	4,4'-DDT	J to RRs	TRG	7/21/06	7:00	7/28/06	13:06	poor MS/MSD precision (56 RPD)	329320
SF4SB46-092-(1-2)	20607200611	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	12:44	extremely low SU recovery (0%)	328878
SG4SB56-112-(1-2)	20607200612	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	12:01	extremely low SU recovery (0%)	328878
SE3SB39-077-(0-0.5)	20607200614	SMP	SW8082		S	Decachlorobiphenyl	J- / UJ to RRs/NDs	SUR	7/20/06	21:30	7/28/06	11:19	low SU recovery (56%)	328878
SE3SB39-078-(1-2)	20607200615	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	21:30	7/28/06	13:06	extremely low SU recovery (0%)	328878
SH6SB67-133-(0-0.5)	20607201203	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	11:30	8/9/06	8:47	high SU recovery (149%)	330222
SH3SB63-125 -(0-0.5)	20607201211	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	11:30	8/9/06	9:29	high SU recovery (152%)	330222
SG2SB54-107 -(0-0.5)	20607201213	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	10:12	extremely low SU recovery (0%)	330222
SF2SB-44-088- (1-2)	20607201215	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	11:30	8/9/06	10:33	high SU recovery (155%)	330222
SE2SB-38-076 -(0-0.5)	20607201216	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	10:54	extremely low SU recovery (0%)	330222
SH2SB62-124 -(1-2)	20607201219	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	11:30	8/9/06	11:36	high SU recovery (156%)	330222
SG3SB55-109 -(0-0.5)	20607201220	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	11:30	8/9/06	11:57	extremely low SU recovery (0%)	330222
SB4SB24-048-(1-2)	20607201225	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	3:37	extremely low SU recovery (0%)	329550

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SB4SB24-047-(0-0.5)	20607201226	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	7:00	7/28/06	13:44	high SU recovery (146%)	329321
SC2SB26-051-(0-0.5)	20607201228	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	7:00	7/29/06	13:31	high SU recovery (143%)	329321
SC3SB27-053-(0-0.5)	20607201232	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs	SUR	7/23/06	14:00	8/7/06	12:06	high SU recovery (175%)	329759
SD5SB35-069-(0-0.5)	20607201903	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	7:00	7/29/06	15:04	high SU recovery (150%)	329321
SD5SB35-070-(1-2)	20607201904	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/31/06	9:00	8/7/06	18:03	extremely low SU recovery (0%)	329782
SB2SB22-044-(1-2)	20607201907	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	14:30	extremely low SU recovery (0%)	329550
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	8/3/06	14:49	extremely low SU recovery (0%)	329550
SB-502-(0-0.5)	20607201909	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	8/5/06	20:36	extremely low SU recovery (0%)	329759
SG5SB58-115-(0-0.5)	20607201913	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	7:00	8/3/06	4:52	high SU recovery (158%)	329550
SE5SB41-081-(0-0.5)	20607202102	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs (none)	SUR	7/21/06	15:00	7/29/06	15:17	high SU recovery (156%)	329518
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/31/06	17:00	8/3/06	13:29	extremely low SU recovery (0%)	329786
SF6SB48-096-(1-2)	20607202113	SMP	SW8082		S	Decachlorobiphenyl	none (surrogates diluted out)	SUR	7/31/06	17:00	8/3/06	15:14	extremely low SU recovery (0%)	329786
SE6SB42-084-(1-2)	20607202122	SMP	SW8082		S	Decachlorobiphenyl	J+ to RRs	SUR	7/23/06	14:00	8/7/06	12:25	high SU recovery (143%)	329759
x	2060805sv18a016	CCV1	SW8082			AR 1016-Peak4	none (avg RF stable)	Aro			8/5/06	17:10	calibration drift column 1 (%D= 16)	
x	2060805sv18a016	CCV1	SW8082			AR 1260-Peak2	none (avg RF stable)	Aro			8/5/06	17:10	calibration drift column 1 (%D= 20)	
x	2060805sv18a030	CCV1	SW8082			AR 1260-Peak2	none (avg RF stable)	Aro			8/5/06	21:32	calibration drift column 1 (%D= 25)	
x	2060805sv18a033	CCV1	SW8082			AR 1016-Peak1	none (avg RF stable)	Aro			8/7/06	10:41	calibration drift column 1 (%D= 18)	
x	2060805sv18a033	CCV1	SW8082			AR 1260-Peak2	none (avg RF stable)	Aro			8/7/06	10:41	calibration drift column 1 (%D= 17)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8082		S	Aroclor-1260	J+ to RRs (none)	TRG	7/20/06	21:30	7/27/06	12:05	high ave MS/MSD recovery (170%)	328878

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8082		S	Aroclor-1016	J- / UJ to RRs/NDs	TRG	7/20/06	21:30	7/27/06	12:05	low ave MS/MSD recovery (52.5%)	328878
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8082		S	Aroclor-1260	J to RRs (none)	TRG	7/20/06	21:30	7/27/06	12:05	poor MS/MSD precision (43 RPD)	328878
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8082		S	Aroclor-1016	J+ to RRs (none)	TRG	7/31/06	9:00	8/7/06	19:27	high ave MS/MSD recovery (145.5%)	329782
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8082		S	Aroclor-1260	J+ to RRs (none)	TRG	7/31/06	9:00	8/7/06	19:27	high ave MS/MSD recovery (1130%)	329782
FB-503	20607200622	FLDBK	SW8260B		W	Acetone	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	8:05	field blank contamination (1.96 J ug/L)	328555
FB-503	20607200622	FLDBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	8:05	field blank contamination (1.35 JB ug/L)	328555
FB-504	20607201919	FLDBK	SW8260B		W	Acetone	U to RRs <= 10 x BlankEquivConc	TRG			7/24/06	14:11	field blank contamination (3.26 J ug/L)	328647
COC1104-TB	20607200610	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	7:40	trip blank contamination (1.15 JB ug/L)	328555
COC1106-TB	20607200623	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	8:30	trip blank contamination (1.45 JB ug/L)	328555
COC1111-TB	20607201209	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	7:15	trip blank contamination (1.37 JB ug/L)	328555
COC1197-TB	20607201224	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	9:14	trip blank contamination (1.29 JB ug/L)	328555
COC1118-TB	20607201233	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	9:39	trip blank contamination (1.49 JB ug/L)	328555
COC1116-TB	20607201910	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/24/06	22:47	trip blank contamination (1.56 JB ug/L)	328590
COC1109-TB	20607201920	TRIPBK	SW8260B		W	Carbon disulfide	U to RRs <= 5 x BlankEquivConc	TRG			7/24/06	23:12	trip blank contamination (2.27 J ug/L)	328590
COC1109-TB	20607201920	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/24/06	23:12	trip blank contamination (3.06 JB ug/L)	328590
COC1114-TB	20607202112	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/24/06	23:37	trip blank contamination (1.88 JB ug/L)	328590
COC1112-TB	20607202124	TRIPBK	SW8260B		W	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/25/06	0:02	trip blank contamination (1.85 JB ug/L)	328590
SB-505-(1-2)	20607202118	SMP	SW8260B		S	Acetone	J / UJ to RRs/NDs	TRG			7/24/06	5:24	poor field precision (difference > 3xSQL)	328626
x	V4296	ICAL1	SW8260B			2-Butanone	J / UJ to RRs/NDs	VOC			7/18/06	8:55	poor calibration fit (%RSD=27)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
x	V4296	ICAL1	SW8260B			Acrylonitrile	J / UJ to RRs/NDs	VOC			7/18/06	8:55	poor calibration fit (%RSD=19)	
MB for HBN 328554 [MSV/8723]	393133	LB	SW8260B		S	Methylene chloride	U to RRs <= 10 x BlankEquivConc (none)	TRG			7/21/06	23:24	laboratory blank contamination (2.02 J ug/Kg)	328554
x	V4434	CCV1	SW8260B			2-Butanone	J- / UJ to RRs/NDs	VOC			7/21/06	21:08	calibration drift (%D= -27)	
x	V4434	CCV1	SW8260B			2-Chloroethyl vinyl ether	J- / UJ to RRs/NDs	VOC			7/21/06	21:08	calibration drift (%D= -47)	
x	V4434	CCV1	SW8260B			Chloromethane	J- / UJ to RRs/NDs	VOC			7/21/06	21:08	calibration drift (%D= -27)	
x	V4434	CCV1	SW8260B			Methylene chloride	J- / UJ to RRs/NDs	VOC			7/21/06	21:08	calibration drift (%D= -24)	
LCSD for HBN 328554 [MSV/8723]	393135	LCSD	SW8260B		S	1,2-Dibromo-3-chloropropane	J to RRs (none)	TRG			7/21/06	22:36	poor LCS/LCSD precision (43 RPD)	328554
LCSD for HBN 328554 [MSV/8723]	393135	LCSD	SW8260B		S	2-Butanone	J to RRs	TRG			7/21/06	22:36	poor LCS/LCSD precision (43 RPD)	328554
LCSD for HBN 328554 [MSV/8723]	393135	LCSD	SW8260B		S	2-Chloroethylvinyl ether	J- / UJ to RRs/NDs	TRG			7/21/06	22:36	low ave LCS/LCSD recovery (57.5%)	328554
LCSD for HBN 328554 [MSV/8723]	393135	LCSD	SW8260B		S	2-Hexanone	J to RRs (none)	TRG			7/21/06	22:36	poor LCS/LCSD precision (41 RPD)	328554
MB for HBN 328585 [MSV/8729]	393346	LB	SW8260B		S	2-Butanone	U to RRs <= 5 x BlankEquivConc	TRG			7/22/06	16:32	laboratory blank contamination (1.05 J ug/Kg)	328585
MB for HBN 328585 [MSV/8729]	393346	LB	SW8260B		S	Acetone	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	16:32	laboratory blank contamination (3.91 J ug/Kg)	328585
MB for HBN 328585 [MSV/8729]	393346	LB	SW8260B		S	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/22/06	16:32	laboratory blank contamination (1.6 J ug/Kg)	328585
x	V4472	CCV1	SW8260B			2-Chloroethyl vinyl ether	J- / UJ to RRs/NDs	VOC			7/22/06	14:10	calibration drift (%D= -63)	
x	V4472	CCV1	SW8260B			Acetone	J+ to RRs	VOC			7/22/06	14:10	calibration drift (%D= 30)	
x	V4472	CCV1	SW8260B			Bromomethane	J- / UJ to RRs/NDs	VOC			7/22/06	14:10	calibration drift (%D= -22)	
x	V4472	CCV1	SW8260B			Chloromethane	J- / UJ to RRs/NDs	VOC			7/22/06	14:10	calibration drift (%D= -26)	
x	V4472	CCV1	SW8260B			Hexachlorobutadiene	J+ to RRs (none)	VOC			7/22/06	14:10	calibration drift (%D= 21)	
x	V4472	CCV1	SW8260B			Isopropylbenzene	J+ to RRs	VOC			7/22/06	14:10	calibration drift (%D= 25)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
x	V4472	CCV1	SW8260B			Methylene chloride	J- / UJ to RRs/NDs	VOC			7/22/06	14:10	calibration drift (%D= -26)	
x	V4472	CCV1	SW8260B			n-Butylbenzene	J+ to RRs (none)	VOC			7/22/06	14:10	calibration drift (%D= 24)	
x	V4472	CCV1	SW8260B			o-Xylene	J+ to RRs	VOC			7/22/06	14:10	calibration drift (%D= 21)	
x	V4472	CCV1	SW8260B			p-Isopropyltoluene	J+ to RRs (none)	VOC			7/22/06	14:10	calibration drift (%D= 25)	
x	V4472	CCV1	SW8260B			Styrene	J+ to RRs (none)	VOC			7/22/06	14:10	calibration drift (%D= 22)	
x	V4472	CCV1	SW8260B			Tetrachloroethene	J+ to RRs (none)	VOC			7/22/06	14:10	calibration drift (%D= 37)	
x	V4472	CCV1	SW8260B			Trichloroethene	J+ to RRs	VOC			7/22/06	14:10	calibration drift (%D= 27)	
x	V4472	CCV1	SW8260B			Vinyl acetate	J- / UJ to RRs/NDs	VOC			7/22/06	14:10	calibration drift (%D= -22)	
LCSD for HBN 328585 [MSV/8729]	393348	LCSD	SW8260B		S	2-Chloroethylvinyl ether	J- / UJ to RRs/NDs	TRG			7/22/06	15:40	low ave LCS/LCSD recovery (37.5%)	328585
MB for HBN 328605 [MSV/8738]	393393	LB	SW8260B		S	2-Butanone	U to RRs <= 5 x BlankEquivConc	TRG			7/23/06	9:30	laboratory blank contamination (1.13 J ug/Kg)	328605
MB for HBN 328605 [MSV/8738]	393393	LB	SW8260B		S	Acetone	U to RRs <= 10 x BlankEquivConc	TRG			7/23/06	9:30	laboratory blank contamination (10.1 J ug/Kg)	328605
MB for HBN 328605 [MSV/8738]	393393	LB	SW8260B		S	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/23/06	9:30	laboratory blank contamination (1.18 J ug/Kg)	328605
MB for HBN 328605 [MSV/8738]	393393	LB	SW8260B		S	Styrene	U to RRs <= 5 x BlankEquivConc (none)	TRG			7/23/06	9:30	laboratory blank contamination (1.69 J ug/Kg)	328605
x	V4507	CCV1	SW8260B			1,2-Dibromo-3-chloropropane	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 29)	
x	V4507	CCV1	SW8260B			1,3,5-Trimethylbenzene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 21)	
x	V4507	CCV1	SW8260B			2-Chloroethyl vinyl ether	J- / UJ to RRs/NDs	VOC			7/23/06	6:54	calibration drift (%D= -53)	
x	V4507	CCV1	SW8260B			2-Hexanone	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 23)	
x	V4507	CCV1	SW8260B			Acrylonitrile	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 24)	
x	V4507	CCV1	SW8260B			Bromomethane	J- / UJ to RRs/NDs	VOC			7/23/06	6:54	calibration drift (%D= -47)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
x	V4507	CCV1	SW8260B			Carbon tetrachloride	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 23)	
x	V4507	CCV1	SW8260B			Chloromethane	J- / UJ to RRs/NDs	VOC			7/23/06	6:54	calibration drift (%D= -43)	
x	V4507	CCV1	SW8260B			Isopropylbenzene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 28)	
x	V4507	CCV1	SW8260B			m,p-Xylene	J+ to RRs	VOC			7/23/06	6:54	calibration drift (%D= 21)	
x	V4507	CCV1	SW8260B			n-Butylbenzene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 29)	
x	V4507	CCV1	SW8260B			o-Xylene	J+ to RRs	VOC			7/23/06	6:54	calibration drift (%D= 23)	
x	V4507	CCV1	SW8260B			p-Isopropyltoluene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 27)	
x	V4507	CCV1	SW8260B			sec-Butylbenzene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 27)	
x	V4507	CCV1	SW8260B			Styrene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 40)	
x	V4507	CCV1	SW8260B			tert-Butylbenzene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 23)	
x	V4507	CCV1	SW8260B			Tetrachloroethene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 36)	
x	V4507	CCV1	SW8260B			Total Xylene	J+ to RRs	VOC			7/23/06	6:54	calibration drift (%D= 22)	
x	V4507	CCV1	SW8260B			trans-1,4-Dichloro-2-butene	J+ to RRs (none)	VOC			7/23/06	6:54	calibration drift (%D= 23)	
x	V4509	CCV2	SW8260B			n-Butyl alcohol	J+ to RRs	App9			7/23/06	7:54	calibration drift (%D= 31)	
LCSD for HBN 328605 [MSV/8738]	393395	LCSD	SW8260B		S	2-Chloroethylvinyl ether	J- / UJ to RRs/NDs	TRG			7/23/06	8:42	low ave LCS/LCSD recovery (54%)	328605
LCSD for HBN 328605 [MSV/8738]	393395	LCSD	SW8260B		S	Methyl Acetate	J to RRs (none)	TRG			7/23/06	8:42	poor LCS/LCSD precision (53 RPD)	328605
MB for HBN 328626 [MSV/8742]	393418	LB	SW8260B		S	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/23/06	21:23	laboratory blank contamination (1.84 J ug/Kg)	328626
MB for HBN 328626 [MSV/8742]	393418	LB	SW8260B		S	Naphthalene	U to RRs <= 5 x BlankEquivConc	TRG			7/23/06	21:23	laboratory blank contamination (3.49 J ug/Kg)	328626
x	V4537	CCV1	SW8260B			Chloromethane	J- / UJ to RRs/NDs	VOC			7/23/06	19:10	calibration drift (%D= -28)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
x	V4537	CCV1	SW8260B			Bromomethane	J- / UJ to RRs/NDs	VOC			7/23/06	19:10	calibration drift (%D= -29)	
x	V4537	CCV1	SW8260B			Methylene chloride	J- / UJ to RRs/NDs	VOC			7/23/06	19:10	calibration drift (%D= -31)	
x	V4537	CCV1	SW8260B			Methyl acetate	J- / UJ to RRs/NDs	VOC			7/23/06	19:10	calibration drift (%D= -24)	
x	V4537	CCV1	SW8260B			Vinyl acetate	J- / UJ to RRs/NDs	VOC			7/23/06	19:10	calibration drift (%D= -24)	
x	V4537	CCV1	SW8260B			Trichloroethene	J+ to RRs (none)	VOC			7/23/06	19:10	calibration drift (%D= 23)	
x	V4537	CCV1	SW8260B			2-Chloroethyl vinyl ether	J- / UJ to RRs/NDs	VOC			7/23/06	19:10	calibration drift (%D= -30)	
x	V4537	CCV1	SW8260B			Tetrachloroethene	J+ to RRs	VOC			7/23/06	19:10	calibration drift (%D= 23)	
x	V4537	CCV1	SW8260B			1,2-Dibromo-3-chloropropane	J+ to RRs (none)	VOC			7/23/06	19:10	calibration drift (%D= 22)	
x	V4537	CCV1	SW8260B			Hexachlorobutadiene	J+ to RRs (none)	VOC			7/23/06	19:10	calibration drift (%D= 22)	
x	V4537	CCV1	SW8260B			Naphthalene	J+ to RRs	VOC			7/23/06	19:10	calibration drift (%D= 23)	
x	V4538	CCV2	SW8260B			n-Butyl alcohol	J- / UJ to RRs/NDs	App9			7/23/06	19:47	calibration drift (%D= -25)	
LCSD for HBN 328626 [MSV/8742]	393420	LCSD	SW8260B		S	2-Chloroethylvinyl ether	J- / UJ to RRs/NDs	TRG			7/23/06	20:35	low ave LCS/LCSD recovery (59.5%)	328626
MB for HBN 328721 [MSV/8752]	393860	LB	SW8260B		S	Methylene chloride	U to RRs <= 10 x BlankEquivConc	TRG			7/25/06	11:19	laboratory blank contamination (2.07 J ug/Kg)	328721
MB for HBN 328721 [MSV/8752]	393860	LB	SW8260B		S	Naphthalene	U to RRs <= 5 x BlankEquivConc	TRG			7/25/06	11:19	laboratory blank contamination (3.36 J ug/Kg)	328721
x	V4594	CCV1	SW8260B			Chloromethane	J- / UJ to RRs/NDs	VOC			7/25/06	8:58	calibration drift (%D= -30)	
x	V4594	CCV1	SW8260B			Acetone	J+ to RRs	VOC			7/25/06	8:58	calibration drift (%D= 46)	
x	V4594	CCV1	SW8260B			2-Butanone	J- / UJ to RRs/NDs	VOC			7/25/06	8:58	calibration drift (%D= -23)	
x	V4594	CCV1	SW8260B			n-Butylbenzene	J+ to RRs (none)	VOC			7/25/06	8:58	calibration drift (%D= 22)	
LCS for HBN 328721 [MSV/8752]	393861	LCS	SW8260B		S	Acetone	J+ to RRs	TRG			7/25/06	10:07	high LCS recovery (174%)	328721

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
x	V4681	ICAL1	SW8260B			Chloroethane	J / UJ to RRs/NDs	VOC			7/27/06	9:21	poor calibration fit (%RSD=16)	
x	V4693	CCV2	SW8260B			n-Butyl alcohol	J- / UJ to RRs/NDs	App9			7/27/06	15:32	calibration drift (%D= -28)	
LCSD for HBN 328933 [MSV/8766]	395015	LCSD	SW8260B		S	Methyl Acetate	J- / UJ to RRs/NDs	TRG			7/27/06	15:05	low ave LCS/LCSD recovery (59%)	328933
LCSD for HBN 328933 [MSV/8766]	395015	LCSD	SW8260B		S	Acetone	J+ to RRs	TRG			7/27/06	15:05	high ave LCS/LCSD recovery (169%)	328933
x	G5023	ICAL2	SW8260B			n-Butyl alcohol	J / UJ to RRs/NDs	App9			6/14/06	7:30	low instrument response (low RRF); elevate SDL for NDs 2x (SW/GW) or 50x (Sed/SB)	
x	G5210	ICAL1	SW8260B			2-Chloroethyl vinyl ether	J / UJ to RRs/NDs	VOC			6/18/06	16:30	poor calibration fit (%RSD=26)	
x	G5210	ICAL1	SW8260B			Acrolein	J / UJ to RRs/NDs	VOC			6/18/06	16:30	low instrument response (low RRF); elevate SDL for NDs 20x (SW), 15x (SB)	
x	G5210	ICAL1	SW8260B			Chloroethane	J / UJ to RRs/NDs	VOC			6/18/06	16:30	low instrument response (low RRF); elevate SDL for NDs 20x (SW/SB)	
x	G5210	ICAL1	SW8260B			Vinyl Chloride	J / UJ to RRs/NDs	VOC			6/18/06	16:30	poor calibration fit (%RSD=16)	
x	G6613	CCV1	SW8260B			Chloroethane	J+ to RRs (none)	VOC			7/27/06	21:41	calibration drift (%D= 192)	
x	G6613	CCV1	SW8260B			Trichlorofluoromethane	J+ to RRs (none)	VOC			7/27/06	21:41	calibration drift (%D= 30)	
x	G6613	CCV1	SW8260B			Methyl iodide	J+ to RRs (none)	VOC			7/27/06	21:41	calibration drift (%D= 31)	
x	G6613	CCV1	SW8260B			Acetone	J+ to RRs (none)	VOC			7/27/06	21:41	calibration drift (%D= 29)	
x	G6613	CCV1	SW8260B			2-Chloroethyl vinyl ether	J+ to RRs (none)	VOC			7/27/06	21:41	calibration drift (%D= 41)	
LCSD for HBN 328954 [MSV/8768]	395129	LCSD	SW8260B		S	Chloroethane	J+ to RRs (none)	TRG			7/27/06	23:02	high ave LCS/LCSD recovery (274%)	328954
x	G6728	CCV1	SW8260B			Chloroethane	J+ to RRs (none)	VOC			7/31/06	8:14	calibration drift (%D= 213)	
x	G6728	CCV1	SW8260B			Methyl iodide	J+ to RRs (none)	VOC			7/31/06	8:14	calibration drift (%D= 21)	
x	G6728	CCV1	SW8260B			Acrolein	J- / UJ to RRs/NDs	VOC			7/31/06	8:14	calibration drift (%D= -33)	
x	G6728	CCV1	SW8260B			Methyl acetate	J- / UJ to RRs/NDs	VOC			7/31/06	8:14	calibration drift (%D= -27)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
x	G6728	CCV1	SW8260B			1,1,2,2-Tetrachloroethane	J- / UJ to RRs/NDs	VOC			7/31/06	8:14	calibration drift (%D= -21)	
x	G6728	CCV1	SW8260B			1,2-Dibromo-3-chloropropane	J- / UJ to RRs/NDs	VOC			7/31/06	8:14	calibration drift (%D= -23)	
LCSD for HBN 329089 [MSV/8783]	395844	LCSD	SW8260B		S	Chloroethane	J+ to RRs (none)	TRG			7/31/06	9:33	high ave LCS/LCSD recovery (166.5%)	329089
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Cyclohexane	none (waived due to high parent conc)	TRG			7/23/06	15:11	high ave MS/MSD recovery (360%)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	2-Butanone	none (waived due to high parent conc)	TRG			7/23/06	15:11	low ave MS/MSD recovery (7.5%)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	2-Chloroethylvinyl ether	J- / UJ to RRs/NDs	TRG			7/23/06	15:11	low ave MS/MSD recovery (24.5%)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Acetone	none (waived due to high parent conc)	TRG			7/23/06	15:11	low ave MS/MSD recovery (-600%)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Hexachlorobutadiene	J- / UJ to RRs/NDs	TRG			7/23/06	15:11	low ave MS/MSD recovery (47.5%)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Methylene chloride	J- / UJ to RRs/NDs	TRG			7/23/06	15:11	low ave MS/MSD recovery (57%)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	2-Chloroethylvinyl ether	J to RRs (none)	TRG			7/23/06	15:11	poor MS/MSD precision (200 RPD)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Acetone	J to RRs	TRG			7/23/06	15:11	poor MS/MSD precision (49 RPD)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Benzene	J to RRs	TRG			7/23/06	15:11	poor MS/MSD precision (42 RPD)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Cyclohexane	J to RRs	TRG			7/23/06	15:11	poor MS/MSD precision (178 RPD)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Hexachlorobutadiene	J to RRs (none)	TRG			7/23/06	15:11	poor MS/MSD precision (79 RPD)	328605
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8260B		S	Naphthalene	J to RRs	TRG			7/23/06	15:11	poor MS/MSD precision (48 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,2,4-Trichlorobenzene	J- / UJ to RRs/NDs	TRG			7/23/06	17:38	low ave MS/MSD recovery (56.5%)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	2-Butanone	J- / UJ to RRs/NDs	TRG			7/23/06	17:38	low ave MS/MSD recovery (56.5%)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	2-Chloroethylvinyl ether	J- / R to RRs/NDs	TRG			7/23/06	17:38	extremely low ave MS/MSD recovery (0%)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Acetone	none (waived due to high parent conc)	TRG			7/23/06	17:38	low ave MS/MSD recovery (-8%)	328605

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Hexachlorobutadiene	J- / UJ to RRs/NDs	TRG			7/23/06	17:38	low ave MS/MSD recovery (43%)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,1,1,2-Tetrachloroethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (42 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,1,2,2-Tetrachloroethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (61 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,1,2-Trichloroethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (53 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,1-Dichloroethane	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (50 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,1-Dichloroethene	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (41 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,2,3-Trichloropropane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (62 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,2-Dibromo-3-chloropropane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (58 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,2-Dibromoethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (62 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,2-Dichloroethane	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (55 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,2-Dichloropropane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (48 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	1,3-Dichloropropane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (54 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	2,2-Dichloropropane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (74 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	2-Butanone	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (62 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	2-Hexanone	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (62 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	4-Methyl-2-pentanone	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (62 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Acetone	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (62 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Acrolein	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (45 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Acrylonitrile	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (49 RPD)	328605

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Bromobenzene	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (49 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Bromodichloromethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (52 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Bromoform	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (56 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Bromomethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (49 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Carbon disulfide	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (41 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Chloroform	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (50 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Chloromethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (57 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Dibromochloromethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (55 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Dibromomethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (56 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Dichlorodifluoromethane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (52 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Hexachlorobutadiene	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (62 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Methyl Acetate	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (72 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Methyl iodide	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (62 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Methylcyclohexane	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (44 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Methylene chloride	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (54 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Naphthalene	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (48 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Styrene	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (97 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Toluene	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (41 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Vinyl acetate	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (43 RPD)	328605

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	Vinyl chloride	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (50 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	cis-1,2-Dichloroethene	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (45 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	cis-1,3-Dichloropropene	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (51 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	tert-Butyl methyl ether (MTBE)	J to RRs	TRG			7/23/06	17:38	poor MS/MSD precision (51 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	trans-1,2-Dichloroethene	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (44 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	trans-1,3-Dichloropropene	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (54 RPD)	328605
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8260B		S	trans-1,4-Dichloro-2-butene	J to RRs (none)	TRG			7/23/06	17:38	poor MS/MSD precision (77 RPD)	328605
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8260B		S	Methyl Acetate	J+ to RRs (none)	TRG			7/28/06	2:01	high ave MS/MSD recovery (204%)	328954
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8260B		S	Trichlorofluoromethane	J- / UJ to RRs/NDs	TRG			7/28/06	2:01	low ave MS/MSD recovery (37%)	328954
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8260B		S	2-Chloroethylvinyl ether	J to RRs (none)	TRG			7/28/06	2:01	poor MS/MSD precision (102 RPD)	328954
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8260B		S	Methyl Acetate	J+ to RRs (none)	TRG			7/28/06	2:50	high ave MS/MSD recovery (215%)	328954
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8260B		S	Trichlorofluoromethane	J- / UJ to RRs/NDs	TRG			7/28/06	2:50	low ave MS/MSD recovery (34.5%)	328954
SF3SB45-089-(0-0.5)	20607200601	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/22/06	22:01	low Acid SU recovery (58%)	
SF3SB45-089-(0-0.5)	20607200601	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/22/06	22:01	low B/N SU recovery (56%)	
SF3SB45-090-(1-2)	20607200602	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	14:48	extremely low SU recovery (0%)	
SF3SB45-090-(1-2)	20607200602	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	14:48	extremely low SU recovery (0%)	
SF3SB45-090-(1-2)	20607200602	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	14:48	extremely low SU recovery (0%)	
SF3SB45-090-(1-2)	20607200602	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	14:48	extremely low SU recovery (0%)	
SF3SB45-090-(1-2)	20607200602	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	14:48	extremely low SU recovery (0%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SF3SB45-090-(1-2)	20607200602	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	14:48	extremely low SU recovery (0%)	
SI5SB74-147-(0-0.5)	20607200605	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/22/06	23:01	low B/N SU recovery (53%)	
SI5SB74-148-(1-2)	20607200606	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/22/06	23:16	low B/N SU recovery (56%)	
SH4SB64-127-(0-0.5)	20607200608	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/22/06	23:46	low B/N SU recovery (49%)	
SF4SB46-091-(0-0.5)	20607200609	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:19	extremely low SU recovery (0%)	
SF4SB46-091-(0-0.5)	20607200609	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:19	extremely low SU recovery (0%)	
SF4SB46-091-(0-0.5)	20607200609	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:19	extremely low SU recovery (0%)	
SF4SB46-091-(0-0.5)	20607200609	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:19	extremely low SU recovery (0%)	
SF4SB46-091-(0-0.5)	20607200609	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:19	extremely low SU recovery (0%)	
SF4SB46-091-(0-0.5)	20607200609	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:19	extremely low SU recovery (0%)	
SF4SB46-092-(1-2)	20607200611	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:34	extremely low SU recovery (0%)	
SF4SB46-092-(1-2)	20607200611	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:34	extremely low SU recovery (0%)	
SF4SB46-092-(1-2)	20607200611	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:34	extremely low SU recovery (0%)	
SF4SB46-092-(1-2)	20607200611	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:34	extremely low SU recovery (0%)	
SF4SB46-092-(1-2)	20607200611	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:34	extremely low SU recovery (0%)	
SF4SB46-092-(1-2)	20607200611	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:34	extremely low SU recovery (0%)	
SG4SB56-112-(1-2)	20607200612	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:51	extremely low SU recovery (0%)	
SG4SB56-112-(1-2)	20607200612	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:51	extremely low SU recovery (0%)	
SG4SB56-112-(1-2)	20607200612	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:51	extremely low SU recovery (0%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SG4SB56-112-(1-2)	20607200612	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:51	extremely low SU recovery (0%)	
SG4SB56-112-(1-2)	20607200612	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:51	extremely low SU recovery (0%)	
SG4SB56-112-(1-2)	20607200612	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/20/06	20:00	7/23/06	15:51	extremely low SU recovery (0%)	
SG4SB56-111-(0-0.5)	20607200613	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/23/06	0:45	low B/N SU recovery (45%)	
SE3SB39-078-(1-2)	20607200615	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/23/06	1:15	low B/N SU recovery (47%)	
SH5SB66-131-(0-0.5)	20607200616	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/23/06	1:30	low B/N SU recovery (47%)	
SH5SB66-132-(1-2)	20607200617	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/20/06	20:00	7/23/06	1:45	low B/N SU recovery (44%)	
SF6SB50-099-(0-0.5)	20607201201	SMP	SW8270C		S	2,4,6-Tribromophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/27/06	14:15	low Acid SU recovery (44%)	low Acid SU recovery (44%), low Acid SU recovery (53%), low Acid SU recovery (55%)
SF6SB50-099-(0-0.5)	20607201201	SMP	SW8270C		S	2-Fluorophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/27/06	14:15	low Acid SU recovery (53%)	
SF6SB50-099-(0-0.5)	20607201201	SMP	SW8270C		S	Phenol-d5	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/27/06	14:15	low Acid SU recovery (55%)	
SF6SB50-099-(0-0.5)	20607201201	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	14:15	low B/N SU recovery (34%)	low B/N SU recovery (34%), low B/N SU recovery (38%)
SF6SB50-099-(0-0.5)	20607201201	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	14:15	low B/N SU recovery (38%)	
SF6SB50-100-(1-2)	20607201202	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/27/06	14:30	low Acid SU recovery (55%)	
SF6SB50-100-(1-2)	20607201202	SMP	SW8270C		S	Nitrobenzene-d5	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/27/06	14:30	low B/N SU recovery (48%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SH6SB67-133-(0-0.5)	20607201203	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/27/06	14:45	low Acid SU recovery (42%)	
SH6SB67-133-(0-0.5)	20607201203	SMP	SW8270C		S	Nitrobenzene-d5	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/27/06	14:45	low B/N SU recovery (51%)	
SH6SB67-134-(1-2)	20607201204	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/27/06	15:01	low Acid SU recovery (55%)	
SH6SB67-134-(1-2)	20607201204	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	15:01	low B/N SU recovery (41%)	low B/N SU recovery (41%), low B/N SU recovery (44%)
SH6SB67-134-(1-2)	20607201204	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	15:01	low B/N SU recovery (44%)	
SG7SB60-120-(1-2)	20607201207	SMP	SW8270C		S	2,4,6-Tribromophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/27/06	15:47	low Acid SU recovery (55%)	low Acid SU recovery (55%), low Acid SU recovery (59%), low Acid SU recovery (59%)
SG7SB60-120-(1-2)	20607201207	SMP	SW8270C		S	2-Fluorophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/27/06	15:47	low Acid SU recovery (59%)	
SG7SB60-120-(1-2)	20607201207	SMP	SW8270C		S	Phenol-d5	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/27/06	15:47	low Acid SU recovery (59%)	
SG7SB60-120-(1-2)	20607201207	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	15:47	low B/N SU recovery (38%)	low B/N SU recovery (38%), low B/N SU recovery (39%)
SG7SB60-120-(1-2)	20607201207	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	15:47	low B/N SU recovery (39%)	
SG7SB60-119-(0-0.5)	20607201208	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/27/06	16:02	low Acid SU recovery (54%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SG7SB60-119-(0-0.5)	20607201208	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	16:02	low B/N SU recovery (49%)	low B/N SU recovery (49%), low B/N SU recovery (57%)
SG7SB60-119-(0-0.5)	20607201208	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	16:02	low B/N SU recovery (57%)	
SH3SB63-126 -(1-2)	20607201210	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/27/06	16:18	low Acid SU recovery (51%)	
SH3SB63-126 -(1-2)	20607201210	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	16:18	low B/N SU recovery (37%)	low B/N SU recovery (37%), low B/N SU recovery (47%)
SH3SB63-126 -(1-2)	20607201210	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	16:18	low B/N SU recovery (47%)	
SG2SB54-108- (1-2)	20607201212	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/28/06	12:00	low Acid SU recovery (54%)	
SG2SB54-108- (1-2)	20607201212	SMP	SW8270C		S	Nitrobenzene-d5	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/28/06	12:00	low B/N SU recovery (55%)	
SG2SB54-107 -(0-0.5)	20607201213	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/24/06	14:00	8/1/06	12:33	extremely low SU recovery (0%)	
SG2SB54-107 -(0-0.5)	20607201213	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/24/06	14:00	8/1/06	12:33	extremely low SU recovery (0%)	
SG2SB54-107 -(0-0.5)	20607201213	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/24/06	14:00	8/1/06	12:33	extremely low SU recovery (0%)	
SG2SB54-107 -(0-0.5)	20607201213	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/24/06	14:00	8/1/06	12:33	extremely low SU recovery (0%)	
SG2SB54-107 -(0-0.5)	20607201213	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/24/06	14:00	8/1/06	12:33	extremely low SU recovery (0%)	
SG2SB54-107 -(0-0.5)	20607201213	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/24/06	14:00	8/1/06	12:33	extremely low SU recovery (0%)	
SF2SB-44-087 -(0-0.5)	20607201214	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	17:18	low B/N SU recovery (47%)	low B/N SU recovery (47%), low B/N SU recovery (50%)

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SF2SB-44-087 -(0-0.5)	20607201214	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/27/06	17:18	low B/N SU recovery (50%)	
SF2SB-44-088- (1-2)	20607201215	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/28/06	12:46	low Acid SU recovery (54%)	
SF2SB-44-088- (1-2)	20607201215	SMP	SW8270C		S	Nitrobenzene-d5	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/28/06	12:46	low B/N SU recovery (53%)	
SE2SB-38-076 -(0-0.5)	20607201216	SMP	SW8270C		S	Phenol-d5	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	8/1/06	12:48	low Acid SU recovery (59%)	
SE2SB-38-076 -(0-0.5)	20607201216	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	8/1/06	12:48	low B/N SU recovery (47%)	low B/N SU recovery (47%), low B/N SU recovery (52%), low B/N SU recovery (55%)
SE2SB-38-076 -(0-0.5)	20607201216	SMP	SW8270C		S	Terphenyl-d14	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	8/1/06	12:48	low B/N SU recovery (52%)	
SE2SB-38-076 -(0-0.5)	20607201216	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	8/1/06	12:48	low B/N SU recovery (55%)	
SE2SB-38-075 -(1-2)	20607201217	SMP	SW8270C		S	2,4,6-Tribromophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/28/06	10:59	low Acid SU recovery (44%)	low Acid SU recovery (44%), low Acid SU recovery (59%)
SE2SB-38-075 -(1-2)	20607201217	SMP	SW8270C		S	Phenol-d5	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/28/06	10:59	low Acid SU recovery (59%)	
SE2SB-38-075 -(1-2)	20607201217	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/28/06	10:59	low B/N SU recovery (53%)	low B/N SU recovery (53%), low B/N SU recovery (57%)
SE2SB-38-075 -(1-2)	20607201217	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/28/06	10:59	low B/N SU recovery (57%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SH2SB62-123 -(0-0.5)	20607201218	SMP	SW8270C		S	2,4,6-Tribromophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/28/06	11:14	low Acid SU recovery (54%)	low Acid SU recovery (54%), low Acid SU recovery (58%), low Acid SU recovery (58%)
SH2SB62-123 -(0-0.5)	20607201218	SMP	SW8270C		S	2-Fluorophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/28/06	11:14	low Acid SU recovery (58%)	
SH2SB62-123 -(0-0.5)	20607201218	SMP	SW8270C		S	Phenol-d5	J- / UJ to RRs/NDs for Acid analytes	SUR	7/24/06	14:00	7/28/06	11:14	low Acid SU recovery (58%)	
SH2SB62-123 -(0-0.5)	20607201218	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/28/06	11:14	low B/N SU recovery (41%)	low B/N SU recovery (41%), low B/N SU recovery (42%)
SH2SB62-123 -(0-0.5)	20607201218	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/24/06	14:00	7/28/06	11:14	low B/N SU recovery (42%)	
SG3SB55-109 -(0-0.5)	20607201220	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/24/06	14:00	7/29/06	16:50	low B/N SU recovery (59%)	
SG3SB55-110 -(1-2)	20607201221	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/21/06	7:00	7/28/06	16:40	low B/N SU recovery (45%)	low B/N SU recovery (45%), low B/N SU recovery (49%)
SG3SB55-110 -(1-2)	20607201221	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/21/06	7:00	7/28/06	16:40	low B/N SU recovery (49%)	
SB4SB24-047-(0-0.5)	20607201226	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	8/1/06	9:35	low Acid SU recovery (58%)	
SC2SB26-051-(0-0.5)	20607201228	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:25	extremely low SU recovery (0%)	
SC2SB26-051-(0-0.5)	20607201228	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:25	extremely low SU recovery (0%)	
SC2SB26-051-(0-0.5)	20607201228	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:25	extremely low SU recovery (0%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SC2SB26-051-(0-0.5)	20607201228	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:25	extremely low SU recovery (0%)	
SC2SB26-051-(0-0.5)	20607201228	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:25	extremely low SU recovery (0%)	
SC2SB26-051-(0-0.5)	20607201228	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:25	extremely low SU recovery (0%)	
SC5SB29-058-(1-2)	20607201229	SMP	SW8270C		S	Nitrobenzene-d5	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	7/28/06	18:11	low B/N SU recovery (58%)	
SD5SB35-069-(0-0.5)	20607201903	SMP	SW8270C		S	Terphenyl-d14	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	8/1/06	14:03	low B/N SU recovery (57%)	
SD5SB35-070-(1-2)	20607201904	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	22:06	extremely low SU recovery (0%)	
SD5SB35-070-(1-2)	20607201904	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	22:06	extremely low SU recovery (0%)	
SD5SB35-070-(1-2)	20607201904	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	22:06	extremely low SU recovery (0%)	
SD5SB35-070-(1-2)	20607201904	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	22:06	extremely low SU recovery (0%)	
SD5SB35-070-(1-2)	20607201904	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	22:06	extremely low SU recovery (0%)	
SD5SB35-070-(1-2)	20607201904	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	22:06	extremely low SU recovery (0%)	
SB2SB22-044-(1-2)	20607201907	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	7/28/06	19:25	low Acid SU recovery (56%)	
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	20:55	extremely low SU recovery (0%)	
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	20:55	extremely low SU recovery (0%)	
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	20:55	extremely low SU recovery (0%)	
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	20:55	extremely low SU recovery (0%)	
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	20:55	extremely low SU recovery (0%)	
SB2SB22-043-(0-0.5)	20607201908	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	20:55	extremely low SU recovery (0%)	
SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:10	extremely low SU recovery (0%)	

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SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:10	extremely low SU recovery (0%)	
SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:10	extremely low SU recovery (0%)	
SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:10	extremely low SU recovery (0%)	
SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:10	extremely low SU recovery (0%)	
SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/21/06	7:00	7/28/06	21:10	extremely low SU recovery (0%)	
SG5SB58-116-(1-2)	20607201914	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	7/28/06	20:25	low Acid SU recovery (52%)	
SG5SB58-116-(1-2)	20607201914	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/21/06	7:00	7/28/06	20:25	low B/N SU recovery (48%)	low B/N SU recovery (48%), low B/N SU recovery (56%)
SG5SB58-116-(1-2)	20607201914	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/21/06	7:00	7/28/06	20:25	low B/N SU recovery (56%)	
SJ1SB77-154-(1-2)	20607201915	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/21/06	7:00	7/28/06	20:40	low Acid SU recovery (57%)	
SJ1SB77-154-(1-2)	20607201915	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/21/06	7:00	7/28/06	20:40	low B/N SU recovery (46%)	low B/N SU recovery (46%), low B/N SU recovery (48%)
SJ1SB77-154-(1-2)	20607201915	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/21/06	7:00	7/28/06	20:40	low B/N SU recovery (48%)	
SG6SB59-118-(1-2)	20607201917	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	23:04	extremely low SU recovery (0%)	
SG6SB59-118-(1-2)	20607201917	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	23:04	extremely low SU recovery (0%)	
SG6SB59-118-(1-2)	20607201917	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	23:04	extremely low SU recovery (0%)	
SG6SB59-118-(1-2)	20607201917	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	23:04	extremely low SU recovery (0%)	
SG6SB59-118-(1-2)	20607201917	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	23:04	extremely low SU recovery (0%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SG6SB59-118-(1-2)	20607201917	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/21/06	15:00	7/23/06	23:04	extremely low SU recovery (0%)	
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/21/06	15:00	7/24/06	1:30	extremely low SU recovery (0%)	
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	15:00	7/24/06	1:30	extremely low SU recovery (0%)	
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/21/06	15:00	7/24/06	1:30	extremely low SU recovery (0%)	
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/21/06	15:00	7/24/06	1:30	extremely low SU recovery (0%)	
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/21/06	15:00	7/24/06	1:30	extremely low SU recovery (0%)	
SD4SB34-067-(0-0.5)	20607202109	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/21/06	15:00	7/24/06	1:30	extremely low SU recovery (0%)	
SC6SB30-060-(1-2)	20607202111	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/21/06	15:00	7/24/06	1:59	low Acid SU recovery (27%)	
SF6SB48-096-(1-2)	20607202113	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	7/21/06	15:00	7/24/06	2:14	low Acid SU recovery (57%)	
SF6SB48-095-(0-0.5)	20607202114	SMP	SW8270C		S	2,4,6-Tribromophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/21/06	15:00	7/24/06	2:28	low Acid SU recovery (51%)	low Acid SU recovery (51%), low Acid SU recovery (52%), low Acid SU recovery (57%)
SF6SB48-095-(0-0.5)	20607202114	SMP	SW8270C		S	2-Fluorophenol	J- / UJ to RRs/NDs for Acid analytes	SUR	7/21/06	15:00	7/24/06	2:28	low Acid SU recovery (52%)	
SF6SB48-095-(0-0.5)	20607202114	SMP	SW8270C		S	Phenol-d5	J- / UJ to RRs/NDs for Acid analytes	SUR	7/21/06	15:00	7/24/06	2:28	low Acid SU recovery (57%)	
SF6SB48-095-(0-0.5)	20607202114	SMP	SW8270C		S	Nitrobenzene-d5	J- / UJ to RRs/NDs for B/N analytes	SUR	7/21/06	15:00	7/24/06	2:28	low B/N SU recovery (39%)	low B/N SU recovery (39%), low B/N SU recovery (45%)
SF6SB48-095-(0-0.5)	20607202114	SMP	SW8270C		S	2-Fluorobiphenyl	J- / UJ to RRs/NDs for B/N analytes	SUR	7/21/06	15:00	7/24/06	2:28	low B/N SU recovery (45%)	

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SG5SB57-114-(1-2)	20607202115	SMP	SW8270C		S	Nitrobenzene-d5	none (only one of multiple surrogates deficient)	SUR	7/21/06	15:00	7/24/06	2:42	low B/N SU recovery (59%)	
SG5SB57-113-(0-0.5)	20607202116	SMP	SW8270C		S	Nitrobenzene-d5	none (only one of multiple surrogates deficient)	SUR	7/21/06	9:00	7/23/06	17:08	low B/N SU recovery (56%)	
SE6SB42-084-(1-2)	20607202122	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:41	extremely low SU recovery (0%)	
SE6SB42-084-(1-2)	20607202122	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:41	extremely low SU recovery (0%)	
SE6SB42-084-(1-2)	20607202122	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:41	extremely low SU recovery (0%)	
SE6SB42-084-(1-2)	20607202122	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:41	extremely low SU recovery (0%)	
SE6SB42-084-(1-2)	20607202122	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:41	extremely low SU recovery (0%)	
SE6SB42-084-(1-2)	20607202122	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:41	extremely low SU recovery (0%)	
SE6SB42-083-(0-0.5)	20607202123	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:57	extremely low SU recovery (0%)	
SE6SB42-083-(0-0.5)	20607202123	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:57	extremely low SU recovery (0%)	
SE6SB42-083-(0-0.5)	20607202123	SMP	SW8270C		S	2-Fluorophenol	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:57	extremely low SU recovery (0%)	
SE6SB42-083-(0-0.5)	20607202123	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:57	extremely low SU recovery (0%)	
SE6SB42-083-(0-0.5)	20607202123	SMP	SW8270C		S	Phenol-d5	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:57	extremely low SU recovery (0%)	
SE6SB42-083-(0-0.5)	20607202123	SMP	SW8270C		S	Terphenyl-d14	none (surrogates diluted out)	SUR	7/21/06	9:00	7/23/06	18:57	extremely low SU recovery (0%)	
SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	Phenanthrene	J to RRs	TRG	7/21/06	7:00	7/28/06	21:10	poor field precision (117 RPD)	
SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	Benzo(a)anthracene	J / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	21:10	poor field precision (difference > 3xSQL)	
SB-502-(0-0.5)	20607201909	SMP	SW8270C		S	Benzo(a)pyrene	J / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	21:10	poor field precision (difference > 3xSQL)	
FB-503	20607200622	FLDBK	SW8270C		W	Acetophenone	U to RRs <= 5 x BlankEquivConc	TRG	7/21/06	12:00	7/24/06	18:24	field blank contamination (0.899 J ug/L)	
FB-503	20607200622	FLDBK	SW8270C		W	Bis(2-Ethylhexyl)phthalate	U to RRs <= 10 x BlankEquivConc	TRG	7/21/06	12:00	7/24/06	18:24	field blank contamination (1.23 JB ug/L)	

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FB-503	20607200622	FLDBK	SW8270C		W	Diethyl phthalate	U to RRs <= 10 x BlankEquivConc	TRG	7/21/06	12:00	7/24/06	18:24	field blank contamination (1.07 J ug/L)	
FB-504	20607201919	FLDBK	SW8270C		W	Acetophenone	U to RRs <= 5 x BlankEquivConc	TRG	7/21/06	12:00	7/24/06	18:39	field blank contamination (0.921 J ug/L)	
FB-504	20607201919	FLDBK	SW8270C		W	Bis(2-Ethylhexyl)phthalate	U to RRs <= 10 x BlankEquivConc	TRG	7/21/06	12:00	7/24/06	18:39	field blank contamination (2.04 JB ug/L)	
FB-504	20607201919	FLDBK	SW8270C		W	Diethyl phthalate	U to RRs <= 10 x BlankEquivConc (none)	TRG	7/21/06	12:00	7/24/06	18:39	field blank contamination (1.09 J ug/L)	
x	B2547	ICAL1	SW8270C			Benzo(a)pyrene	J / UJ to RRs/NDs	SVOC			7/20/06	9:35	poor calibration fit (%RSD=26)	
x	C0268	ICAL1	SW8270C			Benzidine	J to RRs < adjusted SQL (none)	SVOC			7/22/06	9:05	lowest ICAL standard at 1.65 mg/kg; adjust SQL 1.25x (SB)	
x	C0268	ICAL1	SW8270C			Pyridine	J / UJ to RRs/NDs	SVOC			7/22/06	9:05	poor calibration fit (%RSD=30)	
x	C0268	ICAL1	SW8270C			Acenapthene	J / UJ to RRs/NDs	SVOC			7/22/06	9:05	poor calibration fit (%RSD=18)	
x	C0268	ICAL1	SW8270C			Benzidine	J / UJ to RRs/NDs	SVOC			7/22/06	9:05	poor calibration fit (%RSD=27)	
x	C0268	ICAL1	SW8270C			Benzo(a)pyrene	J / UJ to RRs/NDs	SVOC			7/22/06	9:05	poor calibration fit (%RSD=27)	
x	C0268	ICAL1	SW8270C			n-Nitrosodimethylamine	J / UJ to RRs/NDs	SVOC			7/22/06	9:05	low instrument response (low RRF); elevate SDL for NDs 8x (SB)	
x	C0268	ICAL1	SW8270C			Aniline	J / UJ to RRs/NDs	SVOC			7/22/06	9:05	low instrument response (low RRF); elevate SDL for NDs 6x (SB)	
x	C0268	ICAL1	SW8270C			Benzaldehyde	J / UJ to RRs/NDs	SVOC			7/22/06	9:05	low instrument response (low RRF); elevate SDL for NDs 3x (SB)	
x	C0362	ICAL1	SW8270C			2,4-Dinitrophenol	J / UJ to RRs/NDs	SVOC			7/26/06	13:38	low instrument response (low RRF); elevate SDL for NDs 1.2x (Sed/SB); none required for GW	
x	C0362	ICAL1	SW8270C			4,6-Dinitro-o-cresol	J / UJ to RRs/NDs	SVOC			7/26/06	13:38	low instrument response (low RRF); elevate SDL for NDs 4x (Sed/SB); 3x (GW)	
x	C0362	ICAL1	SW8270C			Benzaldehyde	J / UJ to RRs/NDs	SVOC			7/26/06	13:38	poor calibration fit (%RSD=61)	
x	C0362	ICAL1	SW8270C			Benzidine	J / UJ to RRs/NDs	SVOC			7/26/06	13:38	poor calibration fit (%RSD=24)	
x	C0362	ICAL1	SW8270C			Benzo(a)pyrene	J / UJ to RRs/NDs	SVOC			7/26/06	13:38	poor calibration fit (%RSD=20)	
x	C0362	ICAL1	SW8270C			Pyridine	J / UJ to RRs/NDs	SVOC			7/26/06	13:38	poor calibration fit (%RSD=39)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
QC Batch =	328661													
x	B2654	CCV1	SW8270C			Benzidine	J- / UJ to RRs/NDs	SVOC			7/22/06	14:02	calibration drift (%D= -30)	
x	B2654	CCV1	SW8270C			N-Nitrosodimethylamine	J+ to RRs (none)	SVOC			7/22/06	14:02	calibration drift (%D= 22)	
QC Batch =	328662													
x	B2804	CCV1	SW8270C			Benzaldehyde	J+ to RRs (none)	SVOC			7/23/06	14:30	calibration drift (%D= 42)	
x	B2804	CCV1	SW8270C			Benzidine	J- / UJ to RRs/NDs	SVOC			7/23/06	14:30	calibration drift (%D= -52)	
x	B2804	CCV1	SW8270C			N-Nitrosodimethylamine	J+ to RRs (none)	SVOC			7/23/06	14:30	calibration drift (%D= 28)	
x	B2804	CCV1	SW8270C			Pyridine	J+ to RRs (none)	SVOC			7/23/06	14:30	calibration drift (%D= 21)	
QC Batch =	329075													
x	B3059	CCV1	SW8270C			Benzaldehyde	J- / UJ to RRs/NDs	SVOC			7/29/06	15:36	calibration drift (%D= -28)	
x	B3059	CCV1	SW8270C			Benzidine	J- / UJ to RRs/NDs	SVOC			7/29/06	15:36	calibration drift (%D= -71)	
x	B3059	CCV1	SW8270C			Pyridine	J+ to RRs (none)	SVOC			7/29/06	15:36	calibration drift (%D= 23)	
QC Batch =	329152													
x	B3153	CCV1	SW8270C			Benzidine	J- / UJ to RRs/NDs	SVOC			8/1/06	8:32	calibration drift (%D= -66)	
x	B3153	CCV1	SW8270C			N-Nitrosodimethylamine	J+ to RRs (none)	SVOC			8/1/06	8:32	calibration drift (%D= 24)	
x	B3153	CCV1	SW8270C			Pyridine	J+ to RRs (none)	SVOC			8/1/06	8:32	calibration drift (%D= 41)	
QC Batch =	328663													
x	C0307	CCV1	SW8270C			Benzaldehyde	J+ to RRs (none)	SVOC			7/23/06	15:35	calibration drift (%D= 160)	
x	C0307	CCV1	SW8270C			Benzidine	J+ to RRs (none)	SVOC			7/23/06	15:35	calibration drift (%D= 119)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
x	C0307	CCV1	SW8270C			Pyridine	J- / UJ to RRs/NDs	SVOC			7/23/06	15:35	calibration drift (%D= -27)	
QC Batch =	328912													
x	C0411	CCV1	SW8270C			4-Nitrophenol	J- / UJ to RRs/NDs	SVOC			7/27/06	9:22	calibration drift (%D= -24)	
x	C0411	CCV1	SW8270C			Benzaldehyde	J+ to RRs (none)	SVOC			7/27/06	9:22	calibration drift (%D= 51)	
x	C0411	CCV1	SW8270C			Benzidine	J- / UJ to RRs/NDs	SVOC			7/27/06	9:22	calibration drift (%D= -31)	
x	C0411	CCV1	SW8270C			Benzoic acid	J- / UJ to RRs/NDs	SVOC			7/27/06	9:22	calibration drift (%D= -24)	
x	C0411	CCV1	SW8270C			Pyridine	J+ to RRs (none)	SVOC			7/27/06	9:22	calibration drift (%D= 48)	
QC Batch =	329009													
x	C0501	CCV1	SW8270C			Benzaldehyde	J+ to RRs (none)	SVOC			7/28/06	9:58	calibration drift (%D= 49)	
x	C0501	CCV1	SW8270C			Pyridine	J+ to RRs (none)	SVOC			7/28/06	9:58	calibration drift (%D= 47)	
MB for HBN 328412 [EXTO/14239]	392365	LB	SW8270C		S	Bis(2-Ethylhexyl)phthalate	U to RRs <= 10 x BlankEquivConc	TRG	7/20/06	20:00	7/22/06	21:15	laboratory blank contamination (42.9 J ug/Kg)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (45%)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	2-Methylnaphthalene	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (59.5%)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	4-Chloroaniline	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (59%)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	Aniline	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (59.5%)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	Benzoic acid	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (55%)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	Bis(2-Chloroisopropyl)ether	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (56%)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	Hexachlorocyclopentadiene	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (54.5%)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	Hexachloroethane	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (35.5%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	Phenol	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (58.5%)	
LCSD for HBN 328412 [EXTO/1423	392367	LCSD	SW8270C		S	Pyridine	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	21:46	low ave LCS/LCSD recovery (54%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (32%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	4,6-Dinitro-2-methylphenol	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (28.5%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Benzaldehyde	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (25.5%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Benzidine	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (15%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Benzo(g,h,i)perylene	none (waived due to high parent conc)	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (1%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Benzoic acid	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (24%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Bis(2-Ethylhexyl)phthalate	none (waived due to high parent conc)	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (-25%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Hexachlorocyclopentadiene	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (22%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Hexachloroethane	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (53.5%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Indeno(1,2,3-cd)pyrene	none (waived due to high parent conc)	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (29.5%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Pyrene	J- / UJ to RRs/NDs	TRG	7/20/06	20:00	7/22/06	22:46	low ave MS/MSD recovery (52%)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Aniline	J to RRs (none)	TRG	7/20/06	20:00	7/22/06	22:46	poor MS/MSD precision (45 RPD)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Benzaldehyde	J to RRs (none)	TRG	7/20/06	20:00	7/22/06	22:46	poor MS/MSD precision (60 RPD)	
SF3SB45-090-(1-2)MSD	20607200604	MSD	SW8270C		S	Benzidine	J to RRs (none)	TRG	7/20/06	20:00	7/22/06	22:46	poor MS/MSD precision (84 RPD)	
MB for HBN 328429 [EXTO/14246]	392483	LB	SW8270C		S	Bis(2-Ethylhexyl)phthalate	U to RRs <= 10 x BlankEquivConc	TRG	7/21/06	7:00	7/28/06	15:54	laboratory blank contamination (21.8 J ug/Kg)	
LCSD for HBN 328429 [EXTO/1424	392485	LCSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	16:25	low ave LCS/LCSD recovery (49.5%)	
LCSD for HBN 328429 [EXTO/1424	392485	LCSD	SW8270C		S	3-Nitroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	16:25	low ave LCS/LCSD recovery (52%)	

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Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
LCSD for HBN 328429 [EXTO/1424	392485	LCSD	SW8270C		S	4-Chloroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	16:25	low ave LCS/LCSD recovery (56.5%)	
LCSD for HBN 328429 [EXTO/1424	392485	LCSD	SW8270C		S	Benzidine	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	16:25	low ave LCS/LCSD recovery (41.5%)	
LCSD for HBN 328429 [EXTO/1424	392485	LCSD	SW8270C		S	Bis(2-Chloroisopropyl)ether	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	16:25	low ave LCS/LCSD recovery (58.5%)	
LCSD for HBN 328429 [EXTO/1424	392485	LCSD	SW8270C		S	Hexachloroethane	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	16:25	low ave LCS/LCSD recovery (51%)	
LCSD for HBN 328429 [EXTO/1424	392485	LCSD	SW8270C		S	Indeno(1,2,3-cd)pyrene	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	16:25	low ave LCS/LCSD recovery (55%)	
LCSD for HBN 328429 [EXTO/1424	392485	LCSD	SW8270C		S	n-Nitrosodimethylamine	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	16:25	low ave LCS/LCSD recovery (57%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (40.5%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	2-Methylnaphthalene	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (59.5%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	3-Nitroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (55%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	4-Chloroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (55.5%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	4-Nitroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (55%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Aniline	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (58%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Benzaldehyde	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (56.5%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Benzidine	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (6%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Benzoic acid	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (27.5%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Bis(2-Chloroisopropyl)ether	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (53.5%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Hexachlorocyclopentadiene	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (52%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Hexachloroethane	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (33.5%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Indeno(1,2,3-cd)pyrene	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (59.5%)	

ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Nitrobenzene	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (58.5%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	Phenol	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (59%)	
SG3SB55-110 -(1-2) MSD	20607201223	MSD	SW8270C		S	n-Nitrosodimethylamine	J- / UJ to RRs/NDs	TRG	7/21/06	7:00	7/28/06	17:10	low ave MS/MSD recovery (53.5%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (37.5%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	3-Nitroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (50%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	4,6-Dinitro-2-methylphenol	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (55.5%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	4-Chloroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (44%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	Aniline	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (57.5%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	Benzidine	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (43.5%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	Benzo(k)fluoranthene	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (55%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	Benzoic acid	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (56.5%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	Hexachloroethane	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (59.5%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	Phenol	J- / UJ to RRs/NDs	TRG	7/21/06	9:00	7/23/06	16:37	low ave LCS/LCSD recovery (58%)	
LCSD for HBN 328472 [EXTO/1426	392728	LCSD	SW8270C		S	Benzaldehyde	J to RRs (none)	TRG	7/21/06	9:00	7/23/06	16:37	poor LCS/LCSD precision (66 RPD)	
MB for HBN 328440 [EXTO/14250]	392537	LB	SW8270C		S	Benzo(g,h,i)perylene	U to RRs <= 5 x BlankEquivConc	TRG	7/21/06	15:00	7/23/06	21:22	laboratory blank contamination (26.7 J ug/Kg)	
MB for HBN 328440 [EXTO/14250]	392537	LB	SW8270C		S	Bis(2-Ethylhexyl)phthalate	U to RRs <= 10 x BlankEquivConc	TRG	7/21/06	15:00	7/23/06	21:22	laboratory blank contamination (12.9 J ug/Kg)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (36.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	2-Chloronaphthalene	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (57.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	2-Methylnaphthalene	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (55%)	

ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	3-Nitroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (53.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	4,6-Dinitro-2-methylphenol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (54%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	4-Chloroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (58%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Acenaphthene	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (59%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Acenaphthylene	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (54.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Benzoic acid	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (51.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Bis(2-Chloroisopropyl)ether	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (57%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Dibenzofuran	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (56.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Fluorene	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (58.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Hexachloroethane	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (48%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Indeno(1,2,3-cd)pyrene	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (52%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Pentachlorophenol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (58.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Pyridine	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (54%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	m,p-Cresol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (59.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	n-Nitrosodimethylamine	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (36.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	o-Cresol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	21:51	low ave LCS/LCSD recovery (59.5%)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	Indeno(1,2,3-cd)pyrene	J to RRs	TRG	7/21/06	15:00	7/23/06	21:51	poor LCS/LCSD precision (41 RPD)	
LCSD for HBN 328440 [EXTO/1425	392539	LCSD	SW8270C		S	n-Nitrosodimethylamine	J to RRs (none)	TRG	7/21/06	15:00	7/23/06	21:51	poor LCS/LCSD precision (47 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzidine	J+ to RRs (none)	TRG	7/21/06	15:00	7/23/06	22:35	high ave MS/MSD recovery (169%)	

ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (27%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	4,6-Dinitro-2-methylphenol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (37.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	4-Chloroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (57.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	4-Nitroaniline	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (31.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Acenaphthylene	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (44%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Aniline	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (38.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzaldehyde	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (34.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzo(a)anthracene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (-18%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzo(a)pyrene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (4%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzo(b)fluoranthene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (-5.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzo(g,h,i)perylene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (57.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzo(k)fluoranthene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (18.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Biphenyl	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (57%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Caprolactam	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (48.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Chrysene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (3%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Fluoranthene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (-51.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Hexachlorocyclopentadiene	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (4.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Hexachloroethane	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (40.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Pentachlorophenol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (36%)	

ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Phenanthrene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (33%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Pyrene	none (waived due to high parent conc)	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (-19.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	m,p-Cresol	J- / UJ to RRs/NDs	TRG	7/21/06	15:00	7/23/06	22:35	low ave MS/MSD recovery (46.5%)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	2,4,6-Trichlorophenol	J to RRs (none)	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (47 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	4-Nitrophenol	J to RRs (none)	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (47 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzaldehyde	J to RRs (none)	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (52 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzo(k)fluoranthene	J to RRs	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (48 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Benzoic acid	J to RRs (none)	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (95 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Caprolactam	J to RRs (none)	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (118 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Chrysene	J to RRs	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (44 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Fluoranthene	J to RRs	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (65 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Hexachlorocyclopentadiene	J to RRs (none)	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (81 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Pentachlorophenol	J to RRs (none)	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (78 RPD)	
SD5SB35-070-(1-2) MSD	20607201906	MSD	SW8270C		S	Pyrene	J to RRs	TRG	7/21/06	15:00	7/23/06	22:35	poor MS/MSD precision (48 RPD)	
MB for HBN 328426 [EXTO/14243]	392468	LB	SW8270C		S	Bis(2-Ethylhexyl)phthalate	U to RRs <= 10 x BlankEquivConc	TRG	7/24/06	14:00	7/27/06	13:29	laboratory blank contamination (20.2 J ug/Kg)	
LCSD for HBN 328426 [EXTO/1424	392470	LCSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	14:00	low ave LCS/LCSD recovery (25.5%)	
LCSD for HBN 328426 [EXTO/1424	392470	LCSD	SW8270C		S	3-Nitroaniline	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	14:00	low ave LCS/LCSD recovery (59.5%)	
LCSD for HBN 328426 [EXTO/1424	392470	LCSD	SW8270C		S	4,6-Dinitro-2-methylphenol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	14:00	low ave LCS/LCSD recovery (42.5%)	
LCSD for HBN 328426 [EXTO/1424	392470	LCSD	SW8270C		S	4-Nitrophenol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	14:00	low ave LCS/LCSD recovery (55.5%)	

ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
LCSD for HBN 328426 [EXTO/1424	392470	LCSD	SW8270C		S	Benzoic acid	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	14:00	low ave LCS/LCSD recovery (33.5%)	
LCSD for HBN 328426 [EXTO/1424	392470	LCSD	SW8270C		S	Phenol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	14:00	low ave LCS/LCSD recovery (55.5%)	
LCSD for HBN 328426 [EXTO/1424	392470	LCSD	SW8270C		S	o-Cresol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	14:00	low ave LCS/LCSD recovery (58%)	
LCSD for HBN 328426 [EXTO/1424	392470	LCSD	SW8270C		S	2,4-Dinitrophenol	J to RRs (none)	TRG	7/24/06	14:00	7/27/06	14:00	poor LCS/LCSD precision (51 RPD)	
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	15:32	low ave MS/MSD recovery (26.5%)	
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8270C		S	4,6-Dinitro-2-methylphenol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	15:32	low ave MS/MSD recovery (45.5%)	
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8270C		S	4-Nitrophenol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	15:32	low ave MS/MSD recovery (58.5%)	
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8270C		S	Benzidine	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	15:32	low ave MS/MSD recovery (49%)	
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8270C		S	Benzoic acid	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	15:32	low ave MS/MSD recovery (23.5%)	
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8270C		S	Phenol	J- / UJ to RRs/NDs	TRG	7/24/06	14:00	7/27/06	15:32	low ave MS/MSD recovery (58.5%)	
SH6SB67-134-(1-2) MSD	20607201206	MSD	SW8270C		S	Pyridine	J to RRs (none)	TRG	7/24/06	14:00	7/27/06	15:32	poor MS/MSD precision (42 RPD)	

NELAP CERTIFICATE NUMBER 01955

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 08/02/2006

GCAL Report 206072006

Deliver To	Pastor, Behling, & Wheeler 2201 Double Creek Dr Suite 4004 Round Rock, TX 78664 512-671-3434
Attn	Eric Matzner

Customer Pastor, Behling, & Wheeler

Project Gulfco Marine Maintenance Site

CASE NARRATIVE

Client: Pastor, Behling, & Wheeler **Report:** 206072006

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, samples 20607200611 (SF4SB46-092-(1-2)) and 20607200612 (SG4SB56-112-(1-2)) had to be diluted to due to the sample matrix. The dilutions are reflected in the elevated detection limits. The concentration of Isopropylbenzene exceeded the upper calibration range of the instrument in the diluted analysis of sample 20607200611 (SF4SB46-092-(1-2)). The sample was not analyzed at a lower dilution and therefore this compound is flagged as estimated.

In the SW-846 8260B analysis, the recovery for the surrogate, Toluene-8 was above the upper control limit for samples 20607200602 (SF3SB45-090-(1-2)) and 20607200617 (SH5SB66-132-(1-2)). All other surrogate recoveries were acceptable for these samples.

In the SW-846 8260B analysis for analytical batch 328555, no MS/MSD was performed because the only samples in the batch were trip and field blanks. The LCS recoveries were outside control limits for 1,1,2,2-Trichloroethane, 1,2-Dibromo-3-chloropropane, and Chloroethane. All other batch QC was acceptable. Methylene chloride was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8260B analysis for analytical batch 328554, no MS/MSD was performed due to insufficient sample volume. The LCS and/or LCSD recoveries were outside control limits for 1,1,2,2-Trichloroethane, Dibromochloromethane, Styrene, and 2-Chloroethylvinyl ether. The LCS/LCSD RPDs were above the control limits for 1,2-Dibromo-3-chloropropane, 2-Butanone, 4-Methyl-2-pentanone, 2-Hexanone, and Acrylonitrile. Methylene chloride was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8260B analysis for analytical batch 328585, the MS/MSD exhibited sporadic recovery and RPD failures. The MS/MSD and LCS/LCSD recoveries were outside control limits for 2-Chloroethylvinyl ether. All other LCS/LCSD recoveries and RPDs were acceptable. Methylene chloride was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8260B analysis for analytical batch 328605, the MS/MSD exhibited numerous recovery and RPD failures. These failures may be attributed to the sample matrix. The LCS/LCSD recoveries for 2-Chloroethyl Vinyl ether and Styrene were outside the control limits. The LCS/LCSD RPDs were above the control limits for

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Bromomethane and Methyl acetate. All other LCS/LCSD recoveries and RPDs were acceptable. Acetone, Methylene chloride, 2-Butanone, and Styrene were detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8260B analysis for analytical batch 328954, the MS/MSD exhibited sporadic recovery failures and RPD failures. The LCS/LCSD recoveries for Chloroethane were above the upper control limit. This compound was not detected in the associated samples.

In the SW-846 8260B analysis, the recoveries for Dichlorodifluoromethane, Methyl Acetate, trans-1,4-Dichloro-2-butene, and 1,2-Dibromo-3-chloropropane were outside the control limits in the ICV (MSV4, 07/18/06).

In the SW-846 8260B analysis, %D/%Drift was outside ±30% for 2-Chloroethylvinyl ether and Tetrachloroethene in the CCV (MSV4, 07/22/06).

In the SW-846 8260B analysis, %D/%Drift was outside ±30% for Chloromethane, Bromomethane, 2-Chloroethylvinyl ether, Tetrachloroethene, and Styrene in the CCV (MSV4, 07/23/06).

In the SW-846 8260B analysis, the recoveries for Chloroethane, Trichlorofluoromethane, 2-Chloroethylvinyl ether, and Naphthalene were outside the control limits in the ICV (MSV5, 07/19/06).

In the SW-846 8260B analysis, %D/%Drift was outside ±30% for Chloroethane, Methyl iodide, 4-Methyl-2-pentanone, 2-Hexanone, 1,1,2,2-Tetrachloroethane, and 1,2-Dibromo-3-chloropropane in the CCV (MSV5, 07/21/06).

In the SW-846 8260B analysis, %D/%Drift for Chloroethane and 2-Chloroethylvinyl ether was outside ±30% in the CCV (MSV5, 07/27/06).

SEMI-VOLATILES MASS SPECTROMETRY

In the SW-846 8270C analysis of samples 20607200602 (SF3SB45-090-(1-2)), 20607200603 (SF3SB45-090-(1-2)MS)), 20607200604 (SF3SB45-090-(1-2)MSD)), 20607200609 (SF4SB46-091-(0-0.5)), 20607200611 (SF4SB46-092-(1-2)) and 20607200612 (SG4SB56-112-(1-2)) required a dilution prior to analysis due to the presence of non-target background. This dilution is reflected in elevated detection limits. The recovery for the surrogates is reported as "D" ,(diluted out) for those samples analyzed at a 10 or higher dilution.

In the SW-846 8270C analysis, samples 20607200604 (SF3SB45-090-(1-2)MSD)), 20607200607 (SH4SB64-128-(1-2)), 20607200615 (SE3SB39-078-(1-2)), and 20607200617 (SH5SB66-132-(1-2)) had one surrogate recovery outside of control limits in the acid fraction. All other surrogate recoveries were acceptable for these samples.

In the SW-846 8270C analysis for prep batch 328467, the MS/MSD recoveries are not

187975

applicable for 2,4-Dinitrotoluene due to the high concentration of this compound in the spiked sample. The MS/MSD recoveries for Pyridine were 0%. This is attributed to matrix interference. The LCS/LCSD recoveries were outside the control limits for Benzidine and Benzaldehyde. All other LCS/LCSD recoveries and RPDs were acceptable.

In the SW-846 8270C analysis for prep batch 328412, the MS/MSD exhibited recovery and RPD failures. The LCS and/or LCSD recoveries were outside control limits for Benzidine, Hexachloroethane, 2-Nitrophenol and Benzaldehyde. All other LCS/LCSD recoveries were acceptable. Bis(2-ethylhexyl)phthalate was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8270C analysis, the %D/%Drift was outside ±30% for Benzidine and Benzaldehyde in the CCV (MSSV3, 07/23/06;07/24/06).

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the SW-846 8081A and 8082 analyses, samples 20607200611 (SF4SB46-092-(1-2)), 20607200612 (SG4SB56-112-(1-2)), and 20607200615 (SE3SB39-078-(1-2)) required a dilution prior to analysis to eliminate the interference of non-target background. This dilution is reflected in elevated detection limits. The recoveries for the surrogates are reported as "D" (diluted out).

In the SW-846 8081A analysis, the recovery for the surrogate, Decachlorobiphenyl was above the upper control limit for sample 20607200603 (SF3SB45-090-(1-2)MS)).

In the SW-846 8081A analysis for prep batch 328410, the MS/MSD exhibited recovery and RPD failures. These recoveries were within limits in the LCS and/or LCSD. This is attributed to matrix interference.

In the SW-846 8082 analysis for prep batch 328411, the MS/MSD exhibited sporadic recovery failures. These recoveries were within limits in the LCS and/or LCSD. This is attributed to matrix interference.

METALS

In the SW-846 6010B analysis, samples 20607200605 (SI5SB74-147-(0-0.5)), 20607200602 (SF3SB45-090-(1-2)), 20607200608 (SH4SB64-127-(0-0.5)), 20607200614 (SE3SB39-077-(0-0.5)) and 20607200616 (SH5SB66-131-(0-0.5)) had to be diluted in order to bracket the concentrations within the linear dynamic range of the instrument. This is reflected in elevated detection limits.

In the SW-846 6010B analysis for prep batch 328499, the MS and/or MSD recoveries were outside the control limits for Antimony, Boron, Chromium, Molybdenum and Titanium. The LCS recovery was within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with recoveries of 110% for Antimony, 90%

187976

for Boron, 92% for Chromium, 107% for Molybdenum and 88% for Titanium. The MS/MSD recoveries and RPDs and post-digestion spike recoveries are not applicable for Aluminum, Barium, Iron, Lead, Manganese and Zinc because the sample concentration is greater than four times the spike concentration.

187977

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 206072006

THIS REPORT CONTAINS 2105 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200601	SF3SB45-089-(0-0.5)	Solid	07/18/2006 16:30	07/20/2006 09:35
20607200602	SF3SB45-090-(1-2)	Solid	07/18/2006 16:25	07/20/2006 09:35
20607200603	SF3SB45-090-(1-2)MS	Solid	07/18/2006 16:25	07/20/2006 09:35
20607200604	SF3SB45-090-(1-2)MSD	Solid	07/18/2006 16:25	07/20/2006 09:35
20607200605	SI5SB74-147-(0-0.5)	Solid	07/18/2006 17:30	07/20/2006 09:35
20607200606	SI5SB74-148-(1-2)	Solid	07/18/2006 17:35	07/20/2006 09:35
20607200607	SH4SB64-128-(1-2)	Solid	07/18/2006 17:45	07/20/2006 09:35
20607200608	SH4SB64-127-(0-0.5)	Solid	07/18/2006 17:50	07/20/2006 09:35
20607200609	SF4SB46-091-(0-0.5)	Solid	07/18/2006 17:05	07/20/2006 09:35
20607200610	COC1104-TB	Water		07/20/2006 09:35
20607200611	SF4SB46-092-(1-2)	Solid	07/18/2006 17:00	07/20/2006 09:35
20607200612	SG4SB56-112-(1-2)	Solid	07/18/2006 17:15	07/20/2006 09:35
20607200613	SG4SB56-111-(0-0.5)	Solid	07/18/2006 17:20	07/20/2006 09:35
20607200614	SE3SB39-077-(0-0.5)	Solid	07/18/2006 16:50	07/20/2006 09:35
20607200615	SE3SB39-078-(1-2)	Solid	07/18/2006 16:45	07/20/2006 09:35
20607200616	SH5SB66-131-(0-0.5)	Solid	07/18/2006 17:50	07/20/2006 09:35
20607200617	SH5SB66-132-(1-2)	Solid	07/18/2006 17:55	07/20/2006 09:35
20607200618	SH4SB65-130-(1-2)	Solid	07/18/2006 18:30	07/20/2006 09:35
20607200619	SH4SB65-129-(0-0.5)	Solid	07/18/2006 18:25	07/20/2006 09:35
20607200620	SI4SB72-144-(1-2)	Solid	07/18/2006 18:00	07/20/2006 09:35
20607200621	SI4SB72-143-(0-0.5)	Solid	07/18/2006 18:05	07/20/2006 09:35
20607200622	FB-503	Water	07/18/2006 18:45	07/20/2006 09:35
20607200623	COC1106-TB	Water		07/20/2006 09:35

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Method: SW-846 8260

	SAMPLE NO.	SMC1	#	SMC2	#	SMC3	#	SMC4	#	TOT OUT
1.	COC1104-TB	108		119		106		115		0
2.	FB-503	106		118		105		113		0
3.	COC1106-TB	104		117		108		112		0
4.	LCS393137	114		109		109		102		0
5.	MB393136	109		112		109		106		0

		QC LIMITS
SMC 1	4-Bromofluorobenzene	78 - 130
SMC 2	Dibromofluoromethane	77 - 127
SMC 3	Toluene-d8	76 - 134
SMC 4	1,2-Dichloroethane-d4	71 - 127

Column to be used to flag recovery values

* Values outside of contract required QC limits

FORM II VOA-1

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Method: SW-846 8260

	SAMPLE NO.	SMC1	#	SMC2	#	SMC3	#	SMC4	#	TOT OUT
1 .	SF3SB45-090-(1-2)	102		107		140	*	98		1
2 .	SF3SB45-090-(1-2)MS	106		99		117		97		0
3 .	SF3SB45-090-(1-2)MSD	105		108		127		106		0
4 .	SI5SB74-148-(1-2)	107		107		131		95		0
5 .	SH4SB64-128-(1-2)	108		101		124		95		0
6 .	SF4SB46-092-(1-2)	109		106		132		93		0
7 .	SF4SB46-092-(1-2)	107		107		114		100		0
8 .	SG4SB56-112-(1-2)	108		106		110		99		0
9 .	SE3SB39-078-(1-2)	108		102		128		95		0
10 .	SH5SB66-132-(1-2)	109		109		133	*	95		1
11 .	LCSD395129	108		111		108		108		0
12 .	LCSD393135	108		101		122		96		0
13 .	LCSD393348	114		104		120		96		0
14 .	LCSD393395	110		105		122		101		0
15 .	LCS395128	105		114		108		110		0
16 .	LCS393134	109		94		123		97		0
17 .	LCS393347	112		104		119		95		0
18 .	LCS393394	105		96		115		98		0
19 .	MB395127	102		112		107		112		0
20 .	MB393133	109		107		128		98		0
21 .	MB393346	116		107		128		96		0
22 .	MB393393	104		98		122		98		0

		QC LIMITS
SMC 1	4-Bromofluorobenzene	62 - 127
SMC 2	Dibromofluoromethane	65 - 130
SMC 3	Toluene-d8	71 - 132
SMC 4	1,2-Dichloroethane-d4	62 - 125

Column to be used to flag recovery values

* Values outside of contract required QC limits

FORM II VOA-2

3A

WATER VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Analytical Batch: 328555

SAMPLE NO. : 393137

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	#	QC. LIMITS
1,1,1,2-Tetrachloroethane	ug/L	25	0	23.2	93		80 - 125
1,1,1-Trichloroethane	ug/L	25	0	22.6	90		76 - 122
1,1,2,2-Tetrachloroethane	ug/L	25	0	17.4	70	*	71 - 143
1,1,2-Trichloroethane	ug/L	25	0	21.9	88		77 - 130
1,1-Dichloroethane	ug/L	25	0	22.5	90		77 - 121
1,1-Dichloroethene	ug/L	25	0	24.6	98		76 - 127
1,1-Dichloropropene	ug/L	25	0	21.6	86		79 - 121
1,2,3-Trichloropropane	ug/L	25	0	18	72		72 - 141
1,2,4-Trichlorobenzene	ug/L	25	0	23.2	93		76 - 137
1,2,4-Trimethylbenzene	ug/L	25	0	22.5	90		80 - 133
1,2-Dibromo-3-chloropropane	ug/L	25	0	14.4	58	*	63 - 138
1,2-Dibromoethane	ug/L	25	0	20.8	83		79 - 131
1,2-Dichlorobenzene	ug/L	25	0	22.3	89		80 - 125
1,2-Dichloroethane	ug/L	25	0	22.7	91		75 - 122
1,2-Dichloropropane	ug/L	25	0	22.8	91		78 - 121
1,3,5-Trimethylbenzene	ug/L	25	0	22.8	91		80 - 131
1,3-Dichlorobenzene	ug/L	25	0	22.9	92		80 - 127
1,3-Dichloropropane	ug/L	25	0	21.9	88		80 - 128
1,4-Dichlorobenzene	ug/L	25	0	22.6	90		80 - 127
2,2-Dichloropropane	ug/L	25	0	22.3	89		69 - 130
2-Butanone	ug/L	25	0	18.1	72		51 - 157
2-Chloroethylvinyl ether	ug/L	25	0	25.8	103		48 - 143
2-Chlorotoluene	ug/L	25	0	21.4	86		80 - 132
2-Hexanone	ug/L	25	0	15.4	62		54 - 155
4-Chlorotoluene	ug/L	25	0	21.9	88		80 - 131
4-Isopropyltoluene	ug/L	25	0	21.8	87		80 - 133
4-Methyl-2-pentanone	ug/L	25	0	16.1	64		57 - 138
Acetone	ug/L	25	0	25.8	103		38 - 157
Acrolein	ug/L	125	0	94.8	76		30 - 175
Acrylonitrile	ug/L	125	0	101	81		61 - 139
Benzene	ug/L	25	0	22.4	90		80 - 120
Bromobenzene	ug/L	25	0	21.4	86		78 - 134
Bromodichloromethane	ug/L	25	0	21	84		77 - 120
Bromoform	ug/L	25	0	20.9	84		73 - 130
Bromomethane	ug/L	25	0	25.2	101		34 - 172

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 0 outside limits

Spike Recovery: 3 out of 74 outside limits

FORM III VOA-1

3A

WATER VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Analytical Batch: 328555

Carbon disulfide	ug/L	25	0	23.3	93		71 - 129
Carbon tetrachloride	ug/L	25	0	24.8	99		73 - 125
Chlorobenzene	ug/L	25	0	23.7	95		80 - 125
Chloroethane	ug/L	25	0	81	324	*	61 - 139
Chloroform	ug/L	25	0	22.5	90		75 - 120
Chloromethane	ug/L	25	0	18.6	74		63 - 133
Cyclohexane	ug/L	25	0	21.7	87		71 - 127
Dibromochloromethane	ug/L	25	0	22.4	90		78 - 130
Dibromomethane	ug/L	25	0	22	88		77 - 120
Dichlorodifluoromethane	ug/L	25	0	19.8	79		61 - 140
Ethylbenzene	ug/L	25	0	22.6	90		80 - 125
Hexachlorobutadiene	ug/L	25	0	21.6	86		79 - 133
Isopropylbenzene (Cumene)	ug/L	25	0	23.7	95		80 - 127
Methyl Acetate	ug/L	25	0	18.1	72		55 - 134
Methyl iodide	ug/L	25	0	29.2	117		43 - 157
Methylcyclohexane	ug/L	25	0	22.1	88		77 - 123
Methylene chloride	ug/L	25	0	23.6	94		61 - 133
Naphthalene	ug/L	25	0	22.5	90		67 - 149
Styrene	ug/L	25	0	23.7	95		80 - 129
Tetrachloroethene	ug/L	25	0	22.7	91		77 - 129
Toluene	ug/L	25	0	20.6	82		80 - 124
Trichloroethene	ug/L	25	0	22.7	91		79 - 121
Trichlorofluoromethane	ug/L	25	0	26	104		62 - 140
Trichlorotrifluoroethane	ug/L	25	0	20.9	84		72 - 130
Vinyl acetate	ug/L	25	0	21.9	88		66 - 145
Vinyl chloride	ug/L	25	0	22.6	90		69 - 130
Xylene (total)	ug/L	75	0	71.3	95		80 - 129
cis-1,2-Dichloroethene	ug/L	25	0	23.1	92		78 - 124
cis-1,3-Dichloropropene	ug/L	25	0	22.1	88		76 - 121
m,p-Xylene	ug/L	50	0	47.1	94		80 - 129
n-Butylbenzene	ug/L	25	0	21.5	86		80 - 133
n-Propylbenzene	ug/L	25	0	22	88		80 - 132
o-Xylene	ug/L	25	0	24.2	97		80 - 131
sec-Butylbenzene	ug/L	25	0	21.6	86		80 - 132
tert-Butyl methyl ether (MTBE)	ug/L	25	0	20.4	82		72 - 127
tert-Butylbenzene	ug/L	25	0	20.3	81		80 - 129
trans-1,2-Dichloroethene	ug/L	25	0	24.5	98		73 - 128
trans-1,3-Dichloropropene	ug/L	25	0	22	88		75 - 128
trans-1,4-Dichloro-2-butene	ug/L	25	0	17.5	70		64 - 148

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 0 outside limits

Spike Recovery: 3 out of 74 outside limits

FORM III VOA-1

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328554

SAMPLE NO : 393134

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	#	QC. LIMITS
1,1,1,2-Tetrachloroethane	ug/kg	25	0	21.3	85		80 - 120
1,1,1-Trichloroethane	ug/kg	25	0	22.2	89		74 - 125
1,1,2,2-Tetrachloroethane	ug/kg	25	0	18	72	*	75 - 134
1,1,2-Trichloroethane	ug/kg	25	0	21.4	86		80 - 121
1,1-Dichloroethane	ug/kg	25	0	21.5	86		73 - 131
1,1-Dichloroethene	ug/kg	25	0	22	88		73 - 134
1,1-Dichloropropene	ug/kg	25	0	21.5	86		79 - 124
1,2,3-Trichloropropane	ug/kg	25	0	23.6	94		76 - 135
1,2,4-Trichlorobenzene	ug/kg	25	0	24.4	98		79 - 129
1,2,4-Trimethylbenzene	ug/kg	25	0	24.1	96		80 - 122
1,2-Dibromo-3-chloropropane	ug/kg	25	0	29	116		60 - 146
1,2-Dibromoethane	ug/kg	25	0	22.6	90		79 - 123
1,2-Dichlorobenzene	ug/kg	25	0	22.9	92		80 - 120
1,2-Dichloroethane	ug/kg	25	0	19.3	77		76 - 125
1,2-Dichloropropane	ug/kg	25	0	21.2	85		80 - 121
1,3,5-Trimethylbenzene	ug/kg	25	0	24	96		80 - 122
1,3-Dichlorobenzene	ug/kg	25	0	21.9	88		80 - 120
1,3-Dichloropropane	ug/kg	25	0	21.7	87		80 - 122
1,4-Dichlorobenzene	ug/kg	25	0	22.6	90		80 - 120
2,2-Dichloropropane	ug/kg	25	0	20.1	80		68 - 130
2-Butanone	ug/kg	25	0	20.6	82		45 - 170
2-Chloroethylvinyl ether	ug/kg	25	0	15.8	63		60 - 135
2-Chlorotoluene	ug/kg	25	0	22.8	91		80 - 123
2-Hexanone	ug/kg	25	0	25.7	103		56 - 153
4-Chlorotoluene	ug/kg	25	0	22.9	92		80 - 121
4-Isopropyltoluene	ug/kg	25	0	25.1	100		80 - 123
4-Methyl-2-pentanone	ug/kg	25	0	24.7	99		56 - 147
Acetone	ug/kg	25	0	22.4	90		18 - 201
Acrolein	ug/kg	125	0	133	106		40 - 164
Acrylonitrile	ug/kg	125	0	128	102		53 - 153
Benzene	ug/kg	25	0	20.7	83		80 - 120
Bromobenzene	ug/kg	25	0	22	88		80 - 125
Bromodichloromethane	ug/kg	25	0	20.1	80		80 - 120
Bromoform	ug/kg	25	0	21.2	85		74 - 125
Bromomethane	ug/kg	25	0	26.3	105		44 - 163
Carbon disulfide	ug/kg	25	0	22.8	91		69 - 135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 5 out of 74 outside limits

Spike Recovery: 4 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328554

Carbon tetrachloride	ug/kg	25	0	23.9	96		75 - 123
Chlorobenzene	ug/kg	25	0	21.5	86		80 - 120
Chloroethane	ug/kg	25	0	23.6	94		47 - 155
Chloroform	ug/kg	25	0	20.7	83		72 - 127
Chloromethane	ug/kg	25	0	23.4	94		59 - 150
Cyclohexane	ug/kg	25	0	23.3	93		61 - 143
Dibromochloromethane	ug/kg	25	0	19	76	*	80 - 122
Dibromomethane	ug/kg	25	0	20.2	81		79 - 120
Dichlorodifluoromethane	ug/kg	25	0	23.6	94		63 - 139
Ethylbenzene	ug/kg	25	0	23.5	94		80 - 120
Hexachlorobutadiene	ug/kg	25	0	23.5	94		73 - 131
Isopropylbenzene (Cumene)	ug/kg	25	0	22.8	91		80 - 122
Methyl Acetate	ug/kg	25	0	19.2	77		41 - 164
Methyl iodide	ug/kg	25	0	23	92		52 - 145
Methylcyclohexane	ug/kg	25	0	22.6	90		79 - 122
Methylene chloride	ug/kg	25	0	16.5	66		64 - 138
Naphthalene	ug/kg	25	0	27.3	109		62 - 146
Styrene	ug/kg	25	0	30.6	122	*	80 - 120
Tetrachloroethene	ug/kg	25	0	27	108		76 - 126
Toluene	ug/kg	25	0	22.2	89		80 - 120
Trichloroethene	ug/kg	25	0	28.5	114		78 - 120
Trichlorofluoromethane	ug/kg	25	0	23	92		68 - 135
Trichlorotrifluoroethane	ug/kg	25	0	24.6	98		71 - 137
Vinyl acetate	ug/kg	25	0	15.7	63		59 - 146
Vinyl chloride	ug/kg	25	0	23.3	93		72 - 134
Xylene (total)	ug/kg	75	0	67.9	91		80 - 120
cis-1,2-Dichloroethene	ug/kg	25	0	19.7	79		73 - 131
cis-1,3-Dichloropropene	ug/kg	25	0	20.1	80		80 - 120
m,p-Xylene	ug/kg	50	0	45.2	90		80 - 121
n-Butylbenzene	ug/kg	25	0	25.9	104		80 - 126
n-Propylbenzene	ug/kg	25	0	24.1	96		80 - 124
o-Xylene	ug/kg	25	0	22.7	91		80 - 122
sec-Butylbenzene	ug/kg	25	0	24.5	98		80 - 123
tert-Butyl methyl ether (MTBE)	ug/kg	25	0	18.9	76		71 - 130
tert-Butylbenzene	ug/kg	25	0	23.9	96		80 - 123
trans-1,2-Dichloroethene	ug/kg	25	0	22.3	89		71 - 134
trans-1,3-Dichloropropene	ug/kg	25	0	20.4	82		80 - 123
trans-1,4-Dichloro-2-butene	ug/kg	25	0	23	92		67 - 142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 5 out of 74 outside limits

Spike Recovery: 4 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328554

SAMPLE NO : ***393135***

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
1,1,1,2-Tetrachloroethane	ug/kg	25	21.7	87		2		80 - 120	0 - 30
1,1,1-Trichloroethane	ug/kg	25	21.6	86		3		74 - 125	0 - 30
1,1,2,2-Tetrachloroethane	ug/kg	25	20.6	82		13		75 - 134	0 - 30
1,1,2-Trichloroethane	ug/kg	25	20.7	83		3		80 - 121	0 - 30
1,1-Dichloroethane	ug/kg	25	20.7	83		4		73 - 131	0 - 30
1,1-Dichloroethene	ug/kg	25	22.8	91		4		73 - 134	0 - 22
1,1-Dichloropropene	ug/kg	25	21.3	85		.9		79 - 124	0 - 30
1,2,3-Trichloropropane	ug/kg	25	20	80		17		76 - 135	0 - 30
1,2,4-Trichlorobenzene	ug/kg	25	22.9	92		6		79 - 129	0 - 30
1,2,4-Trimethylbenzene	ug/kg	25	25.3	101		5		80 - 122	0 - 30
1,2-Dibromo-3-chloropropane	ug/kg	25	18.8	75		43	*	60 - 146	0 - 30
1,2-Dibromoethane	ug/kg	25	20.7	83		9		79 - 123	0 - 30
1,2-Dichlorobenzene	ug/kg	25	23.4	94		2		80 - 120	0 - 30
1,2-Dichloroethane	ug/kg	25	19.6	78		2		76 - 125	0 - 30
1,2-Dichloropropane	ug/kg	25	20.6	82		3		80 - 121	0 - 30
1,3,5-Trimethylbenzene	ug/kg	25	24.9	100		4		80 - 122	0 - 30
1,3-Dichlorobenzene	ug/kg	25	23.6	94		7		80 - 120	0 - 30
1,3-Dichloropropane	ug/kg	25	21	84		3		80 - 122	0 - 30
1,4-Dichlorobenzene	ug/kg	25	24	96		6		80 - 120	0 - 30
2,2-Dichloropropane	ug/kg	25	20.5	82		2		68 - 130	0 - 30
2-Butanone	ug/kg	25	13.3	53		43	*	45 - 170	0 - 30
2-Chloroethylvinyl ether	ug/kg	25	12.9	52	*	20		60 - 135	0 - 30
2-Chlorotoluene	ug/kg	25	23.2	93		2		80 - 123	0 - 30
2-Hexanone	ug/kg	25	17	68		41	*	56 - 153	0 - 30
4-Chlorotoluene	ug/kg	25	23.6	94		3		80 - 121	0 - 30
4-Isopropyltoluene	ug/kg	25	25.2	101		.4		80 - 123	0 - 30
4-Methyl-2-pentanone	ug/kg	25	17.4	70		35	*	56 - 147	0 - 30
Acetone	ug/kg	25	24	96		7		18 - 201	0 - 30
Acrolein	ug/kg	125	99.8	80		29		40 - 164	0 - 30
Acrylonitrile	ug/kg	125	85.1	68		40	*	53 - 153	0 - 30
Benzene	ug/kg	25	21.3	85		3		80 - 120	0 - 21
Bromobenzene	ug/kg	25	22.5	90		2		80 - 125	0 - 30
Bromodichloromethane	ug/kg	25	20.8	83		3		80 - 120	0 - 30
Bromoform	ug/kg	25	19.7	79		7		74 - 125	0 - 30
Bromomethane	ug/kg	25	24.7	99		6		44 - 163	0 - 30
Carbon disulfide	ug/kg	25	21.9	88		4		69 - 135	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 5 out of 74 outside limits

Spike Recovery: 4 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328554

Carbon tetrachloride	ug/kg	25	22.4	90		6		75 - 123	0 - 30
Chlorobenzene	ug/kg	25	22.1	88		3		80 - 120	0 - 21
Chloroethane	ug/kg	25	23.2	93		2		47 - 155	0 - 30
Chloroform	ug/kg	25	19.9	80		4		72 - 127	0 - 30
Chloromethane	ug/kg	25	22.4	90		4		59 - 150	0 - 30
Cyclohexane	ug/kg	25	20.6	82		12		61 - 143	0 - 30
Dibromochloromethane	ug/kg	25	20.9	84		10		80 - 122	0 - 30
Dibromomethane	ug/kg	25	20.2	81		0		79 - 120	0 - 30
Dichlorodifluoromethane	ug/kg	25	22	88		7		63 - 139	0 - 30
Ethylbenzene	ug/kg	25	24.3	97		3		80 - 120	0 - 30
Hexachlorobutadiene	ug/kg	25	23.6	94		.4		73 - 131	0 - 30
Isopropylbenzene (Cumene)	ug/kg	25	23.6	94		3		80 - 122	0 - 30
Methyl Acetate	ug/kg	25	16.8	67		13		41 - 164	0 - 30
Methyl iodide	ug/kg	25	23.3	93		1		52 - 145	0 - 30
Methylcyclohexane	ug/kg	25	21.2	85		6		79 - 122	0 - 30
Methylene chloride	ug/kg	25	18.8	75		13		64 - 138	0 - 30
Naphthalene	ug/kg	25	22.1	88		21		62 - 146	0 - 30
Styrene	ug/kg	25	28.6	114		7		80 - 120	0 - 30
Tetrachloroethene	ug/kg	25	27.5	110		2		76 - 126	0 - 30
Toluene	ug/kg	25	22.9	92		3		80 - 120	0 - 21
Trichloroethene	ug/kg	25	22.9	92		22		78 - 120	0 - 24
Trichlorofluoromethane	ug/kg	25	23.3	93		1		68 - 135	0 - 30
Trichlorotrifluoroethane	ug/kg	25	22.1	88		11		71 - 137	0 - 30
Vinyl acetate	ug/kg	25	17.6	70		11		59 - 146	0 - 30
Vinyl chloride	ug/kg	25	22.6	90		3		72 - 134	0 - 30
Xylene (total)	ug/kg	75	69	92		2		80 - 120	0 - 30
cis-1,2-Dichloroethene	ug/kg	25	19.7	79		0		73 - 131	0 - 30
cis-1,3-Dichloropropene	ug/kg	25	20.3	81		1		80 - 120	0 - 30
m,p-Xylene	ug/kg	50	46.1	92		2		80 - 121	0 - 30
n-Butylbenzene	ug/kg	25	25.4	102		2		80 - 126	0 - 30
n-Propylbenzene	ug/kg	25	24.4	98		1		80 - 124	0 - 30
o-Xylene	ug/kg	25	22.9	92		.9		80 - 122	0 - 30
sec-Butylbenzene	ug/kg	25	25	100		2		80 - 123	0 - 30
tert-Butyl methyl ether (MTBE)	ug/kg	25	20.7	83		9		71 - 130	0 - 30
tert-Butylbenzene	ug/kg	25	25.4	102		6		80 - 123	0 - 30
trans-1,2-Dichloroethene	ug/kg	25	21.2	85		5		71 - 134	0 - 30
trans-1,3-Dichloropropene	ug/kg	25	20.8	83		2		80 - 123	0 - 30
trans-1,4-Dichloro-2-butene	ug/kg	25	20.4	82		12		67 - 142	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 5 out of 74 outside limits

Spike Recovery: 4 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: ND3SB05-010 (1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328585

SAMPLE NO : 20607191621

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	#	QC. LIMITS
1,1,1,2-Tetrachloroethane	ug/kg	26.7	0	23.5	88		80 - 120
1,1,1-Trichloroethane	ug/kg	26.7	0	26.1	98		74 - 125
1,1,2,2-Tetrachloroethane	ug/kg	26.7	0	25.3	95		75 - 134
1,1,2-Trichloroethane	ug/kg	26.7	0	22.4	84		80 - 121
1,1-Dichloroethane	ug/kg	26.7	0	22.9	86		73 - 131
1,1-Dichloroethene	ug/kg	26.7	0	24.8	93		73 - 134
1,1-Dichloropropene	ug/kg	26.7	0	25.6	96		79 - 124
1,2,3-Trichloropropane	ug/kg	26.7	0	23.9	89		76 - 135
1,2,4-Trichlorobenzene	ug/kg	26.7	0	18.2	68	*	79 - 129
1,2,4-Trimethylbenzene	ug/kg	26.7	0	25.6	96		80 - 122
1,2-Dibromo-3-chloropropane	ug/kg	26.7	0	25.3	95		60 - 146
1,2-Dibromoethane	ug/kg	26.7	0	22.9	86		79 - 123
1,2-Dichlorobenzene	ug/kg	26.7	0	22.4	84		80 - 120
1,2-Dichloroethane	ug/kg	26.7	0	21.9	82		76 - 125
1,2-Dichloropropane	ug/kg	26.7	0	21.5	80		80 - 121
1,3,5-Trimethylbenzene	ug/kg	26.7	0	25.6	96		80 - 122
1,3-Dichlorobenzene	ug/kg	26.7	0	22.6	85		80 - 120
1,3-Dichloropropane	ug/kg	26.7	0	23	86		80 - 122
1,4-Dichlorobenzene	ug/kg	26.7	0	22	82		80 - 120
2,2-Dichloropropane	ug/kg	26.7	0	23.3	87		68 - 130
2-Butanone	ug/kg	26.7	7.16	20.6	50		45 - 170
2-Chloroethylvinyl ether	ug/kg	26.7	0	6.15	23	*	60 - 135
2-Chlorotoluene	ug/kg	26.7	0	24.3	91		80 - 123
2-Hexanone	ug/kg	26.7	0	21.2	79		56 - 153
4-Chlorotoluene	ug/kg	26.7	0	23.9	89		80 - 121
4-Isopropyltoluene	ug/kg	26.7	0	24.7	92		80 - 123
4-Methyl-2-pentanone	ug/kg	26.7	0	23.1	87		56 - 147
Acetone	ug/kg	26.7	21	42.2	79		18 - 201
Acrolein	ug/kg	134	0	97.4	73		40 - 164
Acrylonitrile	ug/kg	134	0	98.6	74		53 - 153
Benzene	ug/kg	26.7	6.32	26	73	*	80 - 120
Bromobenzene	ug/kg	26.7	0	24.2	90		80 - 125
Bromodichloromethane	ug/kg	26.7	0	21.9	82		80 - 120
Bromoform	ug/kg	26.7	0	21.9	82		74 - 125
Bromomethane	ug/kg	26.7	0	15.6	58		44 - 163
Carbon disulfide	ug/kg	26.7	8.11	26.6	69		69 - 135

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 3 out of 74 outside limits

Spike Recovery: 10 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: ND3SB05-010 (1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328585

Carbon tetrachloride	ug/kg	26.7	0	28.8	108		75 - 123
Chlorobenzene	ug/kg	26.7	0	23.7	89		80 - 120
Chloroethane	ug/kg	26.7	0	39.5	148		47 - 155
Chloroform	ug/kg	26.7	0	23	86		72 - 127
Chloromethane	ug/kg	26.7	0	17.5	66		59 - 150
Cyclohexane	ug/kg	26.7	1.85	25.6	89		61 - 143
Dibromochloromethane	ug/kg	26.7	0	22.5	84		80 - 122
Dibromomethane	ug/kg	26.7	0	22.5	84		79 - 120
Dichlorodifluoromethane	ug/kg	26.7	0	28.6	107		63 - 139
Ethylbenzene	ug/kg	26.7	1.83	25.2	87		80 - 120
Hexachlorobutadiene	ug/kg	26.7	0	15.7	59	*	73 - 131
Isopropylbenzene (Cumene)	ug/kg	26.7	0	24.8	93		80 - 122
Methyl Acetate	ug/kg	26.7	0	23.4	88		41 - 164
Methyl iodide	ug/kg	26.7	0	19.9	75		52 - 145
Methylcyclohexane	ug/kg	26.7	2.75	26.5	89		79 - 122
Methylene chloride	ug/kg	26.7	1.41	17.1	59	*	64 - 138
Naphthalene	ug/kg	26.7	0	21.1	79		62 - 146
Styrene	ug/kg	26.7	0	22.5	84		80 - 120
Tetrachloroethene	ug/kg	26.7	0	29	109		76 - 126
Toluene	ug/kg	26.7	4.97	27.1	83		80 - 120
Trichloroethene	ug/kg	26.7	0	24.2	90		78 - 120
Trichlorofluoromethane	ug/kg	26.7	0	29.2	109		68 - 135
Trichlorotrifluoroethane	ug/kg	26.7	0	29.3	110		71 - 137
Vinyl acetate	ug/kg	26.7	0	20.8	78		59 - 146
Vinyl chloride	ug/kg	26.7	0	25.3	95		72 - 134
Xylene (total)	ug/kg	80.2	1.39	74.2	91		80 - 120
cis-1,2-Dichloroethene	ug/kg	26.7	0	22	82		73 - 131
cis-1,3-Dichloropropene	ug/kg	26.7	0	21.7	81		80 - 120
m,p-Xylene	ug/kg	53.4	1.39	49.9	91		80 - 121
n-Butylbenzene	ug/kg	26.7	0	23.4	88		80 - 126
n-Propylbenzene	ug/kg	26.7	0	25.6	96		80 - 124
o-Xylene	ug/kg	26.7	0	24.3	91		80 - 122
sec-Butylbenzene	ug/kg	26.7	0	25.3	95		80 - 123
tert-Butyl methyl ether (MTBE)	ug/kg	26.7	0	21.1	79		71 - 130
tert-Butylbenzene	ug/kg	26.7	0	25.3	95		80 - 123
trans-1,2-Dichloroethene	ug/kg	26.7	0	23.5	88		71 - 134
trans-1,3-Dichloropropene	ug/kg	26.7	0	21.1	79	*	80 - 123
trans-1,4-Dichloro-2-butene	ug/kg	26.7	0	26.3	99		67 - 142

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 3 out of 74 outside limits

Spike Recovery: 10 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: ND3SB05-010 (1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328585

SAMPLE NO : ***20607191622***

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
1,1,1,2-Tetrachloroethane	ug/kg	27.2	24.5	90		4		80 - 120	0 - 30
1,1,1-Trichloroethane	ug/kg	27.2	28.8	105		10		74 - 125	0 - 30
1,1,2,2-Tetrachloroethane	ug/kg	27.2	25.3	93		0		75 - 134	0 - 30
1,1,2-Trichloroethane	ug/kg	27.2	22.8	83		2		80 - 121	0 - 30
1,1-Dichloroethane	ug/kg	27.2	25.1	92		9		73 - 131	0 - 30
1,1-Dichloroethene	ug/kg	27.2	28.8	105		15		73 - 134	0 - 22
1,1-Dichloropropene	ug/kg	27.2	28.5	105		11		79 - 124	0 - 30
1,2,3-Trichloropropane	ug/kg	27.2	23.9	88		0		76 - 135	0 - 30
1,2,4-Trichlorobenzene	ug/kg	27.2	19.9	73	*	9		79 - 129	0 - 30
1,2,4-Trimethylbenzene	ug/kg	27.2	28.3	104		10		80 - 122	0 - 30
1,2-Dibromo-3-chloropropane	ug/kg	27.2	23.3	85		8		60 - 146	0 - 30
1,2-Dibromoethane	ug/kg	27.2	23.5	86		3		79 - 123	0 - 30
1,2-Dichlorobenzene	ug/kg	27.2	24	88		7		80 - 120	0 - 30
1,2-Dichloroethane	ug/kg	27.2	22.9	84		5		76 - 125	0 - 30
1,2-Dichloropropane	ug/kg	27.2	23	84		7		80 - 121	0 - 30
1,3,5-Trimethylbenzene	ug/kg	27.2	29.3	107		14		80 - 122	0 - 30
1,3-Dichlorobenzene	ug/kg	27.2	25.6	94		12		80 - 120	0 - 30
1,3-Dichloropropane	ug/kg	27.2	22.5	83		2		80 - 122	0 - 30
1,4-Dichlorobenzene	ug/kg	27.2	24.4	90		10		80 - 120	0 - 30
2,2-Dichloropropane	ug/kg	27.2	28.3	104		19		68 - 130	0 - 30
2-Butanone	ug/kg	27.2	17.3	37	*	18		45 - 170	0 - 30
2-Chloroethylvinyl ether	ug/kg	27.2	8.9	33	*	37	*	60 - 135	0 - 30
2-Chlorotoluene	ug/kg	27.2	23.5	86		3		80 - 123	0 - 30
2-Hexanone	ug/kg	27.2	20.2	74		5		56 - 153	0 - 30
4-Chlorotoluene	ug/kg	27.2	26.7	98		11		80 - 121	0 - 30
4-Isopropyltoluene	ug/kg	27.2	29.4	108		17		80 - 123	0 - 30
4-Methyl-2-pentanone	ug/kg	27.2	21.5	79		7		56 - 147	0 - 30
Acetone	ug/kg	27.2	19.1	-7	*	76	*	18 - 201	0 - 30
Acrolein	ug/kg	137	104	77		7		40 - 164	0 - 30
Acrylonitrile	ug/kg	137	101	74		2		53 - 153	0 - 30
Benzene	ug/kg	27.2	29.4	85		12		80 - 120	0 - 21
Bromobenzene	ug/kg	27.2	25.3	93		5		80 - 125	0 - 30
Bromodichloromethane	ug/kg	27.2	23	84		5		80 - 120	0 - 30
Bromoform	ug/kg	27.2	22.1	81		1		74 - 125	0 - 30
Bromomethane	ug/kg	27.2	18.2	67		15		44 - 163	0 - 30
Carbon disulfide	ug/kg	27.2	32.1	88		19		69 - 135	0 - 30

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 3 out of 74 outside limits

Spike Recovery: 10 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: ND3SB05-010 (1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328585

Carbon tetrachloride	ug/kg	27.2	33.2	122		14		75 - 123	0 - 30
Chlorobenzene	ug/kg	27.2	24.3	89		3		80 - 120	0 - 21
Chloroethane	ug/kg	27.2	26.7	98		39	*	47 - 155	0 - 30
Chloroform	ug/kg	27.2	24.4	90		6		72 - 127	0 - 30
Chloromethane	ug/kg	27.2	20.7	76		17		59 - 150	0 - 30
Cyclohexane	ug/kg	27.2	28.9	99		12		61 - 143	0 - 30
Dibromochloromethane	ug/kg	27.2	22.8	83		1		80 - 122	0 - 30
Dibromomethane	ug/kg	27.2	22.6	83		.6		79 - 120	0 - 30
Dichlorodifluoromethane	ug/kg	27.2	29.9	110		4		63 - 139	0 - 30
Ethylbenzene	ug/kg	27.2	28	96		11		80 - 120	0 - 30
Hexachlorobutadiene	ug/kg	27.2	19.8	73		23		73 - 131	0 - 30
Isopropylbenzene (Cumene)	ug/kg	27.2	28.1	103		13		80 - 122	0 - 30
Methyl Acetate	ug/kg	27.2	24	88		3		41 - 164	0 - 30
Methyl iodide	ug/kg	27.2	22.5	83		12		52 - 145	0 - 30
Methylcyclohexane	ug/kg	27.2	31.2	104		16		79 - 122	0 - 30
Methylene chloride	ug/kg	27.2	19.2	65		11		64 - 138	0 - 30
Naphthalene	ug/kg	27.2	21.4	78		1		62 - 146	0 - 30
Styrene	ug/kg	27.2	24.8	91		10		80 - 120	0 - 30
Tetrachloroethene	ug/kg	27.2	31.8	117		9		76 - 126	0 - 30
Toluene	ug/kg	27.2	30.2	92		11		80 - 120	0 - 21
Trichloroethene	ug/kg	27.2	26.9	98		11		78 - 120	0 - 24
Trichlorofluoromethane	ug/kg	27.2	30.6	112		5		68 - 135	0 - 30
Trichlorotrifluoroethane	ug/kg	27.2	32.9	120		12		71 - 137	0 - 30
Vinyl acetate	ug/kg	27.2	22	81		5		59 - 146	0 - 30
Vinyl chloride	ug/kg	27.2	29	106		14		72 - 134	0 - 30
Xylene (total)	ug/kg	81.8	82.3	99		10		80 - 120	0 - 30
cis-1,2-Dichloroethene	ug/kg	27.2	22.8	83		3		73 - 131	0 - 30
cis-1,3-Dichloropropene	ug/kg	27.2	22.6	83		4		80 - 120	0 - 30
m,p-Xylene	ug/kg	54.6	55.4	99		10		80 - 121	0 - 30
n-Butylbenzene	ug/kg	27.2	27.7	102		17		80 - 126	0 - 30
n-Propylbenzene	ug/kg	27.2	29.8	109		15		80 - 124	0 - 30
o-Xylene	ug/kg	27.2	27	99		10		80 - 122	0 - 30
sec-Butylbenzene	ug/kg	27.2	29.5	108		15		80 - 123	0 - 30
tert-Butyl methyl ether (MTBE)	ug/kg	27.2	21.6	79		2		71 - 130	0 - 30
tert-Butylbenzene	ug/kg	27.2	30.6	112		19		80 - 123	0 - 30
trans-1,2-Dichloroethene	ug/kg	27.2	26.9	98		13		71 - 134	0 - 30
trans-1,3-Dichloropropene	ug/kg	27.2	23.1	85		9		80 - 123	0 - 30
trans-1,4-Dichloro-2-butene	ug/kg	27.2	27.5	101		4		67 - 142	0 - 30

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 3 out of 74 outside limits

Spike Recovery: 10 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328585

SAMPLE NO : 393347

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	#	QC. LIMITS
1,1,1,2-Tetrachloroethane	ug/kg	25	0	26.4	106		80 - 120
1,1,1-Trichloroethane	ug/kg	25	0	25	100		74 - 125
1,1,2,2-Tetrachloroethane	ug/kg	25	0	22.1	88		75 - 134
1,1,2-Trichloroethane	ug/kg	25	0	24.2	97		80 - 121
1,1-Dichloroethane	ug/kg	25	0	22.8	91		73 - 131
1,1-Dichloroethene	ug/kg	25	0	24	96		73 - 134
1,1-Dichloropropene	ug/kg	25	0	25.3	101		79 - 124
1,2,3-Trichloropropane	ug/kg	25	0	23.2	93		76 - 135
1,2,4-Trichlorobenzene	ug/kg	25	0	25.9	104		79 - 129
1,2,4-Trimethylbenzene	ug/kg	25	0	26.9	108		80 - 122
1,2-Dibromo-3-chloropropane	ug/kg	25	0	23	92		60 - 146
1,2-Dibromoethane	ug/kg	25	0	24.5	98		79 - 123
1,2-Dichlorobenzene	ug/kg	25	0	26	104		80 - 120
1,2-Dichloroethane	ug/kg	25	0	22.6	90		76 - 125
1,2-Dichloropropane	ug/kg	25	0	23.2	93		80 - 121
1,3,5-Trimethylbenzene	ug/kg	25	0	27.2	109		80 - 122
1,3-Dichlorobenzene	ug/kg	25	0	26.1	104		80 - 120
1,3-Dichloropropane	ug/kg	25	0	24.7	99		80 - 122
1,4-Dichlorobenzene	ug/kg	25	0	25.7	103		80 - 120
2,2-Dichloropropane	ug/kg	25	0	23.3	93		68 - 130
2-Butanone	ug/kg	25	0	20.9	84		45 - 170
2-Chloroethylvinyl ether	ug/kg	25	0	9.51	38	*	60 - 135
2-Chlorotoluene	ug/kg	25	0	23	92		80 - 123
2-Hexanone	ug/kg	25	0	22.9	92		56 - 153
4-Chlorotoluene	ug/kg	25	0	26.1	104		80 - 121
4-Isopropyltoluene	ug/kg	25	0	28.9	116		80 - 123
4-Methyl-2-pentanone	ug/kg	25	0	22	88		56 - 147
Acetone	ug/kg	25	0	31.3	125		18 - 201
Acrolein	ug/kg	125	0	98.3	79		40 - 164
Acrylonitrile	ug/kg	125	0	96.9	78		53 - 153
Benzene	ug/kg	25	0	24.6	98		80 - 120
Bromobenzene	ug/kg	25	0	24.8	99		80 - 125
Bromodichloromethane	ug/kg	25	0	23.7	95		80 - 120
Bromoform	ug/kg	25	0	23.5	94		74 - 125
Bromomethane	ug/kg	25	0	15.9	64		44 - 163
Carbon disulfide	ug/kg	25	0	23.2	93		69 - 135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 74 outside limits

Spike Recovery: 2 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328585

Carbon tetrachloride	ug/kg	25	0	26.6	106		75	-	123
Chlorobenzene	ug/kg	25	0	25.4	102		80	-	120
Chloroethane	ug/kg	25	0	22.6	90		47	-	155
Chloroform	ug/kg	25	0	22.4	90		72	-	127
Chloromethane	ug/kg	25	0	19	76		59	-	150
Cyclohexane	ug/kg	25	0	23.5	94		61	-	143
Dibromochloromethane	ug/kg	25	0	24.9	100		80	-	122
Dibromomethane	ug/kg	25	0	23.3	93		79	-	120
Dichlorodifluoromethane	ug/kg	25	0	24.4	98		63	-	139
Ethylbenzene	ug/kg	25	0	26.8	107		80	-	120
Hexachlorobutadiene	ug/kg	25	0	29	116		73	-	131
Isopropylbenzene (Cumene)	ug/kg	25	0	28.1	112		80	-	122
Methyl Acetate	ug/kg	25	0	17.9	72		41	-	164
Methyl iodide	ug/kg	25	0	25.1	100		52	-	145
Methylcyclohexane	ug/kg	25	0	27.7	111		79	-	122
Methylene chloride	ug/kg	25	0	18.7	75		64	-	138
Naphthalene	ug/kg	25	0	26.6	106		62	-	146
Styrene	ug/kg	25	0	27.1	108		80	-	120
Tetrachloroethene	ug/kg	25	0	31.6	126		76	-	126
Toluene	ug/kg	25	0	26.5	106		80	-	120
Trichloroethene	ug/kg	25	0	29.1	116		78	-	120
Trichlorofluoromethane	ug/kg	25	0	23.9	96		68	-	135
Trichlorotrifluoroethane	ug/kg	25	0	25.4	102		71	-	137
Vinyl acetate	ug/kg	25	0	18.8	75		59	-	146
Vinyl chloride	ug/kg	25	0	23.6	94		72	-	134
Xylene (total)	ug/kg	75	0	81.3	108		80	-	120
cis-1,2-Dichloroethene	ug/kg	25	0	21.7	87		73	-	131
cis-1,3-Dichloropropene	ug/kg	25	0	24	96		80	-	120
m,p-Xylene	ug/kg	50	0	54.3	109		80	-	121
n-Butylbenzene	ug/kg	25	0	28.8	115		80	-	126
n-Propylbenzene	ug/kg	25	0	26.8	107		80	-	124
o-Xylene	ug/kg	25	0	26.9	108		80	-	122
sec-Butylbenzene	ug/kg	25	0	28.1	112		80	-	123
tert-Butyl methyl ether (MTBE)	ug/kg	25	0	22	88		71	-	130
tert-Butylbenzene	ug/kg	25	0	28.3	113		80	-	123
trans-1,2-Dichloroethene	ug/kg	25	0	22.7	91		71	-	134
trans-1,3-Dichloropropene	ug/kg	25	0	24.3	97		80	-	123
trans-1,4-Dichloro-2-butene	ug/kg	25	0	26.1	104		67	-	142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 74 outside limits

Spike Recovery: 2 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328585

SAMPLE NO : ***393348***

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
1,1,1,2-Tetrachloroethane	ug/kg	25	26.1	104		1		80 - 120	0 - 30
1,1,1-Trichloroethane	ug/kg	25	24.7	99		1		74 - 125	0 - 30
1,1,2,2-Tetrachloroethane	ug/kg	25	23.1	92		4		75 - 134	0 - 30
1,1,2-Trichloroethane	ug/kg	25	23.7	95		2		80 - 121	0 - 30
1,1-Dichloroethane	ug/kg	25	22.5	90		1		73 - 131	0 - 30
1,1-Dichloroethene	ug/kg	25	22.7	91		6		73 - 134	0 - 22
1,1-Dichloropropene	ug/kg	25	24.9	100		2		79 - 124	0 - 30
1,2,3-Trichloropropane	ug/kg	25	22.2	89		4		76 - 135	0 - 30
1,2,4-Trichlorobenzene	ug/kg	25	25.8	103		.4		79 - 129	0 - 30
1,2,4-Trimethylbenzene	ug/kg	25	27.7	111		3		80 - 122	0 - 30
1,2-Dibromo-3-chloropropane	ug/kg	25	21.6	86		6		60 - 146	0 - 30
1,2-Dibromoethane	ug/kg	25	24.2	97		1		79 - 123	0 - 30
1,2-Dichlorobenzene	ug/kg	25	26.7	107		3		80 - 120	0 - 30
1,2-Dichloroethane	ug/kg	25	22.5	90		.4		76 - 125	0 - 30
1,2-Dichloropropane	ug/kg	25	23.9	96		3		80 - 121	0 - 30
1,3,5-Trimethylbenzene	ug/kg	25	27.7	111		2		80 - 122	0 - 30
1,3-Dichlorobenzene	ug/kg	25	26.8	107		3		80 - 120	0 - 30
1,3-Dichloropropane	ug/kg	25	24	96		3		80 - 122	0 - 30
1,4-Dichlorobenzene	ug/kg	25	26.6	106		3		80 - 120	0 - 30
2,2-Dichloropropane	ug/kg	25	23.3	93		0		68 - 130	0 - 30
2-Butanone	ug/kg	25	16.7	67		22		45 - 170	0 - 30
2-Chloroethylvinyl ether	ug/kg	25	9.2	37	*	3		60 - 135	0 - 30
2-Chlorotoluene	ug/kg	25	22.8	91		.9		80 - 123	0 - 30
2-Hexanone	ug/kg	25	21.4	86		7		56 - 153	0 - 30
4-Chlorotoluene	ug/kg	25	25.8	103		1		80 - 121	0 - 30
4-Isopropyltoluene	ug/kg	25	28.1	112		3		80 - 123	0 - 30
4-Methyl-2-pentanone	ug/kg	25	20.5	82		7		56 - 147	0 - 30
Acetone	ug/kg	25	29.7	119		5		18 - 201	0 - 30
Acrolein	ug/kg	125	96	77		2		40 - 164	0 - 30
Acrylonitrile	ug/kg	125	88.6	71		9		53 - 153	0 - 30
Benzene	ug/kg	25	24.4	98		.8		80 - 120	0 - 21
Bromobenzene	ug/kg	25	25.4	102		2		80 - 125	0 - 30
Bromodichloromethane	ug/kg	25	24.1	96		2		80 - 120	0 - 30
Bromoform	ug/kg	25	24.2	97		3		74 - 125	0 - 30
Bromomethane	ug/kg	25	17.4	70		9		44 - 163	0 - 30
Carbon disulfide	ug/kg	25	23.1	92		.4		69 - 135	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 74 outside limits

Spike Recovery: 2 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328585

Carbon tetrachloride	ug/kg	25	25.5	102		4		75 - 123	0 - 30
Chlorobenzene	ug/kg	25	25.6	102		.8		80 - 120	0 - 21
Chloroethane	ug/kg	25	21.8	87		4		47 - 155	0 - 30
Chloroform	ug/kg	25	21.5	86		4		72 - 127	0 - 30
Chloromethane	ug/kg	25	20.7	83		9		59 - 150	0 - 30
Cyclohexane	ug/kg	25	23.1	92		2		61 - 143	0 - 30
Dibromochloromethane	ug/kg	25	24.8	99		.4		80 - 122	0 - 30
Dibromomethane	ug/kg	25	23.8	95		2		79 - 120	0 - 30
Dichlorodifluoromethane	ug/kg	25	23.2	93		5		63 - 139	0 - 30
Ethylbenzene	ug/kg	25	25.9	104		3		80 - 120	0 - 30
Hexachlorobutadiene	ug/kg	25	27.6	110		5		73 - 131	0 - 30
Isopropylbenzene (Cumene)	ug/kg	25	27.4	110		3		80 - 122	0 - 30
Methyl Acetate	ug/kg	25	18.7	75		4		41 - 164	0 - 30
Methyl iodide	ug/kg	25	24.2	97		4		52 - 145	0 - 30
Methylcyclohexane	ug/kg	25	26.3	105		5		79 - 122	0 - 30
Methylene chloride	ug/kg	25	18.4	74		2		64 - 138	0 - 30
Naphthalene	ug/kg	25	25.9	104		3		62 - 146	0 - 30
Styrene	ug/kg	25	26.4	106		3		80 - 120	0 - 30
Tetrachloroethene	ug/kg	25	29.7	119		6		76 - 126	0 - 30
Toluene	ug/kg	25	26.4	106		.4		80 - 120	0 - 21
Trichloroethene	ug/kg	25	26.4	106		10		78 - 120	0 - 24
Trichlorofluoromethane	ug/kg	25	21.5	86		11		68 - 135	0 - 30
Trichlorotrifluoroethane	ug/kg	25	24.9	100		2		71 - 137	0 - 30
Vinyl acetate	ug/kg	25	18.1	72		4		59 - 146	0 - 30
Vinyl chloride	ug/kg	25	23.5	94		.4		72 - 134	0 - 30
Xylene (total)	ug/kg	75	79.2	106		3		80 - 120	0 - 30
cis-1,2-Dichloroethene	ug/kg	25	21.3	85		2		73 - 131	0 - 30
cis-1,3-Dichloropropene	ug/kg	25	23.5	94		2		80 - 120	0 - 30
m,p-Xylene	ug/kg	50	52.7	105		3		80 - 121	0 - 30
n-Butylbenzene	ug/kg	25	28.3	113		2		80 - 126	0 - 30
n-Propylbenzene	ug/kg	25	27.1	108		1		80 - 124	0 - 30
o-Xylene	ug/kg	25	26.6	106		1		80 - 122	0 - 30
sec-Butylbenzene	ug/kg	25	28.3	113		.7		80 - 123	0 - 30
tert-Butyl methyl ether (MTBE)	ug/kg	25	22	88		0		71 - 130	0 - 30
tert-Butylbenzene	ug/kg	25	28	112		1		80 - 123	0 - 30
trans-1,2-Dichloroethene	ug/kg	25	23	92		1		71 - 134	0 - 30
trans-1,3-Dichloropropene	ug/kg	25	23	92		5		80 - 123	0 - 30
trans-1,4-Dichloro-2-butene	ug/kg	25	23.3	93		11		67 - 142	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 74 outside limits

Spike Recovery: 2 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SL8SB99-198-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328605

SAMPLE NO : 20607191625

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	#	QC. LIMITS
1,1,1,2-Tetrachloroethane	ug/kg	21.4	0	17.6	82		80 - 120
1,1,1-Trichloroethane	ug/kg	21.4	0	18.6	87		74 - 125
1,1,2,2-Tetrachloroethane	ug/kg	21.4	0	20.4	96		75 - 134
1,1,2-Trichloroethane	ug/kg	21.4	0	18.1	85		80 - 121
1,1-Dichloroethane	ug/kg	21.4	0	19.4	91		73 - 131
1,1-Dichloroethene	ug/kg	21.4	0	20.8	97		73 - 134
1,1-Dichloropropene	ug/kg	21.4	0	17.8	83		79 - 124
1,2,3-Trichloropropane	ug/kg	21.4	0	19.6	92		76 - 135
1,2,4-Trichlorobenzene	ug/kg	21.4	0	11.2	53	*	79 - 129
1,2,4-Trimethylbenzene	ug/kg	21.4	0	16.5	78	*	80 - 122
1,2-Dibromo-3-chloropropane	ug/kg	21.4	0	16.5	78		60 - 146
1,2-Dibromoethane	ug/kg	21.4	0	17	80		79 - 123
1,2-Dichlorobenzene	ug/kg	21.4	0	14.8	69	*	80 - 120
1,2-Dichloroethane	ug/kg	21.4	0	17.3	81		76 - 125
1,2-Dichloropropane	ug/kg	21.4	0	16.5	78	*	80 - 121
1,3,5-Trimethylbenzene	ug/kg	21.4	0	16.1	75	*	80 - 122
1,3-Dichlorobenzene	ug/kg	21.4	0	14.6	68	*	80 - 120
1,3-Dichloropropane	ug/kg	21.4	0	18.1	85		80 - 122
1,4-Dichlorobenzene	ug/kg	21.4	0	15.7	74	*	80 - 120
2,2-Dichloropropane	ug/kg	21.4	0	20	94		68 - 130
2-Butanone	ug/kg	21.4	4.66	15.3	50		45 - 170
2-Chloroethylvinyl ether	ug/kg	21.4	0	0	0	*	60 - 135
2-Chlorotoluene	ug/kg	21.4	0	16.4	77	*	80 - 123
2-Hexanone	ug/kg	21.4	1.09	18.8	83		56 - 153
4-Chlorotoluene	ug/kg	21.4	0	16.8	79	*	80 - 121
4-Isopropyltoluene	ug/kg	21.4	0	14.5	68	*	80 - 123
4-Methyl-2-pentanone	ug/kg	21.4	0	18.7	88		56 - 147
Acetone	ug/kg	21.4	73	58	-71	*	18 - 201
Acrolein	ug/kg	107	0	105	98		40 - 164
Acrylonitrile	ug/kg	107	0	99.8	94		53 - 153
Benzene	ug/kg	21.4	1.84	19.3	82		80 - 120
Bromobenzene	ug/kg	21.4	0	17.5	82		80 - 125
Bromodichloromethane	ug/kg	21.4	0	17	80		80 - 120
Bromoform	ug/kg	21.4	0	16.1	75		74 - 125
Bromomethane	ug/kg	21.4	0	14.7	69		44 - 163
Carbon disulfide	ug/kg	21.4	0	20.9	98		69 - 135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 18 out of 74 outside limits

Spike Recovery: 74 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SL8SB99-198-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328605

Carbon tetrachloride	ug/kg	21.4	0	19.4	91		75	-	123
Chlorobenzene	ug/kg	21.4	0	16.9	79	*	80	-	120
Chloroethane	ug/kg	21.4	0	20.2	95		47	-	155
Chloroform	ug/kg	21.4	0	17.9	84		72	-	127
Chloromethane	ug/kg	21.4	0	15.3	72		59	-	150
Cyclohexane	ug/kg	21.4	0	14.4	67		61	-	143
Dibromochloromethane	ug/kg	21.4	0	17.8	83		80	-	122
Dibromomethane	ug/kg	21.4	0	17.1	80		79	-	120
Dichlorodifluoromethane	ug/kg	21.4	0	23.3	109		63	-	139
Ethylbenzene	ug/kg	21.4	1.57	17.3	74	*	80	-	120
Hexachlorobutadiene	ug/kg	21.4	0	7.02	33	*	73	-	131
Isopropylbenzene (Cumene)	ug/kg	21.4	0	15.5	73	*	80	-	122
Methyl Acetate	ug/kg	21.4	0	23.5	110		41	-	164
Methyl iodide	ug/kg	21.4	0	19.2	90		52	-	145
Methylcyclohexane	ug/kg	21.4	.784	12.7	56	*	79	-	122
Methylene chloride	ug/kg	21.4	.782	14.6	65		64	-	138
Naphthalene	ug/kg	21.4	0	13.4	63		62	-	146
Styrene	ug/kg	21.4	0	16.5	78	*	80	-	120
Tetrachloroethene	ug/kg	21.4	0	18.1	85		76	-	126
Toluene	ug/kg	21.4	2.38	20.8	86		80	-	120
Trichloroethene	ug/kg	21.4	0	17.7	83		78	-	120
Trichlorofluoromethane	ug/kg	21.4	0	21.7	102		68	-	135
Trichlorotrifluoroethane	ug/kg	21.4	0	21.8	102		71	-	137
Vinyl acetate	ug/kg	21.4	0	21.2	100		59	-	146
Vinyl chloride	ug/kg	21.4	0	21	99		72	-	134
Xylene (total)	ug/kg	64	1.03	51	78	*	80	-	120
cis-1,2-Dichloroethene	ug/kg	21.4	0	17.9	84		73	-	131
cis-1,3-Dichloropropene	ug/kg	21.4	0	16	75	*	80	-	120
m,p-Xylene	ug/kg	42.6	1.03	34	77	*	80	-	121
n-Butylbenzene	ug/kg	21.4	0	14	66	*	80	-	126
n-Propylbenzene	ug/kg	21.4	0	16.9	79	*	80	-	124
o-Xylene	ug/kg	21.4	0	16.9	79	*	80	-	122
sec-Butylbenzene	ug/kg	21.4	0	14.5	68	*	80	-	123
tert-Butyl methyl ether (MTBE)	ug/kg	21.4	0	18	85		71	-	130
tert-Butylbenzene	ug/kg	21.4	0	15.5	73	*	80	-	123
trans-1,2-Dichloroethene	ug/kg	21.4	0	21	99		71	-	134
trans-1,3-Dichloropropene	ug/kg	21.4	0	17.9	84		80	-	123
trans-1,4-Dichloro-2-butene	ug/kg	21.4	0	18.7	88		67	-	142

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 18 out of 74 outside limits

Spike Recovery: 74 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL | Sample ID: SL8SB99-198-(1-2)

Lab Code: LA024 | Case No.: | SAS No.: | SDG No.: 206072006

Contract: | Method: SW-846 8260

Analytical Batch: 328605

SAMPLE NO : ***20607191626***

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
1,1,1,2-Tetrachloroethane	ug/kg	21.7	14.6	67	*	19		80 - 120	0 - 30
1,1,1-Trichloroethane	ug/kg	21.7	16.3	75		13		74 - 125	0 - 30
1,1,2,2-Tetrachloroethane	ug/kg	21.7	16.1	74	*	24		75 - 134	0 - 30
1,1,2-Trichloroethane	ug/kg	21.7	17	78	*	7		80 - 121	0 - 30
1,1-Dichloroethane	ug/kg	21.7	18.1	84		7		73 - 131	0 - 30
1,1-Dichloroethene	ug/kg	21.7	18.3	84		13		73 - 134	0 - 22
1,1-Dichloropropene	ug/kg	21.7	14.6	67	*	20		79 - 124	0 - 30
1,2,3-Trichloropropane	ug/kg	21.7	17.2	79		13		76 - 135	0 - 30
1,2,4-Trichlorobenzene	ug/kg	21.7	7.06	33	*	46	*	79 - 129	0 - 30
1,2,4-Trimethylbenzene	ug/kg	21.7	10.8	50	*	42	*	80 - 122	0 - 30
1,2-Dibromo-3-chloropropane	ug/kg	21.7	12.4	57	*	29		60 - 146	0 - 30
1,2-Dibromoethane	ug/kg	21.7	16.6	77	*	2		79 - 123	0 - 30
1,2-Dichlorobenzene	ug/kg	21.7	10.5	48	*	34	*	80 - 120	0 - 30
1,2-Dichloroethane	ug/kg	21.7	16.5	76		5		76 - 125	0 - 30
1,2-Dichloropropane	ug/kg	21.7	15.4	71	*	7		80 - 121	0 - 30
1,3,5-Trimethylbenzene	ug/kg	21.7	10.7	49	*	40	*	80 - 122	0 - 30
1,3-Dichlorobenzene	ug/kg	21.7	10.9	50	*	29		80 - 120	0 - 30
1,3-Dichloropropane	ug/kg	21.7	17	78	*	7		80 - 122	0 - 30
1,4-Dichlorobenzene	ug/kg	21.7	10.6	49	*	39	*	80 - 120	0 - 30
2,2-Dichloropropane	ug/kg	21.7	17.3	80		14		68 - 130	0 - 30
2-Butanone	ug/kg	21.7	13.9	43	*	9		45 - 170	0 - 30
2-Chloroethylvinyl ether	ug/kg	21.7	0	0	*	0		60 - 135	0 - 30
2-Chlorotoluene	ug/kg	21.7	11.4	52	*	36	*	80 - 123	0 - 30
2-Hexanone	ug/kg	21.7	16.9	73		11		56 - 153	0 - 30
4-Chlorotoluene	ug/kg	21.7	12.2	56	*	32	*	80 - 121	0 - 30
4-Isopropyltoluene	ug/kg	21.7	8.39	39	*	53	*	80 - 123	0 - 30
4-Methyl-2-pentanone	ug/kg	21.7	17.7	81		6		56 - 147	0 - 30
Acetone	ug/kg	21.7	36.7	-167	*	45	*	18 - 201	0 - 30
Acrolein	ug/kg	109	91.9	85		13		40 - 164	0 - 30
Acrylonitrile	ug/kg	109	84.4	78		17		53 - 153	0 - 30
Benzene	ug/kg	21.7	17.7	73	*	9		80 - 120	0 - 21
Bromobenzene	ug/kg	21.7	13.2	61	*	28		80 - 125	0 - 30
Bromodichloromethane	ug/kg	21.7	15.5	71	*	9		80 - 120	0 - 30
Bromoform	ug/kg	21.7	13.7	63	*	16		74 - 125	0 - 30
Bromomethane	ug/kg	21.7	16.4	76		11		44 - 163	0 - 30
Carbon disulfide	ug/kg	21.7	19.1	88		9		69 - 135	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 18 out of 74 outside limits

Spike Recovery: 74 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SL8SB99-198-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328605

Carbon tetrachloride	ug/kg	21.7	16	74	*	19		75 - 123	0 - 30
Chlorobenzene	ug/kg	21.7	13.5	62	*	22	*	80 - 120	0 - 21
Chloroethane	ug/kg	21.7	21.7	100		7		47 - 155	0 - 30
Chloroform	ug/kg	21.7	16.6	77		7		72 - 127	0 - 30
Chloromethane	ug/kg	21.7	16.6	77		9		59 - 150	0 - 30
Cyclohexane	ug/kg	21.7	10.8	50	*	28		61 - 143	0 - 30
Dibromochloromethane	ug/kg	21.7	15.7	72	*	12		80 - 122	0 - 30
Dibromomethane	ug/kg	21.7	16.1	74	*	6		79 - 120	0 - 30
Dichlorodifluoromethane	ug/kg	21.7	22	102		6		63 - 139	0 - 30
Ethylbenzene	ug/kg	21.7	13.5	55	*	25		80 - 120	0 - 30
Hexachlorobutadiene	ug/kg	21.7	3.65	17	*	63	*	73 - 131	0 - 30
Isopropylbenzene (Cumene)	ug/kg	21.7	10.1	47	*	42	*	80 - 122	0 - 30
Methyl Acetate	ug/kg	21.7	25.1	116		7		41 - 164	0 - 30
Methyl iodide	ug/kg	21.7	19.4	89		1		52 - 145	0 - 30
Methylcyclohexane	ug/kg	21.7	7.53	31	*	51	*	79 - 122	0 - 30
Methylene chloride	ug/kg	21.7	14.2	62	*	2		64 - 138	0 - 30
Naphthalene	ug/kg	21.7	9.59	44	*	33	*	62 - 146	0 - 30
Styrene	ug/kg	21.7	12.7	59	*	26		80 - 120	0 - 30
Tetrachloroethene	ug/kg	21.7	14	65	*	26		76 - 126	0 - 30
Toluene	ug/kg	21.7	18.1	73	*	14		80 - 120	0 - 21
Trichloroethene	ug/kg	21.7	14.5	67	*	20		78 - 120	0 - 24
Trichlorofluoromethane	ug/kg	21.7	20.4	94		6		68 - 135	0 - 30
Trichlorotrifluoroethane	ug/kg	21.7	16.6	77		27		71 - 137	0 - 30
Vinyl acetate	ug/kg	21.7	19.5	90		8		59 - 146	0 - 30
Vinyl chloride	ug/kg	21.7	21.5	99		2		72 - 134	0 - 30
Xylene (total)	ug/kg	65.1	37.7	56	*	30		80 - 120	0 - 30
cis-1,2-Dichloroethene	ug/kg	21.7	16.9	78		6		73 - 131	0 - 30
cis-1,3-Dichloropropene	ug/kg	21.7	15	69	*	6		80 - 120	0 - 30
m,p-Xylene	ug/kg	43.4	25	55	*	30		80 - 121	0 - 30
n-Butylbenzene	ug/kg	21.7	7.6	35	*	59	*	80 - 126	0 - 30
n-Propylbenzene	ug/kg	21.7	11.3	52	*	39	*	80 - 124	0 - 30
o-Xylene	ug/kg	21.7	12.6	58	*	29		80 - 122	0 - 30
sec-Butylbenzene	ug/kg	21.7	8.76	40	*	49	*	80 - 123	0 - 30
tert-Butyl methyl ether (MTBE)	ug/kg	21.7	17.6	81		3		71 - 130	0 - 30
tert-Butylbenzene	ug/kg	21.7	10	46	*	43	*	80 - 123	0 - 30
trans-1,2-Dichloroethene	ug/kg	21.7	18.9	87		10		71 - 134	0 - 30
trans-1,3-Dichloropropene	ug/kg	21.7	17	78	*	5		80 - 123	0 - 30
trans-1,4-Dichloro-2-butene	ug/kg	21.7	18.6	86		.6		67 - 142	0 - 30

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 18 out of 74 outside limits

Spike Recovery: 74 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328605

SAMPLE NO : 393394

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	#	QC. LIMITS
1,1,1,2-Tetrachloroethane	ug/kg	25	0	24.7	99		80 - 120
1,1,1-Trichloroethane	ug/kg	25	0	25.3	101		74 - 125
1,1,2,2-Tetrachloroethane	ug/kg	25	0	24.8	99		75 - 134
1,1,2-Trichloroethane	ug/kg	25	0	24.1	96		80 - 121
1,1-Dichloroethane	ug/kg	25	0	24.8	99		73 - 131
1,1-Dichloroethene	ug/kg	25	0	25.5	102		73 - 134
1,1-Dichloropropene	ug/kg	25	0	25.6	102		79 - 124
1,2,3-Trichloropropane	ug/kg	25	0	26	104		76 - 135
1,2,4-Trichlorobenzene	ug/kg	25	0	26	104		79 - 129
1,2,4-Trimethylbenzene	ug/kg	25	0	27.5	110		80 - 122
1,2-Dibromo-3-chloropropane	ug/kg	25	0	29.3	117		60 - 146
1,2-Dibromoethane	ug/kg	25	0	24.4	98		79 - 123
1,2-Dichlorobenzene	ug/kg	25	0	27.4	110		80 - 120
1,2-Dichloroethane	ug/kg	25	0	23	92		76 - 125
1,2-Dichloropropane	ug/kg	25	0	22.8	91		80 - 121
1,3,5-Trimethylbenzene	ug/kg	25	0	28	112		80 - 122
1,3-Dichlorobenzene	ug/kg	25	0	25.9	104		80 - 120
1,3-Dichloropropane	ug/kg	25	0	24.4	98		80 - 122
1,4-Dichlorobenzene	ug/kg	25	0	26.3	105		80 - 120
2,2-Dichloropropane	ug/kg	25	0	23.8	95		68 - 130
2-Butanone	ug/kg	25	0	23.8	95		45 - 170
2-Chloroethylvinyl ether	ug/kg	25	0	13	52	*	60 - 135
2-Chlorotoluene	ug/kg	25	0	26.6	106		80 - 123
2-Hexanone	ug/kg	25	0	27.3	109		56 - 153
4-Chlorotoluene	ug/kg	25	0	26.9	108		80 - 121
4-Isopropyltoluene	ug/kg	25	0	28.8	115		80 - 123
4-Methyl-2-pentanone	ug/kg	25	0	26.7	107		56 - 147
Acetone	ug/kg	25	0	24	96		18 - 201
Acrolein	ug/kg	125	0	115	92		40 - 164
Acrylonitrile	ug/kg	125	0	135	108		53 - 153
Benzene	ug/kg	25	0	24.2	97		80 - 120
Bromobenzene	ug/kg	25	0	25.4	102		80 - 125
Bromodichloromethane	ug/kg	25	0	23.1	92		80 - 120
Bromoform	ug/kg	25	0	25.2	101		74 - 125
Bromomethane	ug/kg	25	0	15.5	62		44 - 163
Carbon disulfide	ug/kg	25	0	24.5	98		69 - 135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 2 out of 74 outside limits

Spike Recovery: 4 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328605

Carbon tetrachloride	ug/kg	25	0	26.7	107		75 - 123
Chlorobenzene	ug/kg	25	0	24.7	99		80 - 120
Chloroethane	ug/kg	25	0	25.2	101		47 - 155
Chloroform	ug/kg	25	0	22.4	90		72 - 127
Chloromethane	ug/kg	25	0	20.4	82		59 - 150
Cyclohexane	ug/kg	25	0	26.2	105		61 - 143
Dibromochloromethane	ug/kg	25	0	24.7	99		80 - 122
Dibromomethane	ug/kg	25	0	24.2	97		79 - 120
Dichlorodifluoromethane	ug/kg	25	0	25.4	102		63 - 139
Ethylbenzene	ug/kg	25	0	26.2	105		80 - 120
Hexachlorobutadiene	ug/kg	25	0	26.5	106		73 - 131
Isopropylbenzene (Cumene)	ug/kg	25	0	27.4	110		80 - 122
Methyl Acetate	ug/kg	25	0	17.3	69		41 - 164
Methyl iodide	ug/kg	25	0	21.1	84		52 - 145
Methylcyclohexane	ug/kg	25	0	26.2	105		79 - 122
Methylene chloride	ug/kg	25	0	19.4	78		64 - 138
Naphthalene	ug/kg	25	0	29.4	118		62 - 146
Styrene	ug/kg	25	0	30.8	123	*	80 - 120
Tetrachloroethene	ug/kg	25	0	30.2	121		76 - 126
Toluene	ug/kg	25	0	26	104		80 - 120
Trichloroethene	ug/kg	25	0	27.6	110		78 - 120
Trichlorofluoromethane	ug/kg	25	0	27.4	110		68 - 135
Trichlorotrifluoroethane	ug/kg	25	0	26.2	105		71 - 137
Vinyl acetate	ug/kg	25	0	20.9	84		59 - 146
Vinyl chloride	ug/kg	25	0	25.4	102		72 - 134
Xylene (total)	ug/kg	75	0	78.2	104		80 - 120
cis-1,2-Dichloroethene	ug/kg	25	0	23.8	95		73 - 131
cis-1,3-Dichloropropene	ug/kg	25	0	24.2	97		80 - 120
m,p-Xylene	ug/kg	50	0	52.3	105		80 - 121
n-Butylbenzene	ug/kg	25	0	29.8	119		80 - 126
n-Propylbenzene	ug/kg	25	0	27.5	110		80 - 124
o-Xylene	ug/kg	25	0	25.9	104		80 - 122
sec-Butylbenzene	ug/kg	25	0	29.1	116		80 - 123
tert-Butyl methyl ether (MTBE)	ug/kg	25	0	24.4	98		71 - 130
tert-Butylbenzene	ug/kg	25	0	29.1	116		80 - 123
trans-1,2-Dichloroethene	ug/kg	25	0	24.2	97		71 - 134
trans-1,3-Dichloropropene	ug/kg	25	0	24.3	97		80 - 123
trans-1,4-Dichloro-2-butene	ug/kg	25	0	31.5	126		67 - 142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 2 out of 74 outside limits

Spike Recovery: 4 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328605

SAMPLE NO : 393395

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
1,1,1,2-Tetrachloroethane	ug/kg	25	25.2	101		2		80 - 120	0 - 30
1,1,1-Trichloroethane	ug/kg	25	27.6	110		9		74 - 125	0 - 30
1,1,2,2-Tetrachloroethane	ug/kg	25	26	104		5		75 - 134	0 - 30
1,1,2-Trichloroethane	ug/kg	25	24.9	100		3		80 - 121	0 - 30
1,1-Dichloroethane	ug/kg	25	25.8	103		4		73 - 131	0 - 30
1,1-Dichloroethene	ug/kg	25	27.9	112		9		73 - 134	0 - 22
1,1-Dichloropropene	ug/kg	25	27.1	108		6		79 - 124	0 - 30
1,2,3-Trichloropropane	ug/kg	25	25.5	102		2		76 - 135	0 - 30
1,2,4-Trichlorobenzene	ug/kg	25	27.7	111		6		79 - 129	0 - 30
1,2,4-Trimethylbenzene	ug/kg	25	28.5	114		4		80 - 122	0 - 30
1,2-Dibromo-3-chloropropane	ug/kg	25	29.4	118		.3		60 - 146	0 - 30
1,2-Dibromoethane	ug/kg	25	25.6	102		5		79 - 123	0 - 30
1,2-Dichlorobenzene	ug/kg	25	28.6	114		4		80 - 120	0 - 30
1,2-Dichloroethane	ug/kg	25	24.7	99		7		76 - 125	0 - 30
1,2-Dichloropropane	ug/kg	25	24.4	98		7		80 - 121	0 - 30
1,3,5-Trimethylbenzene	ug/kg	25	29	116		4		80 - 122	0 - 30
1,3-Dichlorobenzene	ug/kg	25	27.7	111		7		80 - 120	0 - 30
1,3-Dichloropropane	ug/kg	25	25.6	102		5		80 - 122	0 - 30
1,4-Dichlorobenzene	ug/kg	25	27.9	112		6		80 - 120	0 - 30
2,2-Dichloropropane	ug/kg	25	24.1	96		1		68 - 130	0 - 30
2-Butanone	ug/kg	25	24.5	98		3		45 - 170	0 - 30
2-Chloroethylvinyl ether	ug/kg	25	14	56	*	7		60 - 135	0 - 30
2-Chlorotoluene	ug/kg	25	28	112		5		80 - 123	0 - 30
2-Hexanone	ug/kg	25	27.5	110		.7		56 - 153	0 - 30
4-Chlorotoluene	ug/kg	25	28	112		4		80 - 121	0 - 30
4-Isopropyltoluene	ug/kg	25	29.9	120		4		80 - 123	0 - 30
4-Methyl-2-pentanone	ug/kg	25	26.5	106		.8		56 - 147	0 - 30
Acetone	ug/kg	25	29.1	116		19		18 - 201	0 - 30
Acrolein	ug/kg	125	142	114		21		40 - 164	0 - 30
Acrylonitrile	ug/kg	125	140	112		4		53 - 153	0 - 30
Benzene	ug/kg	25	25.8	103		6		80 - 120	0 - 21
Bromobenzene	ug/kg	25	27	108		6		80 - 125	0 - 30
Bromodichloromethane	ug/kg	25	25.1	100		8		80 - 120	0 - 30
Bromoform	ug/kg	25	26.4	106		5		74 - 125	0 - 30
Bromomethane	ug/kg	25	21.8	87		34	*	44 - 163	0 - 30
Carbon disulfide	ug/kg	25	26.4	106		7		69 - 135	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 2 out of 74 outside limits

Spike Recovery: 4 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328605

Carbon tetrachloride	ug/kg	25	28.3	113		6		75 - 123	0 - 30
Chlorobenzene	ug/kg	25	25.8	103		4		80 - 120	0 - 21
Chloroethane	ug/kg	25	28.1	112		11		47 - 155	0 - 30
Chloroform	ug/kg	25	23.9	96		6		72 - 127	0 - 30
Chloromethane	ug/kg	25	22.4	90		9		59 - 150	0 - 30
Cyclohexane	ug/kg	25	26.7	107		2		61 - 143	0 - 30
Dibromochloromethane	ug/kg	25	25.4	102		3		80 - 122	0 - 30
Dibromomethane	ug/kg	25	25.3	101		4		79 - 120	0 - 30
Dichlorodifluoromethane	ug/kg	25	27.4	110		8		63 - 139	0 - 30
Ethylbenzene	ug/kg	25	27.7	111		6		80 - 120	0 - 30
Hexachlorobutadiene	ug/kg	25	27.8	111		5		73 - 131	0 - 30
Isopropylbenzene (Cumene)	ug/kg	25	28.4	114		4		80 - 122	0 - 30
Methyl Acetate	ug/kg	25	29.8	119		53	*	41 - 164	0 - 30
Methyl iodide	ug/kg	25	24.4	98		15		52 - 145	0 - 30
Methylcyclohexane	ug/kg	25	27.1	108		3		79 - 122	0 - 30
Methylene chloride	ug/kg	25	21.3	85		9		64 - 138	0 - 30
Naphthalene	ug/kg	25	30	120		2		62 - 146	0 - 30
Styrene	ug/kg	25	32.7	131	*	6		80 - 120	0 - 30
Tetrachloroethene	ug/kg	25	31.1	124		3		76 - 126	0 - 30
Toluene	ug/kg	25	27.4	110		5		80 - 120	0 - 21
Trichloroethene	ug/kg	25	27.8	111		.7		78 - 120	0 - 24
Trichlorofluoromethane	ug/kg	25	29.2	117		6		68 - 135	0 - 30
Trichlorotrifluoroethane	ug/kg	25	27.9	112		6		71 - 137	0 - 30
Vinyl acetate	ug/kg	25	21.9	88		5		59 - 146	0 - 30
Vinyl chloride	ug/kg	25	24.9	100		2		72 - 134	0 - 30
Xylene (total)	ug/kg	75	81.4	109		4		80 - 120	0 - 30
cis-1,2-Dichloroethene	ug/kg	25	25.1	100		5		73 - 131	0 - 30
cis-1,3-Dichloropropene	ug/kg	25	25	100		3		80 - 120	0 - 30
m,p-Xylene	ug/kg	50	54.5	109		4		80 - 121	0 - 30
n-Butylbenzene	ug/kg	25	30.4	122		2		80 - 126	0 - 30
n-Propylbenzene	ug/kg	25	29.1	116		6		80 - 124	0 - 30
o-Xylene	ug/kg	25	26.9	108		4		80 - 122	0 - 30
sec-Butylbenzene	ug/kg	25	29.8	119		2		80 - 123	0 - 30
tert-Butyl methyl ether (MTBE)	ug/kg	25	24.9	100		2		71 - 130	0 - 30
tert-Butylbenzene	ug/kg	25	29.9	120		3		80 - 123	0 - 30
trans-1,2-Dichloroethene	ug/kg	25	25.8	103		6		71 - 134	0 - 30
trans-1,3-Dichloropropene	ug/kg	25	25.6	102		5		80 - 123	0 - 30
trans-1,4-Dichloro-2-butene	ug/kg	25	29	116		8		67 - 142	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 2 out of 74 outside limits

Spike Recovery: 4 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL | Sample ID: SH6SB67-134-(1-2)

Lab Code: LA024 | Case No.: | SAS No.: | SDG No.: 206072006

Contract: | Method: SW-846 8260

Analytical Batch: 328954

SAMPLE NO : 20607201205

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	#	QC. LIMITS
1,1,1,2-Tetrachloroethane	ug/kg	1230	0	1140	93		80 - 120
1,1,1-Trichloroethane	ug/kg	1230	0	1270	103		74 - 125
1,1,2,2-Tetrachloroethane	ug/kg	1230	0	917	75		75 - 134
1,1,2-Trichloroethane	ug/kg	1230	0	1120	91		80 - 121
1,1-Dichloroethane	ug/kg	1230	0	1190	97		73 - 131
1,1-Dichloroethene	ug/kg	1230	0	1280	104		73 - 134
1,1-Dichloropropene	ug/kg	1230	0	1160	95		79 - 124
1,2,3-Trichloropropane	ug/kg	1230	0	964	78		76 - 135
1,2,4-Trichlorobenzene	ug/kg	1230	0	1300	106		79 - 129
1,2,4-Trimethylbenzene	ug/kg	1230	0	1240	101		80 - 122
1,2-Dibromo-3-chloropropane	ug/kg	1230	0	799	65		60 - 146
1,2-Dibromoethane	ug/kg	1230	0	1060	86		79 - 123
1,2-Dichlorobenzene	ug/kg	1230	0	1210	98		80 - 120
1,2-Dichloroethane	ug/kg	1230	0	1300	106		76 - 125
1,2-Dichloropropane	ug/kg	1230	0	1240	101		80 - 121
1,3,5-Trimethylbenzene	ug/kg	1230	0	1240	101		80 - 122
1,3-Dichlorobenzene	ug/kg	1230	0	1210	98		80 - 120
1,3-Dichloropropane	ug/kg	1230	0	1130	92		80 - 122
1,4-Dichlorobenzene	ug/kg	1230	0	1190	97		80 - 120
2,2-Dichloropropane	ug/kg	1230	0	1250	101		68 - 130
2-Butanone	ug/kg	1230	0	1130	92		45 - 170
2-Chloroethylvinyl ether	ug/kg	1230	0	1490	121		60 - 135
2-Chlorotoluene	ug/kg	1230	0	1230	100		80 - 123
2-Hexanone	ug/kg	1230	0	839	68		56 - 153
4-Chlorotoluene	ug/kg	1230	0	1210	99		80 - 121
4-Isopropyltoluene	ug/kg	1230	0	1180	96		80 - 123
4-Methyl-2-pentanone	ug/kg	1230	0	931	76		56 - 147
Acetone	ug/kg	1230	0	1390	113		18 - 201
Acrolein	ug/kg	6150	0	4300	70		40 - 164
Acrylonitrile	ug/kg	6150	0	6000	98		53 - 153
Benzene	ug/kg	1230	0	1210	98		80 - 120
Bromobenzene	ug/kg	1230	0	1160	95		80 - 125
Bromodichloromethane	ug/kg	1230	0	1190	97		80 - 120
Bromoform	ug/kg	1230	0	945	77		74 - 125
Bromomethane	ug/kg	1230	0	1000	82		44 - 163
Carbon disulfide	ug/kg	1230	0	1180	96		69 - 135

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 1 out of 74 outside limits

Spike Recovery: 5 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SH6SB67-134-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328954

Carbon tetrachloride	ug/kg	1230	0	1270	103		75 - 123
Chlorobenzene	ug/kg	1230	0	1160	94		80 - 120
Chloroethane	ug/kg	1230	0	989	80		47 - 155
Chloroform	ug/kg	1230	0	1260	102		72 - 127
Chloromethane	ug/kg	1230	0	1060	86		59 - 150
Cyclohexane	ug/kg	1230	0	1140	92		61 - 143
Dibromochloromethane	ug/kg	1230	0	1070	87		80 - 122
Dibromomethane	ug/kg	1230	0	1170	96		79 - 120
Dichlorodifluoromethane	ug/kg	1230	0	994	81		63 - 139
Ethylbenzene	ug/kg	1230	0	1180	96		80 - 120
Hexachlorobutadiene	ug/kg	1230	0	1200	98		73 - 131
Isopropylbenzene (Cumene)	ug/kg	1230	0	1080	88		80 - 122
Methyl Acetate	ug/kg	1230	0	2480	202	*	41 - 164
Methyl iodide	ug/kg	1230	0	1350	110		52 - 145
Methylcyclohexane	ug/kg	1230	0	1210	99		79 - 122
Methylene chloride	ug/kg	1230	72.6	1300	100		64 - 138
Naphthalene	ug/kg	1230	0	1340	109		62 - 146
Styrene	ug/kg	1230	0	1190	97		80 - 120
Tetrachloroethene	ug/kg	1230	0	1160	94		76 - 126
Toluene	ug/kg	1230	0	1070	87		80 - 120
Trichloroethene	ug/kg	1230	0	1240	101		78 - 120
Trichlorofluoromethane	ug/kg	1230	0	461	38	*	68 - 135
Trichlorotrifluoroethane	ug/kg	1230	0	1070	87		71 - 137
Vinyl acetate	ug/kg	1230	0	1180	96		59 - 146
Vinyl chloride	ug/kg	1230	0	1300	106		72 - 134
Xylene (total)	ug/kg	3690	0	3760	102		80 - 120
cis-1,2-Dichloroethene	ug/kg	1230	0	1300	106		73 - 131
cis-1,3-Dichloropropene	ug/kg	1230	0	1220	99		80 - 120
m,p-Xylene	ug/kg	2450	0	2530	103		80 - 121
n-Butylbenzene	ug/kg	1230	0	1250	102		80 - 126
n-Propylbenzene	ug/kg	1230	0	1230	100		80 - 124
o-Xylene	ug/kg	1230	0	1230	100		80 - 122
sec-Butylbenzene	ug/kg	1230	0	1210	98		80 - 123
tert-Butyl methyl ether (MTBE)	ug/kg	1230	0	1080	88		71 - 130
tert-Butylbenzene	ug/kg	1230	0	1170	95		80 - 123
trans-1,2-Dichloroethene	ug/kg	1230	0	1350	110		71 - 134
trans-1,3-Dichloropropene	ug/kg	1230	0	1160	95		80 - 123
trans-1,4-Dichloro-2-butene	ug/kg	1230	0	972	79		67 - 142

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 1 out of 74 outside limits

Spike Recovery: 5 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SH6SB67-134-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328954

SAMPLE NO : ***20607201206***

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
1,1,1,2-Tetrachloroethane	ug/kg	1230	1110	90		3		80 - 120	0 - 30
1,1,1-Trichloroethane	ug/kg	1230	1120	91		12		74 - 125	0 - 30
1,1,2,2-Tetrachloroethane	ug/kg	1230	948	77		3		75 - 134	0 - 30
1,1,2-Trichloroethane	ug/kg	1230	1070	87		5		80 - 121	0 - 30
1,1-Dichloroethane	ug/kg	1230	1170	95		2		73 - 131	0 - 30
1,1-Dichloroethene	ug/kg	1230	1190	97		8		73 - 134	0 - 22
1,1-Dichloropropene	ug/kg	1230	1040	85		11		79 - 124	0 - 30
1,2,3-Trichloropropane	ug/kg	1230	967	79		.3		76 - 135	0 - 30
1,2,4-Trichlorobenzene	ug/kg	1230	1270	103		2		79 - 129	0 - 30
1,2,4-Trimethylbenzene	ug/kg	1230	1180	96		5		80 - 122	0 - 30
1,2-Dibromo-3-chloropropane	ug/kg	1230	830	67		4		60 - 146	0 - 30
1,2-Dibromoethane	ug/kg	1230	1080	88		2		79 - 123	0 - 30
1,2-Dichlorobenzene	ug/kg	1230	1150	93		5		80 - 120	0 - 30
1,2-Dichloroethane	ug/kg	1230	1230	100		6		76 - 125	0 - 30
1,2-Dichloropropane	ug/kg	1230	1220	99		1		80 - 121	0 - 30
1,3,5-Trimethylbenzene	ug/kg	1230	1170	95		6		80 - 122	0 - 30
1,3-Dichlorobenzene	ug/kg	1230	1090	89		10		80 - 120	0 - 30
1,3-Dichloropropane	ug/kg	1230	1120	91		.9		80 - 122	0 - 30
1,4-Dichlorobenzene	ug/kg	1230	1160	95		2		80 - 120	0 - 30
2,2-Dichloropropane	ug/kg	1230	1130	92		10		68 - 130	0 - 30
2-Butanone	ug/kg	1230	1060	86		7		45 - 170	0 - 30
2-Chloroethylvinyl ether	ug/kg	1230	480	39	*	102	*	60 - 135	0 - 30
2-Chlorotoluene	ug/kg	1230	1170	95		5		80 - 123	0 - 30
2-Hexanone	ug/kg	1230	854	69		2		56 - 153	0 - 30
4-Chlorotoluene	ug/kg	1230	1150	93		6		80 - 121	0 - 30
4-Isopropyltoluene	ug/kg	1230	1110	90		6		80 - 123	0 - 30
4-Methyl-2-pentanone	ug/kg	1230	937	76		.7		56 - 147	0 - 30
Acetone	ug/kg	1230	1210	99		13		18 - 201	0 - 30
Acrolein	ug/kg	6150	4480	73		4		40 - 164	0 - 30
Acrylonitrile	ug/kg	6150	5890	96		2		53 - 153	0 - 30
Benzene	ug/kg	1230	1130	92		7		80 - 120	0 - 21
Bromobenzene	ug/kg	1230	1110	90		5		80 - 125	0 - 30
Bromodichloromethane	ug/kg	1230	1110	90		7		80 - 120	0 - 30
Bromoform	ug/kg	1230	941	77		.4		74 - 125	0 - 30
Bromomethane	ug/kg	1230	976	79		3		44 - 163	0 - 30
Carbon disulfide	ug/kg	1230	1150	94		2		69 - 135	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 1 out of 74 outside limits

Spike Recovery: 5 out of 148 outside limits

FORM III VOA-2

3B
SOIL VOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SH6SB67-134-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328954

Carbon tetrachloride	ug/kg	1230	994	81		24		75 - 123	0 - 30
Chlorobenzene	ug/kg	1230	1130	92		2		80 - 120	0 - 21
Chloroethane	ug/kg	1230	891	73		10		47 - 155	0 - 30
Chloroform	ug/kg	1230	1200	97		5		72 - 127	0 - 30
Chloromethane	ug/kg	1230	1040	84		2		59 - 150	0 - 30
Cyclohexane	ug/kg	1230	1100	90		3		61 - 143	0 - 30
Dibromochloromethane	ug/kg	1230	1020	83		5		80 - 122	0 - 30
Dibromomethane	ug/kg	1230	1060	87		10		79 - 120	0 - 30
Dichlorodifluoromethane	ug/kg	1230	1010	82		1		63 - 139	0 - 30
Ethylbenzene	ug/kg	1230	1120	91		5		80 - 120	0 - 30
Hexachlorobutadiene	ug/kg	1230	1090	88		10		73 - 131	0 - 30
Isopropylbenzene (Cumene)	ug/kg	1230	1020	83		5		80 - 122	0 - 30
Methyl Acetate	ug/kg	1230	2530	206	*	2		41 - 164	0 - 30
Methyl iodide	ug/kg	1230	1250	102		7		52 - 145	0 - 30
Methylcyclohexane	ug/kg	1230	1140	92		6		79 - 122	0 - 30
Methylene chloride	ug/kg	1230	1200	92		8		64 - 138	0 - 30
Naphthalene	ug/kg	1230	1400	114		5		62 - 146	0 - 30
Styrene	ug/kg	1230	1140	93		4		80 - 120	0 - 30
Tetrachloroethene	ug/kg	1230	1040	85		11		76 - 126	0 - 30
Toluene	ug/kg	1230	1020	83		5		80 - 120	0 - 21
Trichloroethene	ug/kg	1230	1180	96		5		78 - 120	0 - 24
Trichlorofluoromethane	ug/kg	1230	437	36	*	5		68 - 135	0 - 30
Trichlorotrifluoroethane	ug/kg	1230	1110	90		4		71 - 137	0 - 30
Vinyl acetate	ug/kg	1230	1230	100		5		59 - 146	0 - 30
Vinyl chloride	ug/kg	1230	1200	97		8		72 - 134	0 - 30
Xylene (total)	ug/kg	3690	3620	98		4		80 - 120	0 - 30
cis-1,2-Dichloroethene	ug/kg	1230	1160	94		11		73 - 131	0 - 30
cis-1,3-Dichloropropene	ug/kg	1230	1170	95		5		80 - 120	0 - 30
m,p-Xylene	ug/kg	2450	2400	98		5		80 - 121	0 - 30
n-Butylbenzene	ug/kg	1230	1150	93		9		80 - 126	0 - 30
n-Propylbenzene	ug/kg	1230	1150	94		6		80 - 124	0 - 30
o-Xylene	ug/kg	1230	1220	99		1		80 - 122	0 - 30
sec-Butylbenzene	ug/kg	1230	1140	92		6		80 - 123	0 - 30
tert-Butyl methyl ether (MTBE)	ug/kg	1230	1050	85		3		71 - 130	0 - 30
tert-Butylbenzene	ug/kg	1230	1120	91		4		80 - 123	0 - 30
trans-1,2-Dichloroethene	ug/kg	1230	1190	97		12		71 - 134	0 - 30
trans-1,3-Dichloropropene	ug/kg	1230	1140	93		2		80 - 123	0 - 30
trans-1,4-Dichloro-2-butene	ug/kg	1230	878	71		10		67 - 142	0 - 30

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 1 out of 74 outside limits

Spike Recovery: 5 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328954

SAMPLE NO : 395128

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	#	QC. LIMITS
1,1,1,2-Tetrachloroethane	ug/kg	1250	0	1240	99		80 - 120
1,1,1-Trichloroethane	ug/kg	1250	0	1260	101		74 - 125
1,1,2,2-Tetrachloroethane	ug/kg	1250	0	1080	86		75 - 134
1,1,2-Trichloroethane	ug/kg	1250	0	1240	99		80 - 121
1,1-Dichloroethane	ug/kg	1250	0	1350	108		73 - 131
1,1-Dichloroethene	ug/kg	1250	0	1370	110		73 - 134
1,1-Dichloropropene	ug/kg	1250	0	1200	96		79 - 124
1,2,3-Trichloropropane	ug/kg	1250	0	1110	89		76 - 135
1,2,4-Trichlorobenzene	ug/kg	1250	0	1350	108		79 - 129
1,2,4-Trimethylbenzene	ug/kg	1250	0	1320	106		80 - 122
1,2-Dibromo-3-chloropropane	ug/kg	1250	0	902	72		60 - 146
1,2-Dibromoethane	ug/kg	1250	0	1150	92		79 - 123
1,2-Dichlorobenzene	ug/kg	1250	0	1250	100		80 - 120
1,2-Dichloroethane	ug/kg	1250	0	1350	108		76 - 125
1,2-Dichloropropane	ug/kg	1250	0	1330	106		80 - 121
1,3,5-Trimethylbenzene	ug/kg	1250	0	1340	107		80 - 122
1,3-Dichlorobenzene	ug/kg	1250	0	1220	98		80 - 120
1,3-Dichloropropane	ug/kg	1250	0	1240	99		80 - 122
1,4-Dichlorobenzene	ug/kg	1250	0	1290	103		80 - 120
2,2-Dichloropropane	ug/kg	1250	0	1300	104		68 - 130
2-Butanone	ug/kg	1250	0	1290	103		45 - 170
2-Chloroethylvinyl ether	ug/kg	1250	0	1610	129		60 - 135
2-Chlorotoluene	ug/kg	1250	0	1300	104		80 - 123
2-Hexanone	ug/kg	1250	0	1030	82		56 - 153
4-Chlorotoluene	ug/kg	1250	0	1270	102		80 - 121
4-Isopropyltoluene	ug/kg	1250	0	1220	98		80 - 123
4-Methyl-2-pentanone	ug/kg	1250	0	1090	87		56 - 147
Acetone	ug/kg	1250	0	1610	129		18 - 201
Acrolein	ug/kg	6250	0	5010	80		40 - 164
Acrylonitrile	ug/kg	6250	0	5860	94		53 - 153
Benzene	ug/kg	1250	0	1270	102		80 - 120
Bromobenzene	ug/kg	1250	0	1250	100		80 - 125
Bromodichloromethane	ug/kg	1250	0	1290	103		80 - 120
Bromoform	ug/kg	1250	0	1070	86		74 - 125
Bromomethane	ug/kg	1250	0	1340	107		44 - 163
Carbon disulfide	ug/kg	1250	0	1300	104		69 - 135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 74 outside limits

Spike Recovery: 2 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328954

Carbon tetrachloride	ug/kg	1250	0	1340	107		75 - 123
Chlorobenzene	ug/kg	1250	0	1240	99		80 - 120
Chloroethane	ug/kg	1250	0	3520	282	*	47 - 155
Chloroform	ug/kg	1250	0	1300	104		72 - 127
Chloromethane	ug/kg	1250	0	1180	94		59 - 150
Cyclohexane	ug/kg	1250	0	1210	97		61 - 143
Dibromochloromethane	ug/kg	1250	0	1140	91		80 - 122
Dibromomethane	ug/kg	1250	0	1220	98		79 - 120
Dichlorodifluoromethane	ug/kg	1250	0	1120	90		63 - 139
Ethylbenzene	ug/kg	1250	0	1240	99		80 - 120
Hexachlorobutadiene	ug/kg	1250	0	1170	94		73 - 131
Isopropylbenzene (Cumene)	ug/kg	1250	0	1130	90		80 - 122
Methyl Acetate	ug/kg	1250	0	1250	100		41 - 164
Methyl iodide	ug/kg	1250	0	1600	128		52 - 145
Methylcyclohexane	ug/kg	1250	0	1260	101		79 - 122
Methylene chloride	ug/kg	1250	0	1320	106		64 - 138
Naphthalene	ug/kg	1250	0	1390	111		62 - 146
Styrene	ug/kg	1250	0	1270	102		80 - 120
Tetrachloroethene	ug/kg	1250	0	1170	94		76 - 126
Toluene	ug/kg	1250	0	1150	92		80 - 120
Trichloroethene	ug/kg	1250	0	1270	102		78 - 120
Trichlorofluoromethane	ug/kg	1250	0	1510	121		68 - 135
Trichlorotrifluoroethane	ug/kg	1250	0	1240	99		71 - 137
Vinyl acetate	ug/kg	1250	0	1280	102		59 - 146
Vinyl chloride	ug/kg	1250	0	1320	106		72 - 134
Xylene (total)	ug/kg	3750	0	3760	100		80 - 120
cis-1,2-Dichloroethene	ug/kg	1250	0	1280	102		73 - 131
cis-1,3-Dichloropropene	ug/kg	1250	0	1270	102		80 - 120
m,p-Xylene	ug/kg	2500	0	2470	99		80 - 121
n-Butylbenzene	ug/kg	1250	0	1330	106		80 - 126
n-Propylbenzene	ug/kg	1250	0	1270	102		80 - 124
o-Xylene	ug/kg	1250	0	1280	102		80 - 122
sec-Butylbenzene	ug/kg	1250	0	1260	101		80 - 123
tert-Butyl methyl ether (MTBE)	ug/kg	1250	0	1100	88		71 - 130
tert-Butylbenzene	ug/kg	1250	0	1220	98		80 - 123
trans-1,2-Dichloroethene	ug/kg	1250	0	1420	114		71 - 134
trans-1,3-Dichloropropene	ug/kg	1250	0	1240	99		80 - 123
trans-1,4-Dichloro-2-butene	ug/kg	1250	0	1180	94		67 - 142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 74 outside limits

Spike Recovery: 2 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328954

SAMPLE NO : ***395129***

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
1,1,1,2-Tetrachloroethane	ug/kg	1250	1260	101		2		80 - 120	0 - 30
1,1,1-Trichloroethane	ug/kg	1250	1330	106		5		74 - 125	0 - 30
1,1,2,2-Tetrachloroethane	ug/kg	1250	1080	86		0		75 - 134	0 - 30
1,1,2-Trichloroethane	ug/kg	1250	1230	98		.8		80 - 121	0 - 30
1,1-Dichloroethane	ug/kg	1250	1340	107		.7		73 - 131	0 - 30
1,1-Dichloroethene	ug/kg	1250	1370	110		0		73 - 134	0 - 22
1,1-Dichloropropene	ug/kg	1250	1220	98		2		79 - 124	0 - 30
1,2,3-Trichloropropane	ug/kg	1250	1110	89		0		76 - 135	0 - 30
1,2,4-Trichlorobenzene	ug/kg	1250	1330	106		1		79 - 129	0 - 30
1,2,4-Trimethylbenzene	ug/kg	1250	1330	106		.8		80 - 122	0 - 30
1,2-Dibromo-3-chloropropane	ug/kg	1250	944	76		5		60 - 146	0 - 30
1,2-Dibromoethane	ug/kg	1250	1150	92		0		79 - 123	0 - 30
1,2-Dichlorobenzene	ug/kg	1250	1270	102		2		80 - 120	0 - 30
1,2-Dichloroethane	ug/kg	1250	1340	107		.7		76 - 125	0 - 30
1,2-Dichloropropane	ug/kg	1250	1320	106		.8		80 - 121	0 - 30
1,3,5-Trimethylbenzene	ug/kg	1250	1310	105		2		80 - 122	0 - 30
1,3-Dichlorobenzene	ug/kg	1250	1250	100		2		80 - 120	0 - 30
1,3-Dichloropropane	ug/kg	1250	1220	98		2		80 - 122	0 - 30
1,4-Dichlorobenzene	ug/kg	1250	1280	102		.8		80 - 120	0 - 30
2,2-Dichloropropane	ug/kg	1250	1210	97		7		68 - 130	0 - 30
2-Butanone	ug/kg	1250	1130	90		13		45 - 170	0 - 30
2-Chloroethylvinyl ether	ug/kg	1250	1570	126		3		60 - 135	0 - 30
2-Chlorotoluene	ug/kg	1250	1310	105		.8		80 - 123	0 - 30
2-Hexanone	ug/kg	1250	1060	85		3		56 - 153	0 - 30
4-Chlorotoluene	ug/kg	1250	1270	102		0		80 - 121	0 - 30
4-Isopropyltoluene	ug/kg	1250	1230	98		.8		80 - 123	0 - 30
4-Methyl-2-pentanone	ug/kg	1250	1100	88		.9		56 - 147	0 - 30
Acetone	ug/kg	1250	1540	123		4		18 - 201	0 - 30
Acrolein	ug/kg	6250	5140	82		3		40 - 164	0 - 30
Acrylonitrile	ug/kg	6250	5970	96		2		53 - 153	0 - 30
Benzene	ug/kg	1250	1250	100		2		80 - 120	0 - 21
Bromobenzene	ug/kg	1250	1280	102		2		80 - 125	0 - 30
Bromodichloromethane	ug/kg	1250	1210	97		6		80 - 120	0 - 30
Bromoform	ug/kg	1250	1150	92		7		74 - 125	0 - 30
Bromomethane	ug/kg	1250	1380	110		3		44 - 163	0 - 30
Carbon disulfide	ug/kg	1250	1300	104		0		69 - 135	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 74 outside limits

Spike Recovery: 2 out of 148 outside limits

FORM III VOA-2

3B

SOIL VOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8260

Analytical Batch: 328954

Carbon tetrachloride	ug/kg	1250	1350	108		.7		75 - 123	0 - 30
Chlorobenzene	ug/kg	1250	1270	102		2		80 - 120	0 - 21
Chloroethane	ug/kg	1250	3320	266	*	6		47 - 155	0 - 30
Chloroform	ug/kg	1250	1270	102		2		72 - 127	0 - 30
Chloromethane	ug/kg	1250	1110	89		6		59 - 150	0 - 30
Cyclohexane	ug/kg	1250	1220	98		.8		61 - 143	0 - 30
Dibromochloromethane	ug/kg	1250	1150	92		.9		80 - 122	0 - 30
Dibromomethane	ug/kg	1250	1170	94		4		79 - 120	0 - 30
Dichlorodifluoromethane	ug/kg	1250	1160	93		4		63 - 139	0 - 30
Ethylbenzene	ug/kg	1250	1280	102		3		80 - 120	0 - 30
Hexachlorobutadiene	ug/kg	1250	1210	97		3		73 - 131	0 - 30
Isopropylbenzene (Cumene)	ug/kg	1250	1120	90		.9		80 - 122	0 - 30
Methyl Acetate	ug/kg	1250	1180	94		6		41 - 164	0 - 30
Methyl iodide	ug/kg	1250	1650	132		3		52 - 145	0 - 30
Methylcyclohexane	ug/kg	1250	1260	101		0		79 - 122	0 - 30
Methylene chloride	ug/kg	1250	1320	106		0		64 - 138	0 - 30
Naphthalene	ug/kg	1250	1480	118		6		62 - 146	0 - 30
Styrene	ug/kg	1250	1270	102		0		80 - 120	0 - 30
Tetrachloroethene	ug/kg	1250	1200	96		3		76 - 126	0 - 30
Toluene	ug/kg	1250	1150	92		0		80 - 120	0 - 21
Trichloroethene	ug/kg	1250	1270	102		0		78 - 120	0 - 24
Trichlorofluoromethane	ug/kg	1250	1490	119		1		68 - 135	0 - 30
Trichlorotrifluoroethane	ug/kg	1250	1270	102		2		71 - 137	0 - 30
Vinyl acetate	ug/kg	1250	1230	98		4		59 - 146	0 - 30
Vinyl chloride	ug/kg	1250	1290	103		2		72 - 134	0 - 30
Xylene (total)	ug/kg	3750	3870	103		3		80 - 120	0 - 30
cis-1,2-Dichloroethene	ug/kg	1250	1310	105		2		73 - 131	0 - 30
cis-1,3-Dichloropropene	ug/kg	1250	1270	102		0		80 - 120	0 - 30
m,p-Xylene	ug/kg	2500	2560	102		4		80 - 121	0 - 30
n-Butylbenzene	ug/kg	1250	1290	103		3		80 - 126	0 - 30
n-Propylbenzene	ug/kg	1250	1280	102		.8		80 - 124	0 - 30
o-Xylene	ug/kg	1250	1320	106		3		80 - 122	0 - 30
sec-Butylbenzene	ug/kg	1250	1280	102		2		80 - 123	0 - 30
tert-Butyl methyl ether (MTBE)	ug/kg	1250	1140	91		4		71 - 130	0 - 30
tert-Butylbenzene	ug/kg	1250	1220	98		0		80 - 123	0 - 30
trans-1,2-Dichloroethene	ug/kg	1250	1340	107		6		71 - 134	0 - 30
trans-1,3-Dichloropropene	ug/kg	1250	1230	98		.8		80 - 123	0 - 30
trans-1,4-Dichloro-2-butene	ug/kg	1250	1010	81		16		67 - 142	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 0 out of 74 outside limits

Spike Recovery: 2 out of 148 outside limits

FORM III VOA-2

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

MB393133

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060721P/V4439

Lab Sample ID: 393133 Date Extracted:

GC Column: DB-624-30M ID: .53 (mm)

Date Analyzed: 07/21/06 Time: 2324

Instrument ID: MSV4 Matrix: Soil

Heated Purge: Y

Level: LOW

Prep Batch: Analytical Batch: 328554

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	LCS393134	393134	2060721P/V4436	07/21/06	2212
2.	LCSD393135	393135	2060721P/V4437	07/21/06	2236
3.	SH4SB64-128-(1-2)	20607200607	2060721P/V4454	07/22/06	0523
4.	SF4SB46-092-(1-2)	20607200611	2060721P/V4455	07/22/06	0547

FORM IV VOA

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

MB393346

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060722Q/V4477

Lab Sample ID: 393346 Date Extracted:

GC Column: DB-624-30M ID: .53 (mm)

Date Analyzed: 07/22/06 Time: 1632

Instrument ID: MSV4 Matrix: Soil

Heated Purge: Y

Level: LOW

Prep Batch: Analytical Batch: 328585

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	LCS393347	393347	2060722Q/V4474	07/22/06	1514
2.	LCSD393348	393348	2060722Q/V4475	07/22/06	1540
3.	SI5SB74-148-(1-2)	20607200606	2060722Q/V4487	07/22/06	2037
4.	SE3SB39-078-(1-2)	20607200615	2060722Q/V4492	07/22/06	2237
5.	SH5SB66-132-(1-2)	20607200617	2060722Q/V4493	07/22/06	2301

FORM IV VOA

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

MB393393

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060723/V4513

Lab Sample ID: 393393 Date Extracted:

GC Column: DB-624-30M ID: .53 (mm)

Date Analyzed: 07/23/06 Time: 0930

Instrument ID: MSV4 Matrix: Soil

Heated Purge: Y

Level: LOW

Prep Batch: Analytical Batch: 328605

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	LCS393394	393394	2060723/V4510	07/23/06	0818
2.	LCSD393395	393395	2060723/V4511	07/23/06	0842
3.	SF3SB45-090-(1-2)	20607200602	2060723/V4521	07/23/06	1245
4.	SF3SB45-090-(1-2)MS	20607200603	2060723/V4524M	07/23/06	1357
5.	SF3SB45-090-(1-2)MSD	20607200604	2060723/V4533	07/23/06	1738

FORM IV VOA

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

MB393136

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060721Q/G6355

Lab Sample ID: 393136 Date Extracted:

GC Column: DB-VRX-30 ID: .53 (mm)

Date Analyzed: 07/22/06 Time: 0039

Instrument ID: MSV5 Matrix: Water

Heated Purge: N

Level: LOW

Prep Batch: Analytical Batch: 328555

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	LCS393137	393137	2060721Q/G6353	07/21/06	2348
2.	COC1104-TB	20607200610	2060721Q/G6370	07/22/06	0740
3.	FB-503	20607200622	2060721Q/G6371	07/22/06	0805
4.	COC1106-TB	20607200623	2060721Q/G6372	07/22/06	0830

FORM IV VOA

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

MB395127

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060727P/G6618

Lab Sample ID: 395127 Date Extracted:

GC Column: DB-VRX-30 ID: .53 (mm)

Date Analyzed: 07/27/06 Time: 2353

Instrument ID: MSV5 Matrix: Soil

Heated Purge: Y

Level: LOW

Prep Batch: Analytical Batch: 328954

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	LCS395128	395128	2060727P/G6615	07/27/06	2237
2.	LCSD395129	395129	2060727P/G6616	07/27/06	2302
3.	SF4SB46-092-(1-2)	20607200611	2060727P/G6629	07/28/06	0455
4.	SG4SB56-112-(1-2)	20607200612	2060727P/G6630	07/28/06	0520

FORM IV VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060717P/V4271

BFB Injection Date: 07/17/06

Instrument ID: MSV4

BFB Injection Time: 1606

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 328309

m / e	ION ABUNDANCE CRITERIA	% Relative Abundance			
50	15.0 - 40.0% of mass 95	29.35	(	)	
75	30.0 - 60.0% of mass 95	55.07	(	)	
95	Base Peak, 100% relative abundance	100	(	)	
96	5.0 -9.0% of mass 95	5.81	(	)	
173	Less than 2.0% of mass 174	0	(0	)	1
174	50.0 - 120.0% of mass 95	80.55	(	)	
175	5.0 - 9.0% of mass 174	4.05	(5.04	)	1
176	95.0 - 101.0% of mass 174	77.76	(96.54	)	1
177	5.0 - 9.0% of mass 176	5.64	(7.26	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	V4STD002APP9	1206	2060717P/V4285	07/17/06	2230
2.	V4STD005APP9	1201	2060717P/V4286	07/17/06	2254
3.	V4STD010APP9	1209	2060717P/V4287	07/17/06	2318
4.	V4STD020APP9	1202	2060717P/V4288	07/17/06	2342
5.	V4STD050APP9	1203	2060717P/V4289	07/18/06	0006
6.	V4STD100APP9	1204	2060717P/V4290	07/18/06	0030
7.	V4STD200APP9	1205	2060717P/V4291	07/18/06	0054
8.	APP9ICV	1600	2060717P/V4294	07/18/06	0205

FORM V VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060718/V4295

BFB Injection Date: 07/18/06

Instrument ID: MSV4

BFB Injection Time: 0816

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 328269

m / e	ION ABUNDANCE CRITERIA	% Relative Abundance			
50	15.0 - 40.0% of mass 95	30.22	(	)	
75	30.0 - 60.0% of mass 95	56.34	(	)	
95	Base Peak, 100% relative abundance	100	(	)	
96	5.0 -9.0% of mass 95	6.47	(	)	
173	Less than 2.0% of mass 174	0	(0	)	1
174	50.0 - 120.0% of mass 95	82.68	(	)	
175	5.0 - 9.0% of mass 174	6.15	(7.45	)	1
176	95.0 - 101.0% of mass 174	81.29	(98.32	)	1
177	5.0 - 9.0% of mass 176	5.65	(6.96	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	V4STD002	1206	2060718/V4296	07/18/06	0855
2.	V4STD005	1201	2060718/V4297	07/18/06	0919
3.	V4STD010	1207	2060718/V4298	07/18/06	0944
4.	V4STD020	1202	2060718/V4299	07/18/06	1009
5.	V4STD050	1203	2060718/V4300	07/18/06	1035
6.	V4STD100	1204	2060718/V4301	07/18/06	1100
7.	V4STD200	1205	2060718/V4302	07/18/06	1126
8.	8260ICV050	1600	2060718/V4304	07/18/06	1223

FORM V VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060721P/V4433

BFB Injection Date: 07/21/06

Instrument ID: MSV4

BFB Injection Time: 2020

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 328554

m / e	*ION ABUNDANCE CRITERIA*	*% Relative Abundance*			
50	15.0 - 40.0% of mass 95	29.91	(	)	
75	30.0 - 60.0% of mass 95	55.26	(	)	
95	Base Peak, 100% relative abundance	100	(	)	
96	5.0 -9.0% of mass 95	7.11	(	)	
173	Less than 2.0% of mass 174	0	(0	)	1
174	50.0 - 120.0% of mass 95	81.22	(	)	
175	5.0 - 9.0% of mass 174	4.79	(5.9	)	1
176	95.0 - 101.0% of mass 174	77.94	(95.97	)	1
177	5.0 - 9.0% of mass 176	5.44	(6.98	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	*LAB SAMPLE ID*	*LAB FILE ID*	*DATE ANALYZED*	*TIME ANALYZED*
1.	V4STD050	1400	2060721P/V4434	07/21/06	2108
2.	V4STD050APP9	1400	2060721P/V4435	07/21/06	2148
3.	LCS393134	393134	2060721P/V4436	07/21/06	2212
4.	LCSD393135	393135	2060721P/V4437	07/21/06	2236
5.	MB393133	393133	2060721P/V4439	07/21/06	2324
6.	SH4SB64-128-(1-2)	20607200607	2060721P/V4454	07/22/06	0523
7.	SF4SB46-092-(1-2)	20607200611	2060721P/V4455	07/22/06	0547

FORM V VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060722Q/V4469

BFB Injection Date: 07/22/06

Instrument ID: MSV4

BFB Injection Time: 1251

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 328585

m / e	*ION ABUNDANCE CRITERIA*	*% Relative Abundance*			
50	15.0 - 40.0% of mass 95	26.97	(	)	
75	30.0 - 60.0% of mass 95	51.09	(	)	
95	Base Peak, 100% relative abundance	100	(	)	
96	5.0 -9.0% of mass 95	6.85	(	)	
173	Less than 2.0% of mass 174	.13	(.16	)	1
174	50.0 - 120.0% of mass 95	82.02	(	)	
175	5.0 - 9.0% of mass 174	4.1	(5.01	)	1
176	95.0 - 101.0% of mass 174	82.69	(100.8	)	1
177	5.0 - 9.0% of mass 176	5.14	(6.22	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	*LAB SAMPLE ID*	*LAB FILE ID*	*DATE ANALYZED*	*TIME ANALYZED*
1.	V4STD050	1400	2060722Q/V4472	07/22/06	1410
2.	V4STD050APP9	1400	2060722Q/V4473	07/22/06	1448
3.	LCS393347	393347	2060722Q/V4474	07/22/06	1514
4.	LCSD393348	393348	2060722Q/V4475	07/22/06	1540
5.	MB393346	393346	2060722Q/V4477	07/22/06	1632
6.	SI5SB74-148-(1-2)	20607200606	2060722Q/V4487	07/22/06	2037
7.	SE3SB39-078-(1-2)	20607200615	2060722Q/V4492	07/22/06	2237
8.	SH5SB66-132-(1-2)	20607200617	2060722Q/V4493	07/22/06	2301

FORM V VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060723/V4506

BFB Injection Date: 07/23/06

Instrument ID: MSV4

BFB Injection Time: 0616

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 328605

m / e	*ION ABUNDANCE CRITERIA*	*% Relative Abundance*			
50	15.0 - 40.0% of mass 95	31.16	(	)	
75	30.0 - 60.0% of mass 95	54.57	(	)	
95	Base Peak, 100% relative abundance	100	(	)	
96	5.0 -9.0% of mass 95	7.44	(	)	
173	Less than 2.0% of mass 174	.11	(.15	)	1
174	50.0 - 120.0% of mass 95	78.41	(	)	
175	5.0 - 9.0% of mass 174	5.01	(6.39	)	1
176	95.0 - 101.0% of mass 174	74.62	(95.17	)	1
177	5.0 - 9.0% of mass 176	5.67	(7.61	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	*LAB SAMPLE ID*	*LAB FILE ID*	*DATE ANALYZED*	*TIME ANALYZED*
1.	V4STD050	1400	2060723/V4507	07/23/06	0654
2.	V4STD050APP9	1400	2060723/V4509	07/23/06	0754
3.	LCS393394	393394	2060723/V4510	07/23/06	0818
4.	LCSD393395	393395	2060723/V4511	07/23/06	0842
5.	MB393393	393393	2060723/V4513	07/23/06	0930
6.	SF3SB45-090-(1-2)	20607200602	2060723/V4521	07/23/06	1245
7.	SF3SB45-090-(1-2)MS	20607200603	2060723/V4524M	07/23/06	1357
8.	SF3SB45-090-(1-2)MSD	20607200604	2060723/V4533	07/23/06	1738

FORM V VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060614/G5021

BFB Injection Date: 06/14/06

Instrument ID: MSV5

BFB Injection Time: 0614

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 325646

m / e	ION ABUNDANCE CRITERIA	% Relative Abundance			
50	15.0 - 40.0% of mass 95	16.32	(	)	
75	30.0 - 60.0% of mass 95	38.79	(	)	
95	Base Peak, 100% relative abundance	100	(	)	
96	5.0 -9.0% of mass 95	5.63	(	)	
173	Less than 2.0% of mass 174	0	(0	)	1
174	50.0 - 120.0% of mass 95	75.41	(	)	
175	5.0 - 9.0% of mass 174	4.78	(6.35	)	1
176	95.0 - 101.0% of mass 174	74.12	(98.29	)	1
177	5.0 - 9.0% of mass 176	4.18	(5.64	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	V5STD002APP9	1206	2060614/G5023	06/14/06	0730
2.	V5STD005APP9	1201	2060614/G5025	06/14/06	0830
3.	V5STD010APP9	1208	2060614/G5026	06/14/06	0856
4.	V5STD020APP9	1202	2060614/G5027	06/14/06	0923
5.	V5STD050APP9	1203	2060614/G5028	06/14/06	0948
6.	V5STD100APP9	1204	2060614/G5029	06/14/06	1015
7.	V5STD200APP9	1205	2060614/G5030	06/14/06	1047
8.	APPICV	1600	2060614/G5032	06/14/06	1142

FORM V VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060618P/G5209

BFB Injection Date: 06/18/06

Instrument ID: MSV5

BFB Injection Time: 1558

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 326057

m / e	ION ABUNDANCE CRITERIA	% Relative Abundance			
50	15.0 - 40.0% of mass 95	19.14	(	)	
75	30.0 - 60.0% of mass 95	42.42	(	)	
95	Base Peak, 100% relative abundance	100	(	)	
96	5.0 -9.0% of mass 95	6.7	(	)	
173	Less than 2.0% of mass 174	0	(0	)	1
174	50.0 - 120.0% of mass 95	79.12	(	)	
175	5.0 - 9.0% of mass 174	5.22	(6.61	)	1
176	95.0 - 101.0% of mass 174	79.19	(100.0	)	1
177	5.0 - 9.0% of mass 176	4.39	(5.55	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	V5STD0.200PPB	1210	2060618P/G5210	06/18/06	1630
2.	V5STD0.400PPB	1209	2060618P/G5211	06/18/06	1700
3.	V5STD001PPB	1207	2060618P/G5212	06/18/06	1739
4.	V5STD005PPB	1201	2060618P/G5213	06/18/06	1805
5.	V5STD010PPB	1208	2060618P/G5214	06/18/06	1830
6.	V5STD020PPB	1202	2060618P/G5215	06/18/06	1855
7.	V5STD050PPB	1203	2060618P/G5216	06/18/06	1921
8.	V5STD100PPB	1204	2060618P/G5217	06/18/06	1946
9.	8260ICV	1600	2060619/G5227	06/19/06	0923

FORM V VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060721Q/G6349

BFB Injection Date: 07/21/06

Instrument ID: MSV5

BFB Injection Time: 2146

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 328555

m / e	*ION ABUNDANCE CRITERIA*	*% Relative Abundance*				
50	15.0 - 40.0% of mass 95	16.87	(		)	
75	30.0 - 60.0% of mass 95	43.13	(		)	
95	Base Peak, 100% relative abundance	100	(		)	
96	5.0 -9.0% of mass 95	7.13	(		)	
173	Less than 2.0% of mass 174	0	(	0	)	1
174	50.0 - 120.0% of mass 95	78.06	(		)	
175	5.0 - 9.0% of mass 174	4.58	(	5.88	)	1
176	95.0 - 101.0% of mass 174	78.34	(	100.3	)	1
177	5.0 - 9.0% of mass 176	4.41	(	5.63	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	*LAB SAMPLE ID*	*LAB FILE ID*	*DATE ANALYZED*	*TIME ANALYZED*
1.	V5STD050	1400	2060721Q/G6350	07/21/06	2221
2.	V5STD050APP9	1400	2060721Q/G6351	07/21/06	2258
3.	LCS393137	393137	2060721Q/G6353	07/21/06	2348
4.	MB393136	393136	2060721Q/G6355	07/22/06	0039
5.	COC1104-TB	20607200610	2060721Q/G6370	07/22/06	0740
6.	FB-503	20607200622	2060721Q/G6371	07/22/06	0805
7.	COC1106-TB	20607200623	2060721Q/G6372	07/22/06	0830

FORM V VOA

5A

VOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID: 2060727P/G6612

BFB Injection Date: 07/27/06

Instrument ID: MSV5

BFB Injection Time: 2113

GC Column: DB-624-30M ID: .53 (mm)

Analytical Batch: 328954

m / e	ION ABUNDANCE CRITERIA	% Relative Abundance			
50	15.0 - 40.0% of mass 95	18.21	(	)	
75	30.0 - 60.0% of mass 95	47.75	(	)	
95	Base Peak, 100% relative abundance	100	(	)	
96	5.0 -9.0% of mass 95	7.92	(	)	
173	Less than 2.0% of mass 174	0	(0	)	1
174	50.0 - 120.0% of mass 95	71.61	(	)	
175	5.0 - 9.0% of mass 174	6.35	(8.88	)	1
176	95.0 - 101.0% of mass 174	71.58	(99.97	)	1
177	5.0 - 9.0% of mass 176	5.41	(7.57	)	2

1- Value is % mass 174 2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	V5STD050	1400	2060727P/G6613	07/27/06	2141
2.	V5STD050APP9	1400	2060727P/G6614	07/27/06	2213
3.	LCS395128	395128	2060727P/G6615	07/27/06	2237
4.	LCSD395129	395129	2060727P/G6616	07/27/06	2302
5.	MB395127	395127	2060727P/G6618	07/27/06	2353
6.	SF4SB46-092-(1-2)	20607200611	2060727P/G6629	07/28/06	0455
7.	SG4SB56-112-(1-2)	20607200612	2060727P/G6630	07/28/06	0520

FORM V VOA

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID (Standard): 2060721P/V4434

Date Analyzed: 07/21/06

Instrument ID: MSV4

Time: 2108

GC Column: DB-624-30M ID: .53 (mm)

Heated Purge: (Y/N) Y

Analytical Batch: 328554

	IS 1 Area	RT	IS 2 Area	RT	IS 3 Area	RT
STANDARD	203976	9.14	163703	11.13	505423	6.37

EPA Sample		#		#		#		#		#		#
1 . LCS393134	188826		9.14		138239		11.13		451073		6.36	
2 . LCSD393135	188432		9.13		137571		11.13		469578		6.37	
3 . MB393133	170675		9.14		118736		11.13		450024		6.37	
4 . SH4SB64-128-(1-2)	288432		9.17		197046		11.16		745501		6.4	
5 . SF4SB46-092-(1-2)	204053		9.16		126007		11.15		594495		6.39	

IS 1 ID : Chlorobenzene-d5
IS 2 ID : 1,4-Dichlorobenzene-d4
IS 3 ID : Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RTLOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk
* Value outside of QC limits

FORM V III VOA

188026

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID (Standard): 2060722Q/V4472

Date Analyzed: 07/22/06

Instrument ID: MSV4

Time: 1410

GC Column: DB-624-30M ID: .53 (mm)

Heated Purge: (Y/N) Y

Analytical Batch: 328585

	IS 1 Area		IS 1 RT		IS 2 Area		IS 2 RT		IS 3 Area		IS 3 RT	
STANDARD	238217		9.14		191974		11.13		596170		6.37	
EPA Sample		#		#		#		#		#		#
1. LCS393347	228685		9.14		176833		11.14		556622		6.38	
2. LCSD393348	225246		9.14		169445		11.14		547912		6.37	
3. MB393346	194289		9.14		139615		11.14		511665		6.37	
4. SI5SB74-148-(1-2)	193906		9.14		128909		11.13		520445		6.37	
5. SE3SB39-078-(1-2)	204396		9.14		142830		11.13		545874		6.38	
6. SH5SB66-132-(1-2)	198351		9.14		131840		11.13		556720		6.37	

IS 1 ID : Chlorobenzene-d5
IS 2 ID : 1,4-Dichlorobenzene-d4
IS 3 ID : Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RTLOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk
* Value outside of QC limits

FORM V III VOA

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID (Standard): 2060723/V4507

Date Analyzed: 07/23/06

Instrument ID: MSV4

Time: 0654

GC Column: DB-624-30M ID: .53 (mm)

Heated Purge: (Y/N) Y

Analytical Batch: 328605

		IS 1 Area		RT		IS 2 Area		RT		IS 3 Area		RT	
	STANDARD	178272		9.15		141099		11.14		455130		6.38	
	EPA Sample		#		#		#		#		#		#
1.	LCS393394	192567		9.14		140835		11.13		472895		6.37	
2.	LCSD393395	169217		9.14		123807		11.13		412858		6.37	
3.	MB393393	167331		9.14		115102		11.13		436506		6.38	
4.	SF3SB45-090-(1-2)	143819		9.14		83565		11.13		422781		6.36	
5.	SF3SB45-090-(1-2)MS	197988		9.14		140467		11.13		483906		6.37	
6.	SF3SB45-090-(1-2)MSD	141596		9.14		86814		11.13		368899		6.37	

IS 1 ID : Chlorobenzene-d5
IS 2 ID : 1,4-Dichlorobenzene-d4
IS 3 ID : Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RTLOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk
* Value outside of QC limits

FORM V III VOA

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID (Standard): 2060721Q/G6350

Date Analyzed: 07/21/06

Instrument ID: MSV5

Time: 2221

GC Column: DB-VRX-30 ID: .53 (mm)

Heated Purge: (Y/N) N

Analytical Batch: 328555

	IS 1 Area		IS 1 RT		IS 2 Area		IS 2 RT		IS 3 Area		IS 3 RT	
STANDARD	396120		7.62		348064		9.2		878005		5.44	
EPA Sample		#		#		#		#		#		#
1. LCS393137	363928		7.63		322974		9.2		843443		5.45	
2. MB393136	329593		7.62		277289		9.2		754518		5.45	
3. COC1104-TB	347610		7.63		300418		9.2		747052		5.45	
4. FB-503	318068		7.63		259610		9.2		708310		5.44	
5. COC1106-TB	332379		7.63		267248		9.2		756656		5.45	

IS 1 ID : Chlorobenzene-d5
IS 2 ID : 1,4-Dichlorobenzene-d4
IS 3 ID : Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RTLOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk
* Value outside of QC limits

FORM V III VOA

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID (Standard): 2060727P/G6613

Date Analyzed: 07/27/06

Instrument ID: MSV5

Time: 2141

GC Column: DB-VRX-30 ID: .53 (mm)

Heated Purge: (Y/N) N

Analytical Batch: 328954

	IS 1 Area	RT	IS 2 Area	RT	IS 3 Area	RT
STANDARD	298130	7.62	262593	9.2	658540	5.44
EPA Sample	#	#	#	#	#	#
1 . LCS395128	315536	7.62	259897	9.2	699749	5.44
2 . LCSD395129	303937	7.62	253901	9.19	686589	5.44
3 . MB395127	297457	7.62	233866	9.2	656341	5.44
4 . SF4SB46-092-(1-2)	279479	7.62	231689	9.2	656922	5.44
5 . SG4SB56-112-(1-2)	305107	7.62	263014	9.19	701095	5.43

IS 1 ID : Chlorobenzene-d5
IS 2 ID : 1,4-Dichlorobenzene-d4
IS 3 ID : Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RTLOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk
* Value outside of QC limits

FORM V III VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SF3SB45-090-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.77 (g/ml) g

Lab Sample ID: 20607200602

Level: (low/med) LOW

Lab File ID: 2060723/V4521

% Moisture: not dec. 24.6

Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/23/06 Time: 1245

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	4.89	U	0.172	4.89
71-55-6	1,1,1-Trichloroethane	4.89	U	0.120	4.89
79-34-5	1,1,2,2-Tetrachloroethane	4.89	U	0.176	4.89
79-00-5	1,1,2-Trichloroethane	4.89	U	0.112	4.89
75-34-3	1,1-Dichloroethane	4.89	U	0.156	4.89
75-35-4	1,1-Dichloroethene	4.89	U	0.351	4.89
563-58-6	1,1-Dichloropropene	4.89	U	0.127	4.89
96-18-4	1,2,3-Trichloropropane	1.96	U	0.240	1.96
120-82-1	1,2,4-Trichlorobenzene	4.89	U	0.320	4.89
95-63-6	1,2,4-Trimethylbenzene	4.89	U	0.194	4.89
96-12-8	1,2-Dibromo-3-chloropropane	4.89	U	0.848	4.89
106-93-4	1,2-Dibromoethane	4.89	U	0.147	4.89
95-50-1	1,2-Dichlorobenzene	4.89	U	0.112	4.89
107-06-2	1,2-Dichloroethane	4.89	U	0.112	4.89
78-87-5	1,2-Dichloropropane	4.89	U	0.110	4.89
108-67-8	1,3,5-Trimethylbenzene	4.89	U	0.160	4.89
541-73-1	1,3-Dichlorobenzene	4.89	U	0.231	4.89
142-28-9	1,3-Dichloropropane	4.89	U	0.133	4.89
106-46-7	1,4-Dichlorobenzene	4.89	U	0.412	4.89
594-20-7	2,2-Dichloropropane	4.89	U	0.172	4.89
78-93-3	2-Butanone	4.35	JB	0.305	4.89
110-75-8	2-Chloroethylvinyl ether	4.89	U	2.06	4.89
95-49-8	2-Chlorotoluene	4.89	U	0.147	4.89
591-78-6	2-Hexanone	4.89	U	0.809	4.89
106-43-4	4-Chlorotoluene	4.89	U	0.318	4.89
99-87-6	4-Isopropyltoluene	4.89	U	0.158	4.89
108-10-1	4-Methyl-2-pentanone	4.89	U	0.169	4.89
67-64-1	Acetone	55.9	B	0.366	24.5
107-02-8	Acrolein	24.5	U	2.29	24.5
107-13-1	Acrylonitrile	24.5	U	0.697	24.5
71-43-2	Benzene	2.65	J	0.102	4.89

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SF3SB45-090-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.77 (g/ml) g

Lab Sample ID: 20607200602

Level: (low/med) LOW

Lab File ID: 2060723/V4521

% Moisture: not dec. 24.6

Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/23/06 Time: 1245

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: *ug/kg*

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	4.89	U	0.230	4.89
75-27-4	Bromodichloromethane	4.89	U	0.132	4.89
75-25-2	Bromoform	4.89	U	0.165	4.89
74-83-9	Bromomethane	4.89	U	1.47	4.89
104-51-8	n-Butylbenzene	4.89	U	0.174	4.89
75-15-0	Carbon disulfide	4.89	U	0.107	4.89
56-23-5	Carbon tetrachloride	4.89	U	0.117	4.89
108-90-7	Chlorobenzene	4.89	U	0.162	4.89
75-00-3	Chloroethane	4.89	U	0.593	4.89
67-66-3	Chloroform	4.89	U	0.138	4.89
74-87-3	Chloromethane	4.89	U	0.454	4.89
110-82-7	Cyclohexane	4.89	U	1.08	4.89
124-48-1	Dibromochloromethane	4.89	U	0.088	4.89
74-95-3	Dibromomethane	4.89	U	0.153	4.89
75-71-8	Dichlorodifluoromethane	4.89	U	0.356	4.89
10061-01-5	cis-1,3-Dichloropropene	4.89	U	0.113	4.89
10061-02-6	trans-1,3-Dichloropropene	4.89	U	0.138	4.89
100-41-4	Ethylbenzene	4.89	U	0.203	4.89
87-68-3	Hexachlorobutadiene	4.89	U	1.22	4.89
98-82-8	Isopropylbenzene (Cumene)	4.89	U	0.150	4.89
79-20-9	Methyl Acetate	4.89	U	1.50	4.89
74-88-4	Methyl iodide	4.89	U	0.887	4.89
108-87-2	Methylcyclohexane	4.89	U	0.362	4.89
75-09-2	Methylene chloride	9.79	U	0.469	9.79
91-20-3	Naphthalene	4.89	U	0.368	4.89
100-42-5	Styrene	4.89	U	0.149	4.89
127-18-4	Tetrachloroethene	4.89	U	0.188	4.89
108-88-3	Toluene	3.37	J	0.538	4.89
79-01-6	Trichloroethene	4.89	U	0.173	4.89
75-69-4	Trichlorofluoromethane	4.89	U	0.247	4.89
76-13-1	Trichlorotrifluoroethane	4.89	U	0.184	4.89
108-05-4	Vinyl acetate	4.89	U	0.958	4.89

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SF3SB45-090-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.77 (g/ml) g Lab Sample ID: 20607200602

Level: (low/med) LOW Lab File ID: 2060723/V4521

% Moisture: not dec. 24.6 Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1245

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: *ug/kg* Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	4.89	U	0.344	4.89
1330-20-7	Xylene (total)	1.41	J	0.560	9.79
156-59-2	cis-1,2-Dichloroethene	4.89	U	0.123	4.89
136777-61-	m,p-Xylene	0.964	J	0.390	4.89
71-36-3	n-Butyl alcohol	31.3		0.979	24.5
103-65-1	n-Propylbenzene	4.89	U	0.137	4.89
95-47-6	o-Xylene	0.436	J	0.170	4.89
135-98-8	sec-Butylbenzene	4.89	U	0.115	4.89
1634-04-4	tert-Butyl methyl ether (MTBE)	4.89	U	0.072	4.89
98-06-6	tert-Butylbenzene	4.89	U	0.247	4.89
156-60-5	trans-1,2-Dichloroethene	4.89	U	0.161	4.89
110-57-6	trans-1,4-Dichloro-2-butene	4.89	U	0.706	4.89

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4521.d
Lab Smp Id: 20607200602 Client Smp ID: SF3SB45-090-(1-2)
Inj Date : 23-JUL-2006 12:45
Operator : RSS Inst ID: msv4.i
Smp Info : 20607200602*SF3SB45-090-(1-2)
Misc Info : MSV~8738~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 23-Jul-2006 11:10 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.77000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
17 Acetone	43	3.541	3.588	(0.556)	109198	57.1003	42.2	6525
$ 44 Dibromofluoromethane	111	5.563	5.578	(0.874)	155008	53.2964	39.4	2957
46 2-Butanone	43	5.711	5.731	(0.897)	33046	4.44343	3.28	
53 Benzene	78	5.959	5.969	(0.936)	22657	2.71237	2.00	8402
$ 54 1,2-Dichloroethane-d4	67	6.096	6.106	(0.958)	96363	48.8319	36.1	9455
* 58 FLUOROBENZENE	96	6.365	6.380	(1.000)	422781	50.0000		9353
$ 76 Toluene-d8	98	7.801	7.811	(0.854)	391434	69.9616	51.7	9258(R)
77 Toluene +	91	7.843	7.858	(0.858)	22574	3.43734	2.54	7581
* 90 Chlorobenzene-d5	82	9.136	9.146	(1.000)	143819	50.0000		8833
95 p,m-Xylene	106	9.289	9.299	(1.017)	2618	0.98478	0.727	7451
96 o-Xylene	106	9.659	9.669	(1.057)	1166	0.44595	0.329	
$ 103 Bromofluorobenzene	174	10.171	10.181	(1.113)	97770	51.0875	37.7	8664
* 121 1,4-DICHLOROBENZENE-D4	152	11.131	11.136	(1.000)	83565	50.0000		8767

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
M 124 TOTAL XYLENE	106				3784	1.43072	1.06	0
68 N-Butyl Alcohol	56	6.903	7.041	(1.085)	17533	31.9253	23.6	7539

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/msv4.i/2060723.s.b/v4521.d

Page 1

Date : 23-JUL-2006 12:45

Client ID: SF3SB45-090-(1-2)

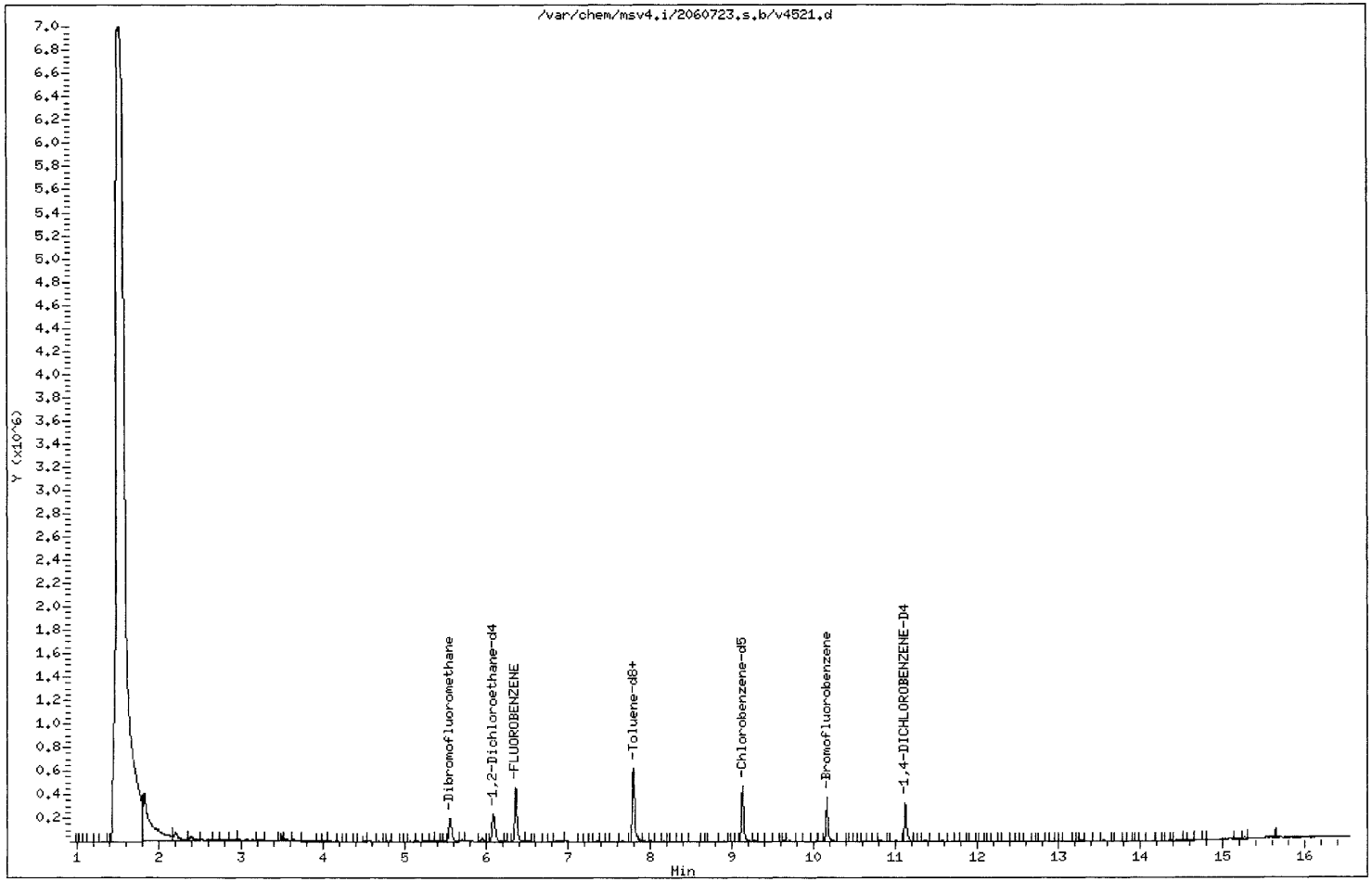
Instrument: msv4.i

Sample Info: 20607200602*SF3SB45-090-(1-2)

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



188036

Data File: /var/chem/msv4.i/2060723.s.b/v4521.d

Date : 23-JUL-2006 12:45

Client ID: SF3SB45-090-(1-2)

Instrument: msv4.i

Sample Info: 20607200602*SF3SB45-090-(1-2)

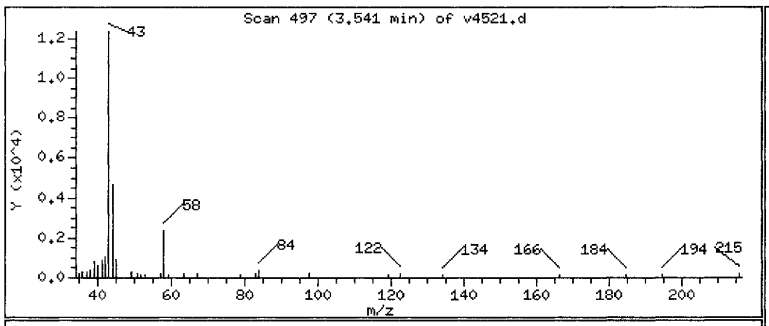
Operator: RSS

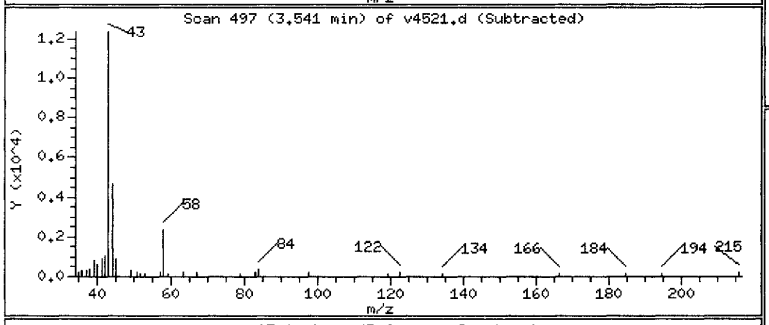
Column phase: DB-624-30M

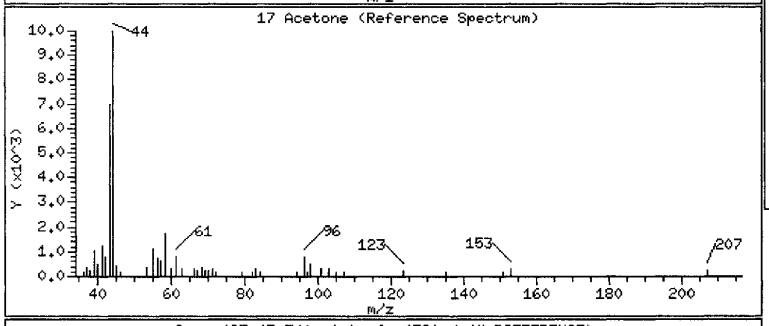
Column diameter: 0.53

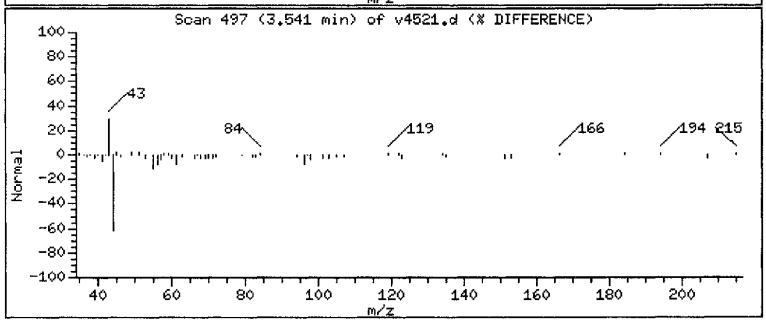
17 Acetone

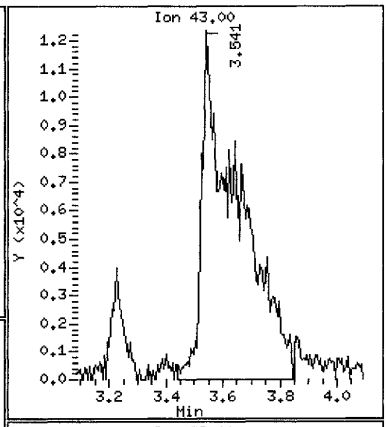
Concentration: 42.2 ug/Kg

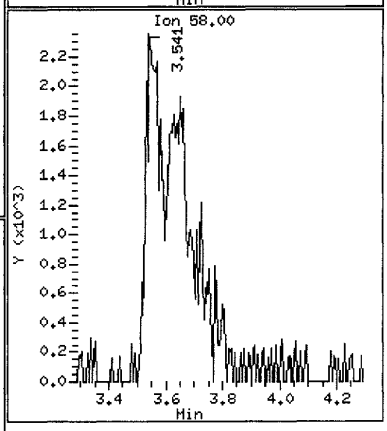












Data File: /var/chem/msv4.i/2060723.s.b/v4521.d

Date : 23-JUL-2006 12:45

Client ID: SF3SB45-090-(1-2)

Instrument: msv4.i

Sample Info: 20607200602*SF3SB45-090-(1-2)

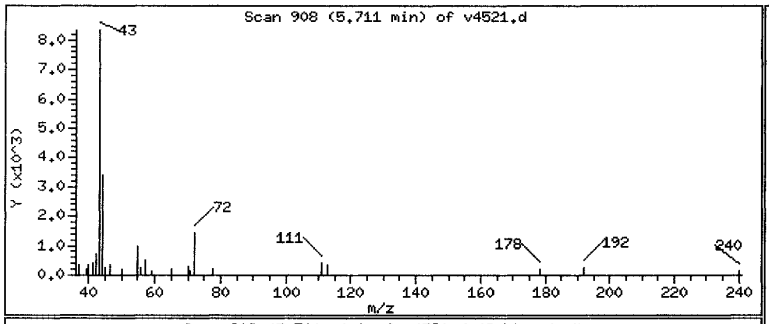
Operator: RSS

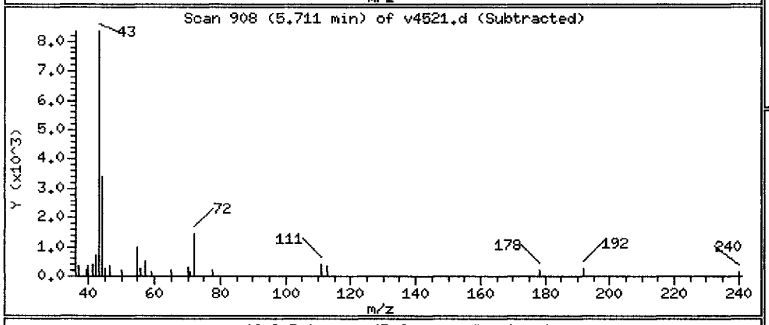
Column phase: DB-624-30M

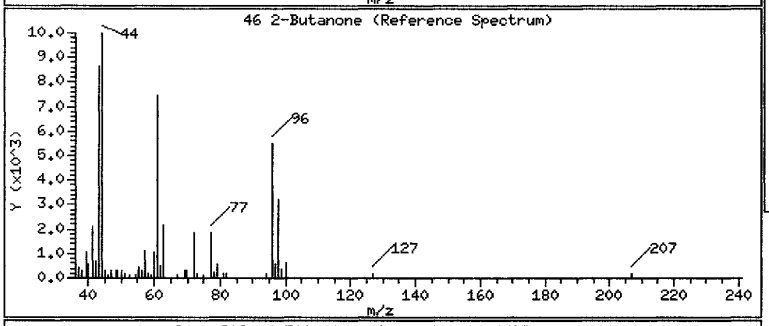
Column diameter: 0.53

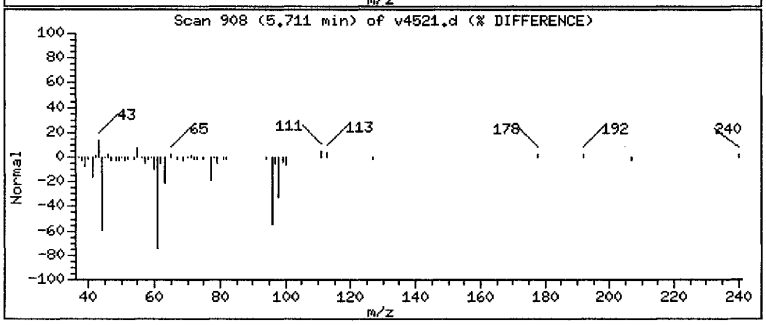
46 2-Butanone

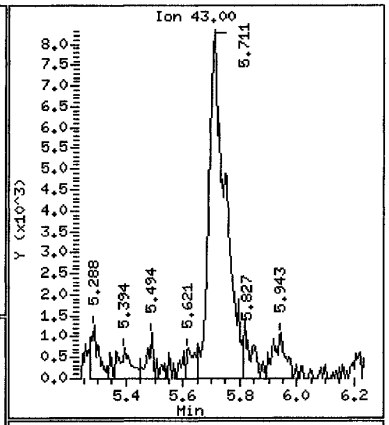
Concentration: 3.28 ug/Kg

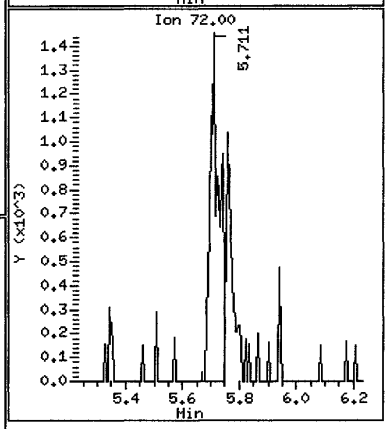












188038

Data File: /var/chem/msv4.i/2060723.s.b/v4521.d

Date : 23-JUL-2006 12:45

Client ID: SF3SB45-090-(1-2)

Instrument: msv4.i

Sample Info: 20607200602*SF3SB45-090-(1-2)

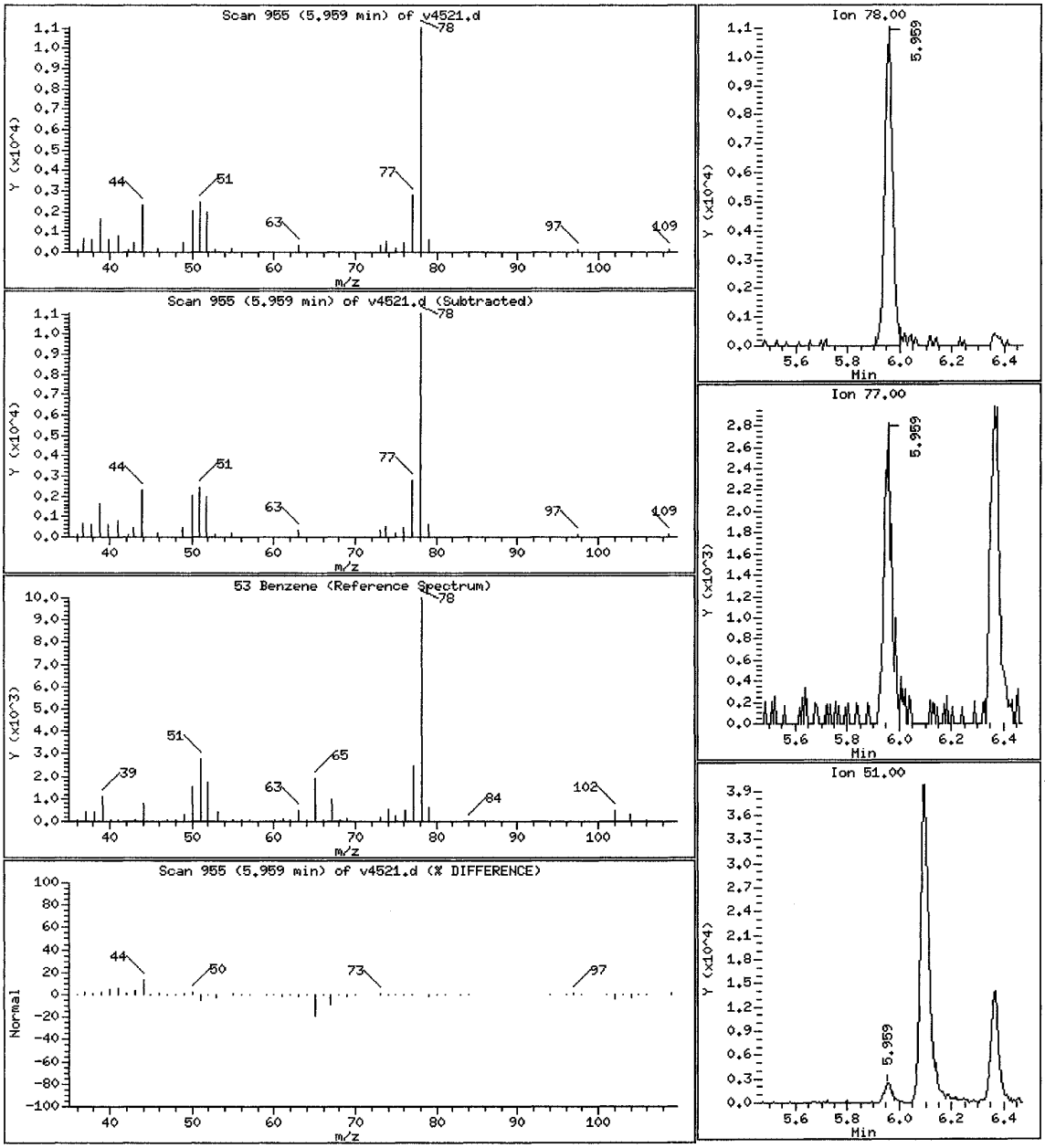
Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

53 Benzene

Concentration: 2.00 ug/Kg



188039

Data File: /var/chem/msv4.i/2060723.s.b/v4521.d

Date : 23-JUL-2006 12:45

Client ID: SF3SB45-090-(1-2)

Instrument: msv4.i

Sample Info: 20607200602*SF3SB45-090-(1-2)

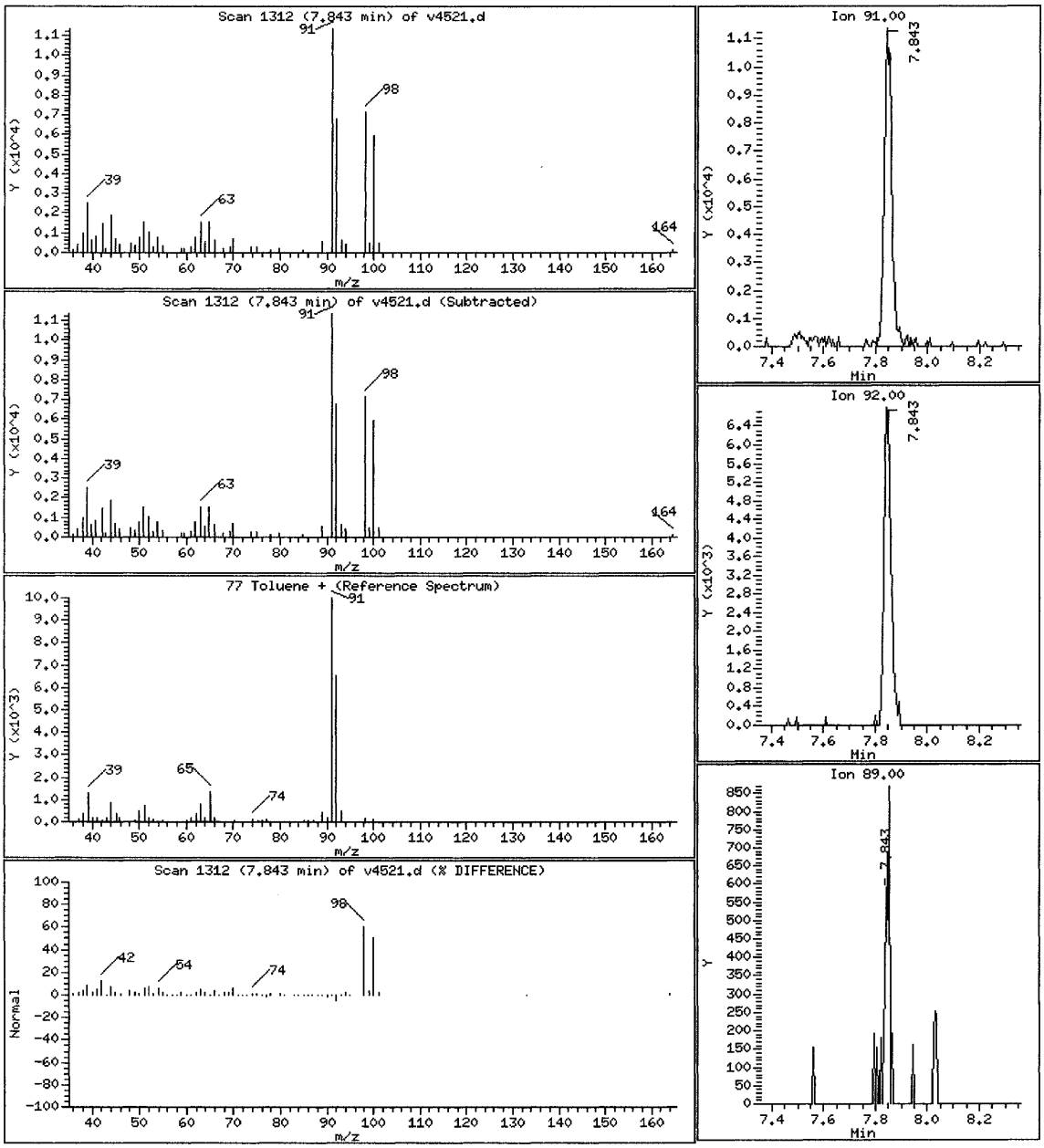
Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

77 Toluene +

Concentration: 2.54 ug/Kg



188040

Data File: /var/chem/msv4.i/2060723.s.b/v4521.d

Date : 23-JUL-2006 12:45

Client ID: SF3SB45-090-(1-2)

Instrument: msv4.i

Sample Info: 20607200602*SF3SB45-090-(1-2)

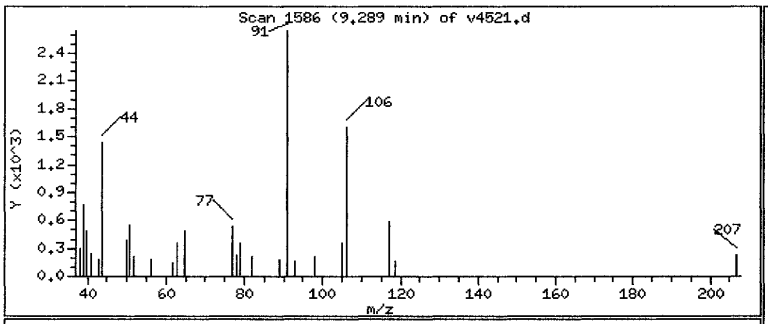
Operator: RSS

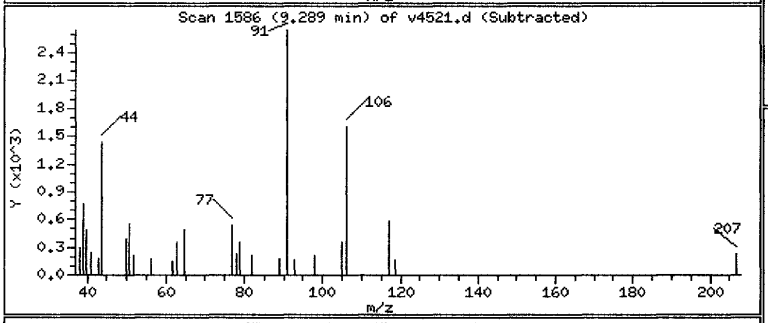
Column phase: DB-624-30M

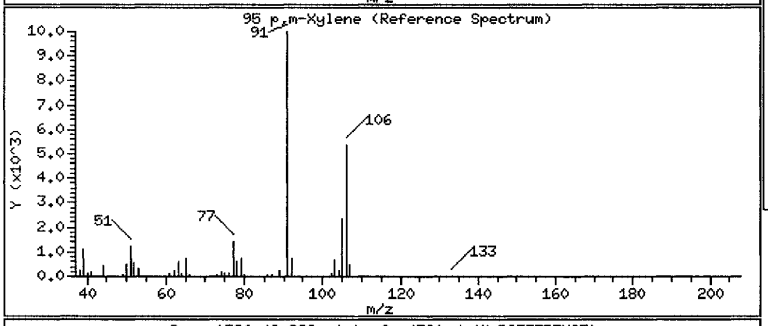
Column diameter: 0.53

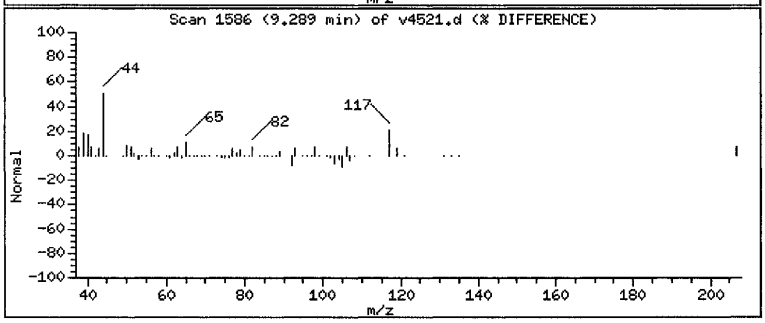
95 p,m-Xylene

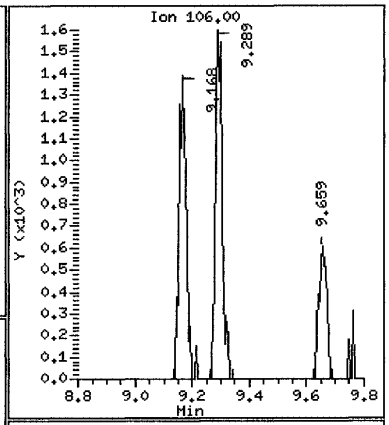
Concentration: 0.727 ug/Kg

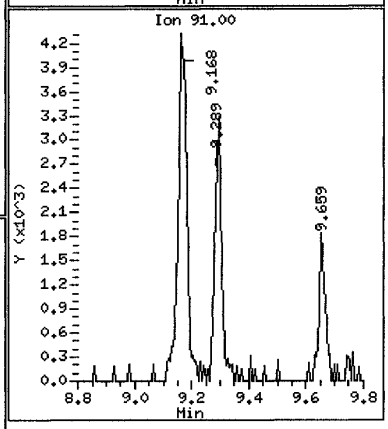












188041

Data File: /var/chem/msv4.i/2060723.s.b/v4521.d

Date : 23-JUL-2006 12:45

Client ID: SF3SB45-090-(1-2)

Instrument: msv4.i

Sample Info: 20607200602*SF3SB45-090-(1-2)

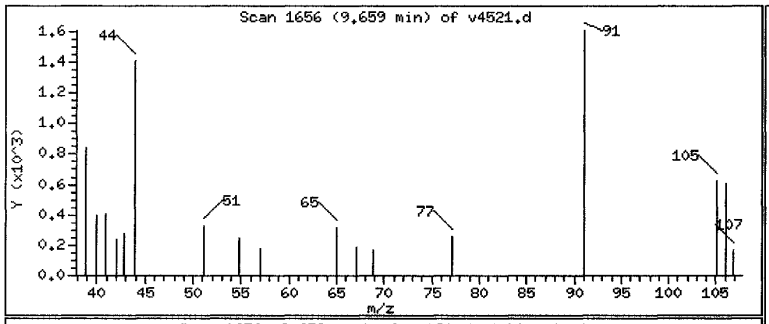
Operator: RSS

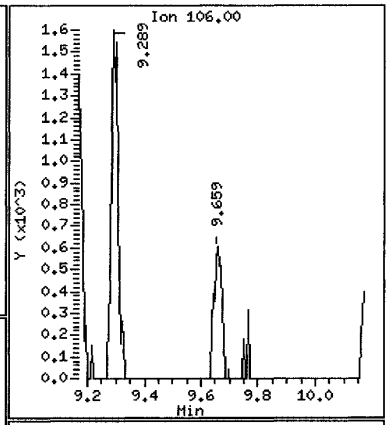
Column phase: DB-624-30M

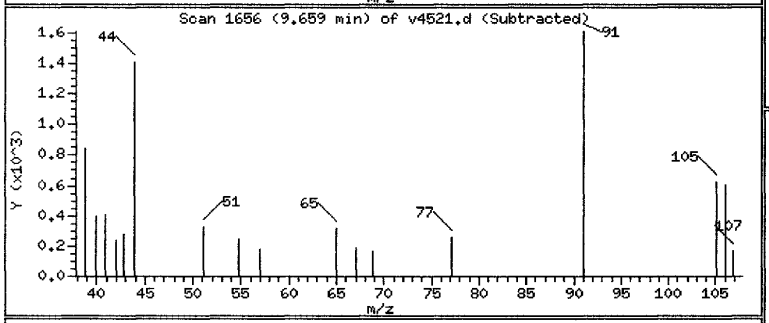
Column diameter: 0.53

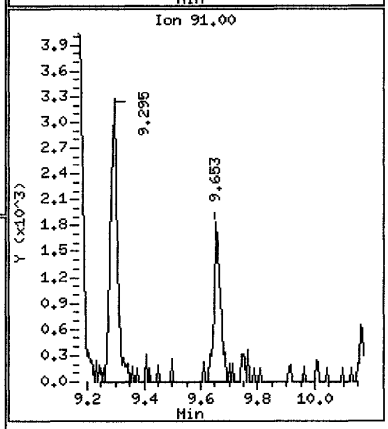
96 o-Xylene

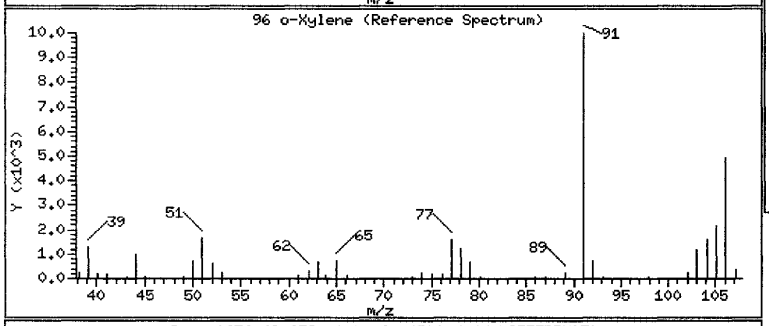
Concentration: 0.329 ug/Kg

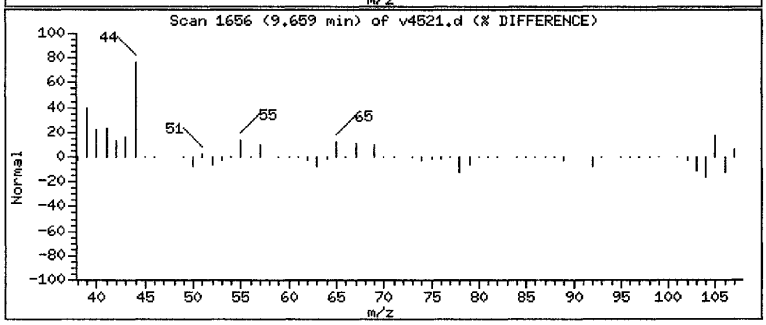












188042

Data File: /var/chem/msv4.i/2060723.s.b/v4521.d

Date : 23-JUL-2006 12:45

Client ID: SF3SB45-090-(1-2)

Instrument: msv4.i

Sample Info: 20607200602*SF3SB45-090-(1-2)

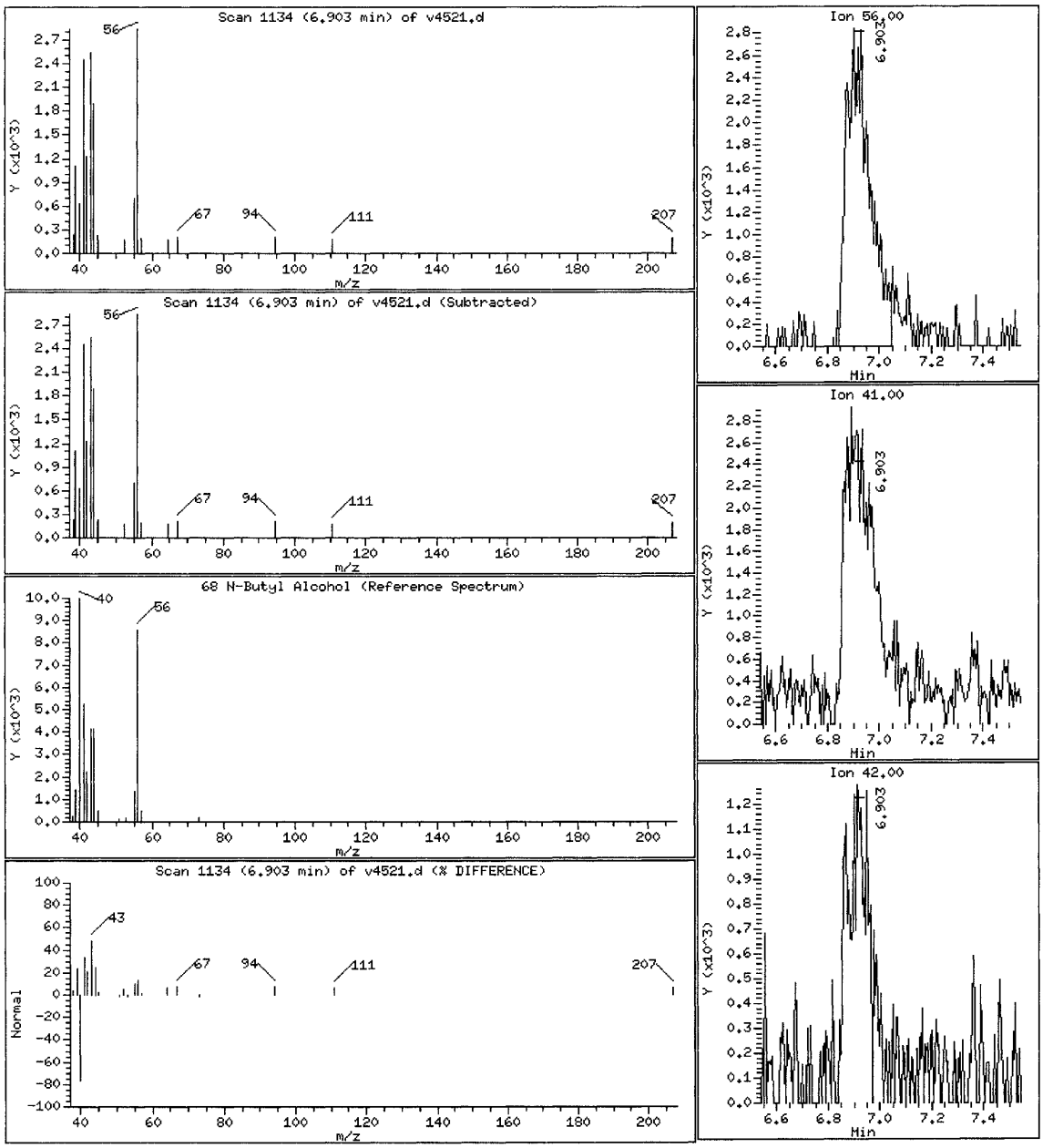
Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

68 N-Butyl Alcohol

Concentration: 23.6 ug/Kg

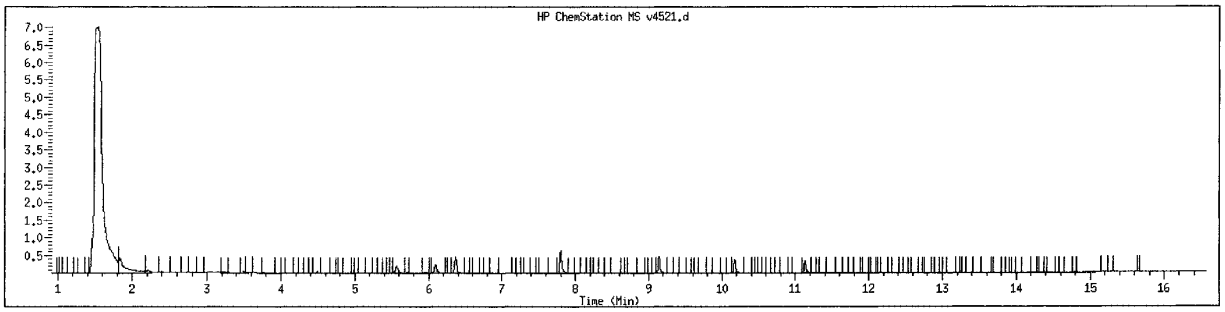


188043

Data file : /var/chem/msv4.i/2060723.s.b/v4521.d Page: 1
Report Date: 07/23/2006 13:23

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200602 SampleType : SAMPLE
Injection Date: 23-JUL-2006 12:45 Instrument : msv4.i
Operator : RSS
Sample Info : 20607200602*SF3SB45-090-(1-2)
Misc Info : MSV~8738~*1*RSS
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b+nbutyl-ol



NO MANUAL INTEGRATIONS

188044

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SI5SB74-148-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g Lab Sample ID: 20607200606

Level: (low/med) LOW Lab File ID: 2060722Q/V4487

% Moisture: not dec. 13.2 Date Collected: 07/18/06 Time: 1735

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 2037

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	4.41	U	0.155	4.41
71-55-6	1,1,1-Trichloroethane	4.41	U	0.109	4.41
79-34-5	1,1,2,2-Tetrachloroethane	4.41	U	0.159	4.41
79-00-5	1,1,2-Trichloroethane	4.41	U	0.101	4.41
75-34-3	1,1-Dichloroethane	4.41	U	0.140	4.41
75-35-4	1,1-Dichloroethene	4.41	U	0.317	4.41
563-58-6	1,1-Dichloropropene	4.41	U	0.115	4.41
96-18-4	1,2,3-Trichloropropane	1.76	U	0.216	1.76
120-82-1	1,2,4-Trichlorobenzene	4.41	U	0.289	4.41
95-63-6	1,2,4-Trimethylbenzene	4.41	U	0.175	4.41
96-12-8	1,2-Dibromo-3-chloropropane	4.41	U	0.764	4.41
106-93-4	1,2-Dibromoethane	4.41	U	0.132	4.41
95-50-1	1,2-Dichlorobenzene	4.41	U	0.101	4.41
107-06-2	1,2-Dichloroethane	4.41	U	0.101	4.41
78-87-5	1,2-Dichloropropane	4.41	U	0.099	4.41
108-67-8	1,3,5-Trimethylbenzene	4.41	U	0.144	4.41
541-73-1	1,3-Dichlorobenzene	4.41	U	0.208	4.41
142-28-9	1,3-Dichloropropane	4.41	U	0.120	4.41
106-46-7	1,4-Dichlorobenzene	4.41	U	0.372	4.41
594-20-7	2,2-Dichloropropane	4.41	U	0.155	4.41
78-93-3	2-Butanone	2.84	JB	0.275	4.41
110-75-8	2-Chloroethylvinyl ether	4.41	U	1.86	4.41
95-49-8	2-Chlorotoluene	4.41	U	0.132	4.41
591-78-6	2-Hexanone	4.41	U	0.729	4.41
106-43-4	4-Chlorotoluene	4.41	U	0.287	4.41
99-87-6	4-Isopropyltoluene	4.41	U	0.142	4.41
108-10-1	4-Methyl-2-pentanone	4.41	U	0.153	4.41
67-64-1	Acetone	22.1	U	0.330	22.1
107-02-8	Acrolein	22.1	U	2.07	22.1
107-13-1	Acrylonitrile	22.1	U	0.628	22.1
71-43-2	Benzene	4.84		0.092	4.41

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SI5SB74-148-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g

Lab Sample ID: 20607200606

Level: (low/med) LOW

Lab File ID: 2060722Q/V4487

% Moisture: not dec. 13.2

Date Collected: 07/18/06 Time: 1735

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 2037

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: *ug/kg*

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	4.41	U	0.207	4.41
75-27-4	Bromodichloromethane	4.41	U	0.119	4.41
75-25-2	Bromoform	4.41	U	0.149	4.41
74-83-9	Bromomethane	4.41	U	1.33	4.41
104-51-8	n-Butylbenzene	4.41	U	0.157	4.41
75-15-0	Carbon disulfide	4.41	U	0.096	4.41
56-23-5	Carbon tetrachloride	4.41	U	0.106	4.41
108-90-7	Chlorobenzene	4.41	U	0.146	4.41
75-00-3	Chloroethane	4.41	U	0.535	4.41
67-66-3	Chloroform	4.41	U	0.124	4.41
74-87-3	Chloromethane	4.41	U	0.409	4.41
110-82-7	Cyclohexane	1.49	J	0.976	4.41
124-48-1	Dibromochloromethane	4.41	U	0.079	4.41
74-95-3	Dibromomethane	4.41	U	0.138	4.41
75-71-8	Dichlorodifluoromethane	4.41	U	0.321	4.41
10061-01-5	cis-1,3-Dichloropropene	4.41	U	0.101	4.41
10061-02-6	trans-1,3-Dichloropropene	4.41	U	0.124	4.41
100-41-4	Ethylbenzene	4.41	U	0.183	4.41
87-68-3	Hexachlorobutadiene	4.41	U	1.10	4.41
98-82-8	Isopropylbenzene (Cumene)	4.41	U	0.135	4.41
79-20-9	Methyl Acetate	4.41	U	1.35	4.41
74-88-4	Methyl iodide	4.41	U	0.800	4.41
108-87-2	Methylcyclohexane	2.11	J	0.327	4.41
75-09-2	Methylene chloride	0.889	JB	0.423	8.82
91-20-3	Naphthalene	4.41	U	0.332	4.41
100-42-5	Styrene	4.41	U	0.134	4.41
127-18-4	Tetrachloroethene	4.41	U	0.169	4.41
108-88-3	Toluene	5.91		0.485	4.41
79-01-6	Trichloroethene	4.41	U	0.156	4.41
75-69-4	Trichlorofluoromethane	4.41	U	0.222	4.41
76-13-1	Trichlorotrifluoroethane	4.41	U	0.166	4.41
108-05-4	Vinyl acetate	4.41	U	0.864	4.41

FORM I VOA

188046

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SI5SB74-148-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g Lab Sample ID: 20607200606

Level: (low/med) LOW Lab File ID: 2060722Q/V4487

% Moisture: not dec. 13.2 Date Collected: 07/18/06 Time: 1735

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 2037

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	4.41	U	0.310	4.41
1330-20-7	Xylene (total)	8.82	U	0.505	8.82
156-59-2	cis-1,2-Dichloroethene	4.41	U	0.111	4.41
136777-61-	m,p-Xylene	4.41	U	0.351	4.41
71-36-3	n-Butyl alcohol	22.1	U	0.882	22.1
103-65-1	n-Propylbenzene	4.41	U	0.124	4.41
95-47-6	o-Xylene	4.41	U	0.154	4.41
135-98-8	sec-Butylbenzene	4.41	U	0.103	4.41
1634-04-4	tert-Butyl methyl ether (MTBE)	4.41	U	0.065	4.41
98-06-6	tert-Butylbenzene	4.41	U	0.222	4.41
156-60-5	trans-1,2-Dichloroethene	4.41	U	0.145	4.41
110-57-6	trans-1,4-Dichloro-2-butene	4.41	U	0.636	4.41

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4487.d
Lab Smp Id: 20607200606 Client Smp ID: SI5SB74-148-(1-2)
Inj Date : 22-JUL-2006 20:37
Operator : KCB Inst ID: msv4.i
Smp Info : 20607200606*SI5SB74-148-(1-2)
Misc Info : MSV~8729~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:52 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.53000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
15 Methylene Chloride	49	3.494	3.494	(0.548)	5186	1.00710	0.771	4426
35 Cyclohexane	56	5.289	5.284	(0.830)	8090	1.69099	1.29	5295
$ 44 Dibromofluoromethane	111	5.569	5.569	(0.874)	191758	53.5596	41.0	3016
46 2-Butanone	43	5.716	5.711	(0.897)	29396	3.21091	2.46	
53 Benzene	78	5.965	5.959	(0.936)	56431	5.48788	4.20	8540
$ 54 1,2-Dichloroethane-d4	67	6.096	6.102	(0.957)	114956	47.3223	36.2	9330
* 58 FLUOROBENZENE	96	6.371	6.371	(1.000)	520445	50.0000		9495
59 Methyl cyclohexane	83	6.513	6.513	(1.022)	8988	2.38702	1.83	8296
$ 76 Toluene-d8	98	7.807	7.807	(0.854)	493765	65.4555	50.1	9291
77 Toluene +	91	7.849	7.849	(0.859)	59331	6.70070	5.13	8583
* 90 Chlorobenzene-d5	82	9.142	9.148	(1.000)	193906	50.0000		8991
$ 103 Bromofluorobenzene	174	10.171	10.177	(1.113)	138614	53.7206	41.1	8712
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.138	(1.000)	128909	50.0000		8794

000077

Data File: /var/chem/msv4.i/20607 22q.s.b/v4487.d

Page 1

Date : 22-JUL-2006 20:37

Client ID: SI5SB74-148-(1-2)

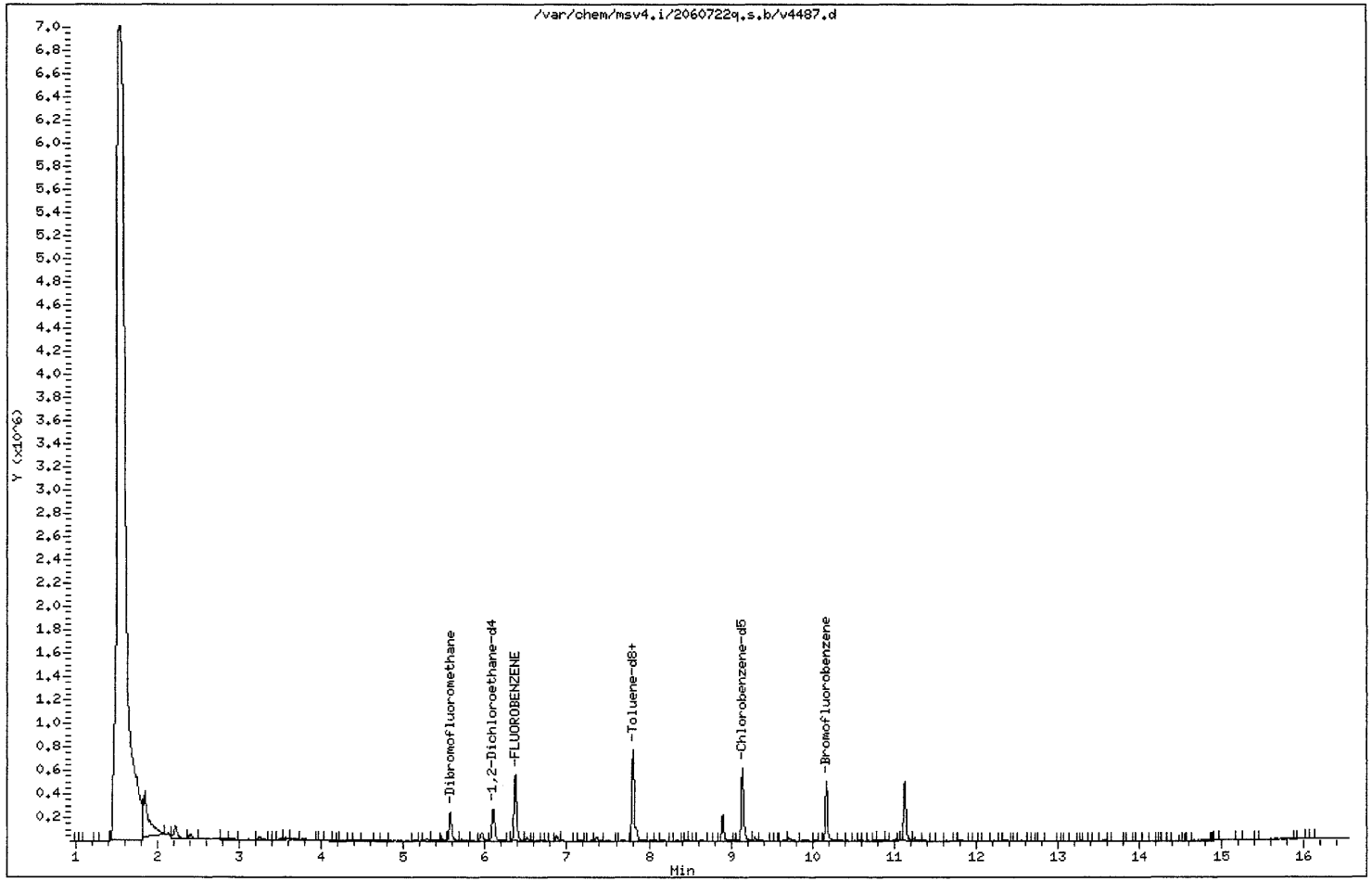
Instrument: msv4.i

Sample Info: 20607200606*SI5SB74-148-(1-2)

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53



188049

Data File: /var/chem/msv4.i/20607220q.s.b/v4487.d

Date : 22-JUL-2006 20:37

Client ID: SI5SB74-148-(1-2)

Instrument: msv4.i

Sample Info: 20607200606*SI5SB74-148-(1-2)

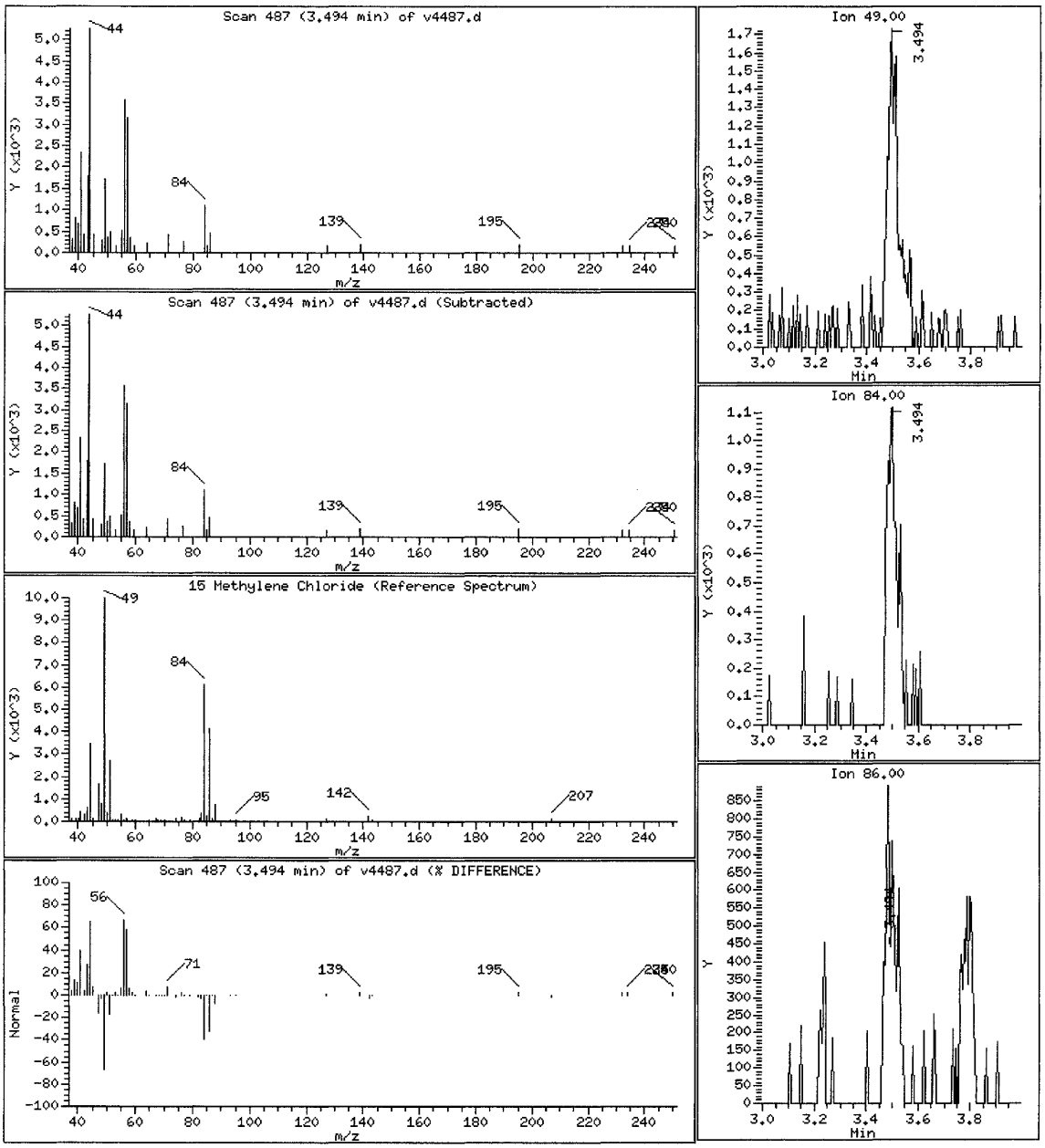
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

15 Methylene Chloride

Concentration: 0.771 ug/Kg



188050

Data File: /var/chem/msv4.i/20607220q.s.b/v4487.d

Date : 22-JUL-2006 20:37

Client ID: SI5SB74-148-(1-2)

Instrument: msv4.i

Sample Info: 20607200606*SI5SB74-148-(1-2)

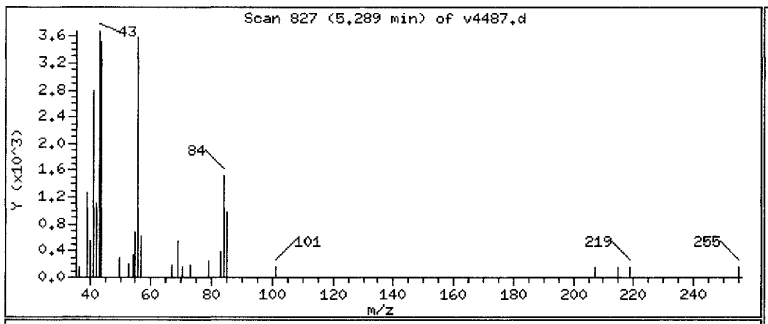
Operator: KCB

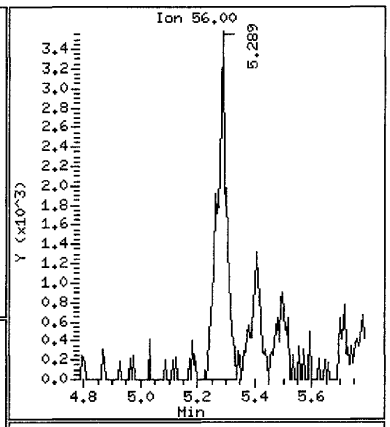
Column phase: DB-624-30M

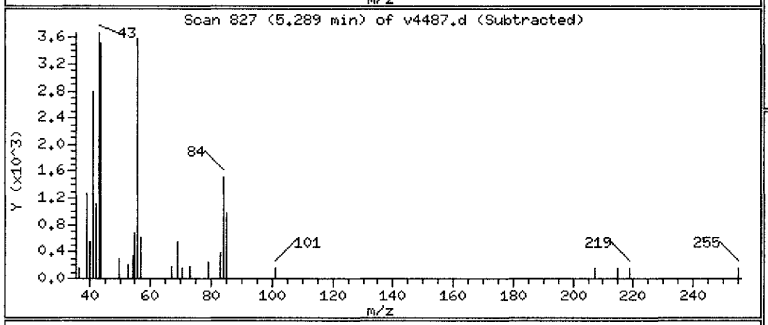
Column diameter: 0.53

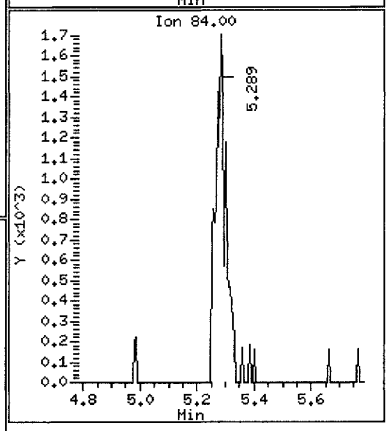
35 Cyclohexane

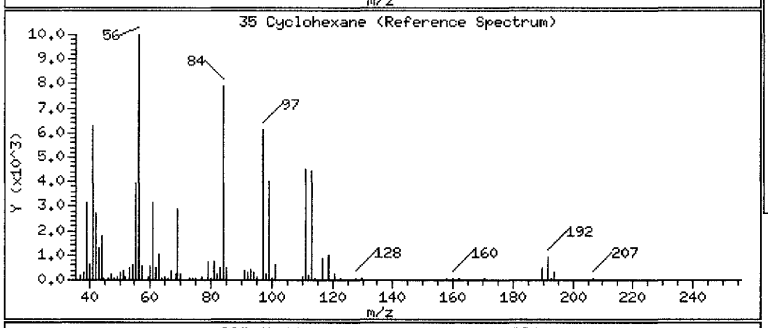
Concentration: 1.29 ug/Kg

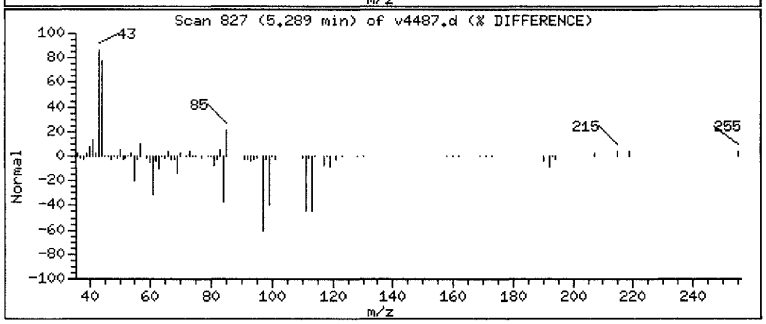












188051

Data File: /var/chem/msv4.i/20607220q.s.b/v4487.d

Date : 22-JUL-2006 20:37

Client ID: SI5SB74-148-(1-2)

Instrument: msv4.i

Sample Info: 20607200606*SI5SB74-148-(1-2)

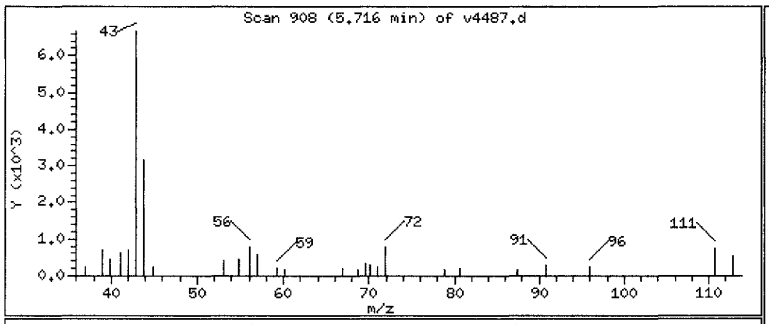
Operator: KCB

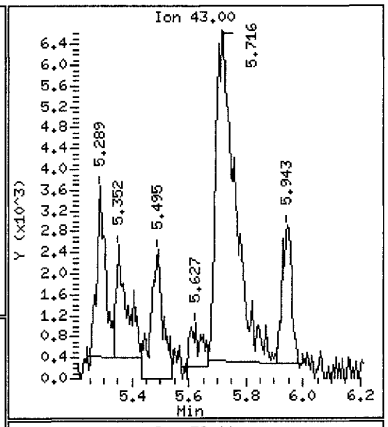
Column phase: DB-624-30M

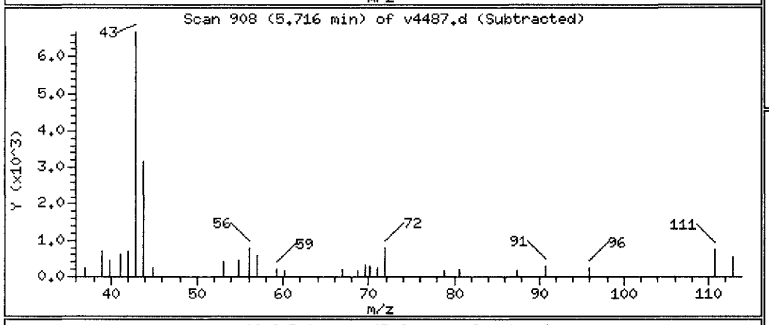
Column diameter: 0.53

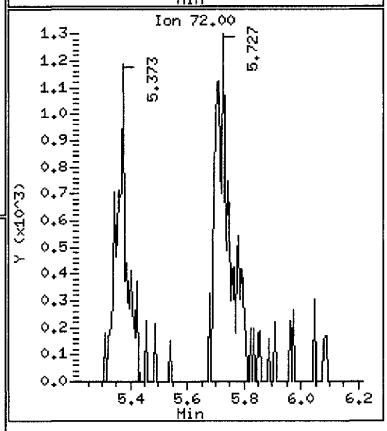
46 2-Butanone

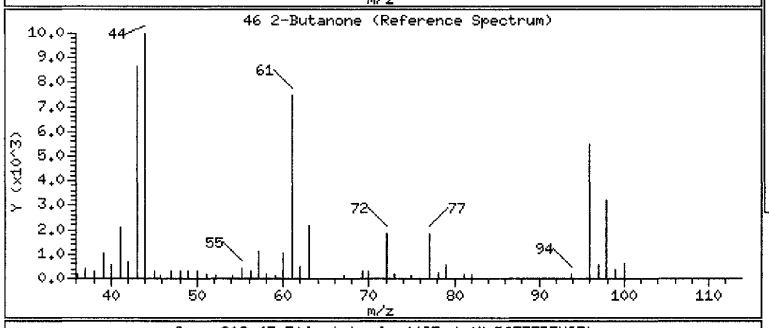
Concentration: 2.46 ug/Kg

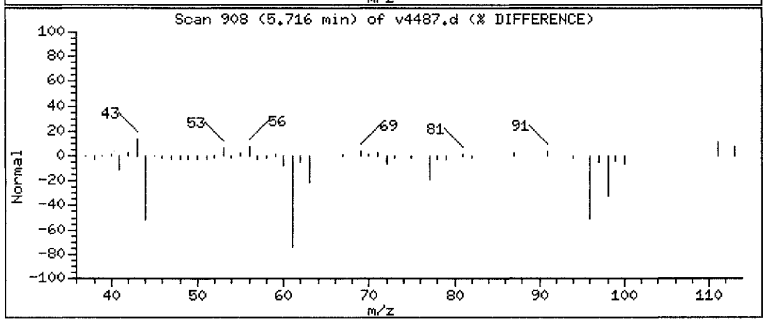












188052

Data File: /var/chem/msv4.i/20607220q.s.b/v4487.d

Date : 22-JUL-2006 20:37

Client ID: SI5SB74-148-(1-2)

Instrument: msv4.i

Sample Info: 20607200606*SI5SB74-148-(1-2)

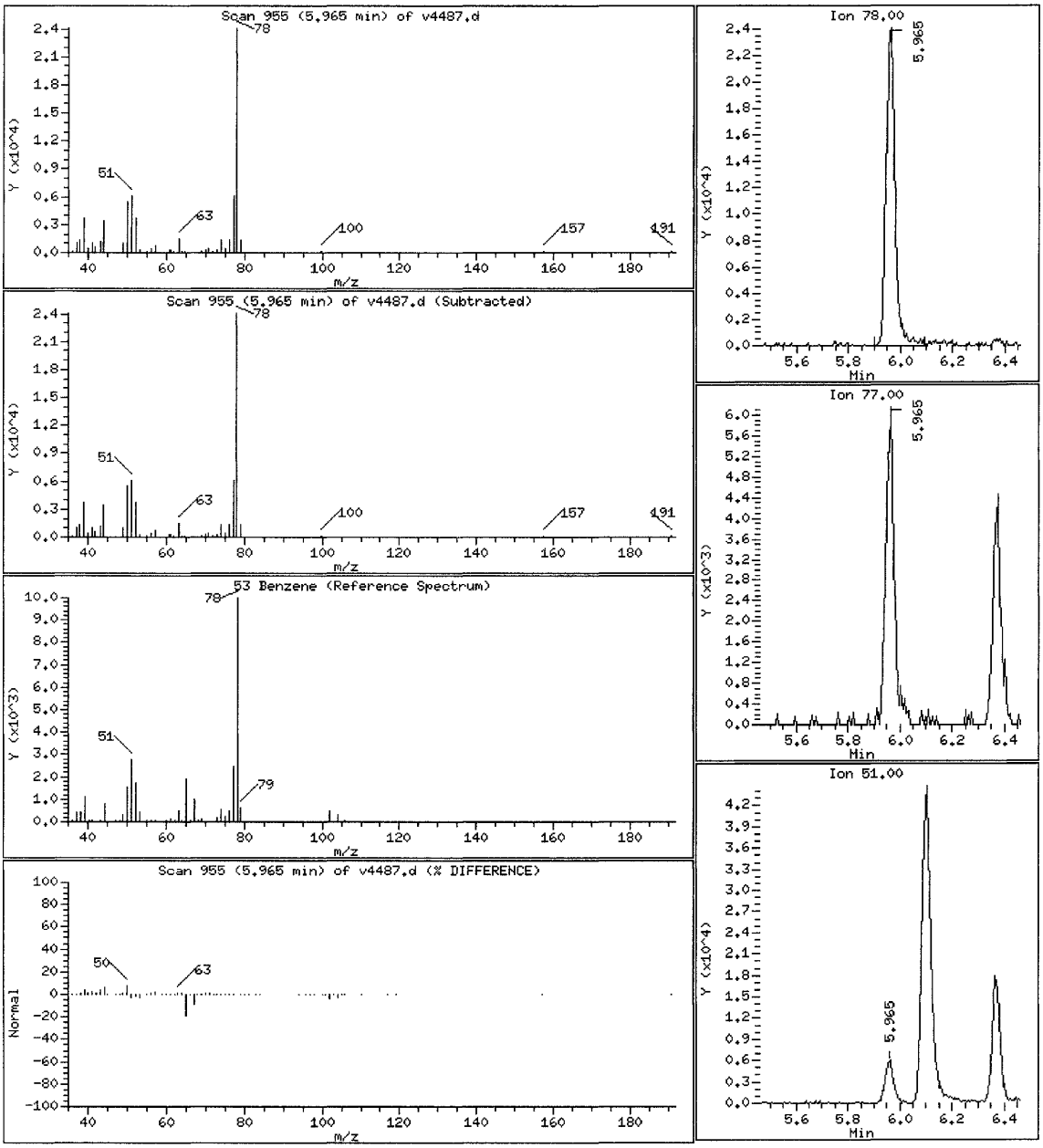
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

53 Benzene

Concentration: 4.20 ug/Kg



188053

Data File: /var/chem/msv4.i/2060722q.s.b/v4487.d

Date : 22-JUL-2006 20:37

Client ID: SI5SB74-148-(1-2)

Instrument: msv4.i

Sample Info: 20607200606*SI5SB74-148-(1-2)

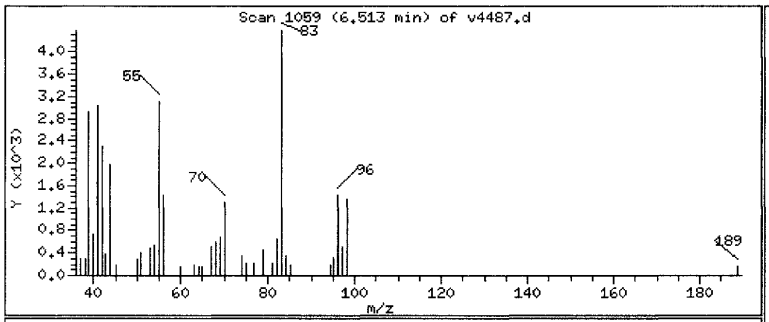
Operator: KCB

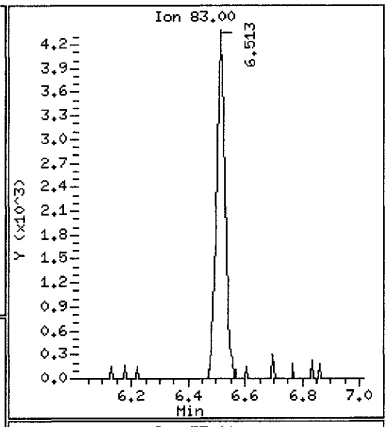
Column phase: DB-624-30M

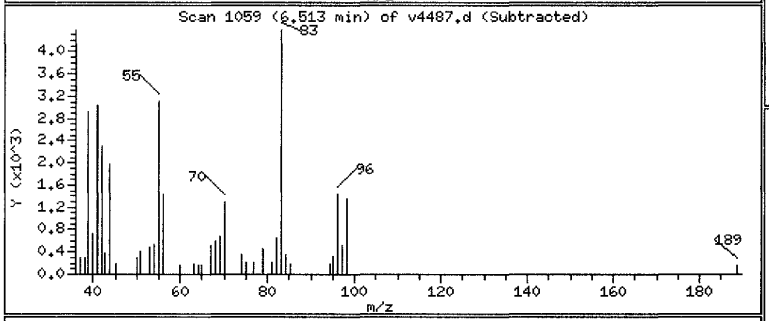
Column diameter: 0.53

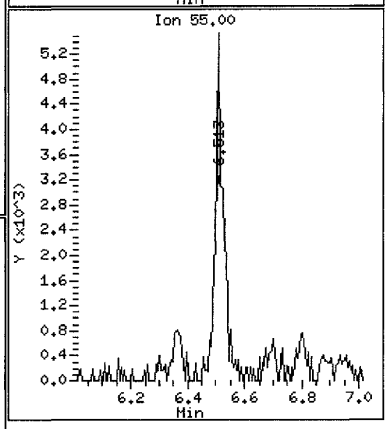
59 Methyl cyclohexane

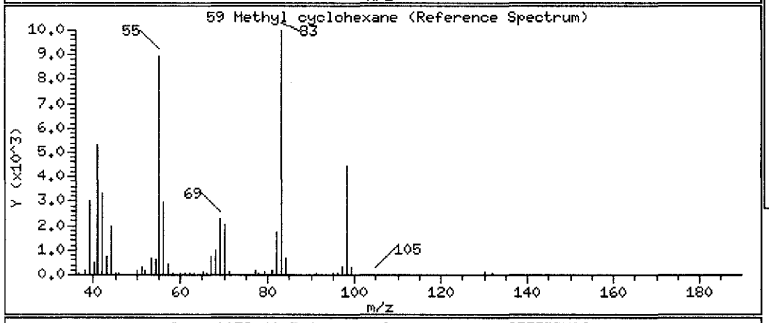
Concentration: 1.83 ug/Kg

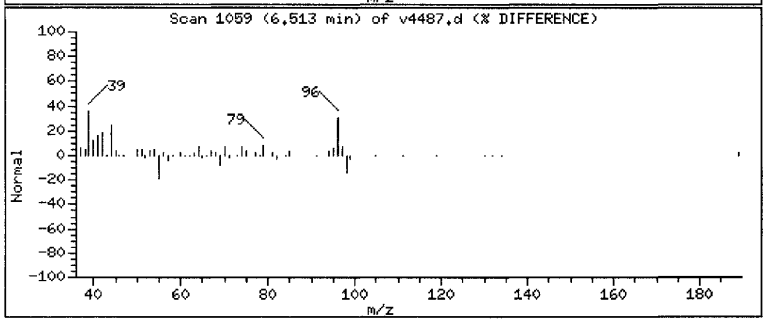












188054

Data File: /var/chem/msv4.i/20607220q.s.b/v4487.d

Date : 22-JUL-2006 20:37

Client ID: SI5SB74-148-(1-2)

Instrument: msv4.i

Sample Info: 20607200606*SI5SB74-148-(1-2)

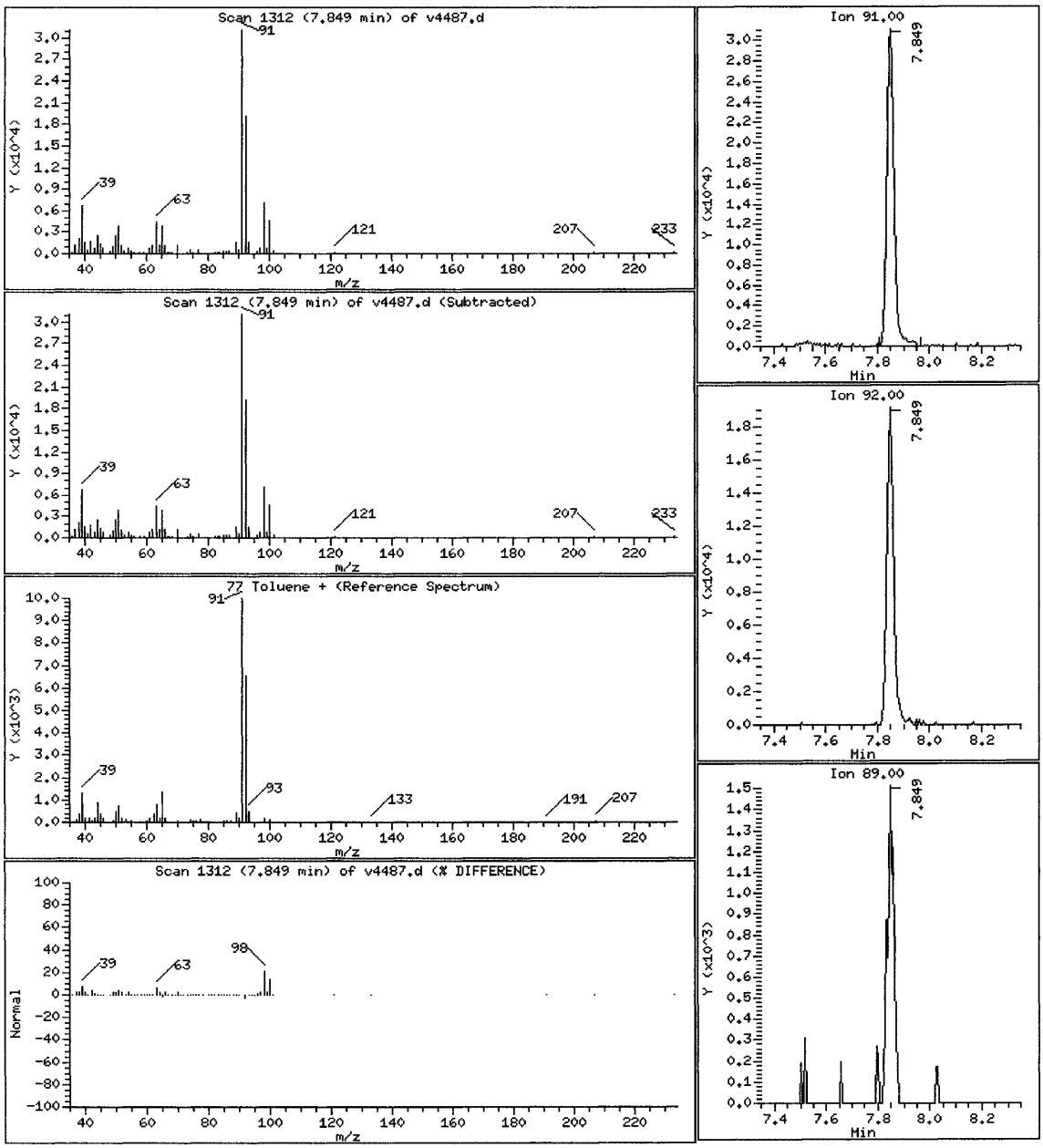
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

77 Toluene +

Concentration: 5.13 ug/Kg

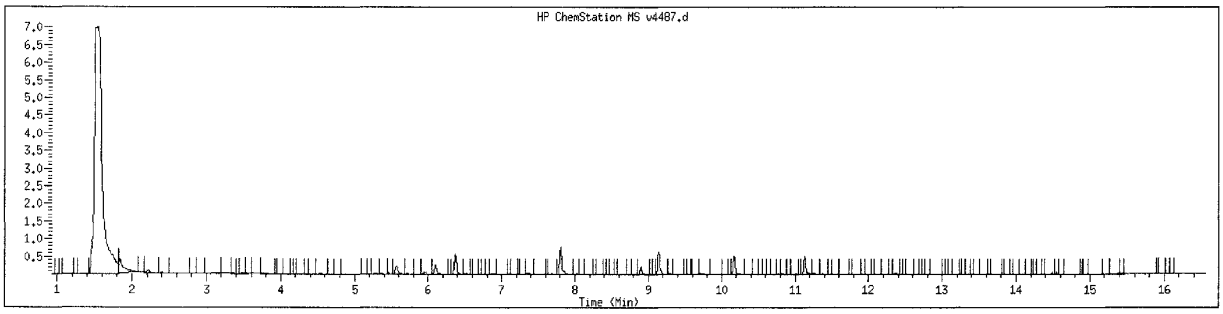


188055

Data file : /var/chem/msv4.i/2060722q.s.b/v4487.d Page: 1
Report Date: 07/23/2006 11:51

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200606 SampleType : SAMPLE
Injection Date: 22-JUL-2006 20:37 Instrument : msv4.i
Operator : KCB
Sample Info : 20607200606*SI5SB74-148-(1-2)
Misc Info : MSV~8729~*1*RSS
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b+nbutyl-ol



NO MANUAL INTEGRATIONS

188056

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SH4SB64-128-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.44 (g/ml) g

Lab Sample ID: 20607200607

Level: (low/med) LOW

Lab File ID: 2060721P/V4454

% Moisture: not dec. 10.1

Date Collected: 07/18/06 Time: 1745

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 0523

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328554

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	4.32	U	0.152	4.32
71-55-6	1,1,1-Trichloroethane	4.32	U	0.106	4.32
79-34-5	1,1,2,2-Tetrachloroethane	4.32	U	0.156	4.32
79-00-5	1,1,2-Trichloroethane	4.32	U	0.098	4.32
75-34-3	1,1-Dichloroethane	4.32	U	0.137	4.32
75-35-4	1,1-Dichloroethene	4.32	U	0.310	4.32
563-58-6	1,1-Dichloropropene	4.32	U	0.112	4.32
96-18-4	1,2,3-Trichloropropane	1.73	U	0.212	1.73
120-82-1	1,2,4-Trichlorobenzene	4.32	U	0.283	4.32
95-63-6	1,2,4-Trimethylbenzene	4.32	U	0.171	4.32
96-12-8	1,2-Dibromo-3-chloropropane	4.32	U	0.748	4.32
106-93-4	1,2-Dibromoethane	4.32	U	0.130	4.32
95-50-1	1,2-Dichlorobenzene	4.32	U	0.098	4.32
107-06-2	1,2-Dichloroethane	4.32	U	0.098	4.32
78-87-5	1,2-Dichloropropane	4.32	U	0.097	4.32
108-67-8	1,3,5-Trimethylbenzene	4.32	U	0.141	4.32
541-73-1	1,3-Dichlorobenzene	4.32	U	0.204	4.32
142-28-9	1,3-Dichloropropane	4.32	U	0.117	4.32
106-46-7	1,4-Dichlorobenzene	4.32	U	0.364	4.32
594-20-7	2,2-Dichloropropane	4.32	U	0.152	4.32
78-93-3	2-Butanone	1.78	J	0.270	4.32
110-75-8	2-Chloroethylvinyl ether	4.32	U	1.82	4.32
95-49-8	2-Chlorotoluene	4.32	U	0.130	4.32
591-78-6	2-Hexanone	4.32	U	0.714	4.32
106-43-4	4-Chlorotoluene	4.32	U	0.281	4.32
99-87-6	4-Isopropyltoluene	4.32	U	0.139	4.32
108-10-1	4-Methyl-2-pentanone	4.32	U	0.149	4.32
67-64-1	Acetone	21.6	U	0.323	21.6
107-02-8	Acrolein	21.6	U	2.02	21.6
107-13-1	Acrylonitrile	21.6	U	0.615	21.6
71-43-2	Benzene	1.37	J	0.090	4.32

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SH4SB64-128-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.44 (g/ml) g

Lab Sample ID: 20607200607

Level: (low/med) LOW

Lab File ID: 2060721P/V4454

% Moisture: not dec. 10.1

Date Collected: 07/18/06 Time: 1745

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 0523

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: *ug/kg*

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	4.32	U	0.203	4.32
75-27-4	Bromodichloromethane	4.32	U	0.117	4.32
75-25-2	Bromoform	4.32	U	0.146	4.32
74-83-9	Bromomethane	4.32	U	1.30	4.32
104-51-8	n-Butylbenzene	4.32	U	0.154	4.32
75-15-0	Carbon disulfide	4.32	U	0.094	4.32
56-23-5	Carbon tetrachloride	4.32	U	0.104	4.32
108-90-7	Chlorobenzene	4.32	U	0.143	4.32
75-00-3	Chloroethane	4.32	U	0.524	4.32
67-66-3	Chloroform	4.32	U	0.122	4.32
74-87-3	Chloromethane	4.32	U	0.401	4.32
110-82-7	Cyclohexane	4.32	U	0.956	4.32
124-48-1	Dibromochloromethane	4.32	U	0.078	4.32
74-95-3	Dibromomethane	4.32	U	0.135	4.32
75-71-8	Dichlorodifluoromethane	4.32	U	0.314	4.32
10061-01-5	cis-1,3-Dichloropropene	4.32	U	0.099	4.32
10061-02-6	trans-1,3-Dichloropropene	4.32	U	0.122	4.32
100-41-4	Ethylbenzene	1.71	J	0.179	4.32
87-68-3	Hexachlorobutadiene	4.32	U	1.08	4.32
98-82-8	Isopropylbenzene (Cumene)	1.22	J	0.132	4.32
79-20-9	Methyl Acetate	4.32	U	1.32	4.32
74-88-4	Methyl iodide	4.32	U	0.783	4.32
108-87-2	Methylcyclohexane	1.05	J	0.320	4.32
75-09-2	Methylene chloride	8.64	U	0.414	8.64
91-20-3	Naphthalene	4.32	U	0.325	4.32
100-42-5	Styrene	4.32	U	0.131	4.32
127-18-4	Tetrachloroethene	4.32	U	0.166	4.32
108-88-3	Toluene	2.90	J	0.475	4.32
79-01-6	Trichloroethene	4.32	U	0.153	4.32
75-69-4	Trichlorofluoromethane	4.32	U	0.218	4.32
76-13-1	Trichlorotrifluoroethane	4.32	U	0.162	4.32
108-05-4	Vinyl acetate	4.32	U	0.846	4.32

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SH4SB64-128-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.44 (g/ml) g

Lab Sample ID: 20607200607

Level: (low/med) LOW

Lab File ID: 2060721P/V4454

% Moisture: not dec. 10.1

Date Collected: 07/18/06 Time: 1745

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 0523

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: *ug/kg*

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	4.32	U	0.303	4.32
1330-20-7	Xylene (total)	8.64	U	0.494	8.64
156-59-2	cis-1,2-Dichloroethene	4.32	U	0.109	4.32
136777-61-	m,p-Xylene	4.32	U	0.344	4.32
71-36-3	n-Butyl alcohol	21.6	U	0.864	21.6
103-65-1	n-Propylbenzene	4.32	U	0.121	4.32
95-47-6	o-Xylene	4.32	U	0.150	4.32
135-98-8	sec-Butylbenzene	4.32	U	0.101	4.32
1634-04-4	tert-Butyl methyl ether (MTBE)	4.32	U	0.064	4.32
98-06-6	tert-Butylbenzene	4.32	U	0.218	4.32
156-60-5	trans-1,2-Dichloroethene	4.32	U	0.142	4.32
110-57-6	trans-1,4-Dichloro-2-butene	4.32	U	0.623	4.32

GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4454.d
Lab Smp Id: 20607200607 Client Smp ID: SH4SB64-128-(1-2)
Inj Date : 22-JUL-2006 05:23
Operator : KCB Inst ID: msv4.i
Smp Info : 20607200607*SH4SB64-128-(1-2)
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 08:39 kcb Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.44000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
20 Hexane	57	3.810	3.784	(0.595)	10252	1.01773	0.790	7740
$ 44 Dibromofluoromethane	111	5.605	5.568	(0.875)	258202	50.3466	39.1	2944
46 2-Butanone	43	5.742	5.710	(0.897)	27057	2.06322	1.60	
53 Benzene	78	5.995	5.958	(0.936)	23254	1.57874	1.23	8282
$ 54 1,2-Dichloroethane-d4	67	6.132	6.096	(0.958)	165424	47.5400	36.9	9338
* 58 FLUOROBENZENE	96	6.402	6.370	(1.000)	745501	50.0000		9576
59 Methyl cyclohexane	83	6.544	6.513	(1.022)	6585	1.22089	0.948	8091
$ 76 Toluene-d8	98	7.837	7.801	(0.855)	697782	62.1862	48.3	9453
77 Toluene +	91	7.880	7.848	(0.860)	44316	3.36470	2.61	8133
* 90 Chlorobenzene-d5	82	9.167	9.136	(1.000)	288432	50.0000		8983
92 Ethylbenzene +	91	9.199	9.168	(1.003)	30872	1.98146	1.54	6350(H)
101 Isopropylbenzene	105	9.949	9.917	(1.085)	17347	1.41753	1.10	8141
$ 103 Bromofluorobenzene	174	10.202	10.176	(1.113)	207854	54.1552	42.0	8878

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
* 121 1,4-DICHLOROBENZENE-D4	152	11.163	11.131	(1.000)	197046	50.0000		8981

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060721p.s.b/v4454.d

Page 1

Date : 22-JUL-2006 05:23

Client ID: SH4SB64-128-(1-2)

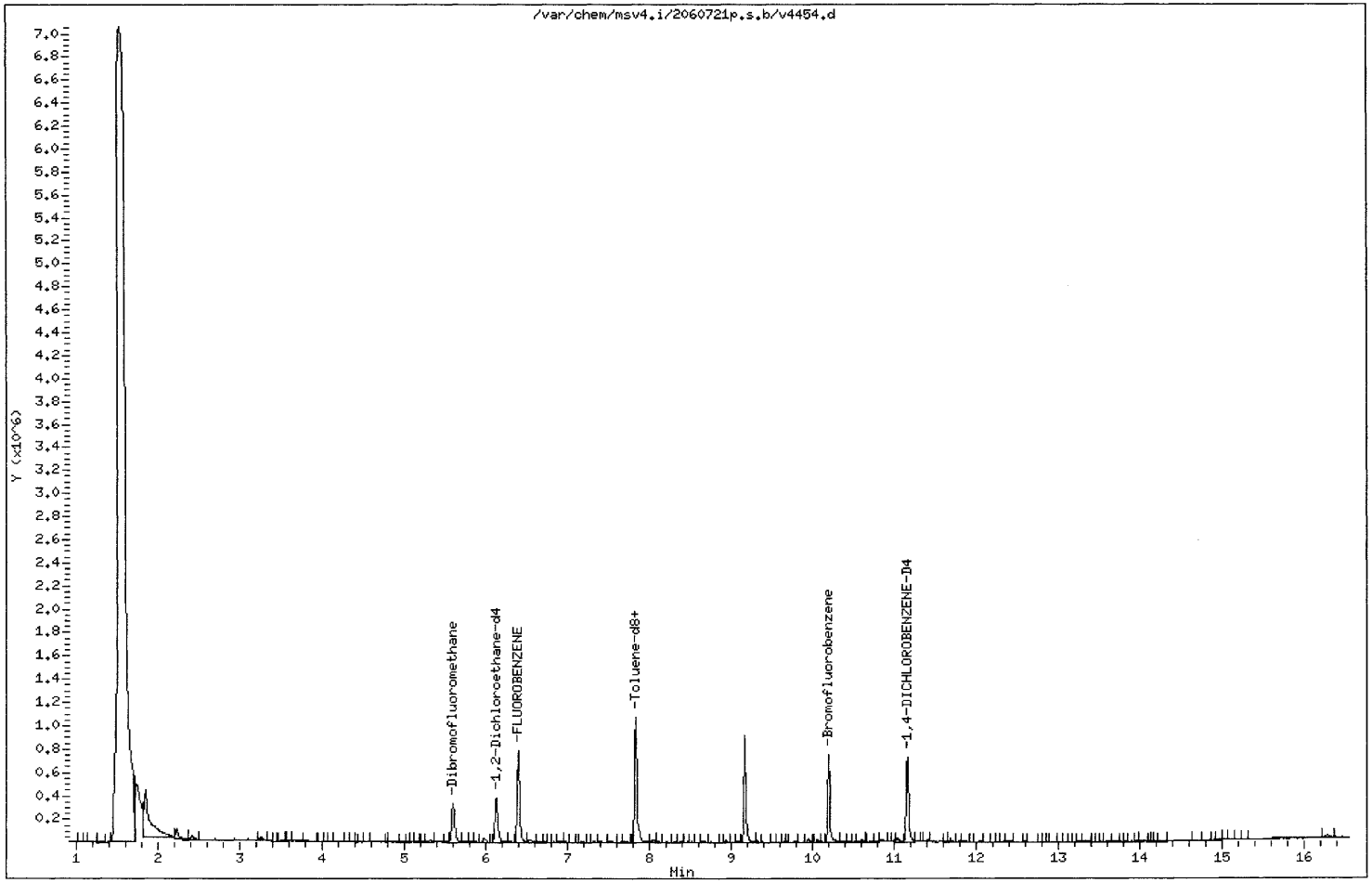
Instrument: msv4.i

Sample Info: 20607200607*SH4SB64-128-(1-2)

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53



Data File: /var/chem/msv4.i/20060721p.s.b/v4454.d

Date : 22-JUL-2006 05:23

Client ID: SH4SB64-128-(1-2)

Instrument: msv4.i

Sample Info: 20607200607*SH4SB64-128-(1-2)

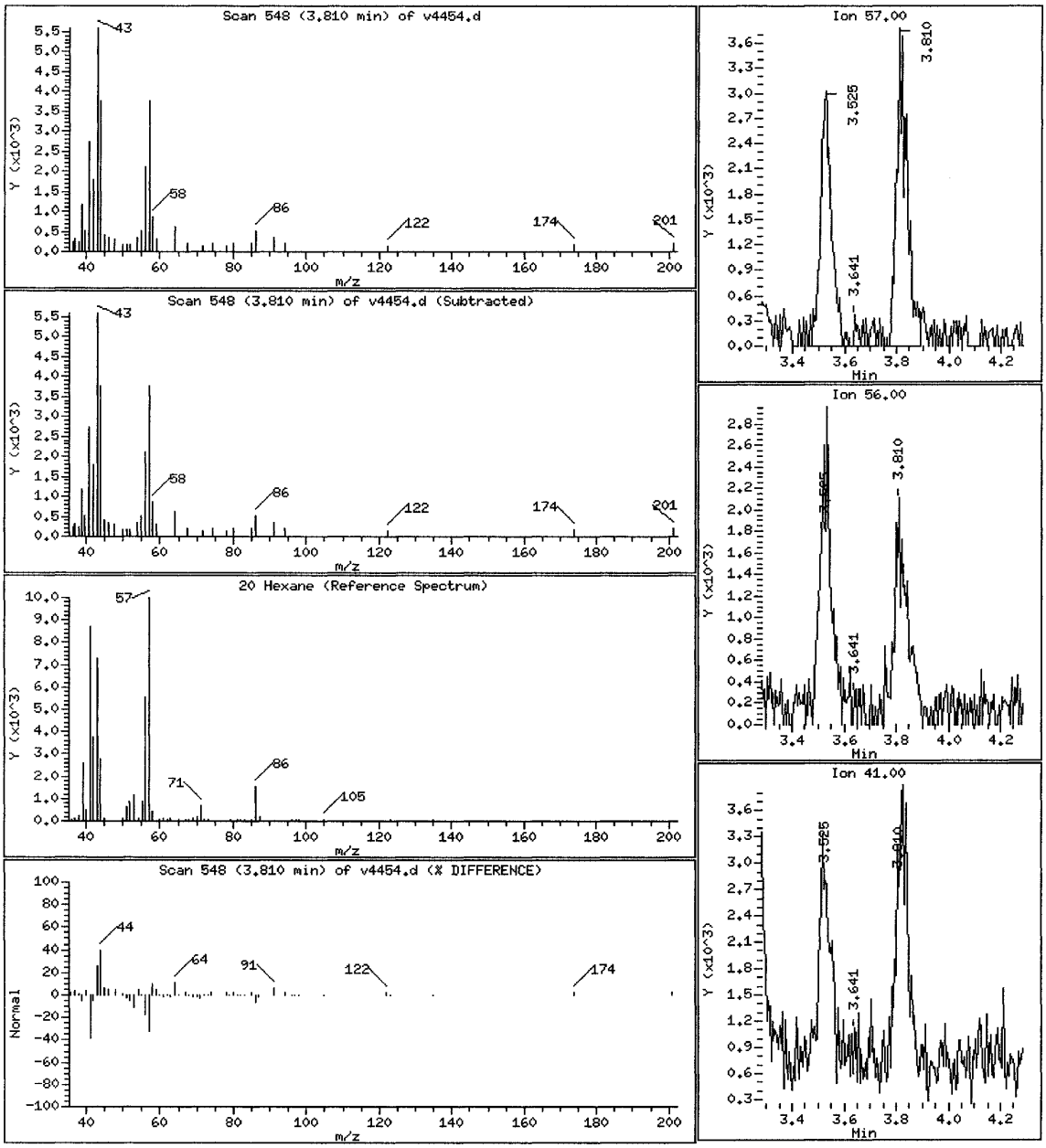
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

20 Hexane

Concentration: 0.790 ug/Kg



188063

Data File: /var/chem/msv4.i/20060721p.s.b/v4454.d

Date : 22-JUL-2006 05:23

Client ID: SH4SB64-128-(1-2)

Instrument: msv4.i

Sample Info: 20607200607*SH4SB64-128-(1-2)

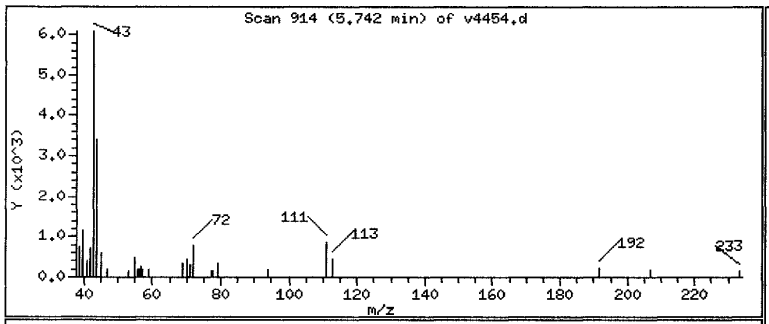
Operator: KCB

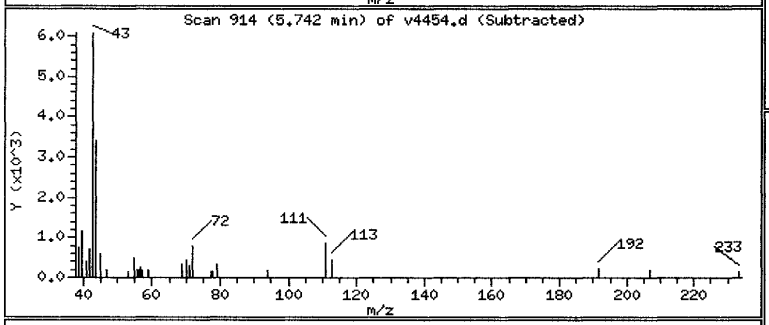
Column phase: DB-624-30M

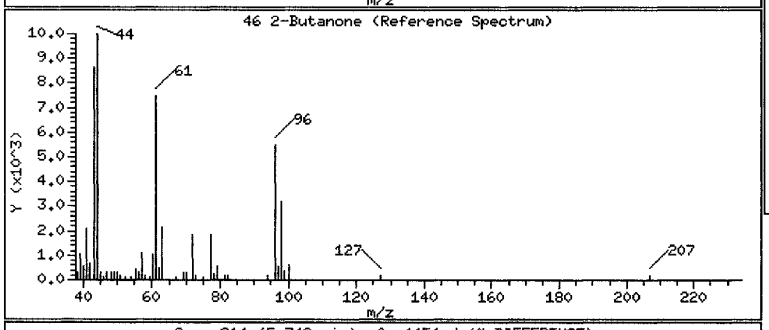
Column diameter: 0.53

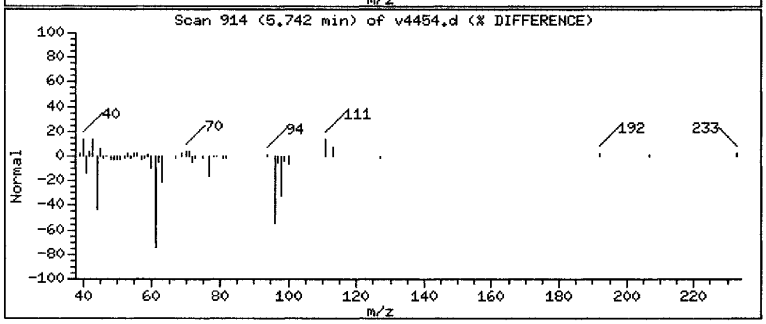
46 2-Butanone

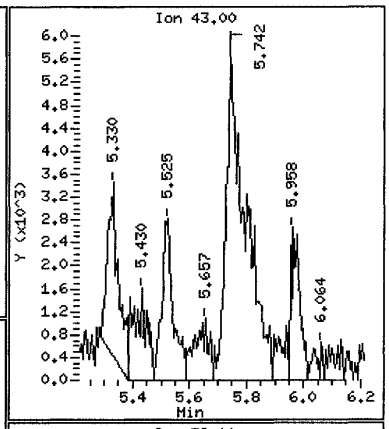
Concentration: 1.60 ug/Kg

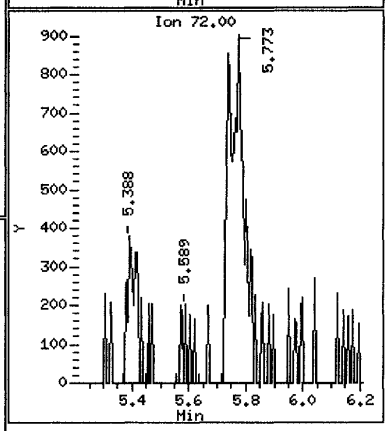












188064

Data File: /var/chem/msv4.i/2060721p.s.b/v4454.d

Date : 22-JUL-2006 05:23

Client ID: SH4SB64-128-(1-2)

Instrument: msv4.i

Sample Info: 20607200607*SH4SB64-128-(1-2)

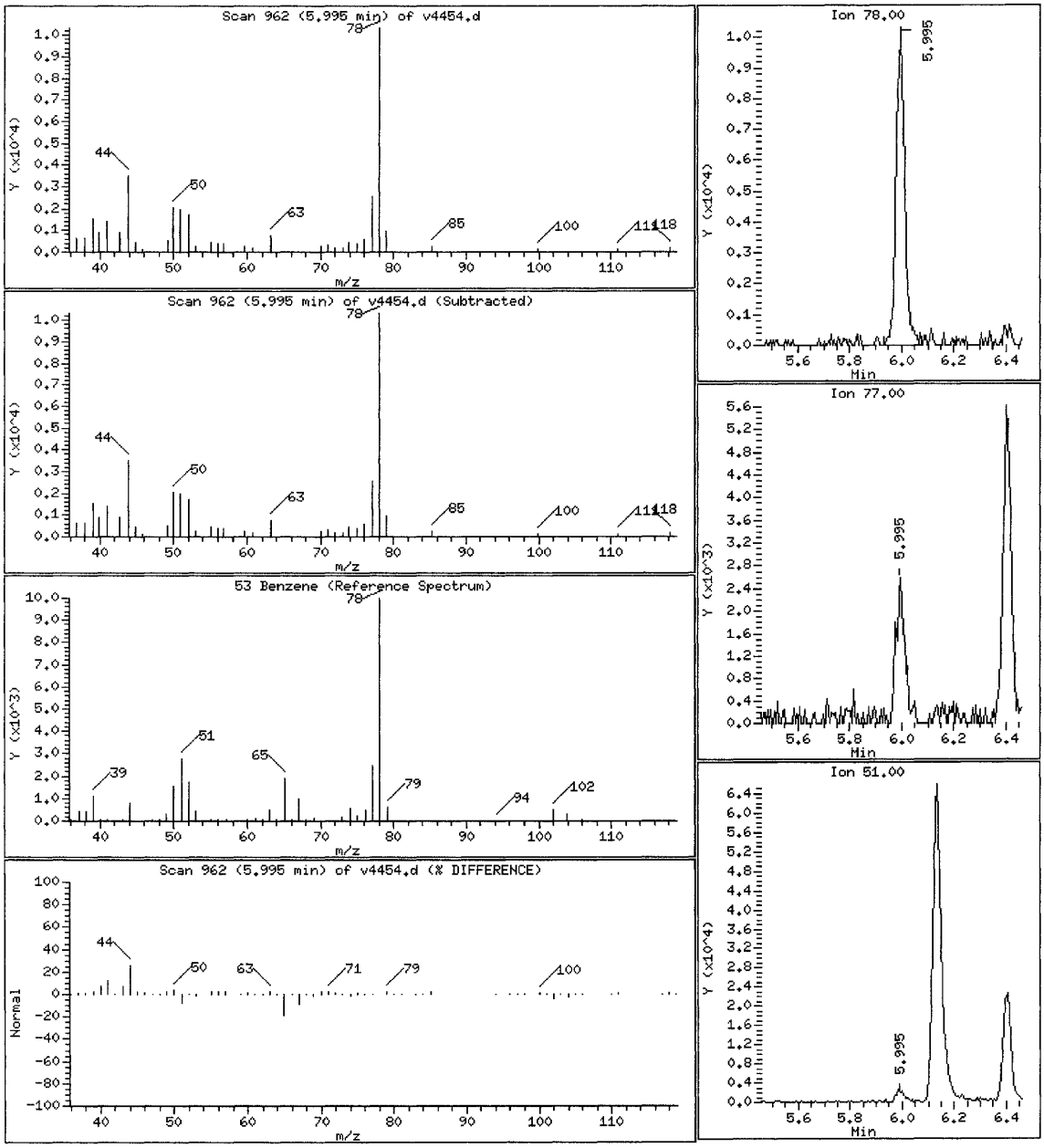
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

53 Benzene

Concentration: 1.23 ug/Kg



188065

Data File: /var/chem/msv4.i/20060721p.s.b/v4454.d

Date : 22-JUL-2006 05:23

Client ID: SH4SB64-128-(1-2)

Instrument: msv4.i

Sample Info: 20607200607*SH4SB64-128-(1-2)

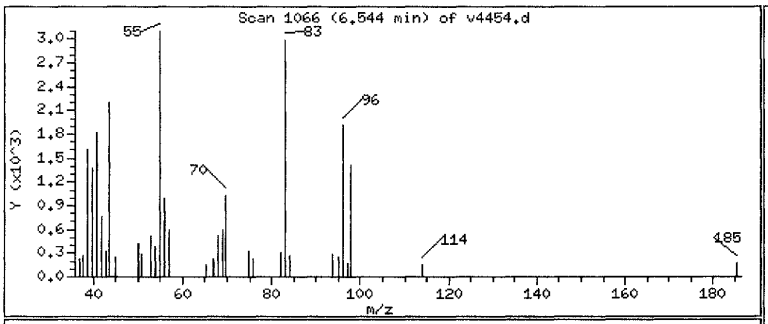
Operator: KCB

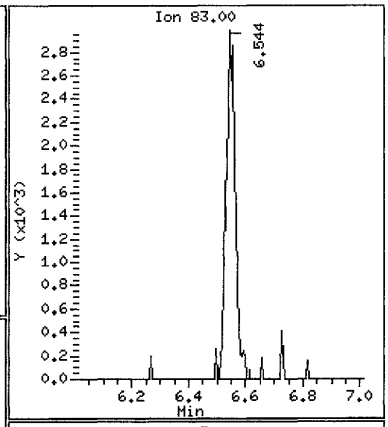
Column phase: DB-624-30M

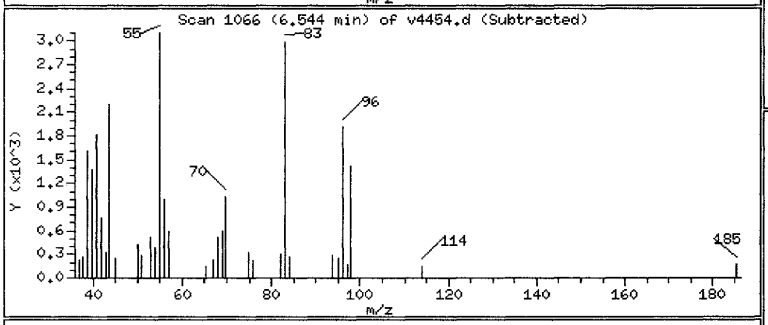
Column diameter: 0.53

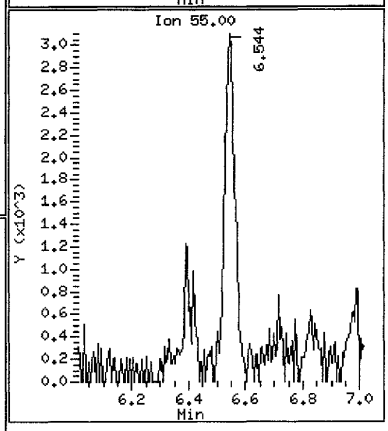
59 Methyl cyclohexane

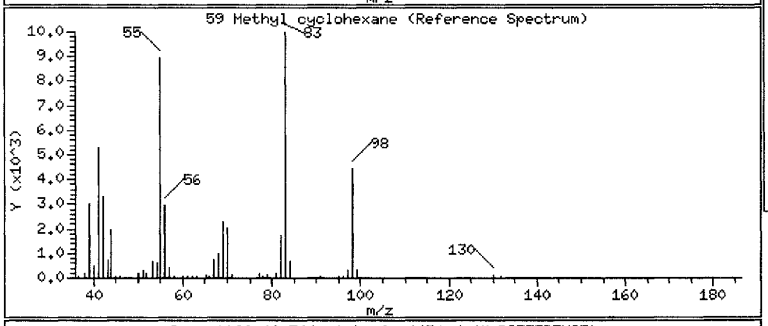
Concentration: 0.948 ug/Kg

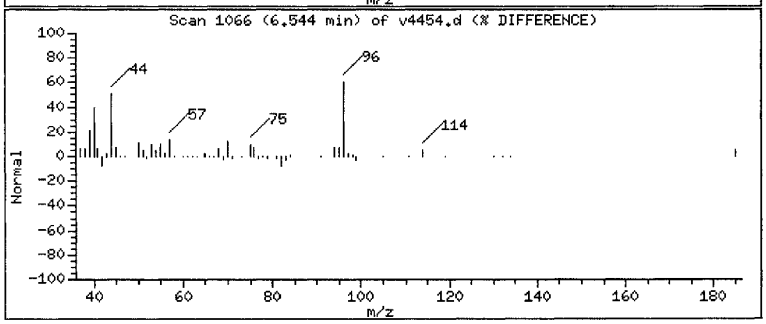












188066

Data File: /var/chem/msv4.i/20607 21p.s.b/v4454.d

Date : 22-JUL-2006 05:23

Client ID: SH4SB64-128-(1-2)

Instrument: msv4.i

Sample Info: 20607200607*SH4SB64-128-(1-2)

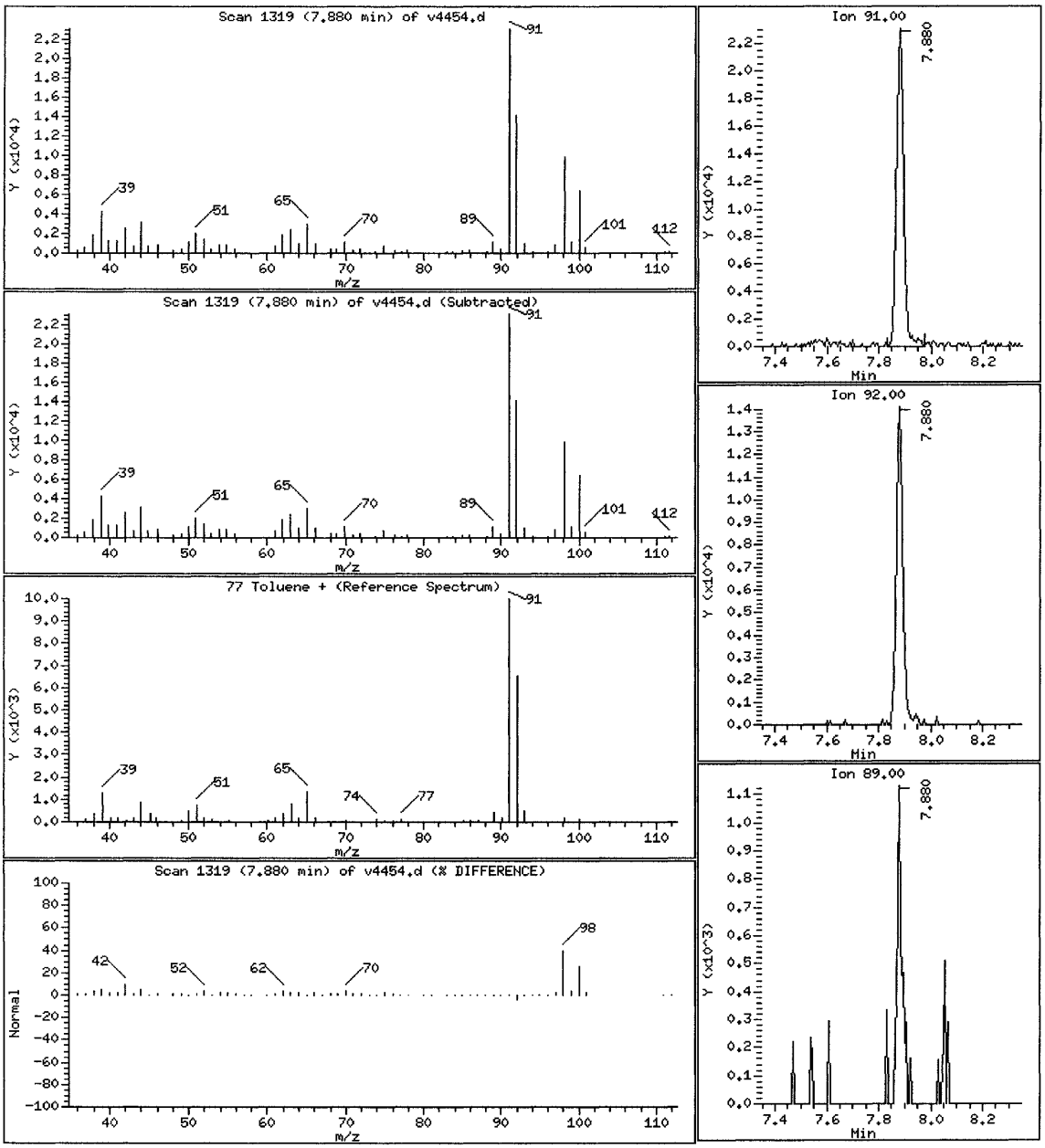
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

77 Toluene +

Concentration: 2.61 ug/Kg



188067

Data File: /var/chem/msv4.i/20060721p.s.b/v4454.d

Date : 22-JUL-2006 05:23

Client ID: SH4SB64-128-(1-2)

Instrument: msv4.i

Sample Info: 20607200607*SH4SB64-128-(1-2)

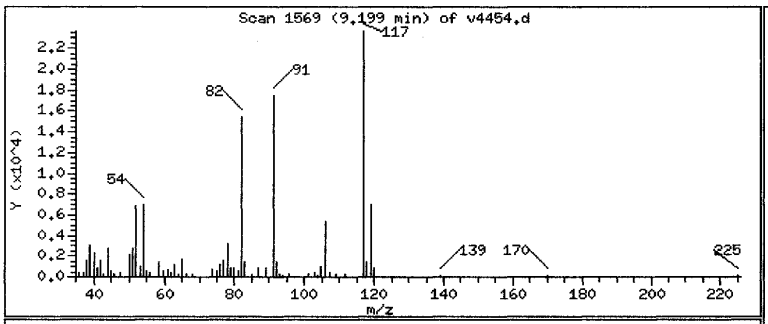
Operator: KCB

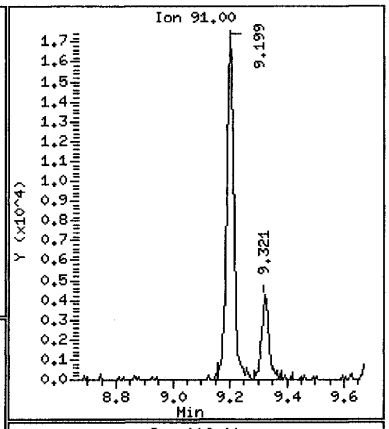
Column phase: DB-624-30M

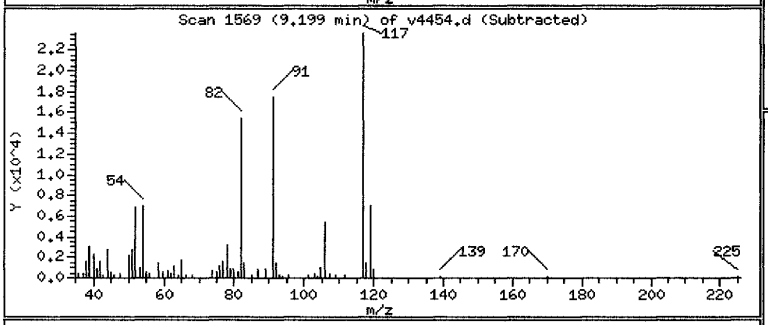
Column diameter: 0.53

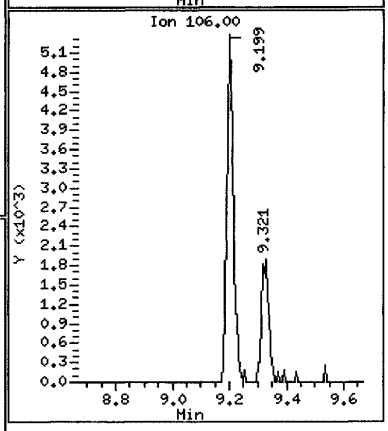
92 Ethylbenzene +

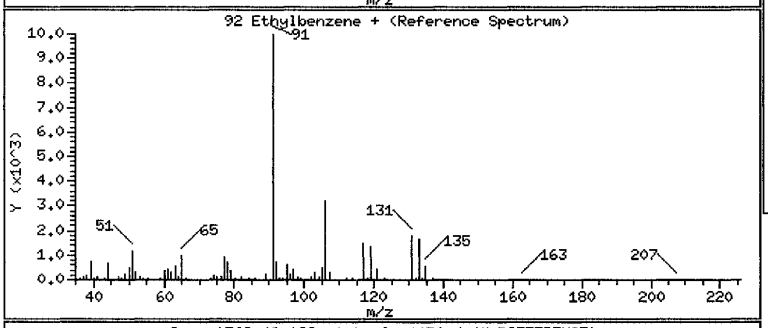
Concentration: 1.54 ug/Kg

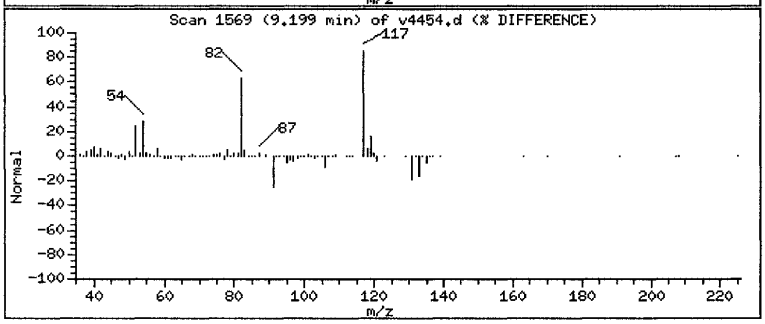












188068

Data File: /var/chem/msv4.i/2060721p.s.b/v4454.d

Date : 22-JUL-2006 05:23

Client ID: SH4SB64-128-(1-2)

Instrument: msv4.i

Sample Info: 20607200607*SH4SB64-128-(1-2)

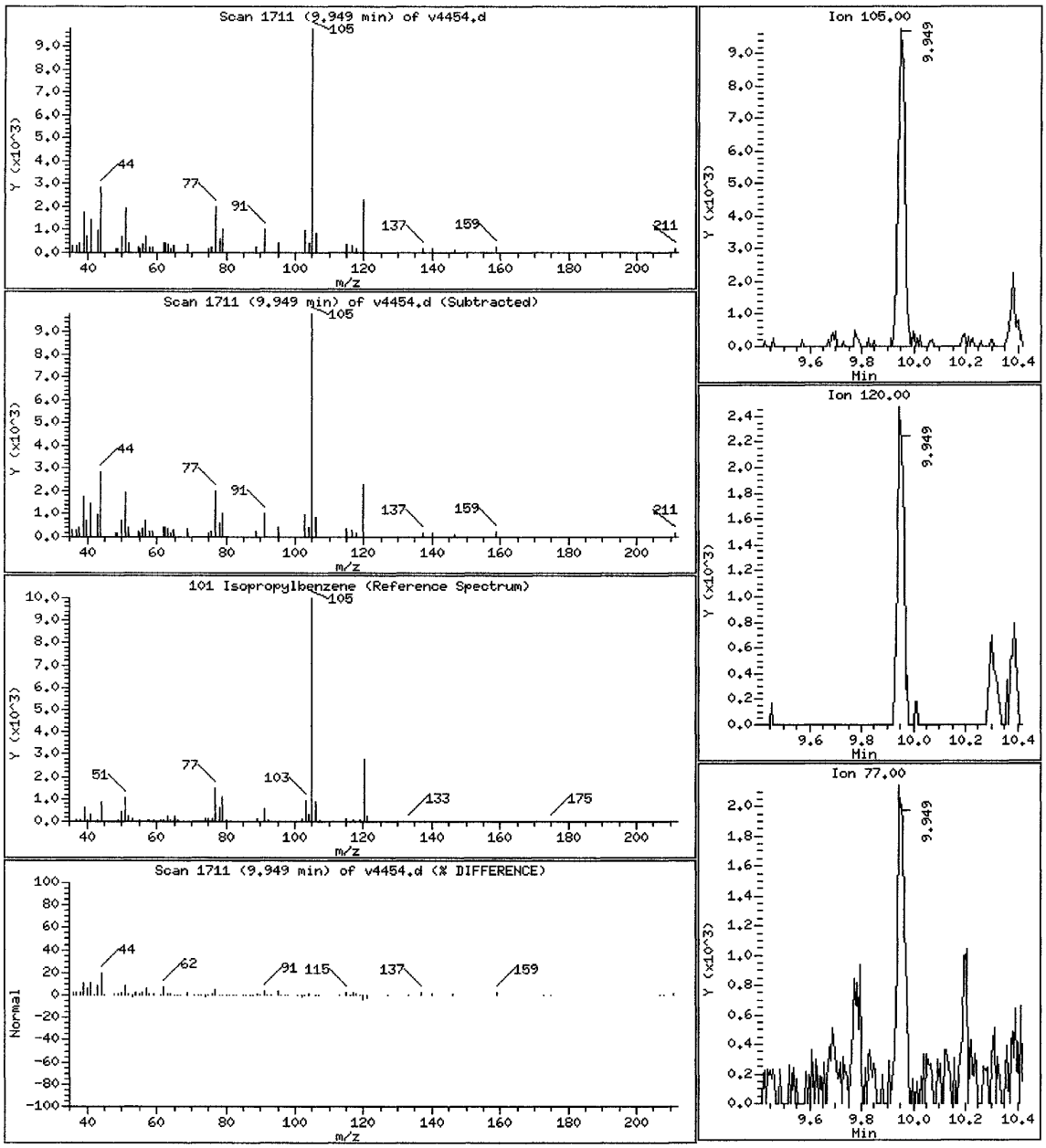
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

101 Isopropylbenzene

Concentration: 1.10 ug/Kg

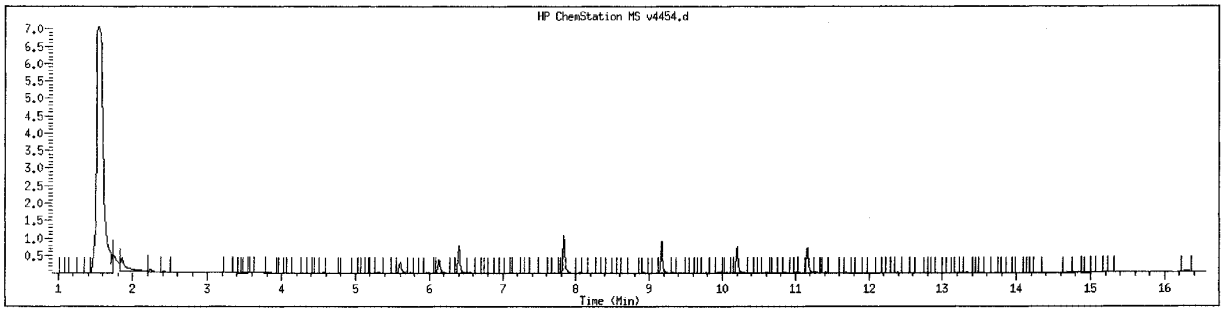


188069

Data file : /var/chem/msv4.i/2060721p.s.b/v4454.d Page: 1
Report Date: 07/22/2006 09:48

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200607 SampleType : SAMPLE
Injection Date: 22-JUL-2006 05:23 Instrument : msv4.i
Operator : KCB
Sample Info : 20607200607*SH4SB64-128-(1-2)
Misc Info : MSV~8723~*1*RSS
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b+nbutyl-ol



NO MANUAL INTEGRATIONS

188070

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
COC1104-TB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 20607200610

Level: (low/med) LOW

Lab File ID: 2060721Q/G6370

% Moisture: not dec.

Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/22/06 Time: 0740

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	5.00	U	0.343	5.00
71-55-6	1,1,1-Trichloroethane	5.00	U	0.173	5.00
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.227	5.00
79-00-5	1,1,2-Trichloroethane	5.00	U	0.131	5.00
75-34-3	1,1-Dichloroethane	5.00	U	0.252	5.00
75-35-4	1,1-Dichloroethene	5.00	U	0.229	5.00
563-58-6	1,1-Dichloropropene	5.00	U	0.102	5.00
96-18-4	1,2,3-Trichloropropane	5.00	U	0.462	5.00
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.378	5.00
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.181	5.00
96-12-8	1,2-Dibromo-3-chloropropane	5.00	U	0.190	5.00
106-93-4	1,2-Dibromoethane	5.00	U	0.206	5.00
95-50-1	1,2-Dichlorobenzene	5.00	U	0.240	5.00
107-06-2	1,2-Dichloroethane	5.00	U	0.205	5.00
78-87-5	1,2-Dichloropropane	5.00	U	0.238	5.00
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.185	5.00
541-73-1	1,3-Dichlorobenzene	5.00	U	0.125	5.00
142-28-9	1,3-Dichloropropane	5.00	U	0.218	5.00
106-46-7	1,4-Dichlorobenzene	5.00	U	0.135	5.00
594-20-7	2,2-Dichloropropane	5.00	U	0.196	5.00
78-93-3	2-Butanone	5.00	U	0.429	5.00
110-75-8	2-Chloroethylvinyl ether	5.00	U	0.221	5.00
95-49-8	2-Chlorotoluene	5.00	U	0.166	5.00
591-78-6	2-Hexanone	5.00	U	0.403	5.00
106-43-4	4-Chlorotoluene	5.00	U	0.211	5.00
99-87-6	4-Isopropyltoluene	5.00	U	0.121	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.454	5.00
67-64-1	Acetone	25.0	U	1.42	25.0
107-02-8	Acrolein	25.0	U	1.66	25.0
107-13-1	Acrylonitrile	25.0	U	1.10	25.0
71-43-2	Benzene	5.00	U	0.225	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
COC1104-TB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 20607200610

Level: (low/med) LOW Lab File ID: 2060721Q/G6370

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0740

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	5.00	U	0.196	5.00
75-27-4	Bromodichloromethane	5.00	U	0.219	5.00
75-25-2	Bromoform	5.00	U	0.216	5.00
74-83-9	Bromomethane	5.00	U	0.477	5.00
104-51-8	n-Butylbenzene	5.00	U	0.414	5.00
75-15-0	Carbon disulfide	5.00	U	0.098	5.00
56-23-5	Carbon tetrachloride	5.00	U	0.128	5.00
108-90-7	Chlorobenzene	5.00	U	0.213	5.00
75-00-3	Chloroethane	5.00	U	0.596	5.00
67-66-3	Chloroform	5.00	U	0.194	5.00
74-87-3	Chloromethane	5.00	U	0.453	5.00
110-82-7	Cyclohexane	5.00	U	0.187	5.00
124-48-1	Dibromochloromethane	5.00	U	0.081	5.00
74-95-3	Dibromomethane	5.00	U	0.354	5.00
75-71-8	Dichlorodifluoromethane	5.00	U	0.156	5.00
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.211	5.00
10061-02-6	trans-1,3-Dichloropropene	5.00	U	0.236	5.00
100-41-4	Ethylbenzene	5.00	U	0.227	5.00
87-68-3	Hexachlorobutadiene	5.00	U	0.243	5.00
98-82-8	Isopropylbenzene (Cumene)	5.00	U	0.122	5.00
79-20-9	Methyl Acetate	5.00	U	0.477	5.00
74-88-4	Methyl iodide	5.00	U	0.212	5.00
108-87-2	Methylcyclohexane	5.00	U	0.130	5.00
75-09-2	Methylene chloride	1.15	JB	0.445	10.0
91-20-3	Naphthalene	5.00	U	0.304	5.00
100-42-5	Styrene	5.00	U	0.135	5.00
127-18-4	Tetrachloroethene	5.00	U	0.227	5.00
108-88-3	Toluene	5.00	U	0.213	5.00
79-01-6	Trichloroethene	5.00	U	0.270	5.00
75-69-4	Trichlorofluoromethane	5.00	U	0.190	5.00
76-13-1	Trichlorotrifluoroethane	5.00	U	0.360	5.00
108-05-4	Vinyl acetate	5.00	U	0.240	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
COC1104-TB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 20607200610

Level: (low/med) LOW

Lab File ID: 2060721Q/G6370

% Moisture: not dec.

Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/22/06 Time: 0740

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	5.00	U	0.089	5.00
1330-20-7	Xylene (total)	10.0	U	0.509	10.0
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.163	5.00
136777-61-	m,p-Xylene	5.00	U	0.286	5.00
71-36-3	n-Butyl alcohol	25.0	U	25.0	25.0
103-65-1	n-Propylbenzene	5.00	U	0.175	5.00
95-47-6	o-Xylene	5.00	U	0.223	5.00
135-98-8	sec-Butylbenzene	5.00	U	0.157	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	5.00	U	0.179	5.00
98-06-6	tert-Butylbenzene	5.00	U	0.159	5.00
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.139	5.00
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.492	5.00

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6370.d
Lab Smp Id: 20607200610 Client Smp ID: COC1104-TB
Inj Date : 22-JUL-2006 07:40
Operator : KCB Inst ID: msv5.i
Smp Info : 20607200610*COC1104-TB
Misc Info : MSV~8724~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Meth Date : 22-Jul-2006 05:56 kcb Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

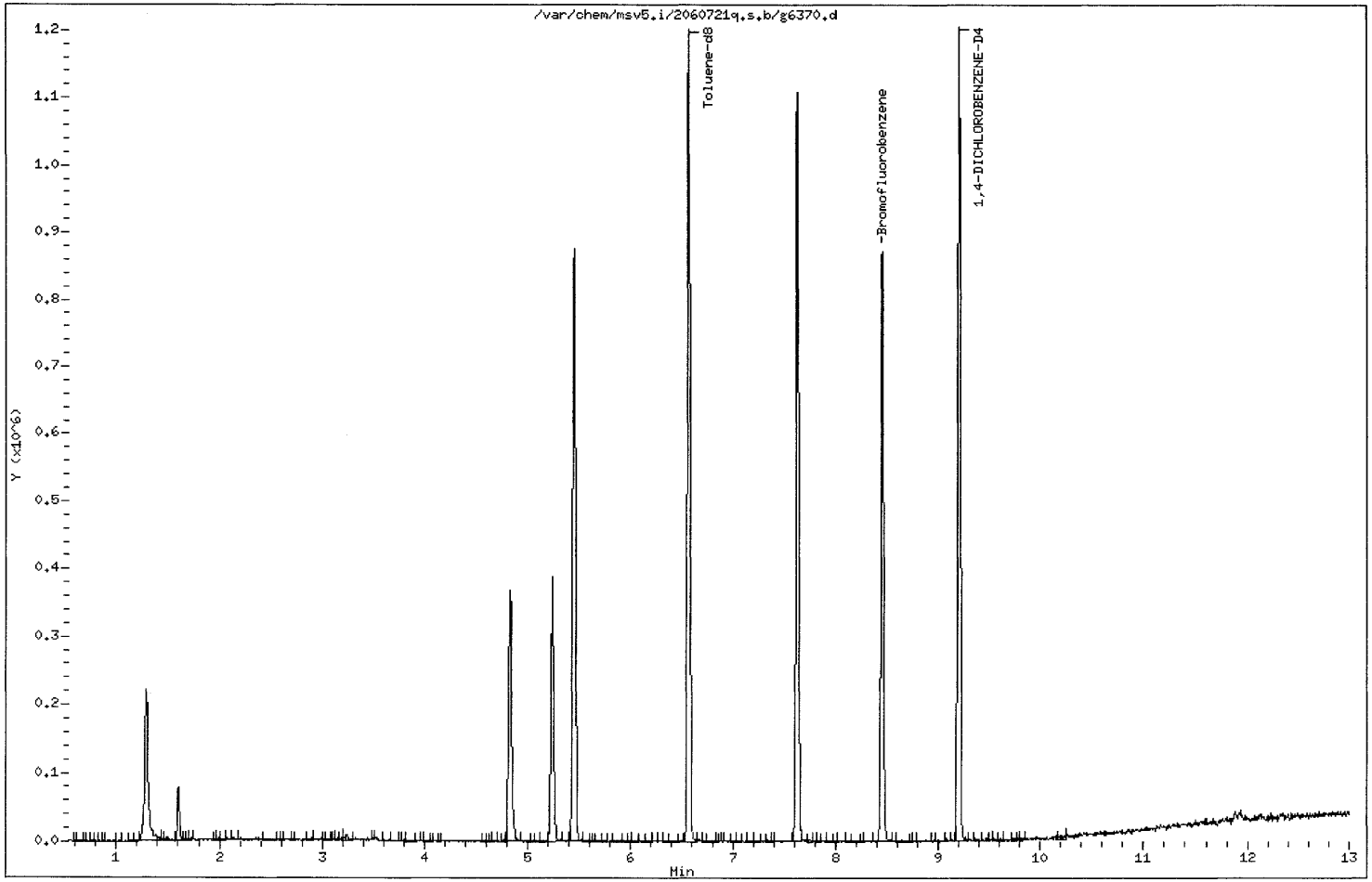
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
17 Methylene Chloride	49	3.237	3.239	(0.594)	4605	1.14578	1.15	
$ 39 Dibromofluoromethane	111	4.827	4.827	(0.886)	245261	59.6846	59.7	1649
$ 48 1,2-Dichloroethane-d4	67	5.237	5.238	(0.961)	132860	57.5107	57.5	
* 52 FLUOROBENZENE	96	5.448	5.443	(1.000)	747052	50.0000		
$ 67 Toluene-d8	98	6.565	6.563	(0.860)	751301	53.1221	53.1	
* 83 CHLOROBENZENE-d5	82	7.629	7.624	(1.000)	347610	50.0000		
$ 94 Bromofluorobenzene	174	8.454	8.452	(1.108)	245609	53.8823	53.9	
* 111 1,4-DICHLOROBENZENE-D4	152	9.203	9.200	(1.000)	300418	50.0000		

Data File: /var/chem/msv5.i/20607219.s.b/g6370.d
Date : 22-JUL-2006 07:40
Client ID: COC1104-TB
Sample Info: 206072006 10*COC1104-TB
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: KCB
Column diameter: 0.53



Data File: /var/chem/msv5.i/20607210.s.b/g6370.d

Date : 22-JUL-2006 07:40

Client ID: COC1104-TB

Instrument: msv5.i

Sample Info: 20607200610*COC1104-TB

Purge Volume: 5.0

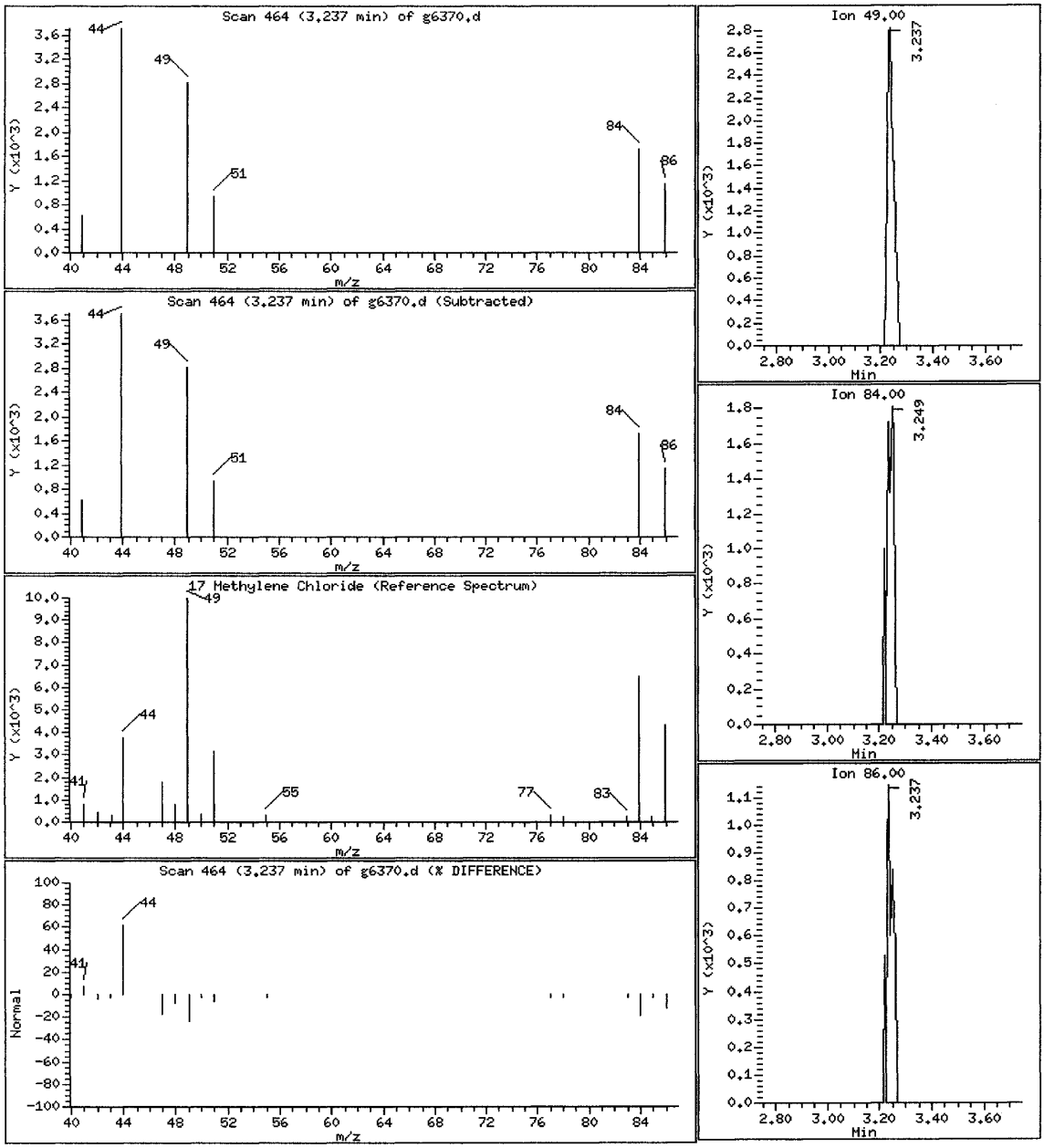
Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53

17 Methylene Chloride

Concentration: 1.15 ug/L

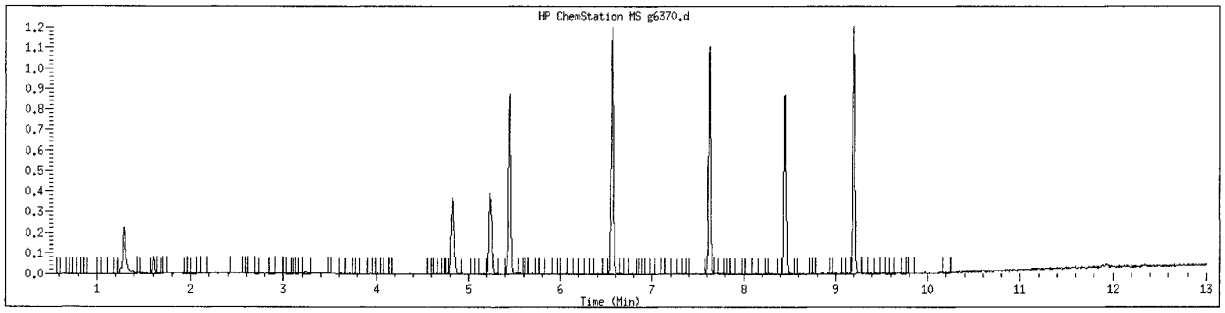


188076

Data file : /var/chem/msv5.i/2060721q.s.b/g6370.d
Report Date: 07/22/2006 08:17

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200610	SampleType	: SAMPLE
Injection Date	: 22-JUL-2006 07:40	Instrument	: msv5.i
Operator	: KCB		
Sample Info	: 20607200610*COC1104-TB		
Misc Info	: MSV~8724~*1*ABD		
Method	: /var/chem/msv5.i/2060721q.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: all



NO MANUAL INTEGRATIONS

188077

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SF4SB46-092-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.1 (g/ml) g

Lab Sample ID: 20607200611

Level: (low/med) LOW

Lab File ID: 2060721P/V4455

% Moisture: not dec. 17.0

Date Collected: 07/18/06 Time: 1700

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 0547

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328554

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	4.94	U	0.174	4.94
71-55-6	1,1,1-Trichloroethane	4.94	U	0.121	4.94
79-34-5	1,1,2,2-Tetrachloroethane	4.94	U	0.178	4.94
79-00-5	1,1,2-Trichloroethane	4.94	U	0.113	4.94
75-34-3	1,1-Dichloroethane	4.94	U	0.157	4.94
75-35-4	1,1-Dichloroethene	4.94	U	0.355	4.94
563-58-6	1,1-Dichloropropene	4.94	U	0.128	4.94
96-18-4	1,2,3-Trichloropropane	1.98	U	0.242	1.98
120-82-1	1,2,4-Trichlorobenzene	4.94	U	0.323	4.94
95-63-6	1,2,4-Trimethylbenzene	8.28		0.196	4.94
96-12-8	1,2-Dibromo-3-chloropropane	4.94	U	0.855	4.94
106-93-4	1,2-Dibromoethane	4.94	U	0.148	4.94
95-50-1	1,2-Dichlorobenzene	4.94	U	0.113	4.94
107-06-2	1,2-Dichloroethane	4.94	U	0.113	4.94
78-87-5	1,2-Dichloropropane	4.94	U	0.111	4.94
108-67-8	1,3,5-Trimethylbenzene	4.94	U	0.161	4.94
541-73-1	1,3-Dichlorobenzene	4.94	U	0.233	4.94
142-28-9	1,3-Dichloropropane	4.94	U	0.134	4.94
106-46-7	1,4-Dichlorobenzene	4.94	U	0.416	4.94
594-20-7	2,2-Dichloropropane	4.94	U	0.174	4.94
78-93-3	2-Butanone	7.72		0.308	4.94
110-75-8	2-Chloroethylvinyl ether	4.94	U	2.08	4.94
95-49-8	2-Chlorotoluene	4.94	U	0.148	4.94
591-78-6	2-Hexanone	4.94	U	0.816	4.94
106-43-4	4-Chlorotoluene	4.94	U	0.321	4.94
99-87-6	4-Isopropyltoluene	4.94	U	0.159	4.94
108-10-1	4-Methyl-2-pentanone	4.94	U	0.171	4.94
67-64-1	Acetone	24.7	U	0.369	24.7
107-02-8	Acrolein	24.7	U	2.31	24.7
107-13-1	Acrylonitrile	24.7	U	0.703	24.7
71-43-2	Benzene	22.1		0.103	4.94

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SF4SB46-092-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.1 (g/ml) g

Lab Sample ID: 20607200611

Level: (low/med) LOW

Lab File ID: 2060721P/V4455

% Moisture: not dec. 17.0

Date Collected: 07/18/06 Time: 1700

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 0547

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328554

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	4.94	U	0.232	4.94
75-27-4	Bromodichloromethane	4.94	U	0.133	4.94
75-25-2	Bromoform	4.94	U	0.167	4.94
74-83-9	Bromomethane	4.94	U	1.49	4.94
104-51-8	n-Butylbenzene	4.94	U	0.176	4.94
75-15-0	Carbon disulfide	4.94	U	0.108	4.94
56-23-5	Carbon tetrachloride	4.94	U	0.119	4.94
108-90-7	Chlorobenzene	4.94	U	0.163	4.94
75-00-3	Chloroethane	4.94	U	0.599	4.94
67-66-3	Chloroform	4.94	U	0.139	4.94
74-87-3	Chloromethane	4.94	U	0.458	4.94
110-82-7	Cyclohexane	21.6		1.09	4.94
124-48-1	Dibromochloromethane	4.94	U	0.089	4.94
74-95-3	Dibromomethane	4.94	U	0.154	4.94
75-71-8	Dichlorodifluoromethane	4.94	U	0.360	4.94
10061-01-5	cis-1,3-Dichloropropene	4.94	U	0.114	4.94
10061-02-6	trans-1,3-Dichloropropene	4.94	U	0.139	4.94
100-41-4	Ethylbenzene	105		0.204	4.94
87-68-3	Hexachlorobutadiene	4.94	U	1.23	4.94
79-20-9	Methyl Acetate	4.94	U	1.51	4.94
74-88-4	Methyl iodide	4.94	U	0.895	4.94
108-87-2	Methylcyclohexane	6.00		0.365	4.94
75-09-2	Methylene chloride	9.88	U	0.473	9.88
91-20-3	Naphthalene	76.2		0.371	4.94
100-42-5	Styrene	4.94	U	0.150	4.94
127-18-4	Tetrachloroethene	4.94	U	0.190	4.94
108-88-3	Toluene	2.69	J	0.543	4.94
79-01-6	Trichloroethene	4.94	U	0.175	4.94
75-69-4	Trichlorofluoromethane	4.94	U	0.249	4.94
76-13-1	Trichlorotrifluoroethane	4.94	U	0.186	4.94
108-05-4	Vinyl acetate	4.94	U	0.967	4.94
75-01-4	Vinyl chloride	4.94	U	0.347	4.94

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SF4SB46-092-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.1 (g/ml) g

Lab Sample ID: 20607200611

Level: (low/med) LOW

Lab File ID: 2060721P/V4455

% Moisture: not dec. 17.0

Date Collected: 07/18/06 Time: 1700

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 0547

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328554

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
1330-20-7	Xylene (total)	50.6		0.565	9.88
156-59-2	cis-1,2-Dichloroethene	4.94	U	0.124	4.94
136777-61-	m,p-Xylene	15.7		0.393	4.94
71-36-3	n-Butyl alcohol	24.7	U	0.988	24.7
103-65-1	n-Propylbenzene	4.94	U	0.138	4.94
95-47-6	o-Xylene	34.9		0.172	4.94
135-98-8	sec-Butylbenzene	4.94	U	0.116	4.94
1634-04-4	tert-Butyl methyl ether (MTBE)	4.94	U	0.073	4.94
98-06-6	tert-Butylbenzene	4.94	U	0.249	4.94
156-60-5	trans-1,2-Dichloroethene	4.94	U	0.162	4.94
110-57-6	trans-1,4-Dichloro-2-butene	4.94	U	0.712	4.94

GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4455.d
Lab Smp Id: 20607200611 Client Smp ID: SF4SB46-092-(1-2)
Inj Date : 22-JUL-2006 05:47
Operator : KCB Inst ID: msv4.i
Smp Info : 20607200611*SF4SB46-092-(1-2)
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 08:39 kcb Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.10000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
35 Cyclohexane	56	5.298	5.272	(0.829)	119548	21.8757	17.9	5998
$ 44 Dibromofluoromethane	111	5.588	5.568	(0.874)	217202	53.1098	43.5	3055
46 2-Butanone	43	5.736	5.710	(0.898)	81759	7.81812	6.41	
53 Benzene	78	5.979	5.958	(0.936)	262220	22.3244	18.3	8264
$ 54 1,2-Dichloroethane-d4	67	6.122	6.096	(0.958)	128625	46.3539	38.0	9534
* 58 FLUOROBENZENE	96	6.391	6.370	(1.000)	594495	50.0000		9485
59 Methyl cyclohexane	83	6.533	6.513	(1.022)	26153	6.08052	4.98	9071
$ 76 Toluene-d8	98	7.826	7.801	(0.854)	522807	65.8591	54.0	9382
77 Toluene +	91	7.863	7.848	(0.858)	25389	2.72479	2.23	6870
* 90 Chlorobenzene-d5	82	9.162	9.136	(1.000)	204053	50.0000		9236
92 Ethylbenzene +	91	9.188	9.168	(1.003)	1172822	106.403	87.2	7164
95 p,m-Xylene	106	9.315	9.289	(1.017)	60042	15.9183	13.0	9543
96 o-Xylene	106	9.679	9.659	(1.056)	131033	35.3214	29.0	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
101 Isopropylbenzene	105	9.943	9.917	(1.085)	10806940	1248.28	1020	9174(A)
$ 103 Bromofluorobenzene	174	10.196	10.176	(1.113)	147285	54.2426	44.5	9103
114 1,2,4-Trimethylbenzene	105	10.788	10.767	(0.967)	52812	8.37805	6.87	
* 121 1,4-DICHLOROBENZENE-D4	152	11.152	11.131	(1.000)	126007	50.0000		8929
M 124 TOTAL XYLENE	106				191075	51.2396	42.0	0
129 Napthalene	128	13.601	13.575	(1.220)	496294	77.1380	63.2	6583

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

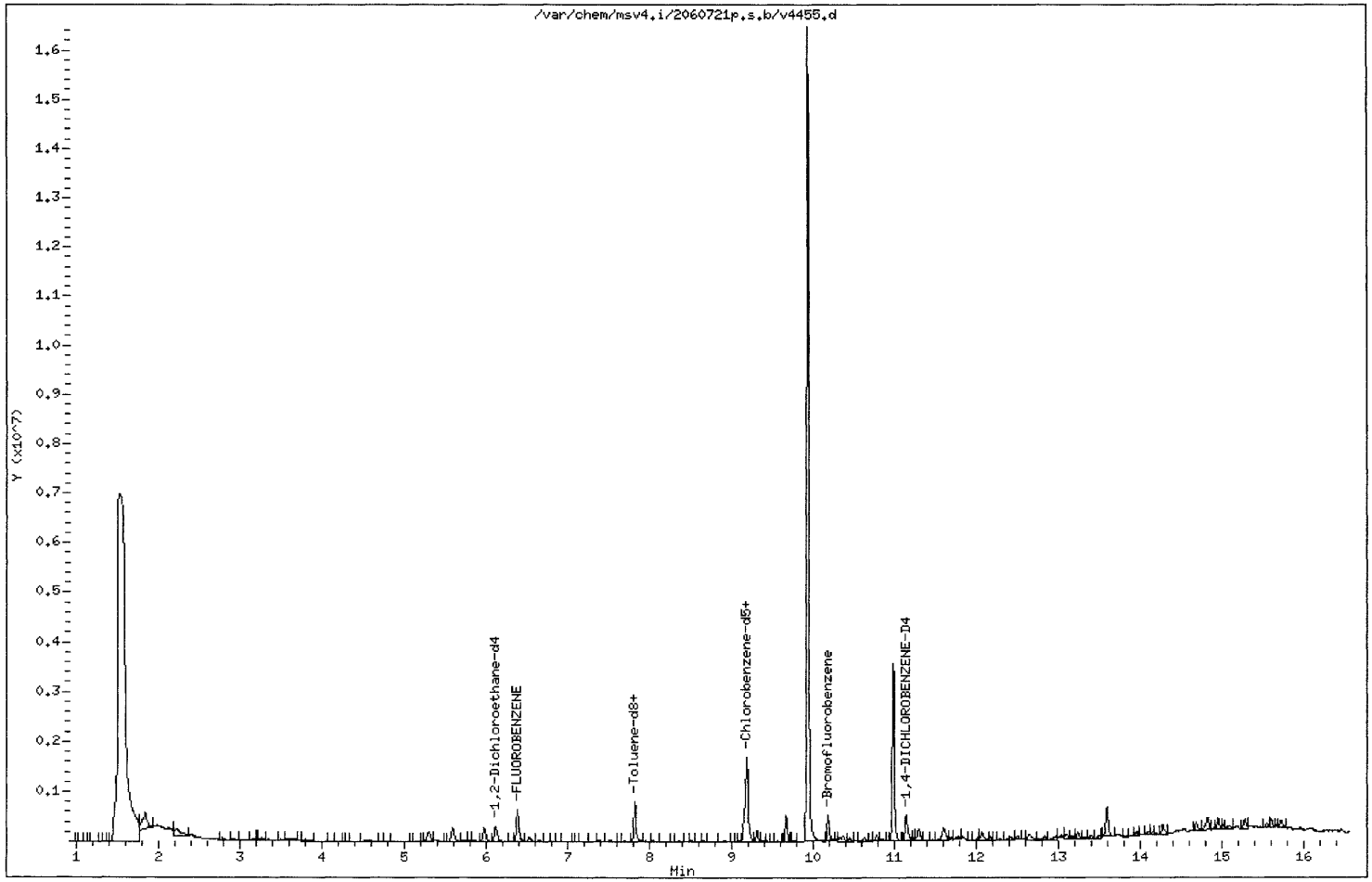
Data File: /var/chem/msv4.i/2060721p.s.b/v4455.d
Date : 22-JUL-2006 05:47
Client ID: SF4SB46-092-(1-2)
Sample Info: 20607200611*SF4SB46-092-(1-2)

Column phase: DB-624-30M

Page 1

Instrument: msv4.i

Operator: KCB
Column diameter: 0.53



188083

Data File: /var/chem/msv4.i/20060721p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

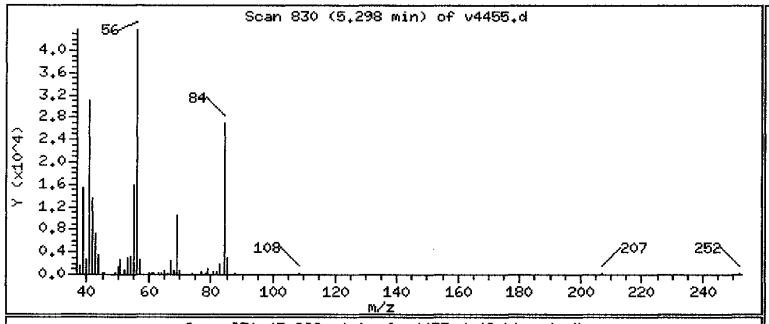
Operator: KCB

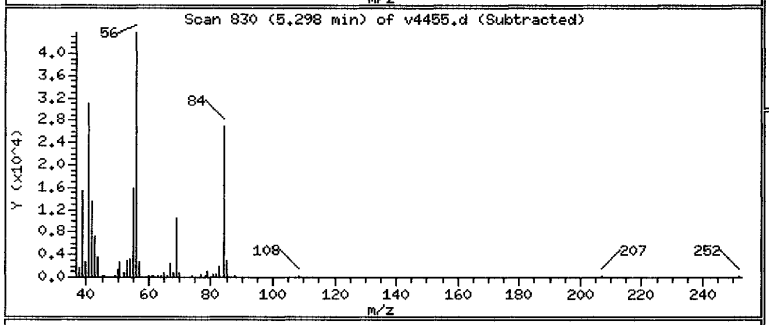
Column phase: DB-624-30M

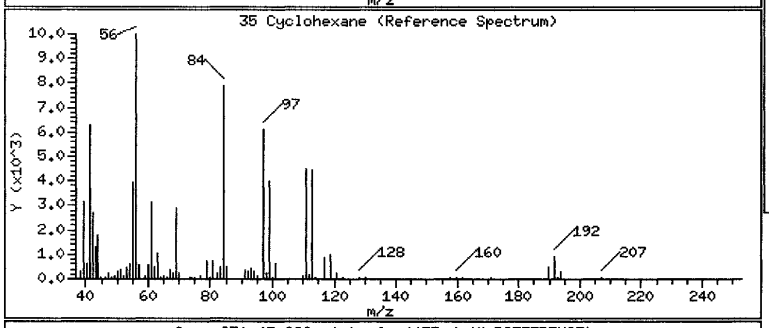
Column diameter: 0.53

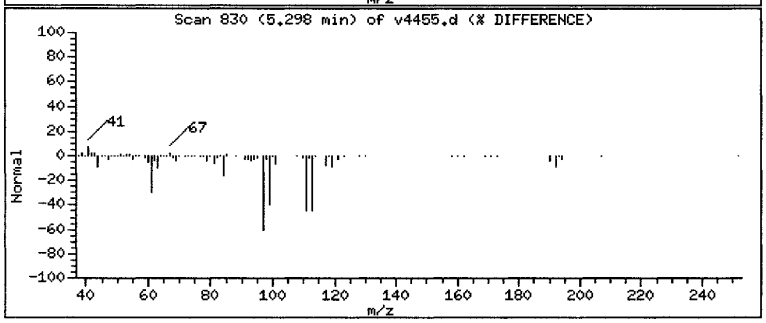
35 Cyclohexane

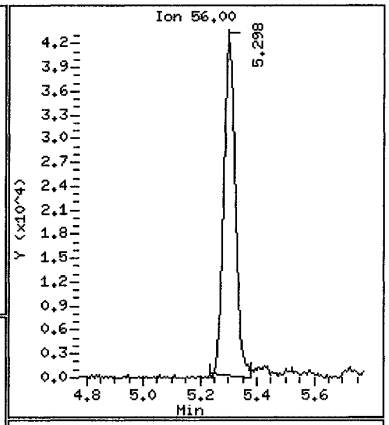
Concentration: 17.9 ug/Kg

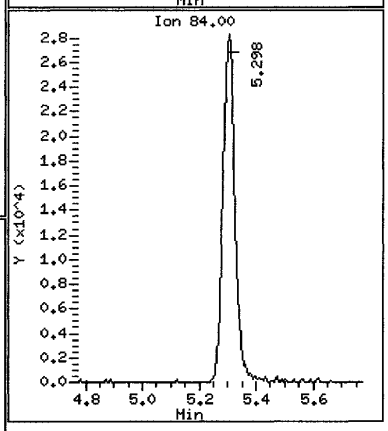












188084

Data File: /var/chem/msv4.i/2060721p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

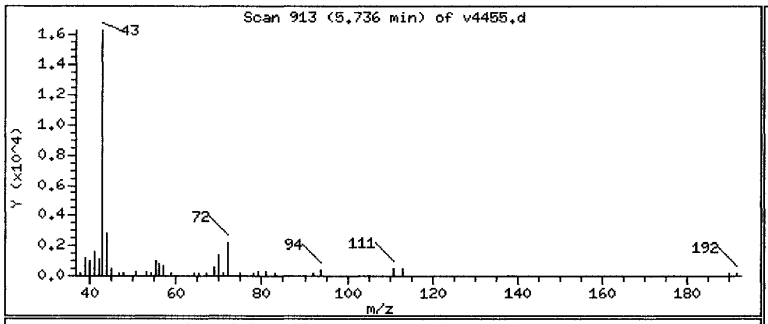
Operator: KCB

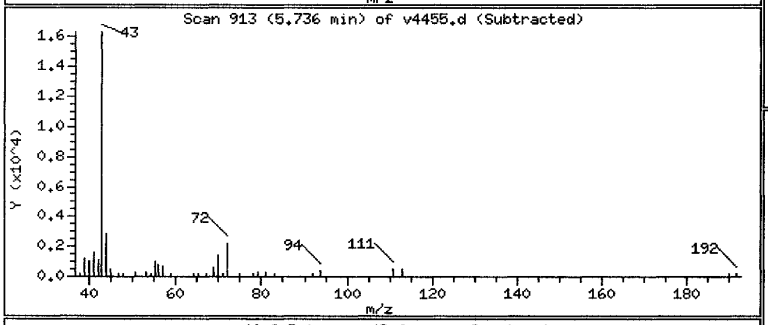
Column phase: DB-624-30M

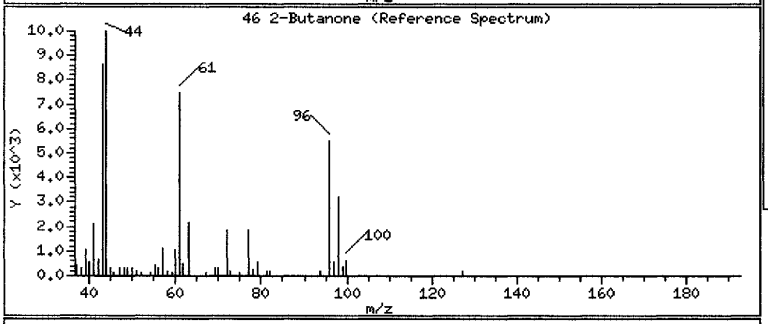
Column diameter: 0.53

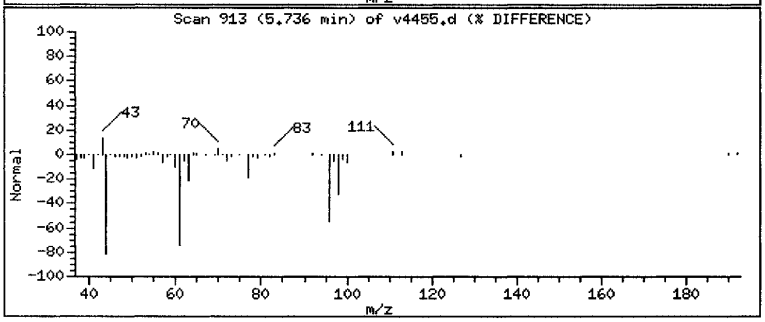
46 2-Butanone

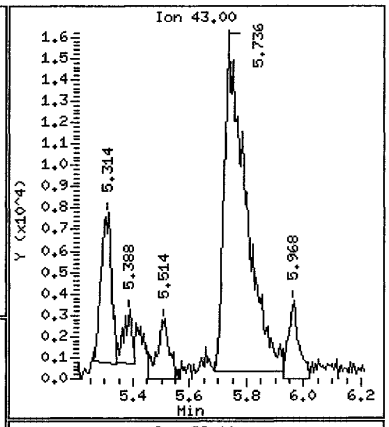
Concentration: 6.41 ug/Kg

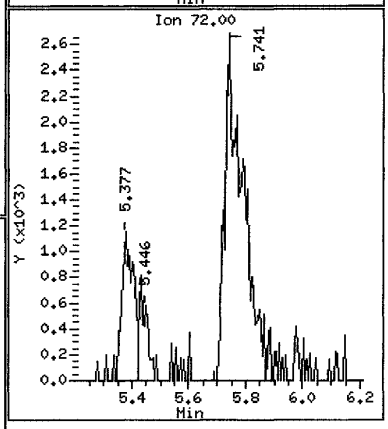












188085

Data File: /var/chem/msv4.i/20607 21p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

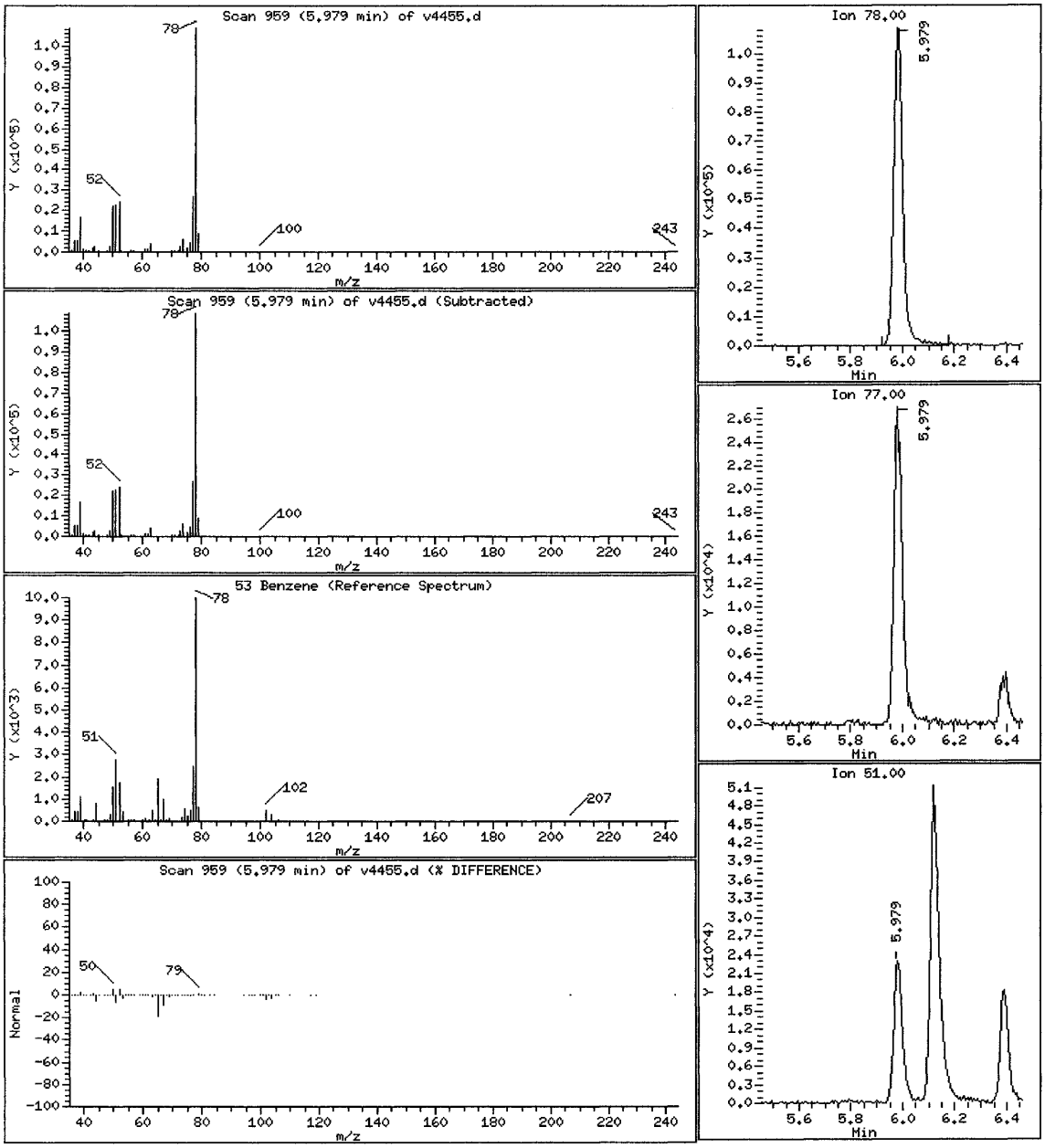
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

53 Benzene

Concentration: 18.3 ug/Kg



188086

Data File: /var/chem/msv4.i/20607 21p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

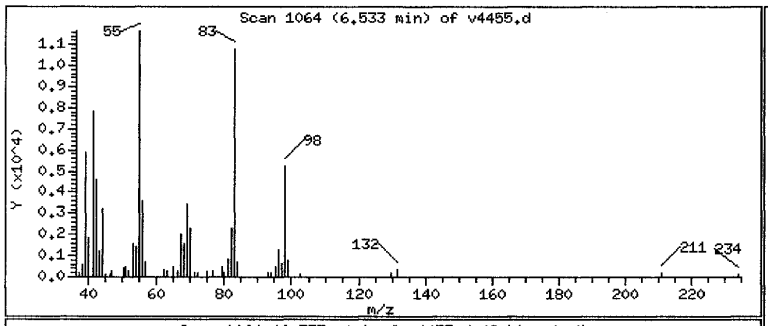
Operator: KCB

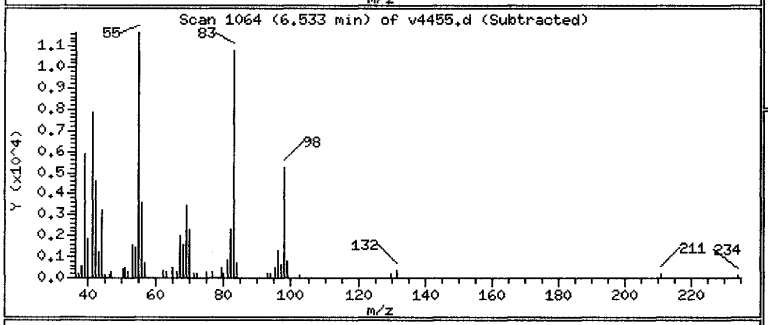
Column phase: DB-624-30M

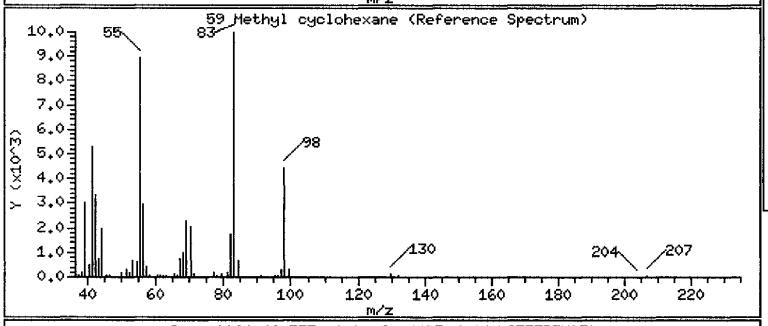
Column diameter: 0.53

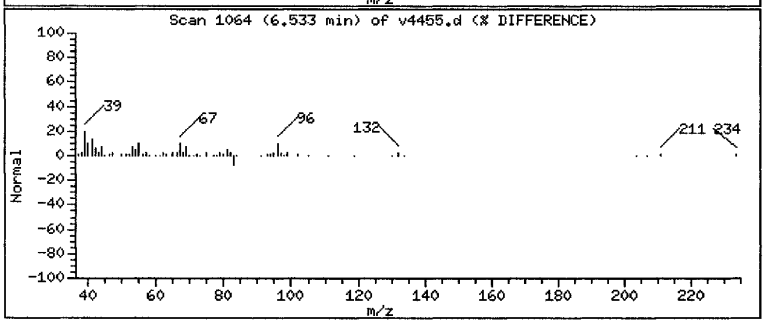
59 Methyl cyclohexane

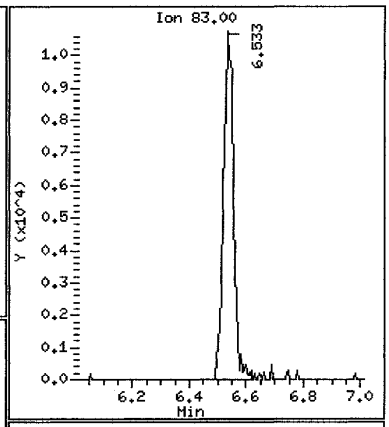
Concentration: 4.98 ug/Kg

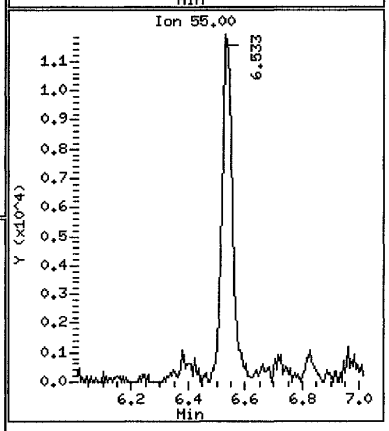












188087

Data File: /var/chem/msv4.i/2060721p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

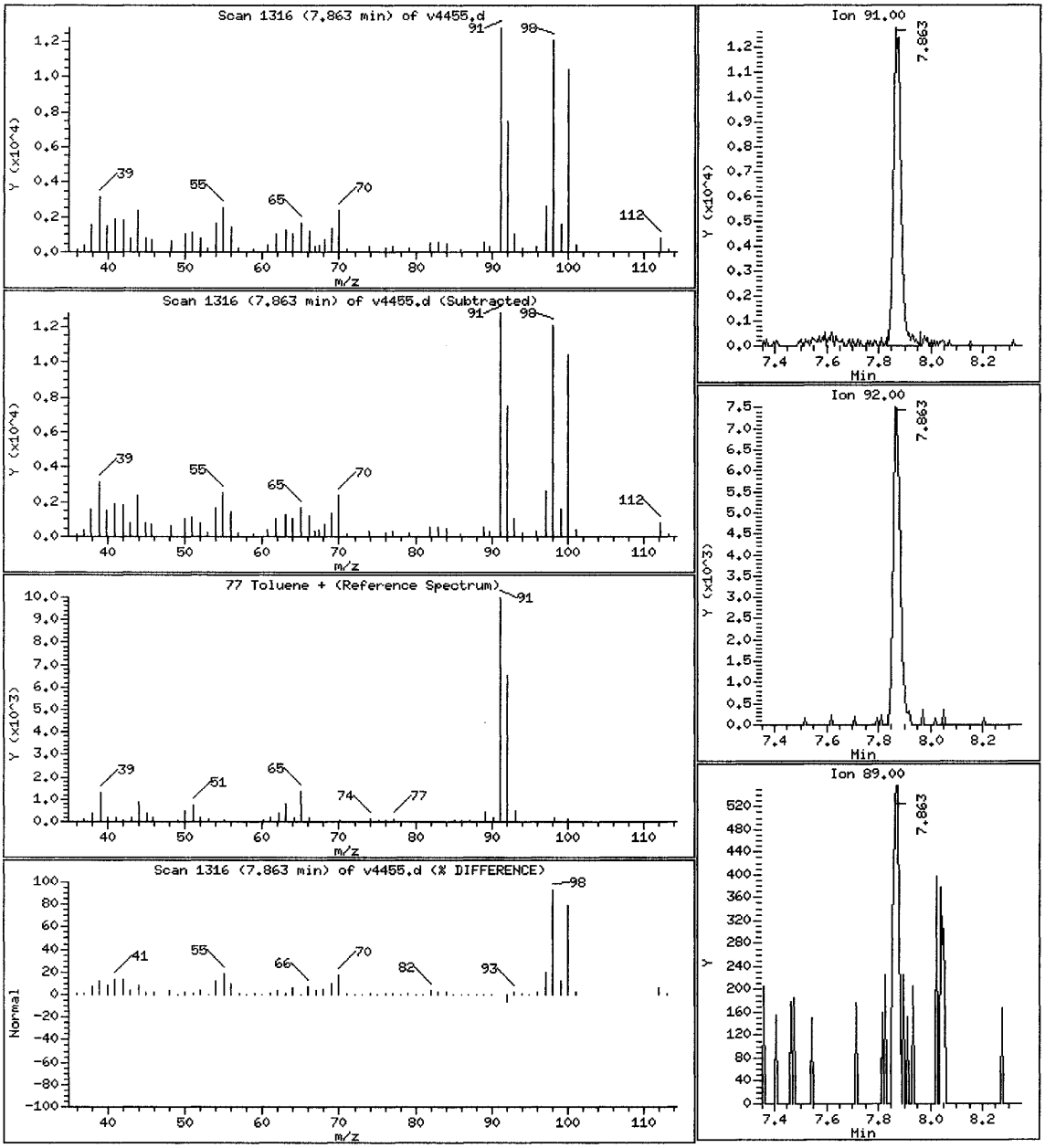
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

77 Toluene +

Concentration: 2.23 ug/Kg



188088

Data File: /var/chem/msv4.i/20060721p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

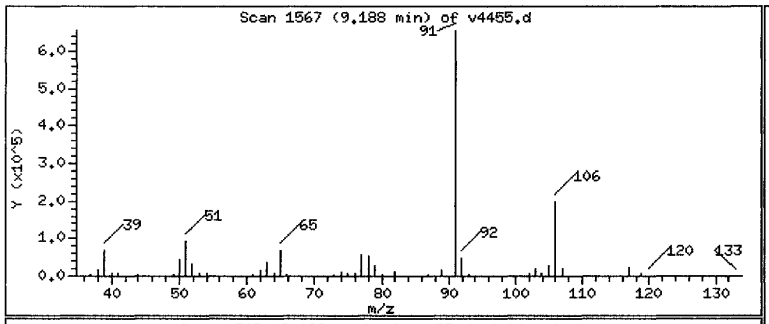
Operator: KCB

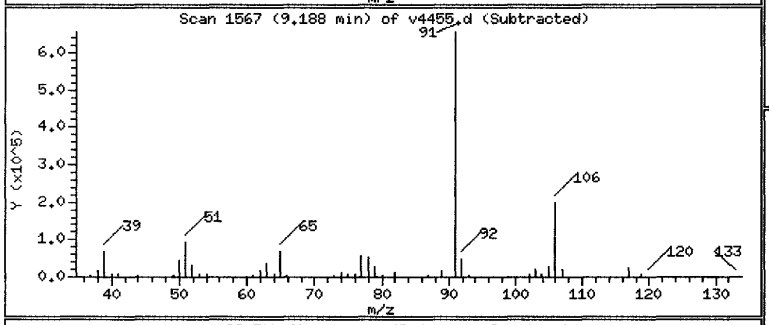
Column phase: DB-624-30M

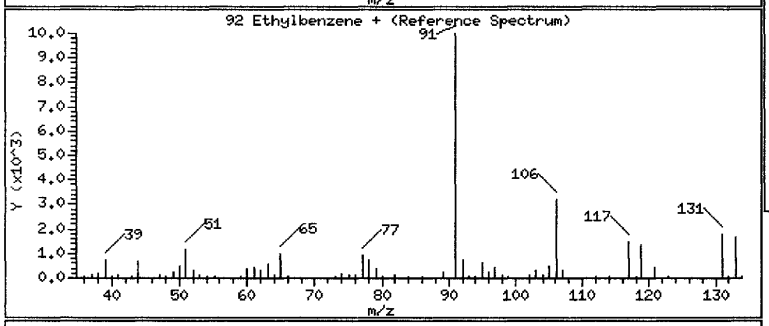
Column diameter: 0.53

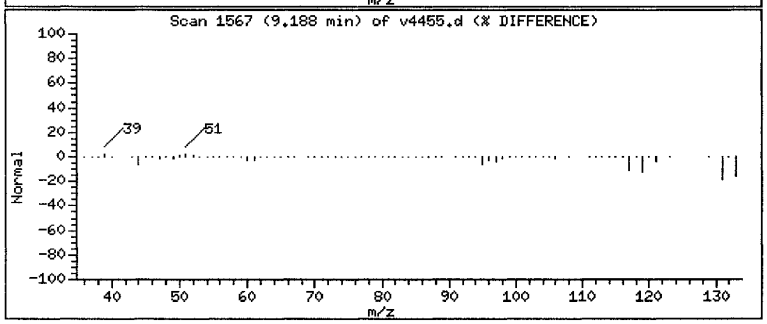
92 Ethylbenzene +

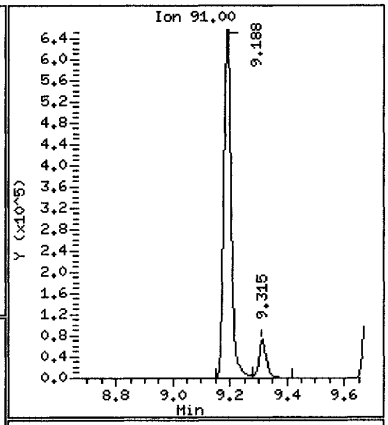
Concentration: 87.2 ug/Kg

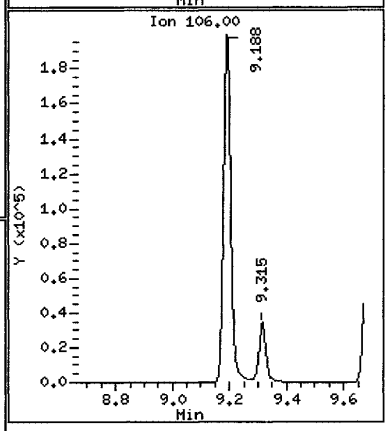












188089

Data File: /var/chem/msv4.i/2060721p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

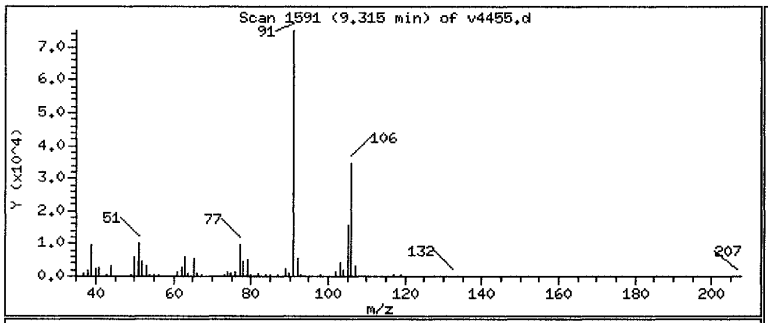
Operator: KCB

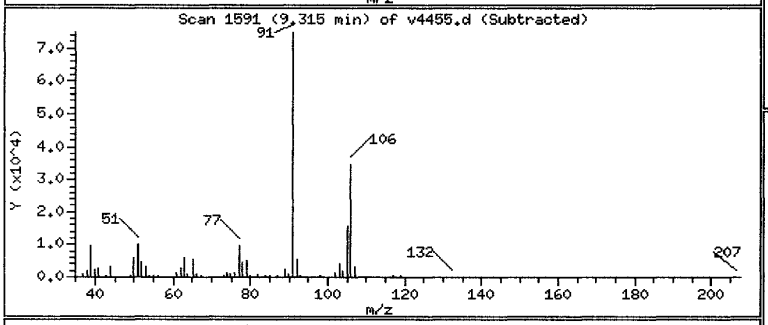
Column phase: DB-624-30M

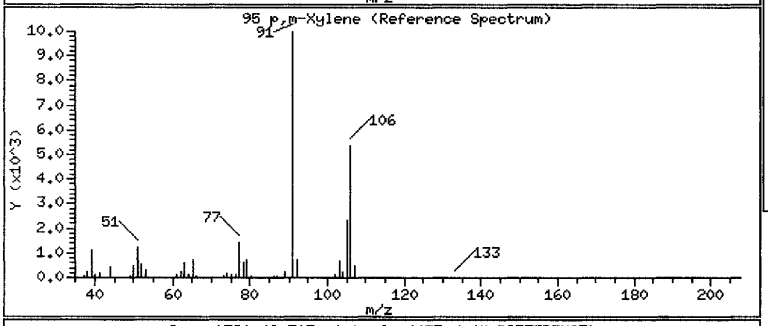
Column diameter: 0.53

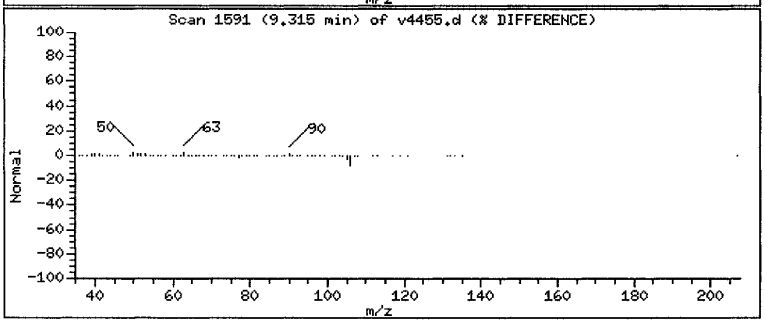
95 p,m-Xylene

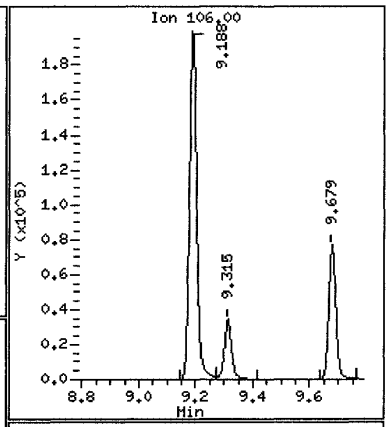
Concentration: 13.0 ug/Kg

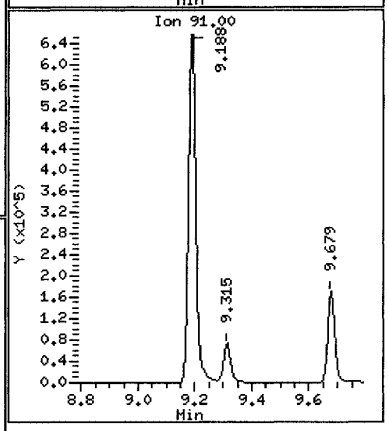












188090

Data File: /var/chem/msv4.i/2060721p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

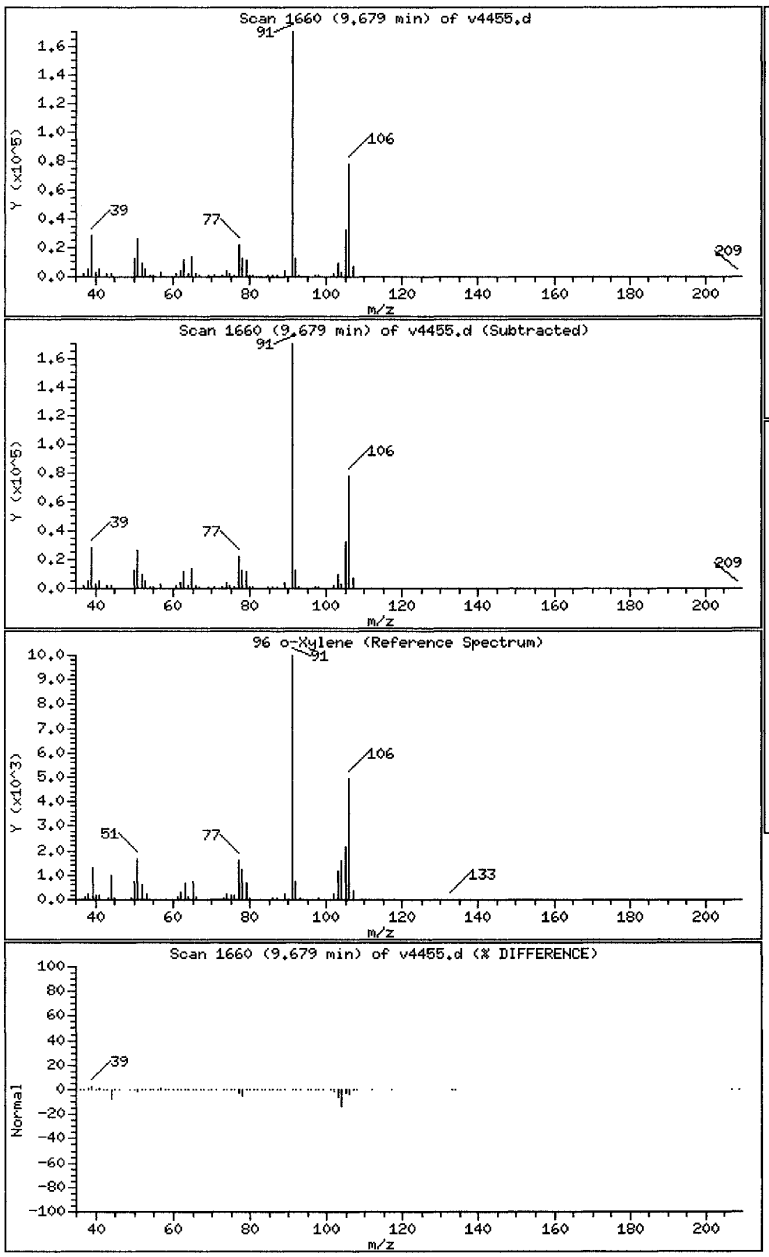
Operator: KCB

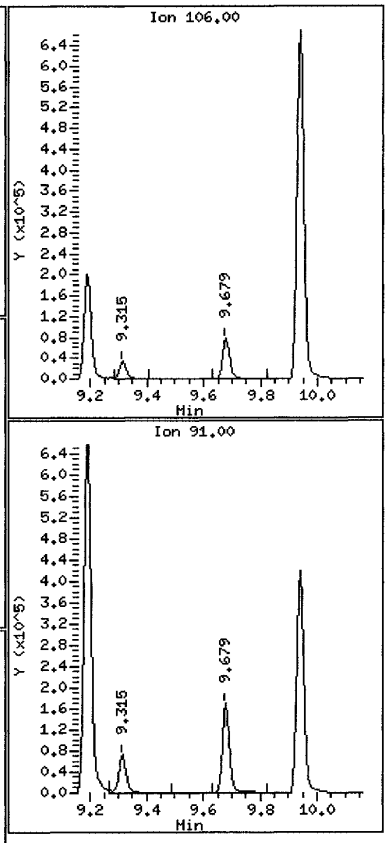
Column phase: DB-624-30M

Column diameter: 0.53

96 o-Xylene

Concentration: 29.0 ug/Kg





188091

Data File: /var/chem/msv4.i/2060721p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

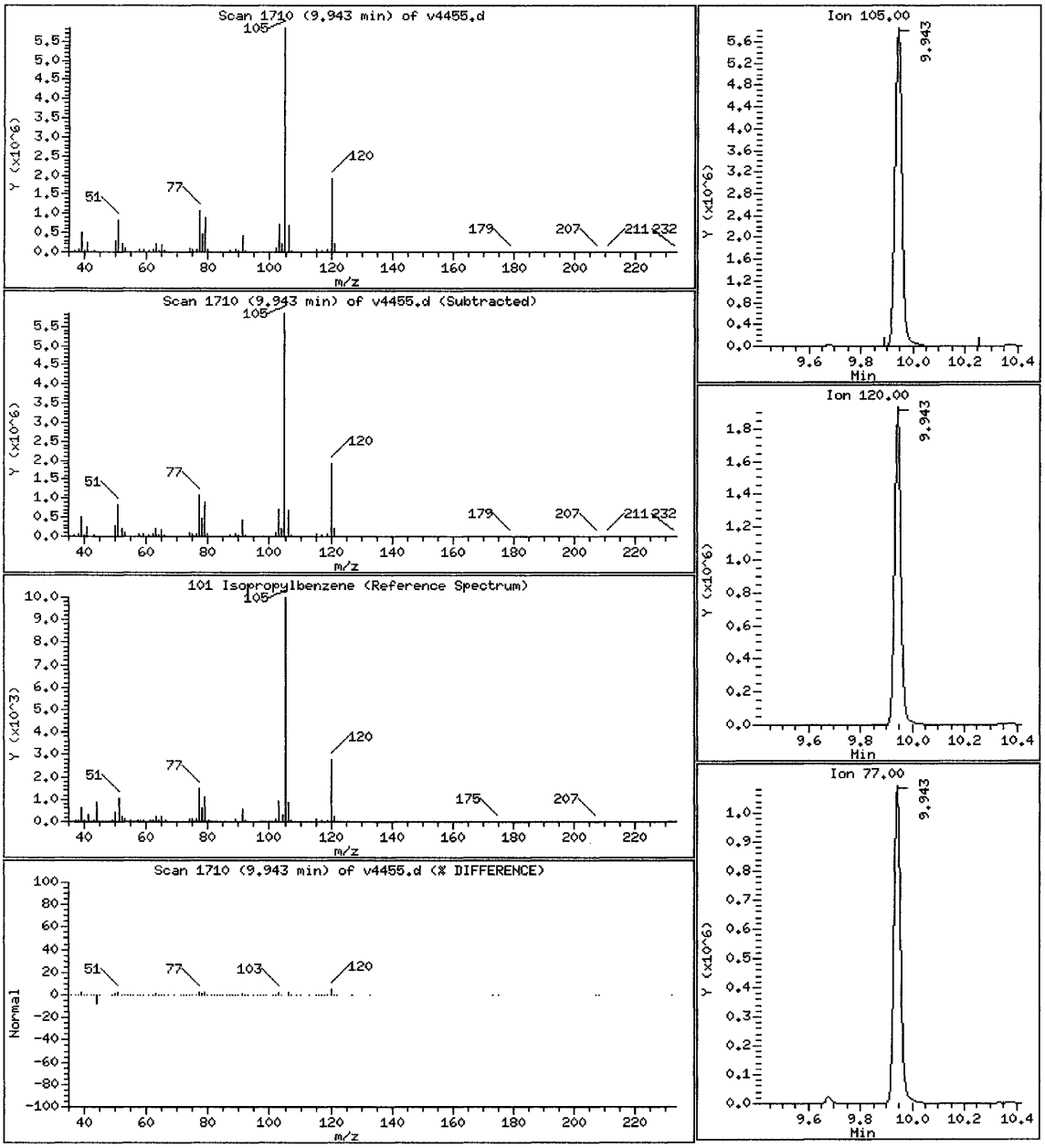
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

101 Isopropylbenzene

Concentration: 1020 ug/Kg



188092

Data File: /var/chem/msv4.i/2060721p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

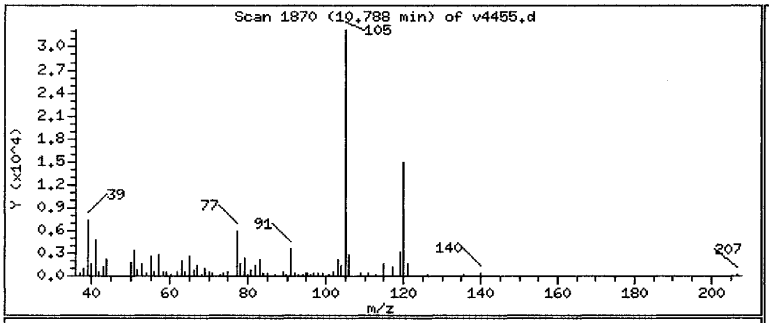
Operator: KCB

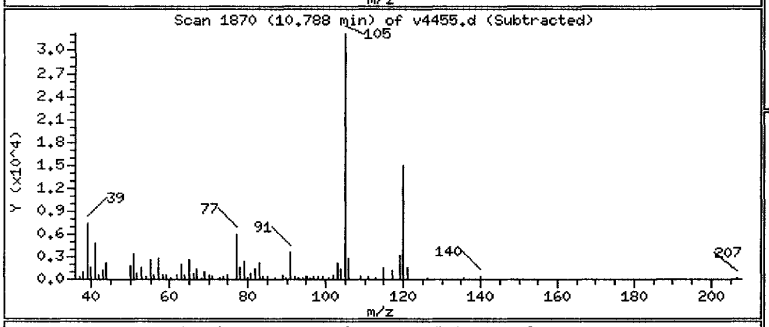
Column phase: DB-624-30M

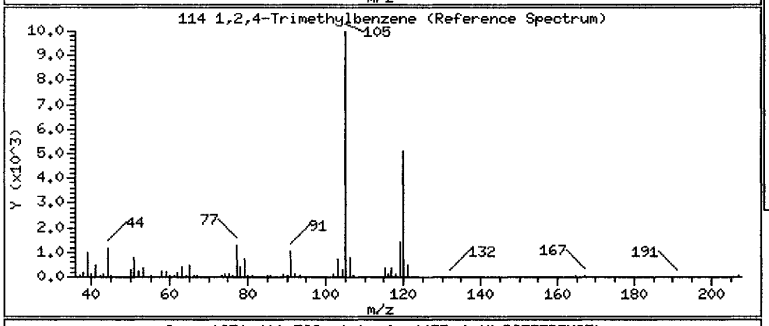
Column diameter: 0.53

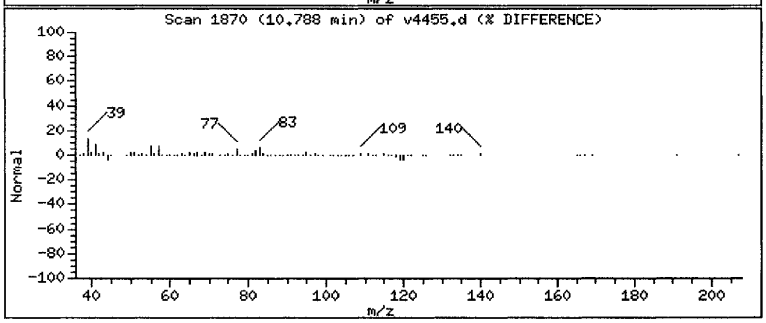
114 1,2,4-Trimethylbenzene

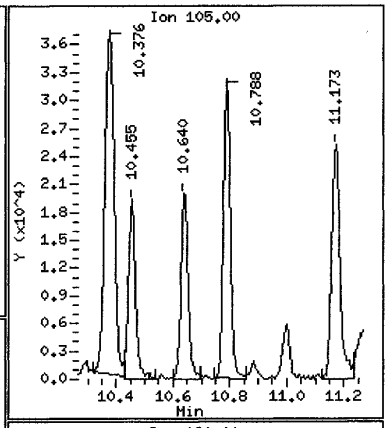
Concentration: 6.87 ug/Kg

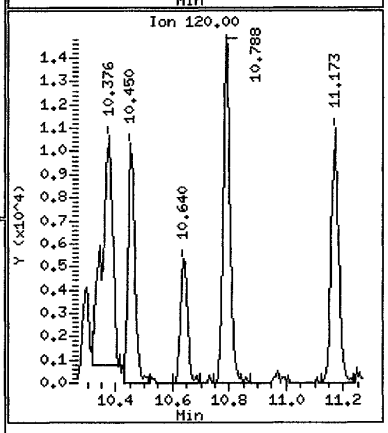












188093

Data File: /var/chem/msv4.i/20607 21p.s.b/v4455.d

Date : 22-JUL-2006 05:47

Client ID: SF4SB46-092-(1-2)

Instrument: msv4.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

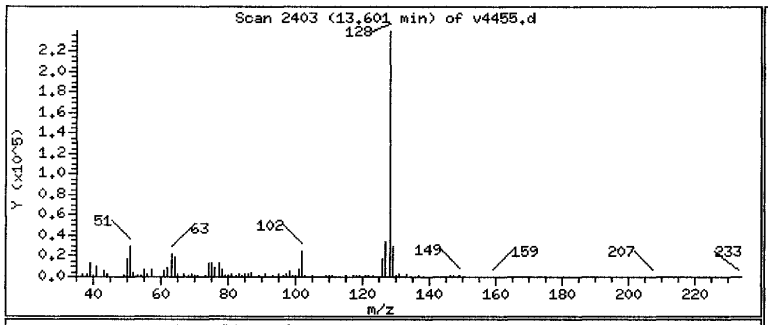
Operator: KCB

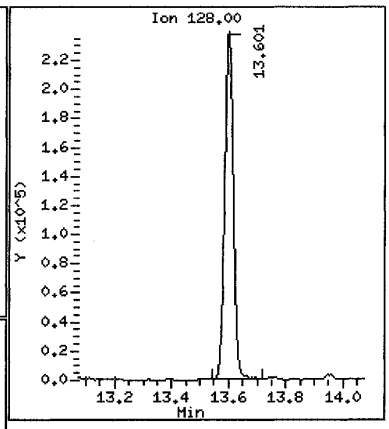
Column phase: DB-624-30M

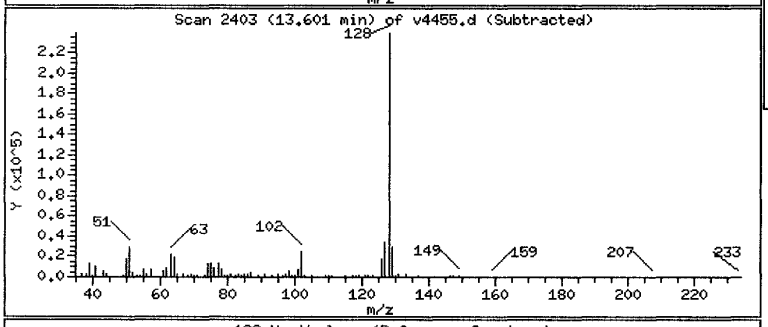
Column diameter: 0.53

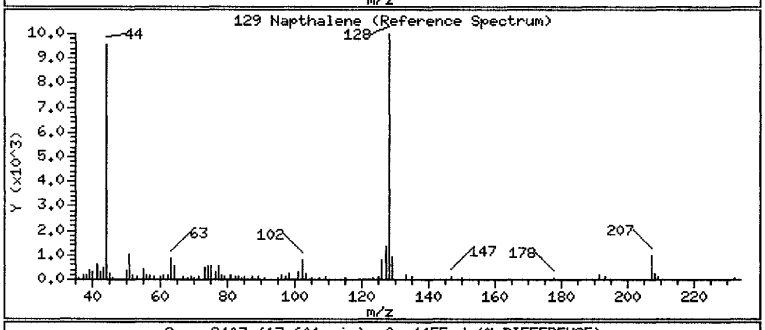
129 Napthalene

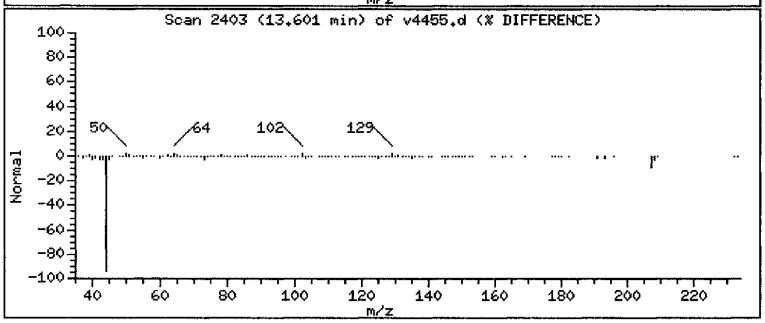
Concentration: 63.2 ug/Kg









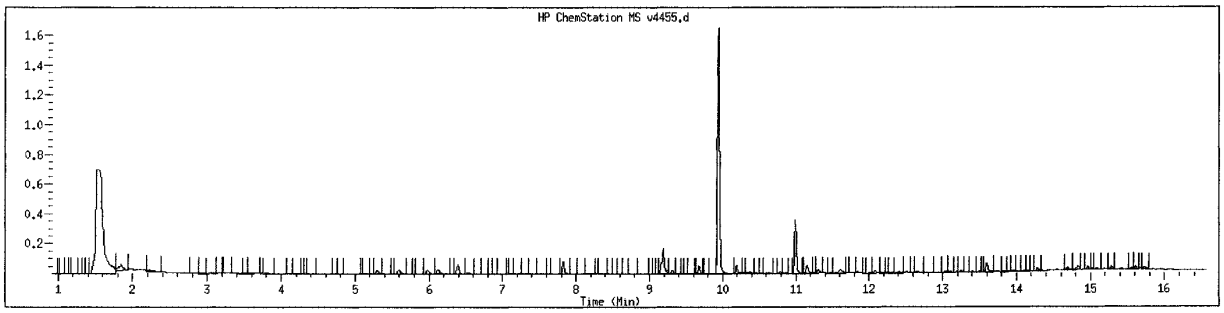


188094

Data file : /var/chem/msv4.i/2060721p.s.b/v4455.d Page: 1
Report Date: 07/22/2006 09:50

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200611 SampleType : SAMPLE
Injection Date: 22-JUL-2006 05:47 Instrument : msv4.i
Operator : KCB
Sample Info : 20607200611*SF4SB46-092-(1-2)
Misc Info : MSV~8723~*1*RSS
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b+nbutyl-ol



NO MANUAL INTEGRATIONS

188095

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SF4SB46-092-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.95 (g/ml) g

Lab Sample ID: 20607200611

Level: (low/med) LOW

Lab File ID: 2060727P/G6629

% Moisture: not dec. 17.0

Date Collected: 07/18/06 Time: 1700

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/28/06 Time: 0455

Soil Extract Volume: (µL)

Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-82-8	Isopropylbenzene (Cumene)	64900	E	7.75	253

FORM I VOA

188096

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6629.d
Lab Smp Id: 20607200611 Client Smp ID: SF4SB46-092-(1-2)
Inj Date : 28-JUL-2006 04:55
Operator : KCB Inst ID: msv5.i
Smp Info : 20607200611*SF4SB46-092-(1-2)
Misc Info : MSV~8768~*50*RSS
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 16-Aug-2006 14:14 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 11
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	5.95000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
17 Methylene Chloride	49	3.220	3.228	(0.592)	5734	1.62243	68.2	
21 Hexane	57	3.460	3.480	(0.636)	14625	2.96843	125	8704
34 Cyclohexane	56	4.600	4.610	(0.846)	95898	17.4547	733	6138
$ 39 Dibromofluoromethane	111	4.817	4.821	(0.886)	193185	53.4619	2250	1797
45 Benzene	78	5.122	5.126	(0.942)	21386	1.73592	72.9	
$ 48 1,2-Dichloroethane-d4	67	5.227	5.232	(0.961)	101918	50.1698	2110	
* 52 FLUOROBENZENE	96	5.438	5.437	(1.000)	656922	50.0000		
53 Methyl Cyclohexane	83	5.549	5.554	(1.020)	34217	6.38207	268	9175
$ 67 Toluene-d8	98	6.556	6.556	(0.860)	646171	56.8266	2390	
* 83 CHLOROBENZENE-d5	82	7.622	7.623	(1.000)	279479	50.0000		
85 Ethylbenzene +	106	7.634	7.641	(1.002)	72746	15.6558	658	
87 p,m-Xylene	106	7.734	7.736	(1.015)	55128	10.2208	429	

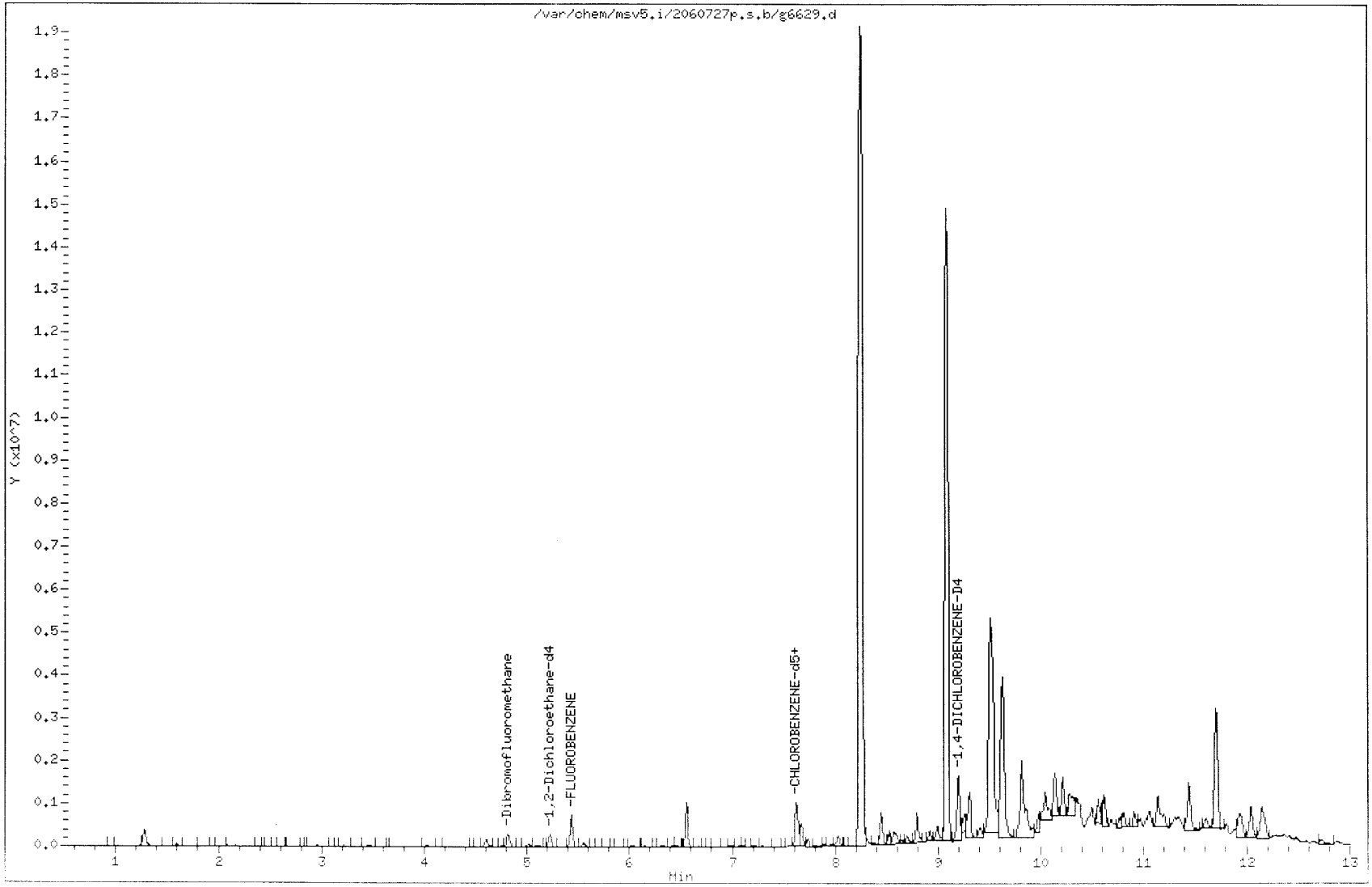
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
93 Isopropylbenzene	105	8.245	8.240	(1.082)	17641609	1282.02	53900	(AH)
$ 94 Bromofluorobenzene	174	8.446	8.445	(1.108)	195325	53.2970	2240	
* 111 1,4-DICHLOROBENZENE-D4	152	9.196	9.199	(1.000)	231689	50.0000		
# 124 TOTAL XYLENE	106				55128	10.2208	429	
125 Naphthalene	128	10.617	10.624	(1.154)	444527	41.1163	1730	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d
Date : 28-JUL-2006 04:55
Client ID: SF4SB46-092-(1-2)
Sample Info: 20607200611*SF4SB46-092-(1-2)
Purge Volume: 5.0
Column phase: DB-VRX-30M

Instrument: msv5.i
Operator: KCB
Column diameter: 0.53



Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

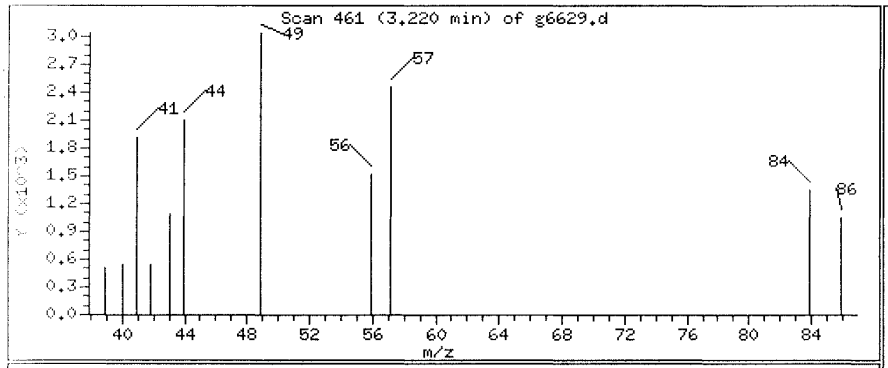
Operator: KCB

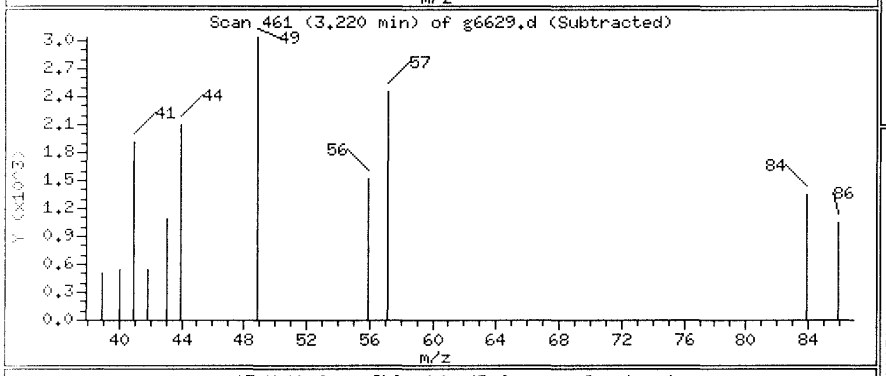
Column phase: DB-VRX-30M

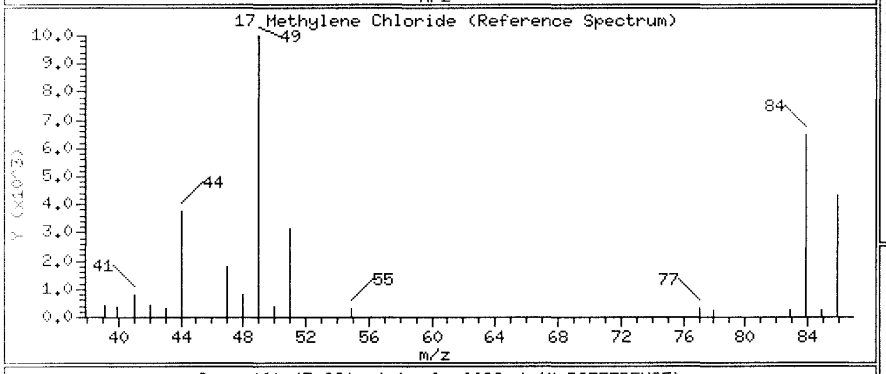
Column diameter: 0.53

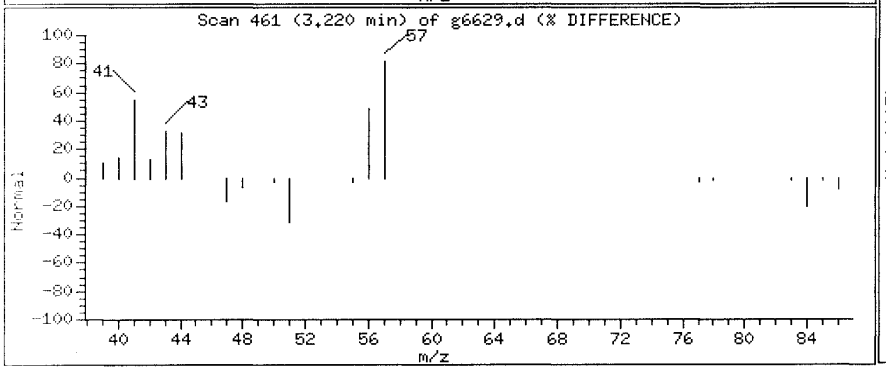
17 Methylene Chloride

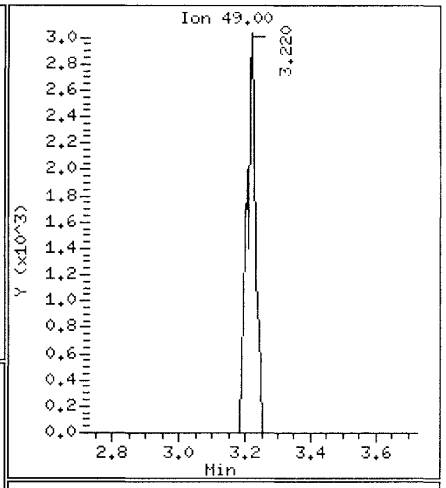
Concentration: 68.2 UG/KG

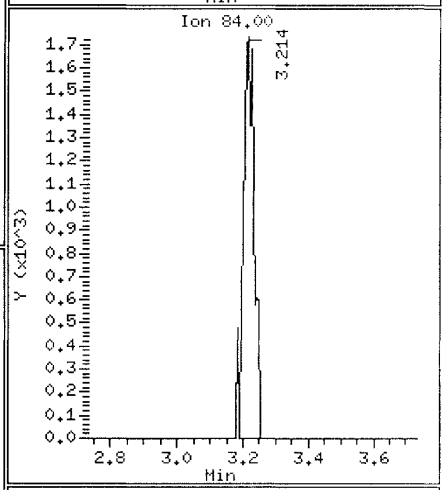


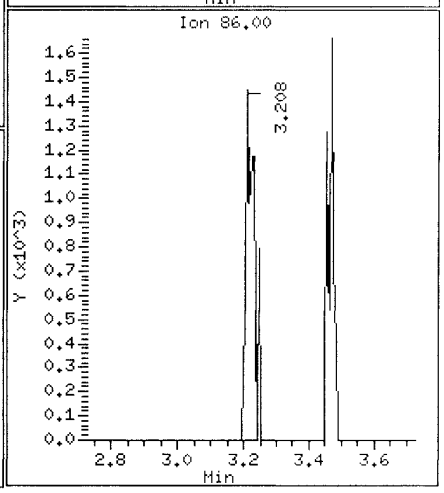












188100

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

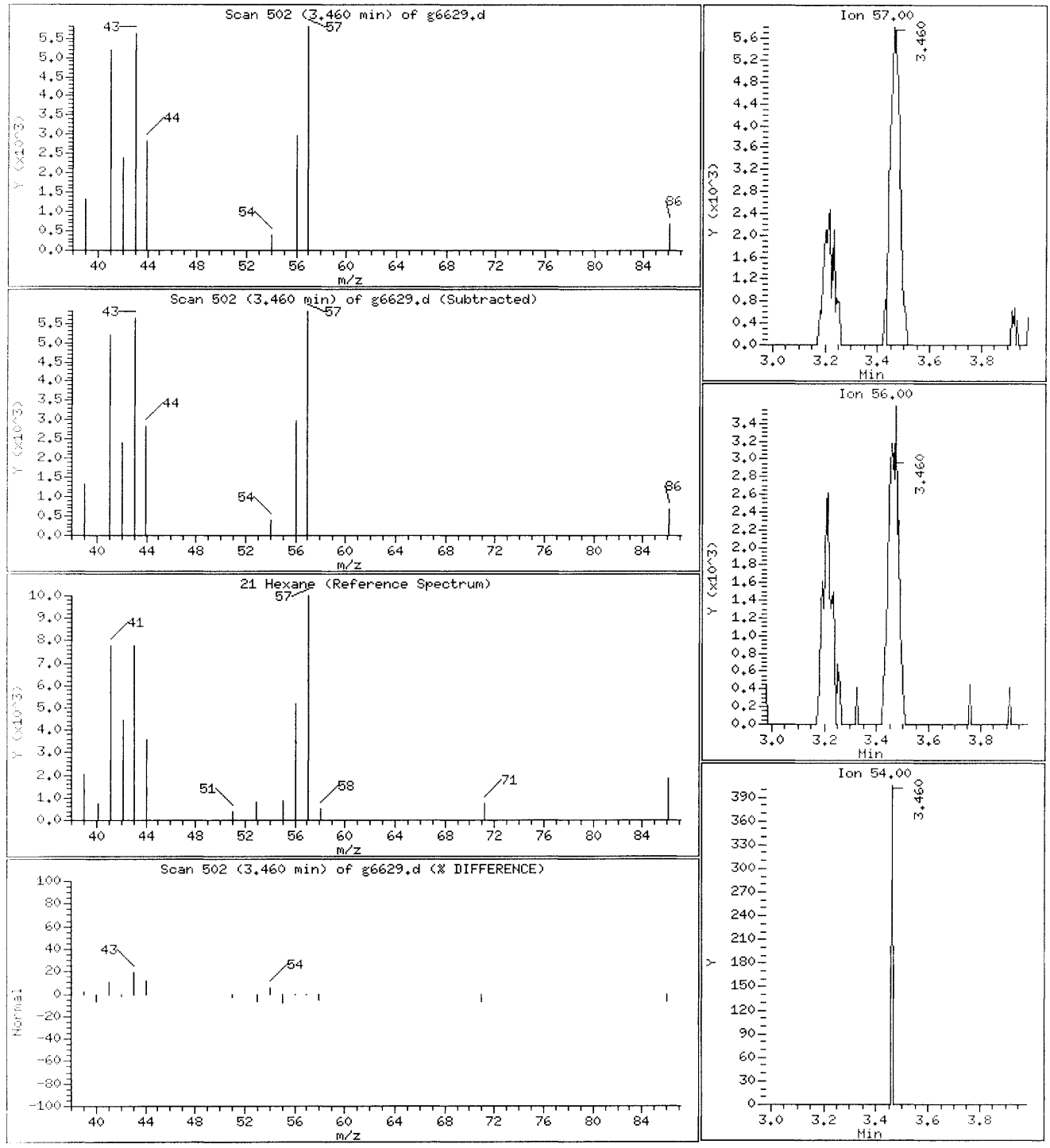
Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53

21 Hexane

Concentration: 125 UG/KG



188101

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

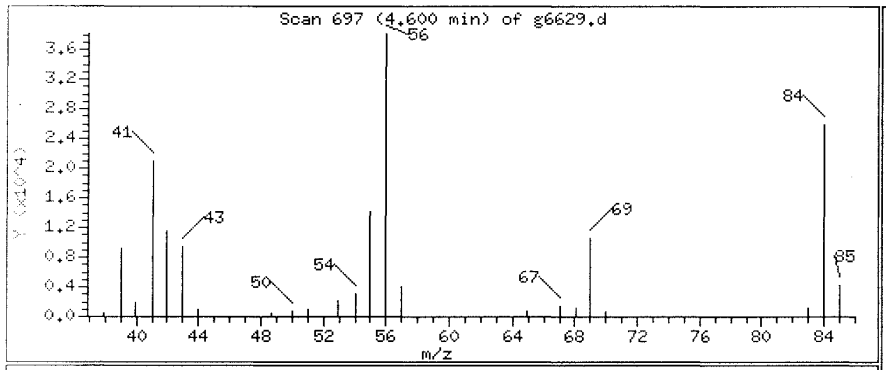
Operator: KCB

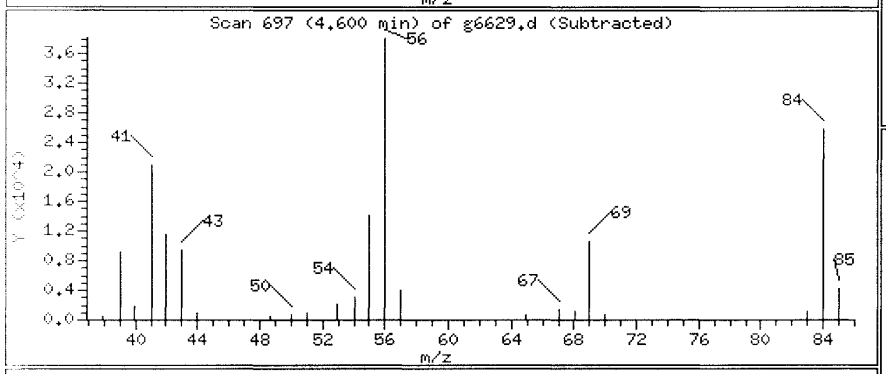
Column phase: DB-VRX-30M

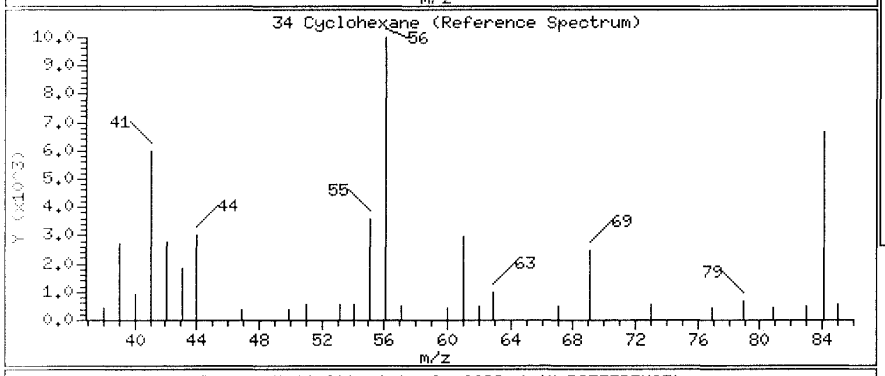
Column diameter: 0.53

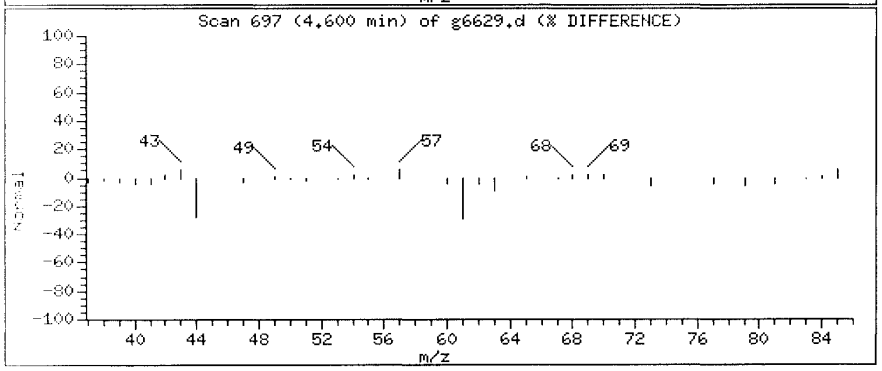
34 Cyclohexane

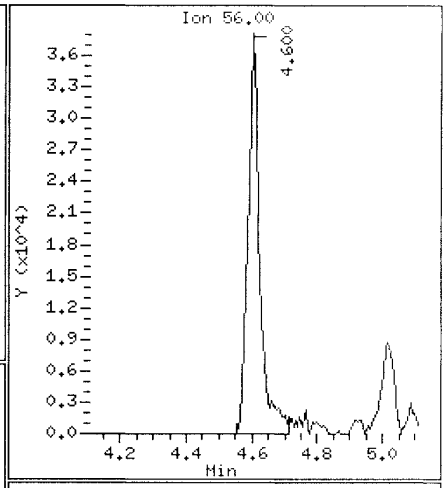
Concentration: 733 UG/KG

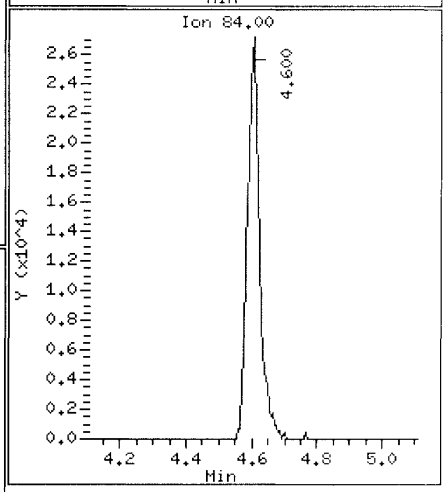












188102

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

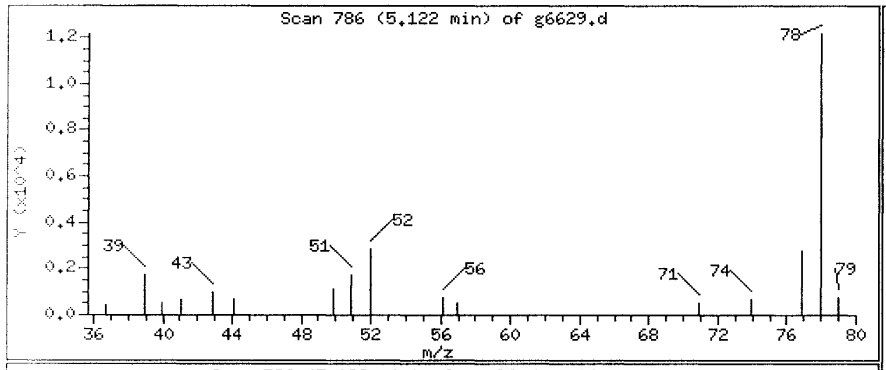
Operator: KCB

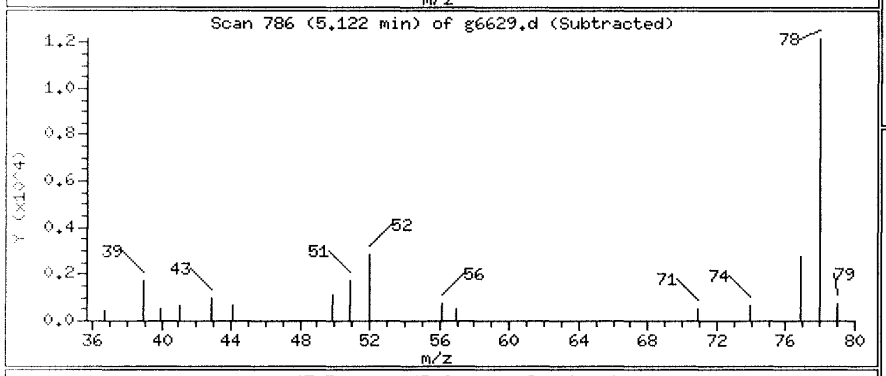
Column phase: DB-VRX-30M

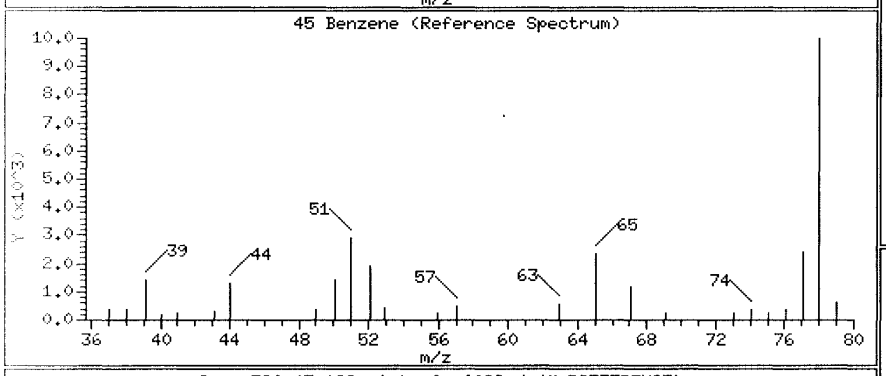
Column diameter: 0.53

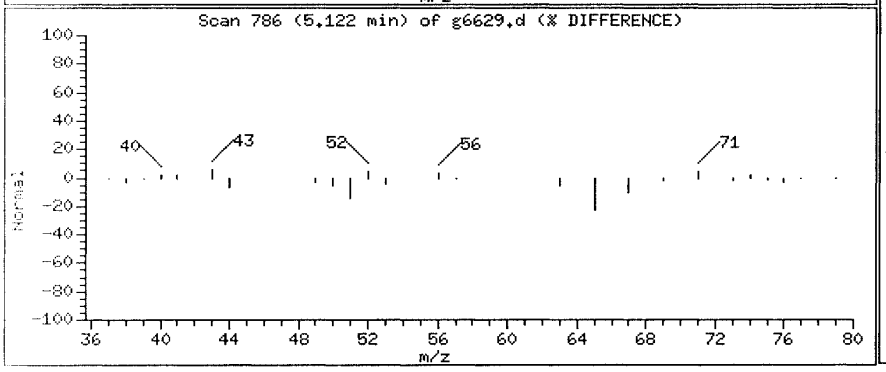
45 Benzene

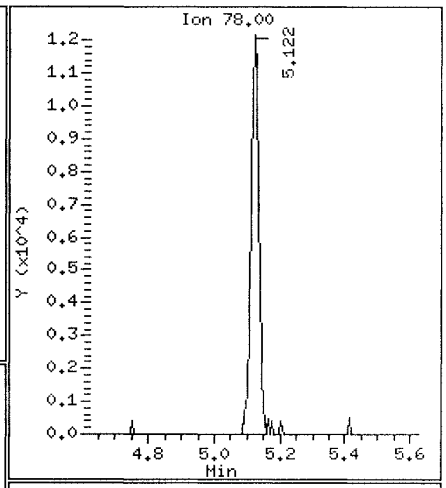
Concentration: 72.9 UG/KG

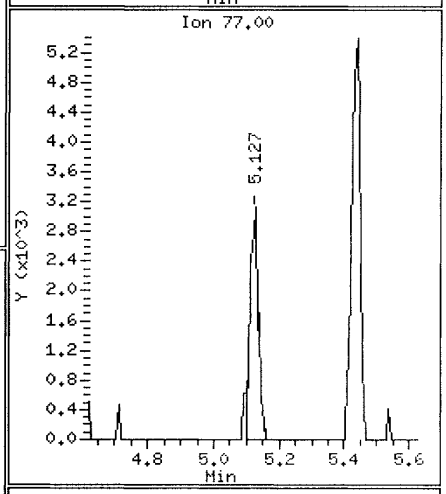


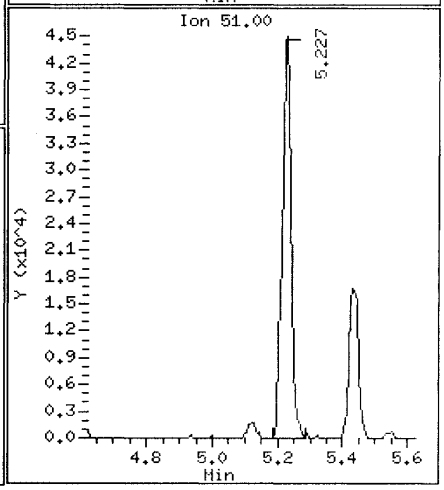












188103

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

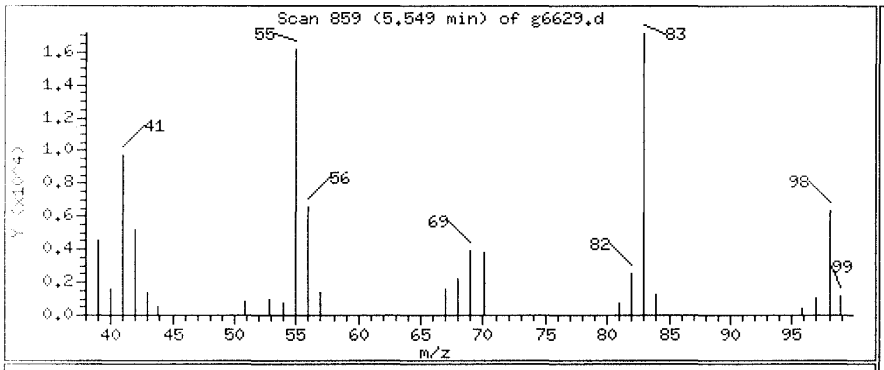
Operator: KCB

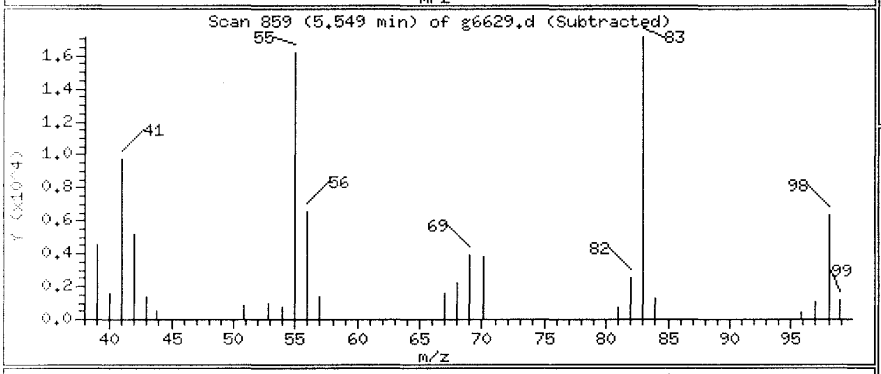
Column phase: DB-VRX-30M

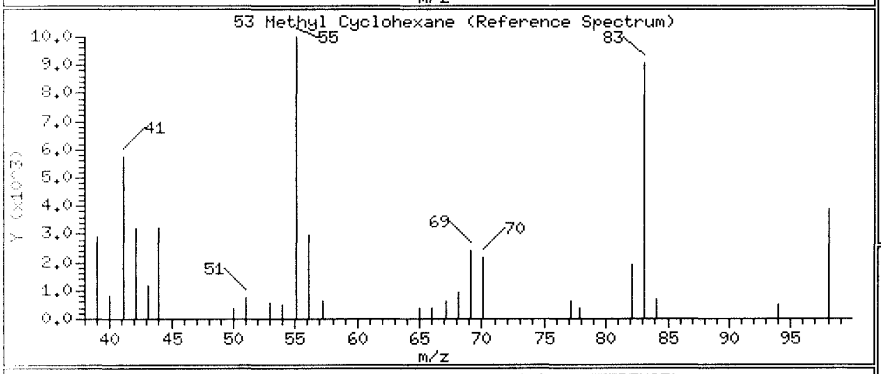
Column diameter: 0.53

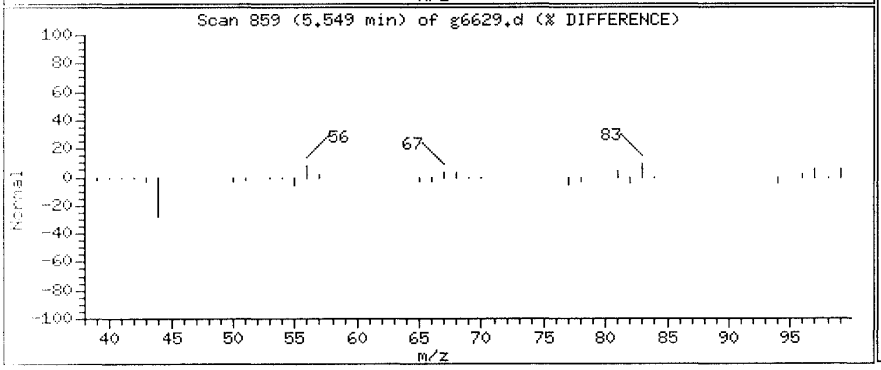
53 Methyl Cyclohexane

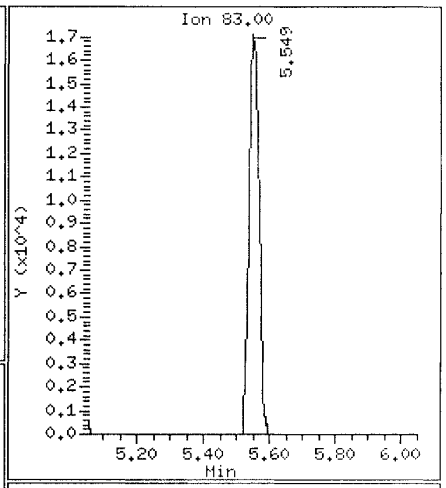
Concentration: 268 UG/KG

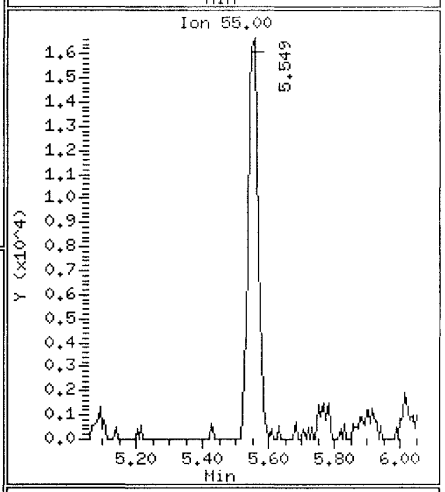


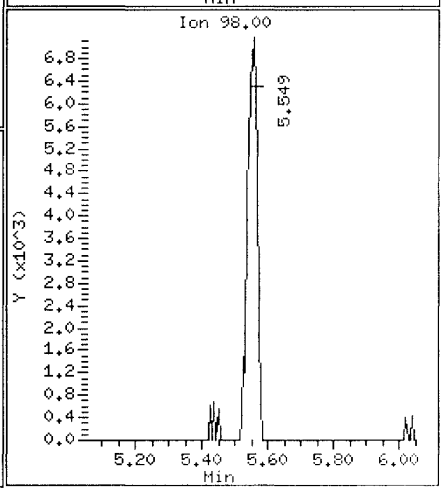












188104

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

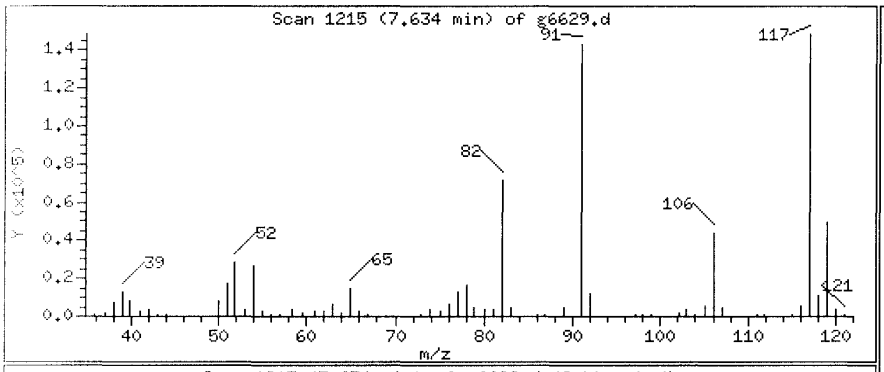
Operator: KCB

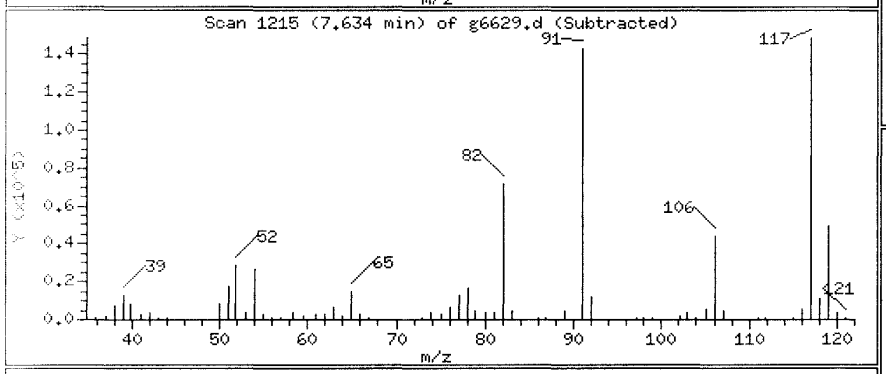
Column phase: DB-VRX-30M

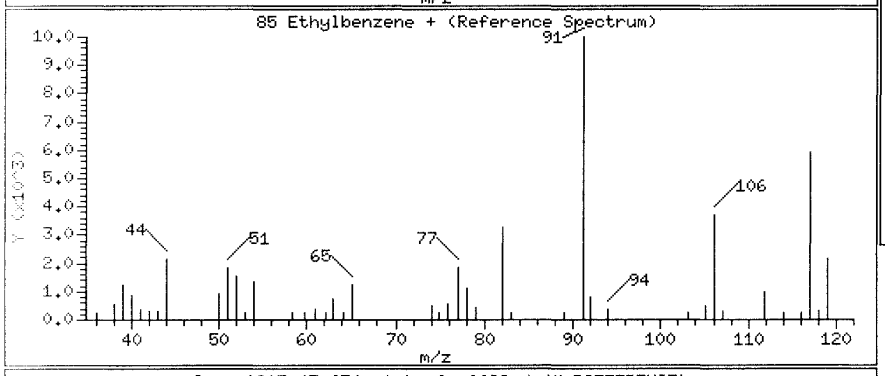
Column diameter: 0.53

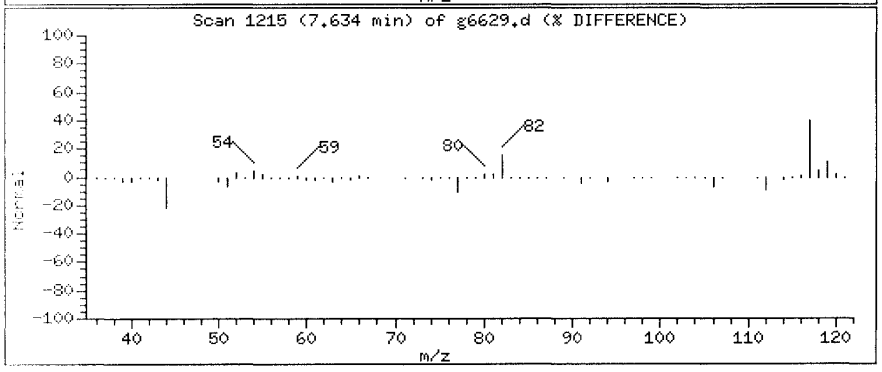
85 Ethylbenzene +

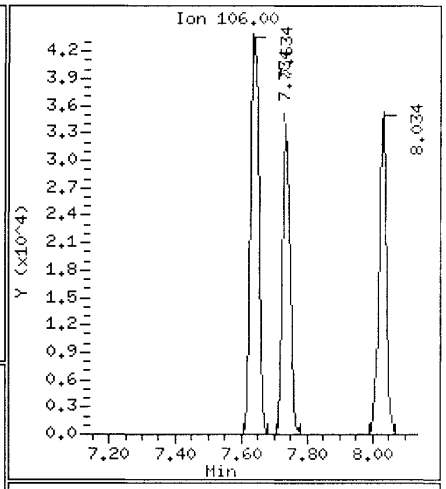
Concentration: 658 UG/KG

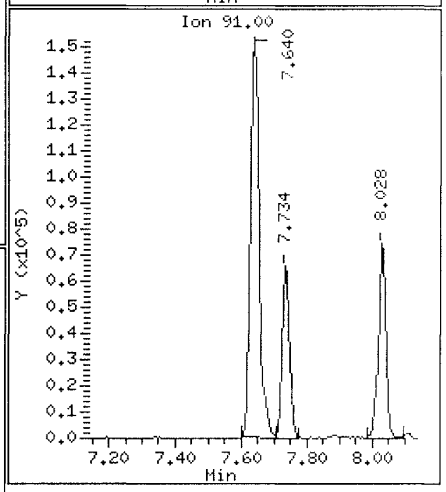












188105

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

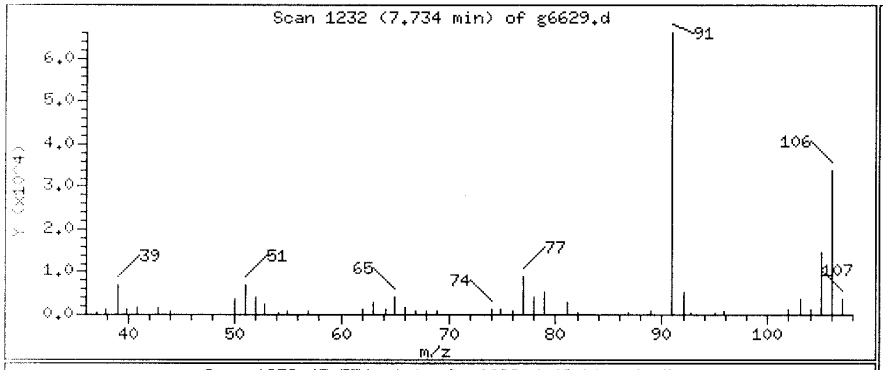
Operator: KCB

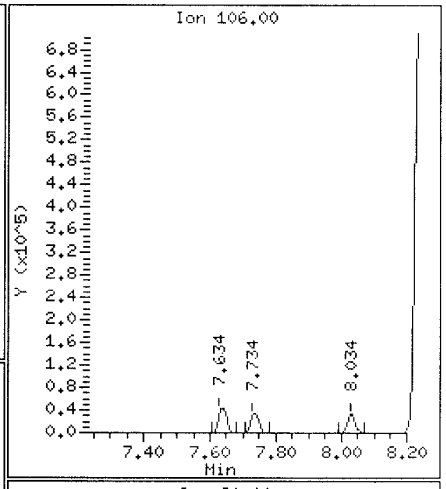
Column phase: DB-VRX-30M

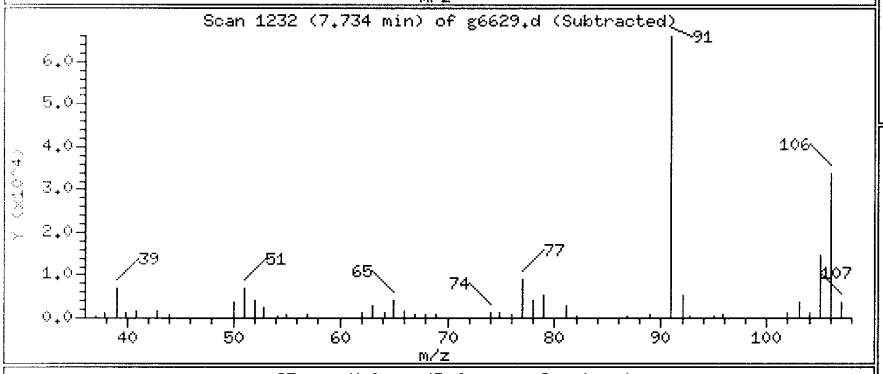
Column diameter: 0.53

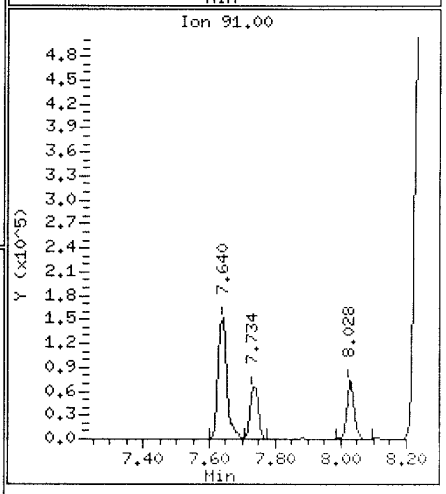
87 p,m-Xylene

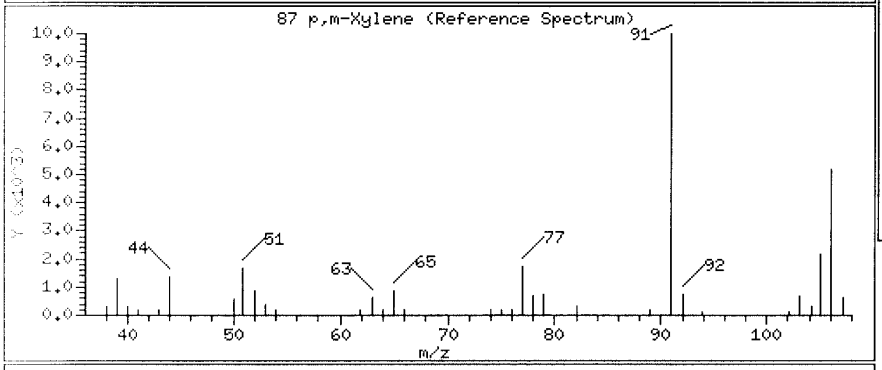
Concentration: 429 UG/KG

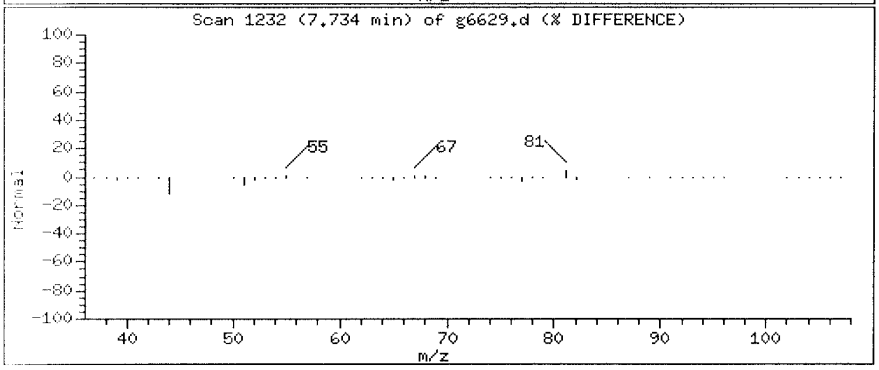












188106

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

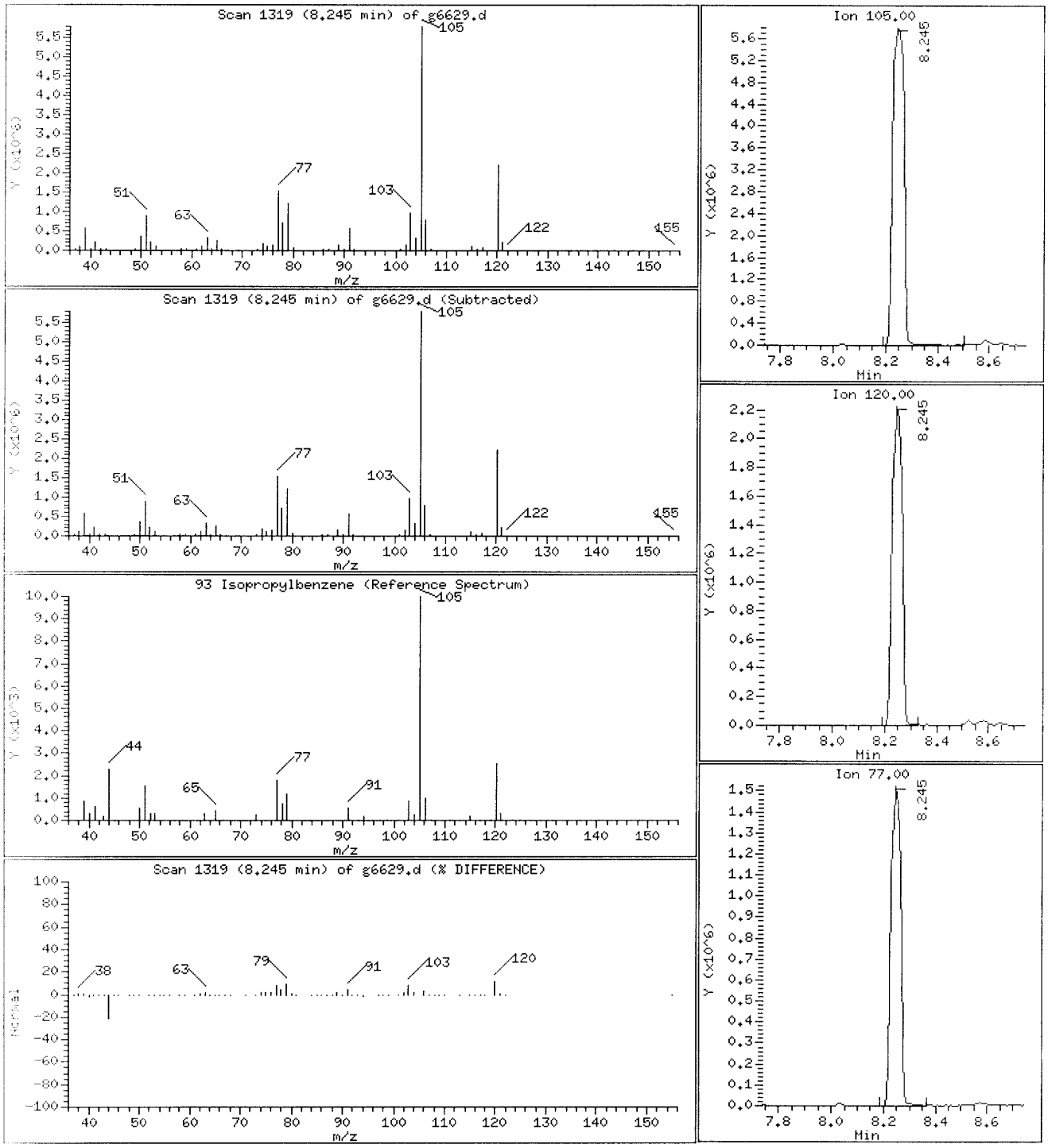
Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53

93 Isopropylbenzene

Concentration: 53900 UG/KG



188107

Data File: /var/chem/msv5.i/2060727p.s.b/g6629.d

Date : 28-JUL-2006 04:55

Client ID: SF4SB46-092-(1-2)

Instrument: msv5.i

Sample Info: 20607200611*SF4SB46-092-(1-2)

Purge Volume: 5.0

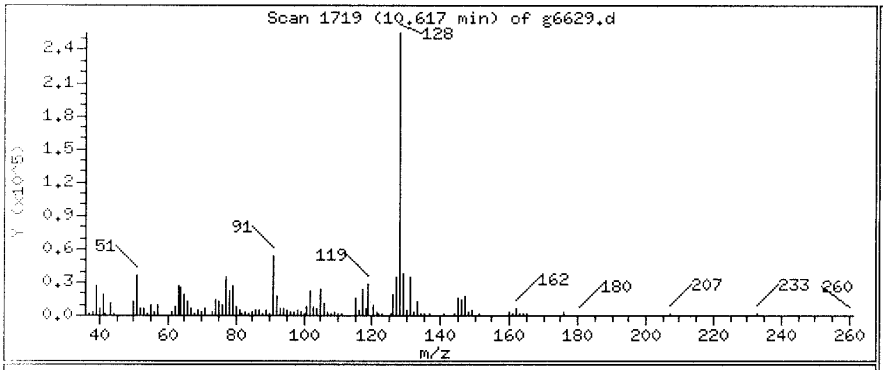
Operator: KCB

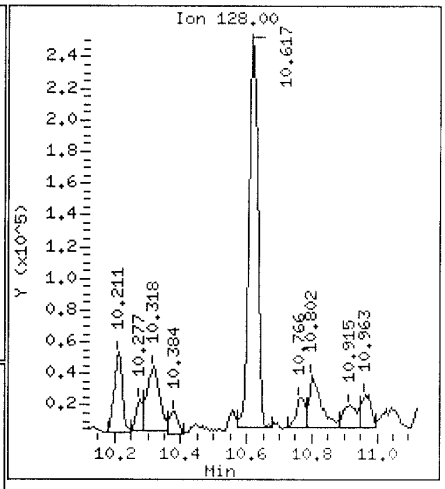
Column phase: DB-VRX-30M

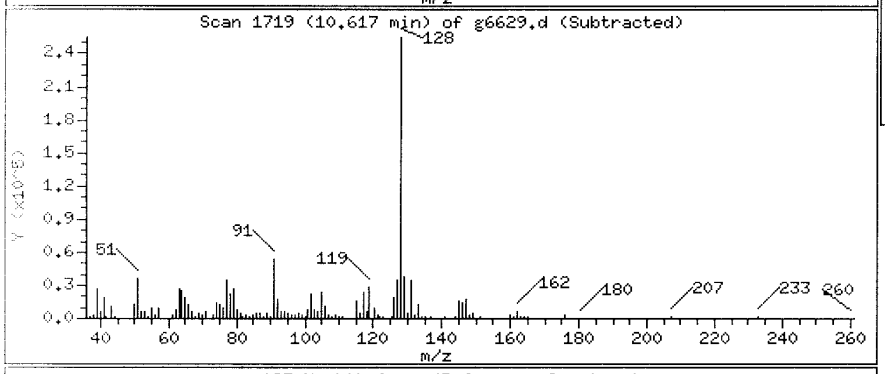
Column diameter: 0.53

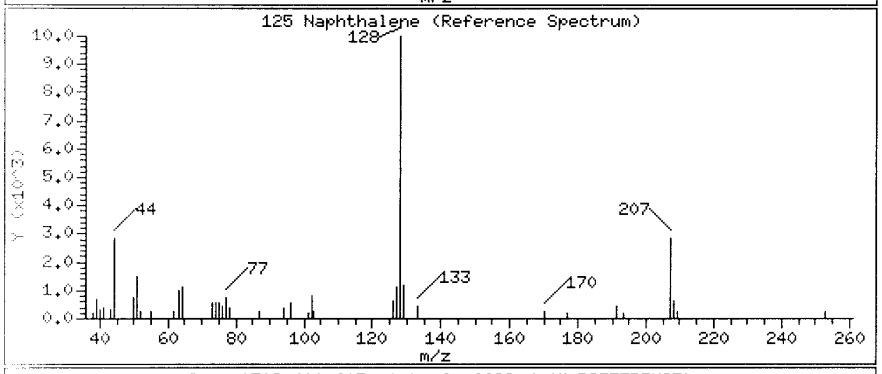
125 Naphthalene

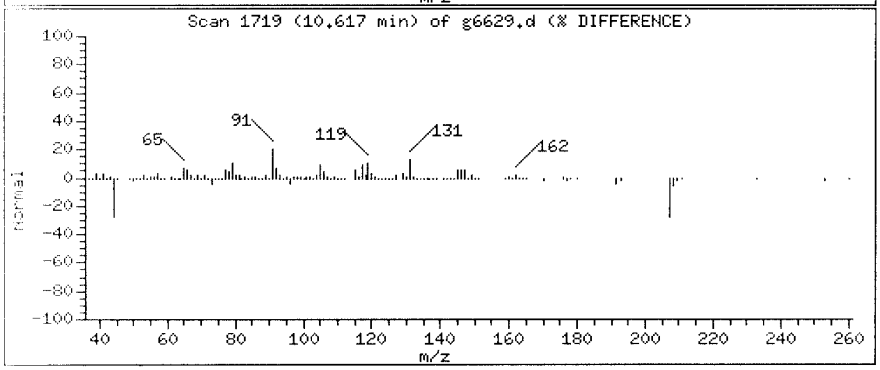
Concentration: 1730 UG/KG









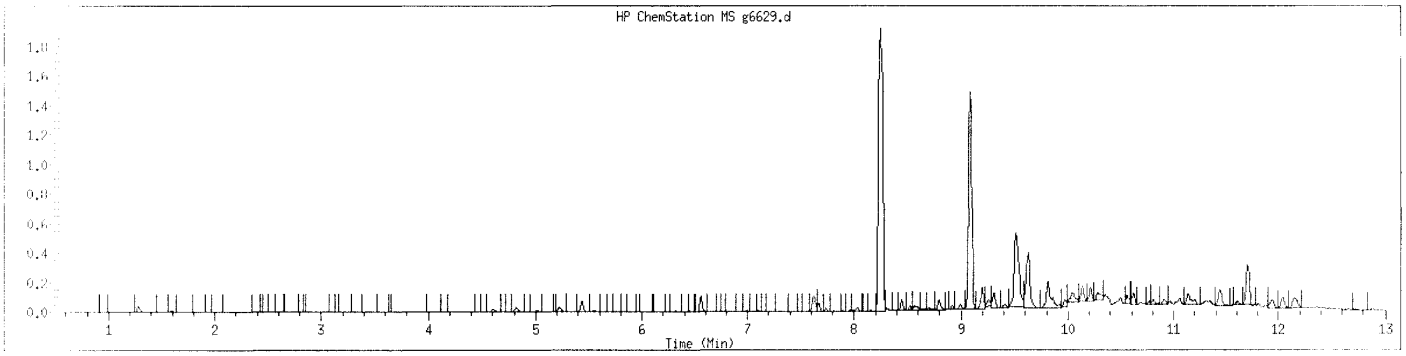


188108

Data file : /var/chem/msv5.i/2060727p.s.b/g6629.d
Report Date: 08/16/2006 14:14

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200611	SampleType	: SAMPLE
Injection Date	: 28-JUL-2006 04:55	Instrument	: msv5.i
Operator	: KCB		
Sample Info	: 20607200611*SF4SB46-092-(1-2)		
Misc Info	: MSV~8768~*50*RSS		
Method	: /var/chem/msv5.i/2060727p.s.b/8260Bw5.m		
Dilution	: 50.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: all



NO MANUAL INTEGRATIONS

188109

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SG4SB56-112-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.75 (g/ml) g

Lab Sample ID: 20607200612

Level: (low/med) LOW

Lab File ID: 2060727P/G6630

% Moisture: not dec. 9.0

Date Collected: 07/18/06 Time: 1715

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/28/06 Time: 0520

Soil Extract Volume: (µL)

Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	239	U	8.41	239
71-55-6	1,1,1-Trichloroethane	239	U	5.88	239
79-34-5	1,1,2,2-Tetrachloroethane	239	U	8.60	239
79-00-5	1,1,2-Trichloroethane	239	U	5.45	239
75-34-3	1,1-Dichloroethane	239	U	7.60	239
75-35-4	1,1-Dichloroethene	239	U	17.2	239
563-58-6	1,1-Dichloropropene	239	U	6.21	239
96-18-4	1,2,3-Trichloropropane	95.6	U	11.7	95.6
120-82-1	1,2,4-Trichlorobenzene	239	U	15.6	239
95-63-6	1,2,4-Trimethylbenzene	239	U	9.46	239
96-12-8	1,2-Dibromo-3-chloropropane	239	U	41.4	239
106-93-4	1,2-Dibromoethane	239	U	7.17	239
95-50-1	1,2-Dichlorobenzene	239	U	5.45	239
107-06-2	1,2-Dichloroethane	239	U	5.45	239
78-87-5	1,2-Dichloropropane	239	U	5.35	239
108-67-8	1,3,5-Trimethylbenzene	239	U	7.79	239
541-73-1	1,3-Dichlorobenzene	239	U	11.3	239
142-28-9	1,3-Dichloropropane	239	U	6.50	239
106-46-7	1,4-Dichlorobenzene	239	U	20.1	239
594-20-7	2,2-Dichloropropane	239	U	8.41	239
78-93-3	2-Butanone	239	U	14.9	239
110-75-8	2-Chloroethylvinyl ether	239	U	100	239
95-49-8	2-Chlorotoluene	239	U	7.17	239
591-78-6	2-Hexanone	239	U	39.5	239
106-43-4	4-Chlorotoluene	239	U	15.5	239
99-87-6	4-Isopropyltoluene	239	U	7.69	239
108-10-1	4-Methyl-2-pentanone	239	U	8.27	239
67-64-1	Acetone	1190	U	17.9	1190
107-02-8	Acrolein	1190	U	112	1190
107-13-1	Acrylonitrile	1190	U	34.0	1190
71-43-2	Benzene	239	U	4.97	239

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SG4SB56-112-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.75 (g/ml) g Lab Sample ID: 20607200612

Level: (low/med) LOW Lab File ID: 2060727P/G6630

% Moisture: not dec. 9.0 Date Collected: 07/18/06 Time: 1715

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/28/06 Time: 0520

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: *ug/kg*

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	239	U	11.2	239
75-27-4	Bromodichloromethane	239	U	6.45	239
75-25-2	Bromoform	239	U	8.07	239
74-83-9	Bromomethane	239	U	71.9	239
104-51-8	n-Butylbenzene	239	U	8.50	239
75-15-0	Carbon disulfide	239	U	5.21	239
56-23-5	Carbon tetrachloride	239	U	5.73	239
108-90-7	Chlorobenzene	239	U	7.88	239
75-00-3	Chloroethane	239	U	29.0	239
67-66-3	Chloroform	239	U	6.74	239
74-87-3	Chloromethane	239	U	22.2	239
110-82-7	Cyclohexane	239	U	52.8	239
124-48-1	Dibromochloromethane	239	U	4.30	239
74-95-3	Dibromomethane	239	U	7.45	239
75-71-8	Dichlorodifluoromethane	239	U	17.4	239
10061-01-5	cis-1,3-Dichloropropene	239	U	5.49	239
10061-02-6	trans-1,3-Dichloropropene	239	U	6.74	239
100-41-4	Ethylbenzene	239	U	9.89	239
87-68-3	Hexachlorobutadiene	239	U	59.5	239
98-82-8	Isopropylbenzene (Cumene)	239	U	7.31	239
79-20-9	Methyl Acetate	239	U	73.1	239
74-88-4	Methyl iodide	239	U	43.3	239
108-87-2	Methylcyclohexane	239	U	17.7	239
75-09-2	Methylene chloride	92.5	J	22.9	478
91-20-3	Naphthalene	125	J	18.0	239
100-42-5	Styrene	239	U	7.26	239
127-18-4	Tetrachloroethene	239	U	9.17	239
108-88-3	Toluene	239	U	26.3	239
79-01-6	Trichloroethene	239	U	8.46	239
75-69-4	Trichlorofluoromethane	239	U	12.0	239
76-13-1	Trichlorotrifluoroethane	239	U	8.98	239
108-05-4	Vinyl acetate	239	U	46.8	239

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SG4SB56-112-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.75 (g/ml) g

Lab Sample ID: 20607200612

Level: (low/med) LOW

Lab File ID: 2060727P/G6630

% Moisture: not dec. 9.0

Date Collected: 07/18/06 Time: 1715

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/28/06 Time: 0520

Soil Extract Volume: (µL)

Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328954

CONCENTRATION UNITS: *ug/kg*

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	239	U	16.8	239
1330-20-7	Xylene (total)	478	U	27.3	478
156-59-2	cis-1,2-Dichloroethene	239	U	6.02	239
136777-61-	m,p-Xylene	239	U	19.0	239
71-36-3	n-Butyl alcohol	1190	U	47.8	1190
103-65-1	n-Propylbenzene	239	U	6.69	239
95-47-6	o-Xylene	239	U	8.31	239
135-98-8	sec-Butylbenzene	239	U	5.59	239
1634-04-4	tert-Butyl methyl ether (MTBE)	239	U	3.54	239
98-06-6	tert-Butylbenzene	239	U	12.0	239
156-60-5	trans-1,2-Dichloroethene	239	U	7.84	239
110-57-6	trans-1,4-Dichloro-2-butene	239	U	34.4	239

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6630.d
Lab Smp Id: 20607200612 Client Smp ID: SG4SB56-112-(1-2)
Inj Date : 28-JUL-2006 05:20
Operator : KCB Inst ID: msv5.i
Smp Info : 20607200612*SG4SB56-112-(1-2)
Misc Info : MSV~8768~*50*RSS
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 28-Jul-2006 07:05 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 12
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	5.75000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
17 Methylene Chloride	49	3.208	3.228	(0.591)	7305	1.93671	84.2	
$ 39 Dibromofluoromethane	111	4.817	4.821	(0.887)	204028	52.9051	2300	1678
$ 48 1,2-Dichloroethane-d4	67	5.220	5.232	(0.961)	107569	49.6153	2160	
* 52 FLUOROBENZENE	96	5.431	5.437	(1.000)	701095	50.0000		
$ 67 Toluene-d8	98	6.554	6.556	(0.860)	684377	55.1311	2400	
* 83 CHLOROBENZENE-d5	82	7.619	7.623	(1.000)	305107	50.0000		
$ 94 Bromofluorobenzene	174	8.445	8.445	(1.108)	215548	53.8748	2340	
109 Dicylopentadiene	66	9.083	9.083	(0.988)	201169	9.74124	424	9466(A)
* 111 1,4-DICHLOROBENZENE-D4	152	9.194	9.199	(1.000)	263014	50.0000		
125 Naphthalene	128	10.623	10.624	(1.155)	32173	2.62140	114	

QC Flag Legend

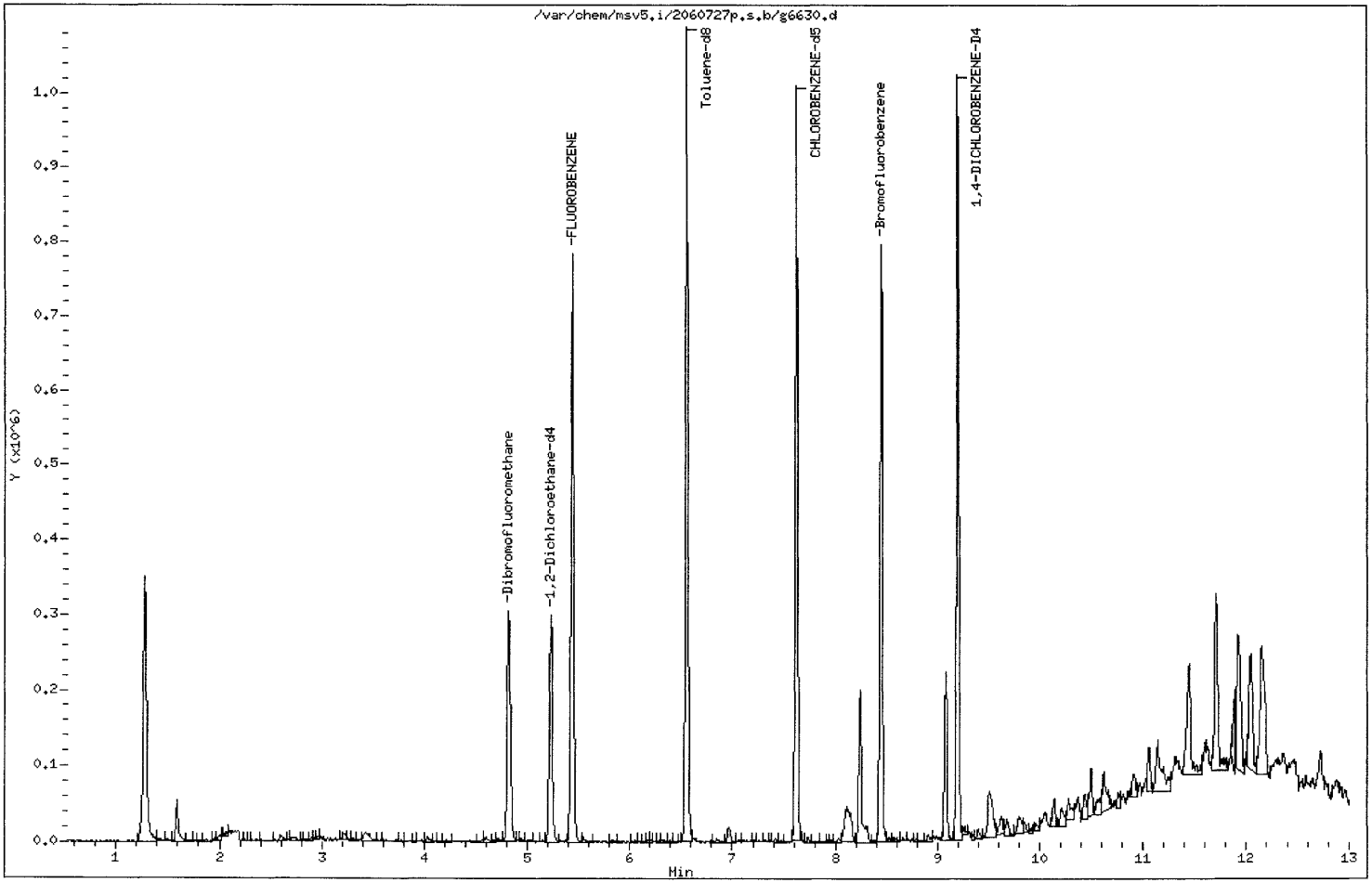
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/msv5.i/2060727p.s.b/g6630.d
Date : 28-JUL-2006 05:20
Client ID: SG4SB56-112-(1-2)
Sample Info: 20607200612*SG4SB56-112-(1-2)
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: KCB
Column diameter: 0.53



Data File: /var/chem/msv5.i/20607 27p.s.b/g6630.d

Date : 28-JUL-2006 05:20

Client ID: SG4SB56-112-(1-2)

Instrument: msv5.i

Sample Info: 20607200612*SG4SB56-112-(1-2)

Purge Volume: 5.0

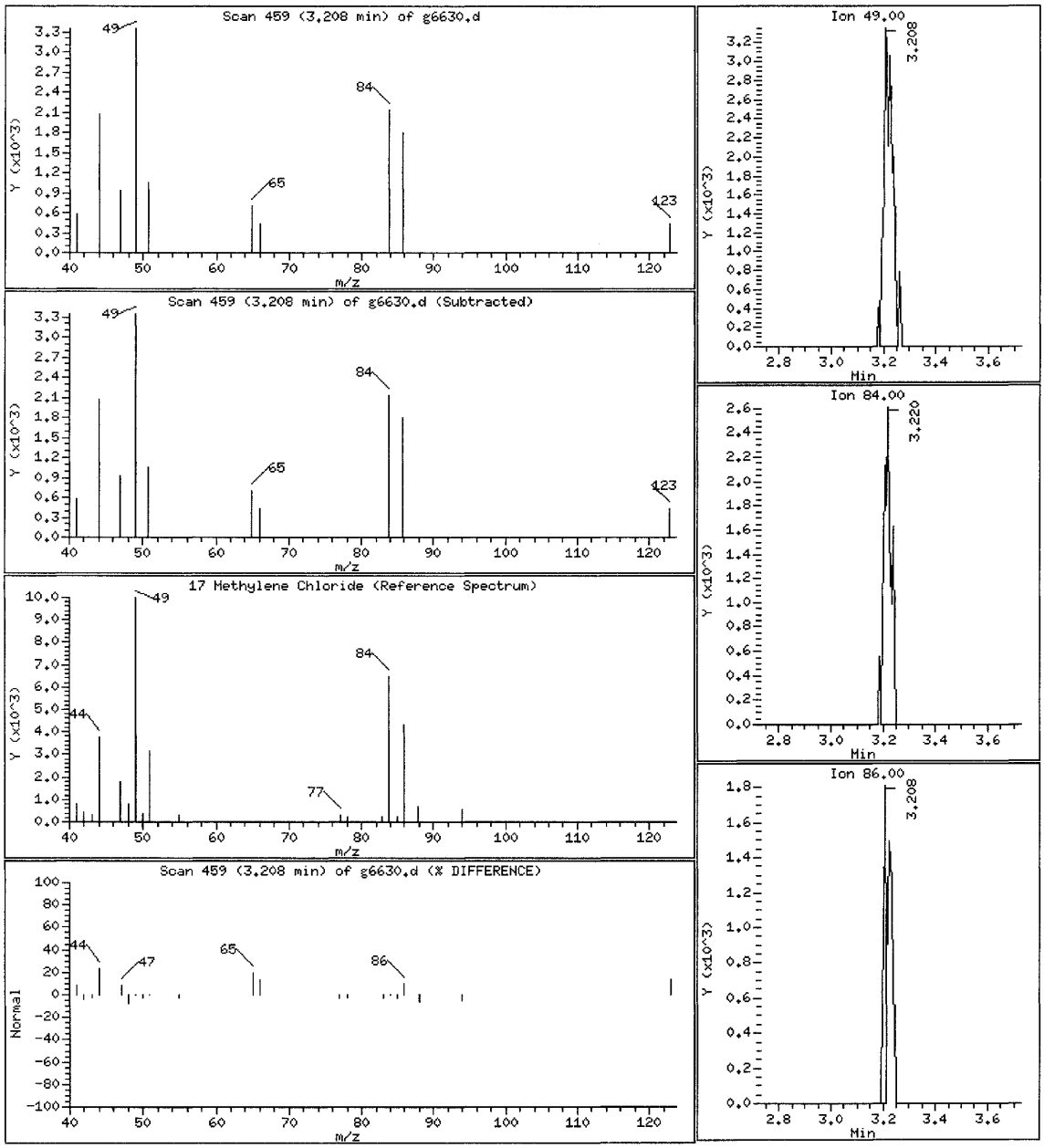
Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53

17 Methylene Chloride

Concentration: 84.2 UG/KG



188116

Data File: /var/chem/msv5.i/20607270p.s.b/g6630.d

Date : 28-JUL-2006 05:20

Client ID: SG4SB56-112-(1-2)

Instrument: msv5.i

Sample Info: 20607200612*SG4SB56-112-(1-2)

Purge Volume: 5.0

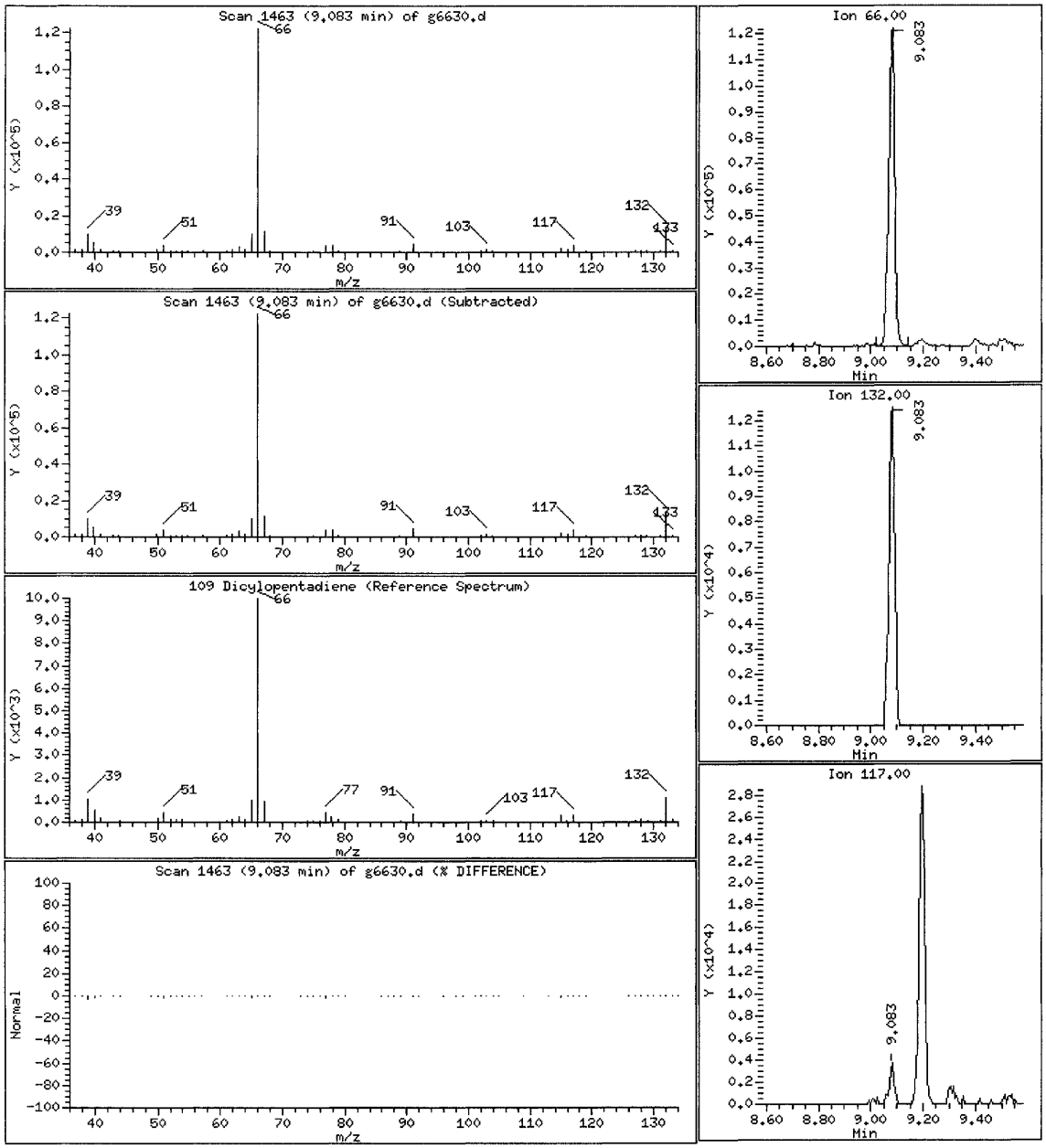
Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53

109 Dicylopentadiene

Concentration: 424 UG/KG



188117

Data File: /var/chem/msv5.i/2060727p.s.b/g6630.d

Date : 28-JUL-2006 05:20

Client ID: SG4SB56-112-(1-2)

Instrument: msv5.i

Sample Info: 20607200612*SG4SB56-112-(1-2)

Purge Volume: 5.0

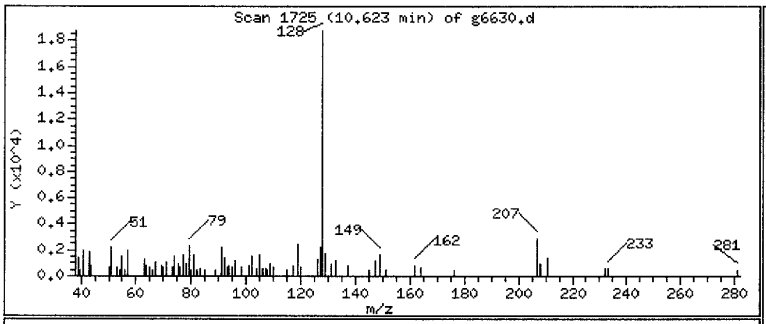
Operator: KCB

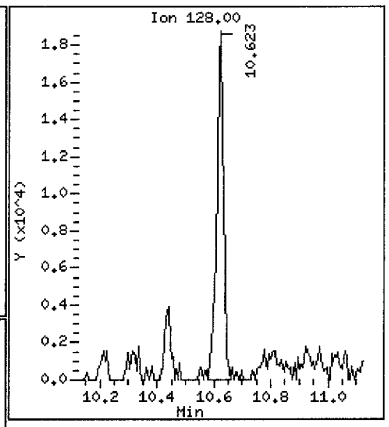
Column phase: DB-VRX-30M

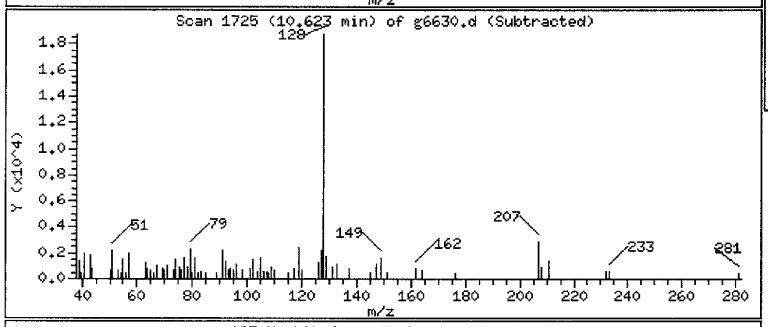
Column diameter: 0.53

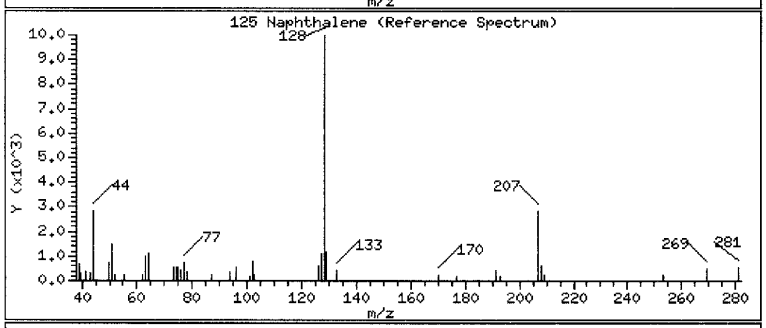
125 Naphthalene

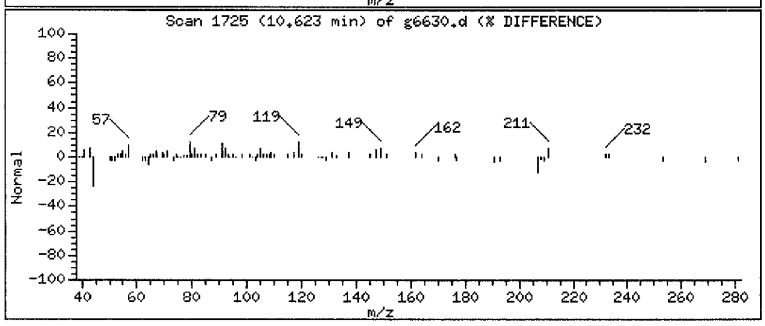
Concentration: 114 UG/KG









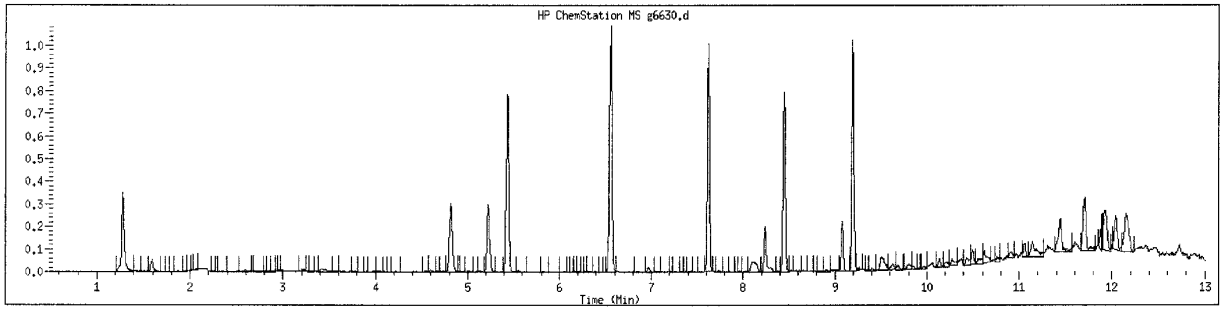


188118

Data file : /var/chem/msv5.i/2060727p.s.b/g6630.d Page: 1
Report Date: 07/28/2006 10:33

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200612 SampleType : SAMPLE
Injection Date: 28-JUL-2006 05:20 Instrument : msv5.i
Operator : KCB
Sample Info : 20607200612*SG4SB56-112-(1-2)
Misc Info : MSV~8768~*50*RSS
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Dilution : 50.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: all



NO MANUAL INTEGRATIONS

188119

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SE3SB39-078-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.85 (g/ml) g Lab Sample ID: 20607200615

Level: (low/med) LOW Lab File ID: 2060722Q/V4492

% Moisture: not dec. 16.0 Date Collected: 07/18/06 Time: 1645

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 2237

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	4.35	U	0.153	4.35
71-55-6	1,1,1-Trichloroethane	4.35	U	0.107	4.35
79-34-5	1,1,2,2-Tetrachloroethane	4.35	U	0.156	4.35
79-00-5	1,1,2-Trichloroethane	4.35	U	0.099	4.35
75-34-3	1,1-Dichloroethane	4.35	U	0.138	4.35
75-35-4	1,1-Dichloroethene	4.35	U	0.312	4.35
563-58-6	1,1-Dichloropropene	4.35	U	0.113	4.35
96-18-4	1,2,3-Trichloropropane	1.74	U	0.213	1.74
120-82-1	1,2,4-Trichlorobenzene	4.35	U	0.284	4.35
95-63-6	1,2,4-Trimethylbenzene	0.957	J	0.172	4.35
96-12-8	1,2-Dibromo-3-chloropropane	4.35	U	0.753	4.35
106-93-4	1,2-Dibromoethane	4.35	U	0.130	4.35
95-50-1	1,2-Dichlorobenzene	4.35	U	0.099	4.35
107-06-2	1,2-Dichloroethane	4.35	U	0.099	4.35
78-87-5	1,2-Dichloropropane	4.35	U	0.097	4.35
108-67-8	1,3,5-Trimethylbenzene	4.35	U	0.142	4.35
541-73-1	1,3-Dichlorobenzene	4.35	U	0.205	4.35
142-28-9	1,3-Dichloropropane	4.35	U	0.118	4.35
106-46-7	1,4-Dichlorobenzene	4.35	U	0.366	4.35
594-20-7	2,2-Dichloropropane	4.35	U	0.153	4.35
78-93-3	2-Butanone	3.17	JB	0.271	4.35
110-75-8	2-Chloroethylvinyl ether	4.35	U	1.83	4.35
95-49-8	2-Chlorotoluene	4.35	U	0.130	4.35
591-78-6	2-Hexanone	4.35	U	0.718	4.35
106-43-4	4-Chlorotoluene	4.35	U	0.283	4.35
99-87-6	4-Isopropyltoluene	4.35	U	0.140	4.35
108-10-1	4-Methyl-2-pentanone	4.35	U	0.150	4.35
67-64-1	Acetone	11.9	JB	0.325	21.7
107-02-8	Acrolein	21.7	U	2.03	21.7
107-13-1	Acrylonitrile	21.7	U	0.619	21.7
71-43-2	Benzene	5.19		0.090	4.35

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SE3SB39-078-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.85 (g/ml) g Lab Sample ID: 20607200615

Level: (low/med) LOW Lab File ID: 2060722Q/V4492

% Moisture: not dec. 16.0 Date Collected: 07/18/06 Time: 1645

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 2237

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	4.35	U	0.204	4.35
75-27-4	Bromodichloromethane	4.35	U	0.117	4.35
75-25-2	Bromoform	4.35	U	0.147	4.35
74-83-9	Bromomethane	4.35	U	1.31	4.35
104-51-8	n-Butylbenzene	4.35	U	0.155	4.35
75-15-0	Carbon disulfide	4.35	U	0.095	4.35
56-23-5	Carbon tetrachloride	4.35	U	0.104	4.35
108-90-7	Chlorobenzene	4.35	U	0.143	4.35
75-00-3	Chloroethane	4.35	U	0.527	4.35
67-66-3	Chloroform	4.35	U	0.123	4.35
74-87-3	Chloromethane	4.35	U	0.403	4.35
110-82-7	Cyclohexane	1.97	J	0.961	4.35
124-48-1	Dibromochloromethane	4.35	U	0.078	4.35
74-95-3	Dibromomethane	4.35	U	0.136	4.35
75-71-8	Dichlorodifluoromethane	4.35	U	0.316	4.35
10061-01-5	cis-1,3-Dichloropropene	4.35	U	0.100	4.35
10061-02-6	trans-1,3-Dichloropropene	4.35	U	0.123	4.35
100-41-4	Ethylbenzene	3.24	J	0.180	4.35
87-68-3	Hexachlorobutadiene	4.35	U	1.08	4.35
98-82-8	Isopropylbenzene (Cumene)	15.0		0.133	4.35
79-20-9	Methyl Acetate	4.35	U	1.33	4.35
74-88-4	Methyl iodide	4.35	U	0.788	4.35
108-87-2	Methylcyclohexane	2.33	J	0.322	4.35
75-09-2	Methylene chloride	0.879	JB	0.416	8.69
91-20-3	Naphthalene	7.22		0.327	4.35
100-42-5	Styrene	4.35	U	0.132	4.35
127-18-4	Tetrachloroethene	4.35	U	0.167	4.35
108-88-3	Toluene	5.76		0.478	4.35
79-01-6	Trichloroethene	3.39	J	0.154	4.35
75-69-4	Trichlorofluoromethane	4.35	U	0.219	4.35
76-13-1	Trichlorotrifluoroethane	4.35	U	0.163	4.35
108-05-4	Vinyl acetate	4.35	U	0.851	4.35

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SE3SB39-078-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.85 (g/ml) g Lab Sample ID: 20607200615

Level: (low/med) LOW Lab File ID: 2060722Q/V4492

% Moisture: not dec. 16.0 Date Collected: 07/18/06 Time: 1645

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 2237

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	4.35	U	0.305	4.35
1330-20-7	Xylene (total)	3.42	J	0.497	8.69
156-59-2	cis-1,2-Dichloroethene	3.05	J	0.110	4.35
136777-61-	m,p-Xylene	2.32	J	0.346	4.35
71-36-3	n-Butyl alcohol	21.7	U	0.869	21.7
103-65-1	n-Propylbenzene	4.35	U	0.122	4.35
95-47-6	o-Xylene	1.09	J	0.151	4.35
135-98-8	sec-Butylbenzene	4.35	U	0.102	4.35
1634-04-4	tert-Butyl methyl ether (MTBE)	4.35	U	0.064	4.35
98-06-6	tert-Butylbenzene	4.35	U	0.219	4.35
156-60-5	trans-1,2-Dichloroethene	4.35	U	0.143	4.35
110-57-6	trans-1,4-Dichloro-2-butene	4.35	U	0.627	4.35

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4492.d
Lab Smp Id: 20607200615 Client Smp ID: SE3SB56-112-(1-2)
Inj Date : 22-JUL-2006 22:37
Operator : KCB Inst ID: msv4.i
Smp Info : 20607200615*SE3SB56-112-(1-2)
Misc Info : MSV~8729~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:52 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.85000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
15 Methylene Chloride	49	3.505	3.494	(0.550)	5473	1.01137	0.738	3832
17 Acetone	43	3.558	3.552	(0.558)	38402	13.6693	9.98	6144(MH)
20 Hexane	57	3.780	3.790	(0.593)	10729	1.45458	1.06	7759
31 cis-1,2-Dichloroethene	61	5.078	5.078	(0.796)	16695	3.50420	2.56	7808
35 Cyclohexane	56	5.284	5.284	(0.829)	11353	2.26248	1.65	5989
$ 44 Dibromofluoromethane	111	5.574	5.569	(0.874)	192530	51.2702	37.4	2982
46 2-Butanone	43	5.727	5.711	(0.898)	35054	3.65057	2.66	
53 Benzene	78	5.965	5.959	(0.935)	64478	5.97834	4.36	8434
$ 54 1,2-Dichloroethane-d4	67	6.102	6.102	(0.957)	120266	47.2019	34.5	9516
* 58 FLUOROBENZENE	96	6.377	6.371	(1.000)	545874	50.0000		9580
59 Methyl cyclohexane	83	6.524	6.513	(1.023)	10579	2.67867	1.96	8375
60 Trichloroethene	130	6.535	6.534	(1.025)	10425	3.90987	2.85	8576
M 65 Total 1,2-Dichloroethene	61				16695	3.67433	2.68	0

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
$ 76 Toluene-d8	98	7.807	7.807	(0.854)	509067	64.0206	46.7	9306
77 Toluene +	91	7.849	7.849	(0.859)	61855	6.62723	4.84	8493
* 90 Chlorobenzene-d5	82	9.142	9.148	(1.000)	204396	50.0000		9017
92 Ethylbenzene +	91	9.174	9.174	(1.003)	41146	3.72666	2.72	7651
95 p,m-Xylene	106	9.295	9.295	(1.017)	10105	2.67453	1.95	9181
96 o-Xylene	106	9.660	9.665	(1.057)	4649	1.25108	0.913	
101 Isopropylbenzene	105	9.924	9.923	(1.085)	149369	17.2242	12.6	9195
$ 103 Bromofluorobenzene	174	10.177	10.177	(1.113)	147185	54.1148	39.5	8851
114 1,2,4-Trimethylbenzene	105	10.773	10.773	(0.968)	7871	1.10158	0.804	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.138	(1.000)	142830	50.0000		8763
M 124 TOTAL XYLENE	106				14754	3.92562	2.87	0
129 Napthalene	128	13.581	13.581	(1.220)	37403	8.30576	6.06	6965

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060722q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

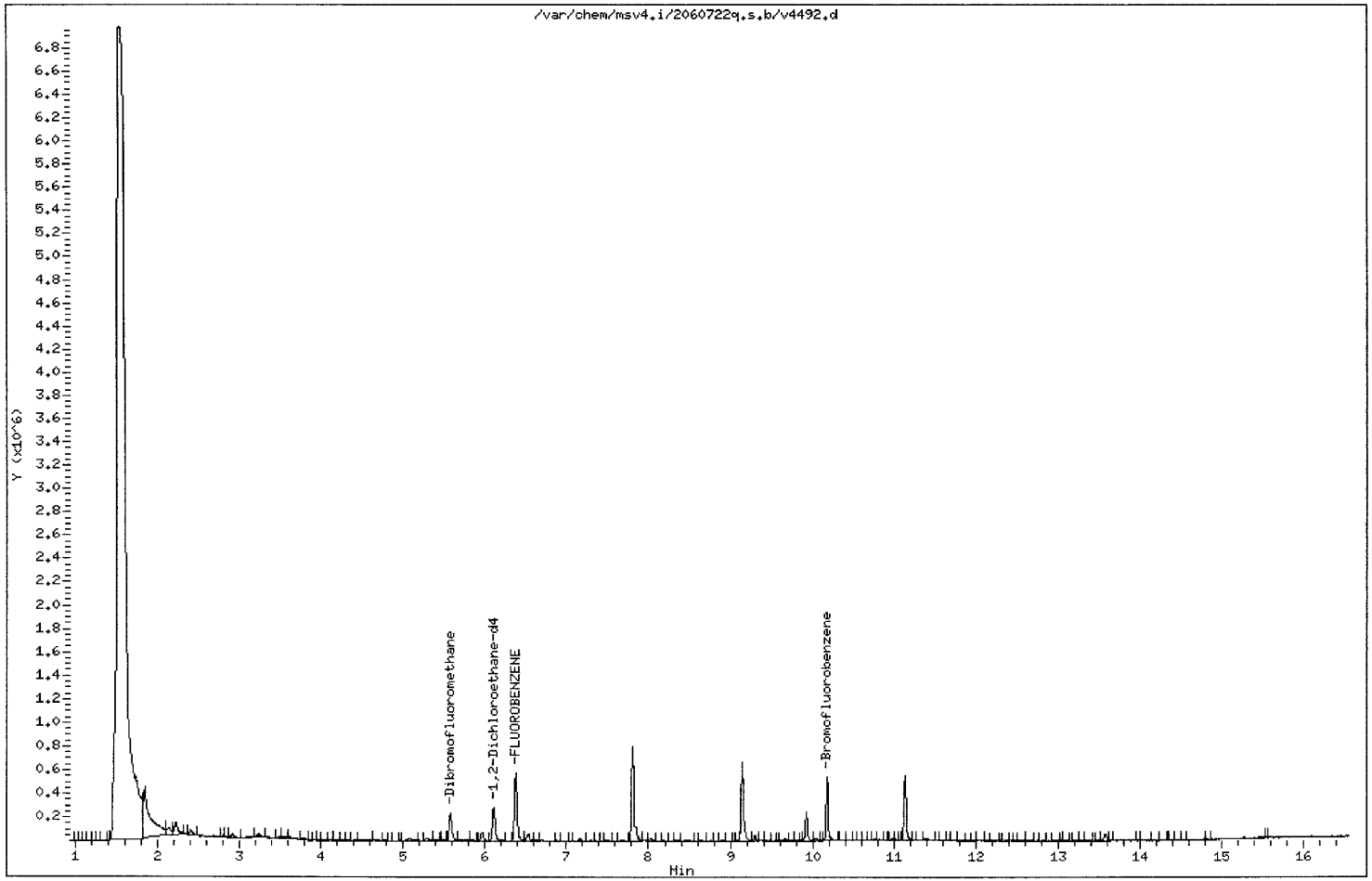
Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53



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Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

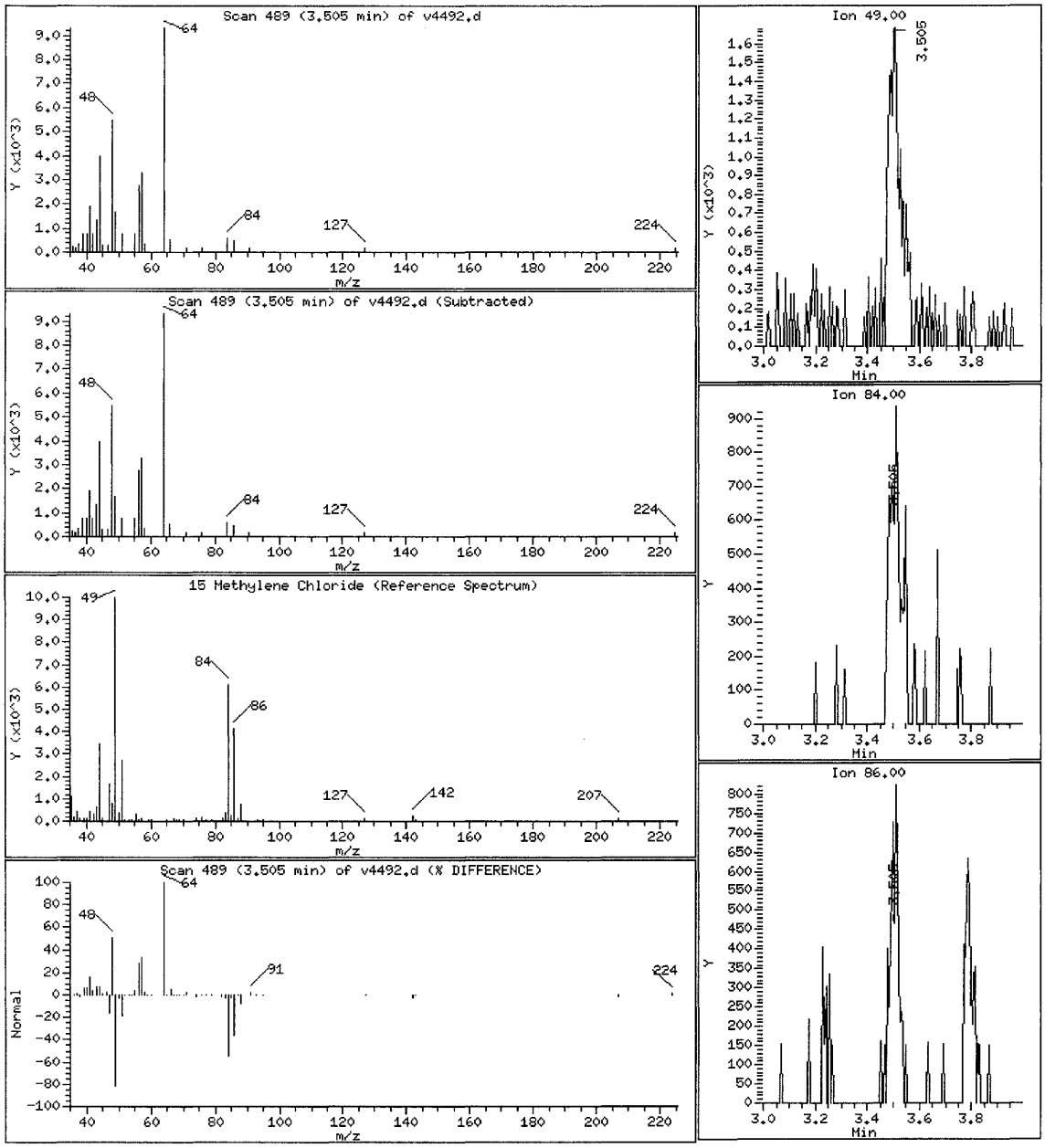
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

15 Methylene Chloride

Concentration: 0.738 ug/Kg



188126

Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

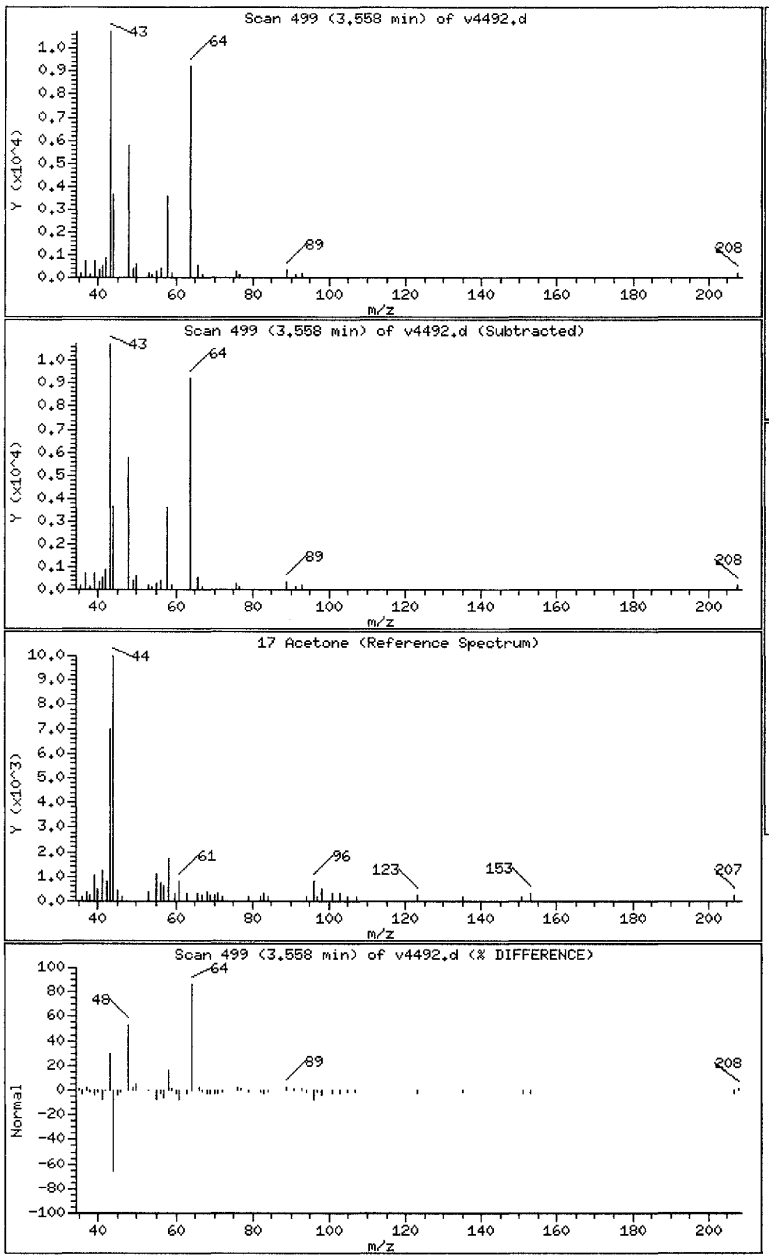
Operator: KCB

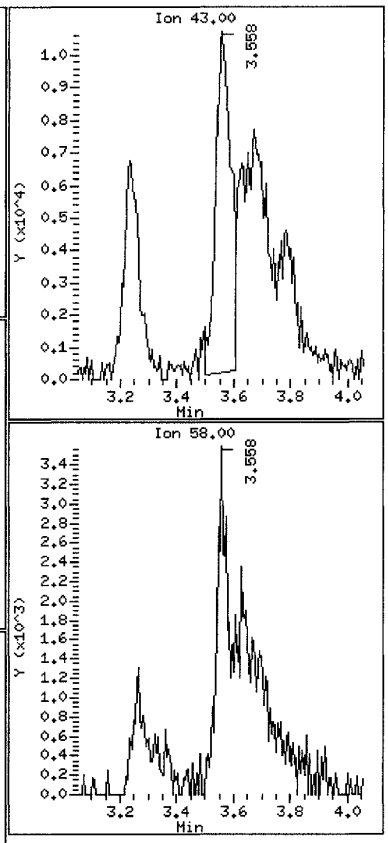
Column phase: DB-624-30M

Column diameter: 0.53

17 Acetone

Concentration: 9.98 ug/Kg





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Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

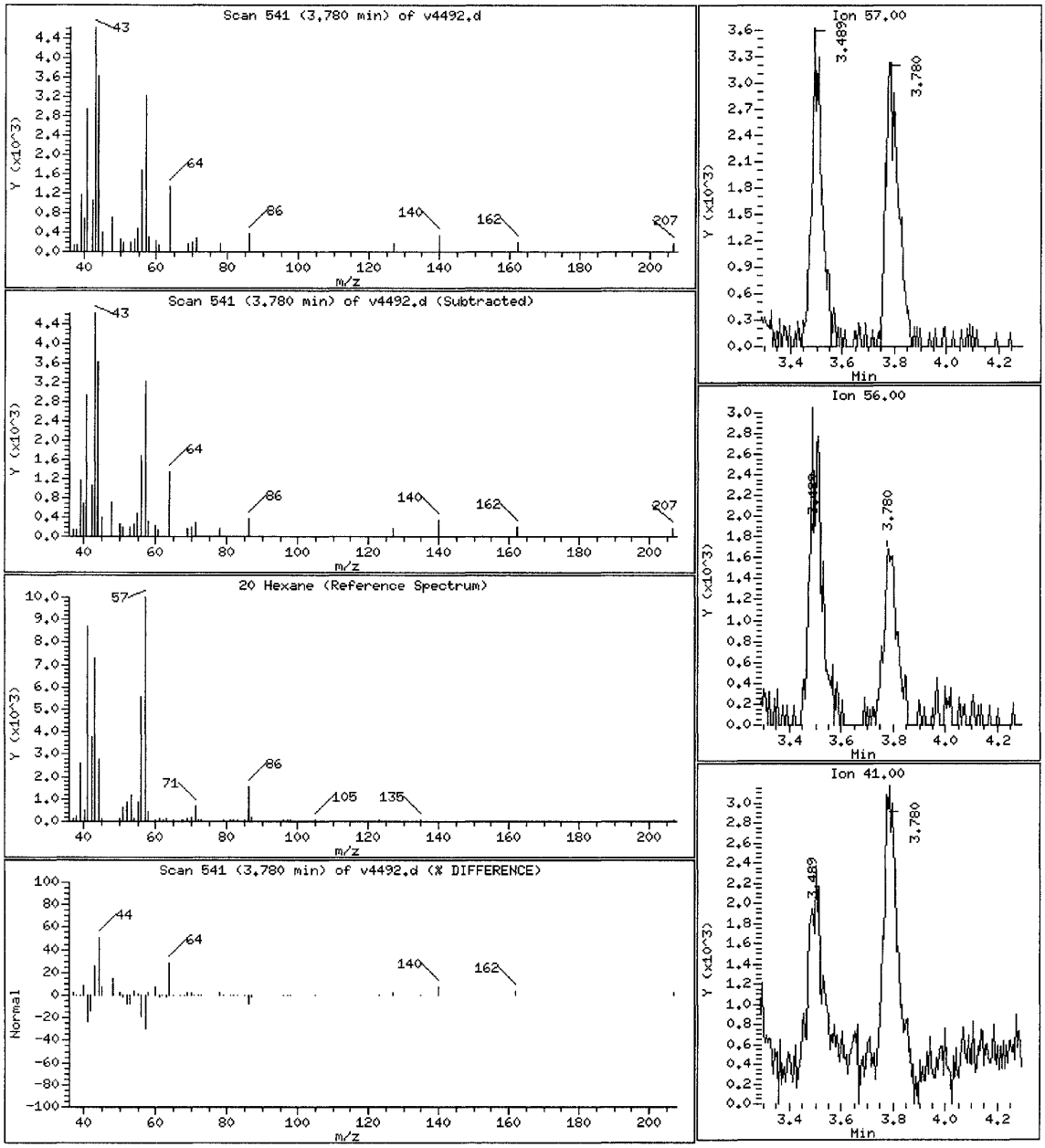
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

20 Hexane

Concentration: 1.06 ug/Kg



188128

Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

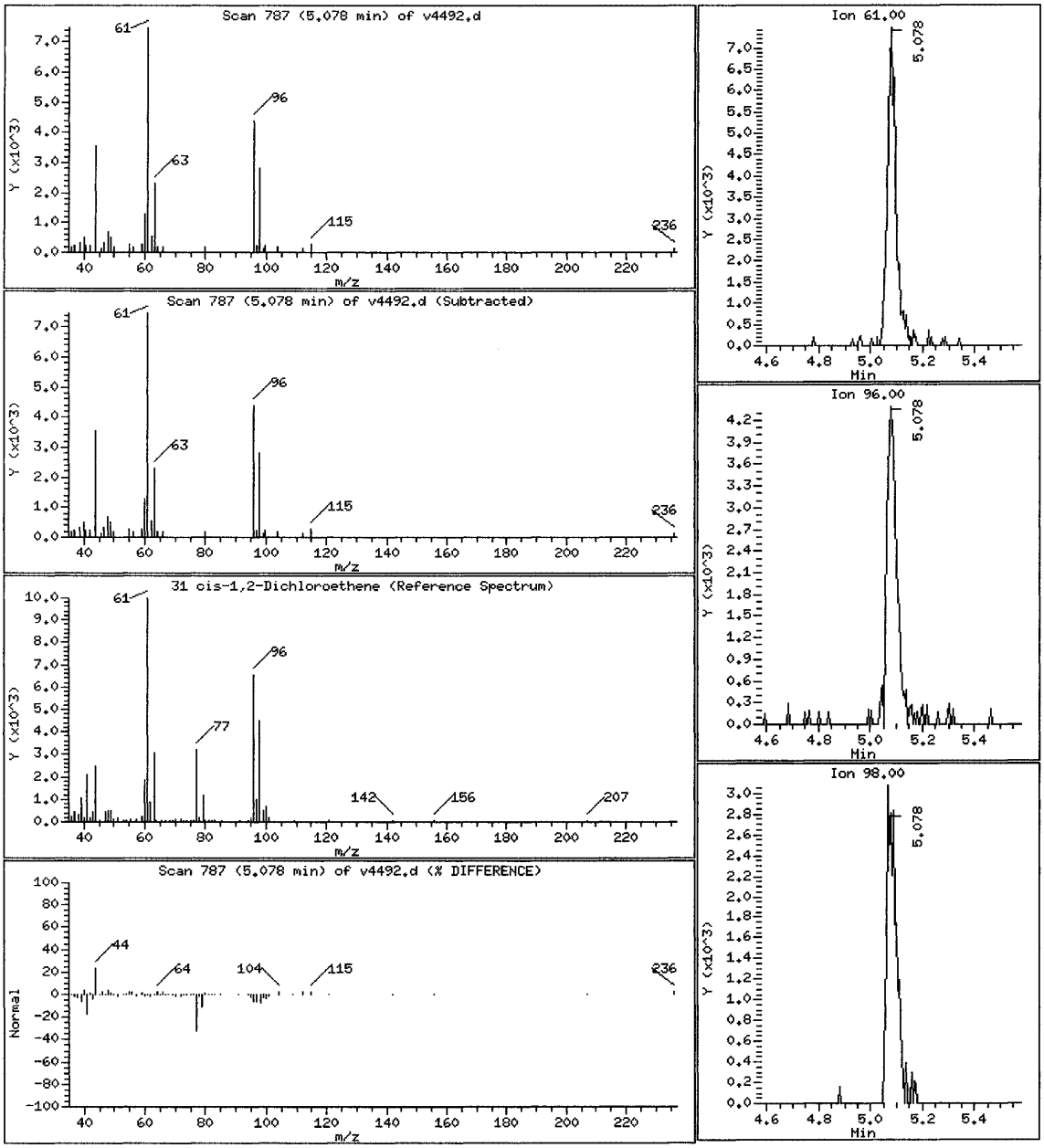
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

31 cis-1,2-Dichloroethene

Concentration: 2.56 ug/Kg



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Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

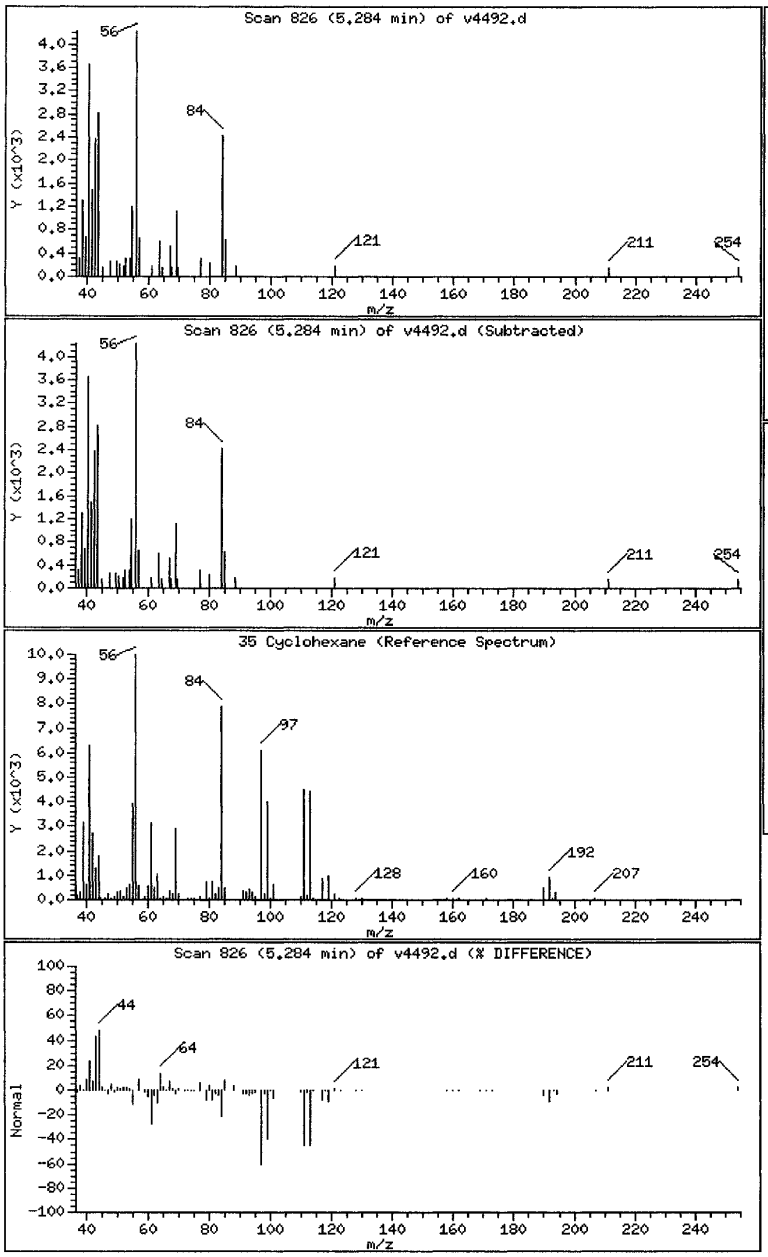
Operator: KCB

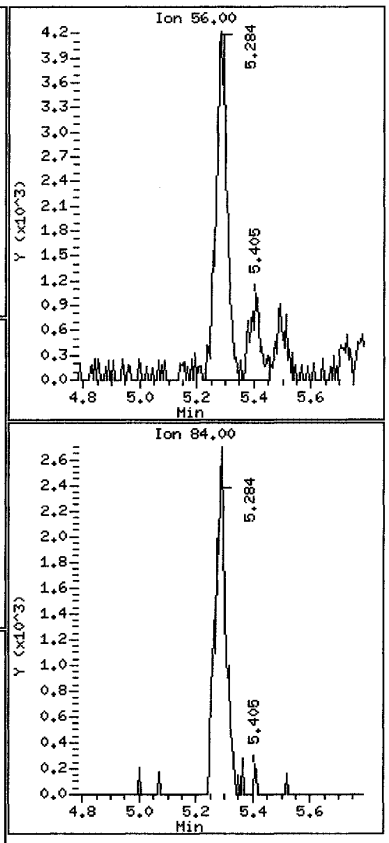
Column phase: DB-624-30M

Column diameter: 0.53

35 Cyclohexane

Concentration: 1.65 ug/Kg





Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

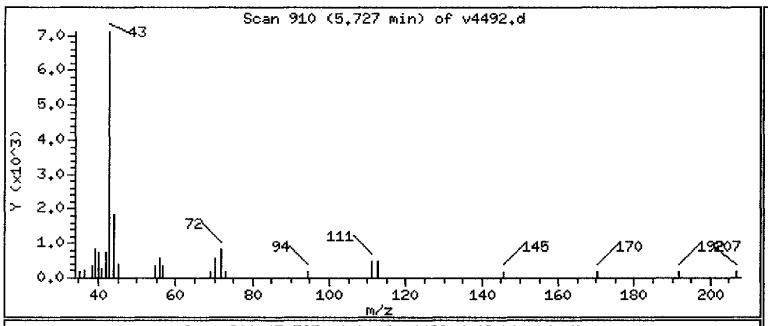
Operator: KCB

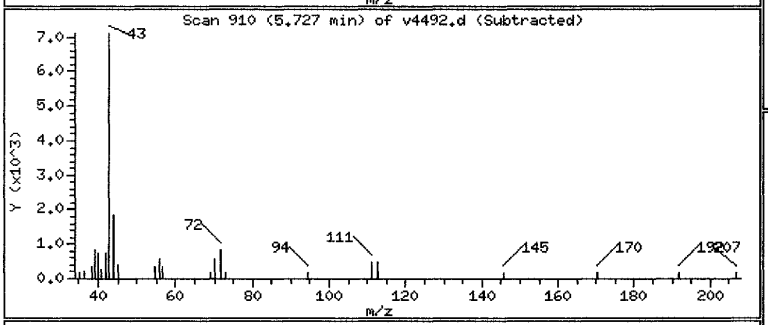
Column phase: DB-624-30M

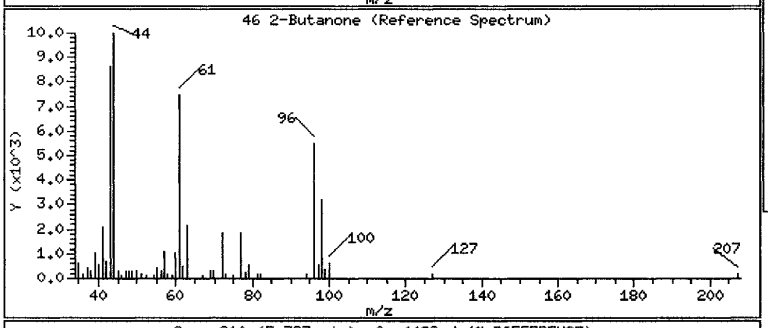
Column diameter: 0.53

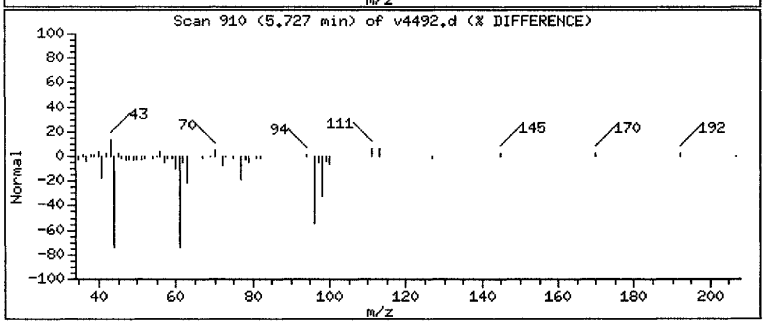
46 2-Butanone

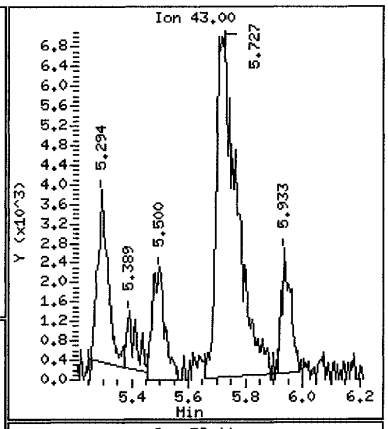
Concentration: 2.66 ug/Kg

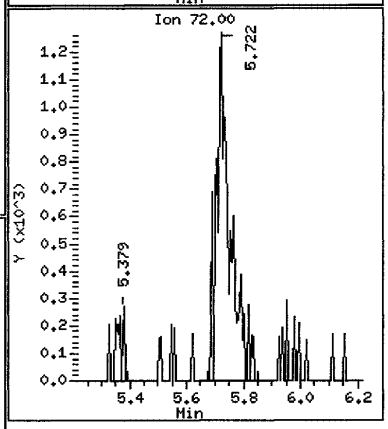












Data File: /var/chem/msv4.i/20060722q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

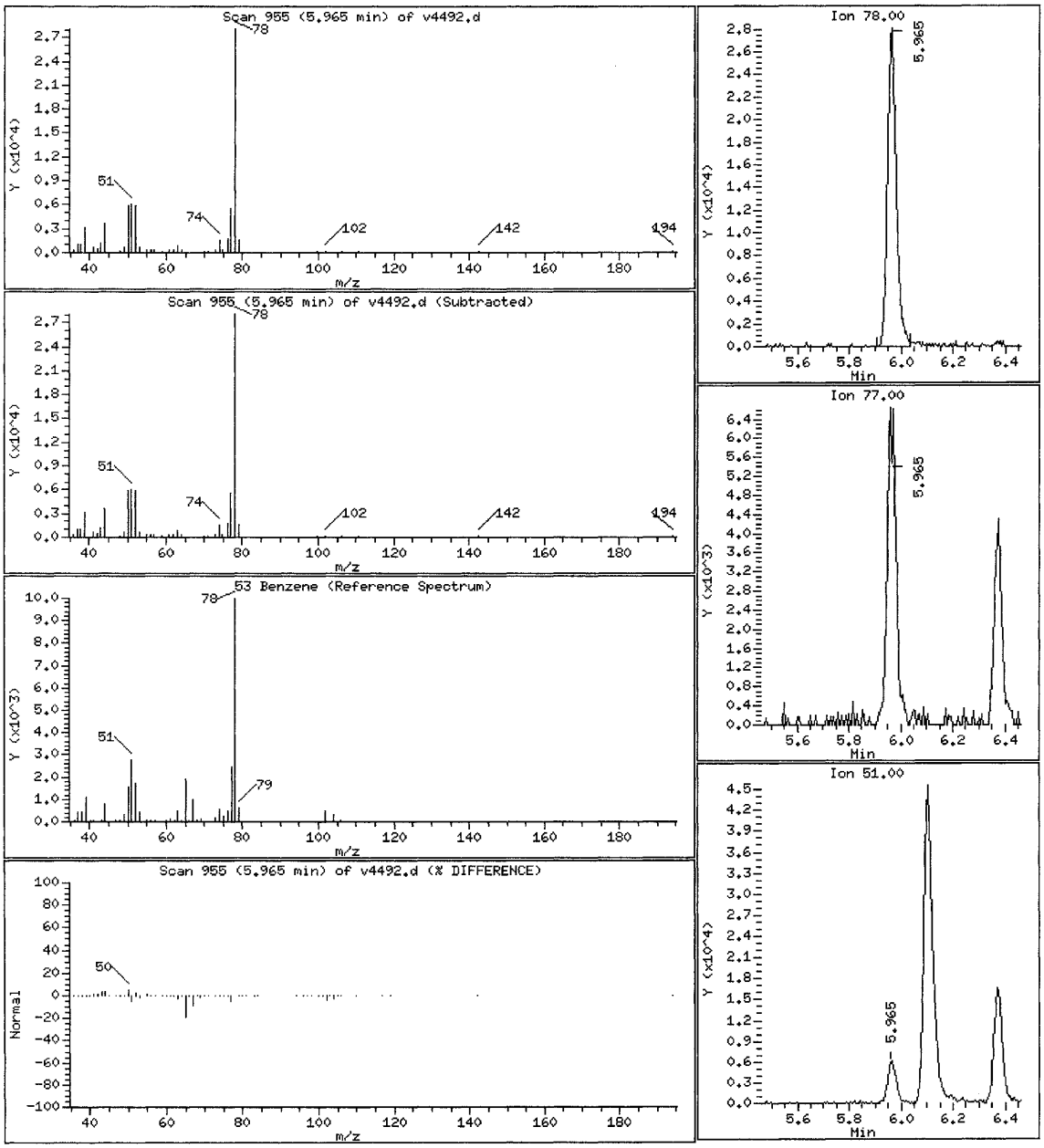
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

53 Benzene

Concentration: 4.36 ug/Kg



188132

Data File: /var/chem/msv4.i/2060722q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

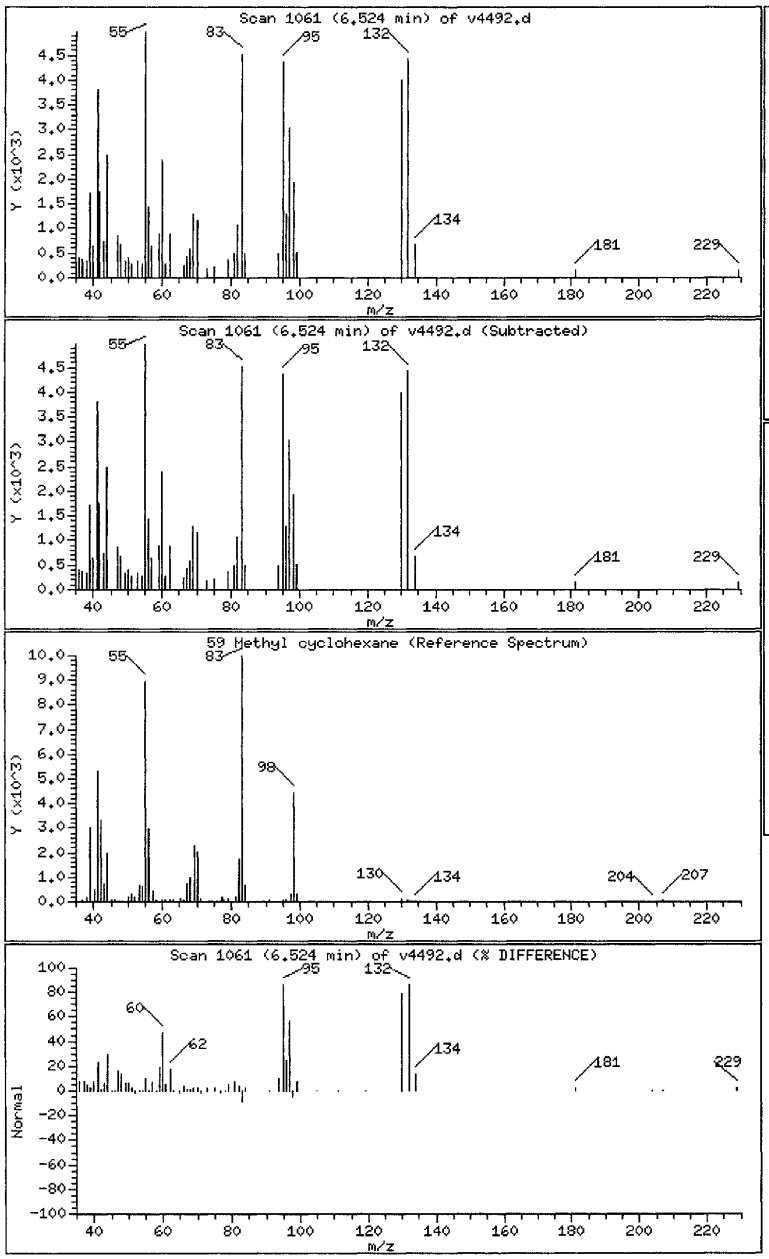
Operator: KCB

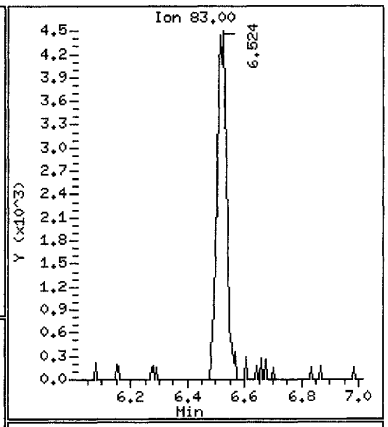
Column phase: DB-624-30M

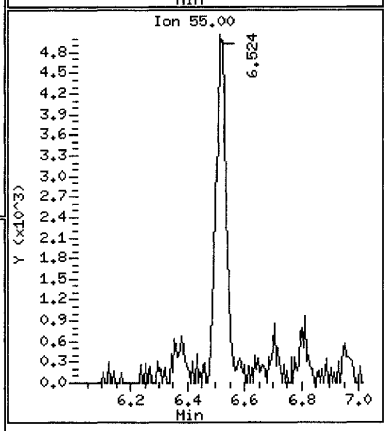
Column diameter: 0.53

59 Methyl cyclohexane

Concentration: 1.96 ug/Kg







Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

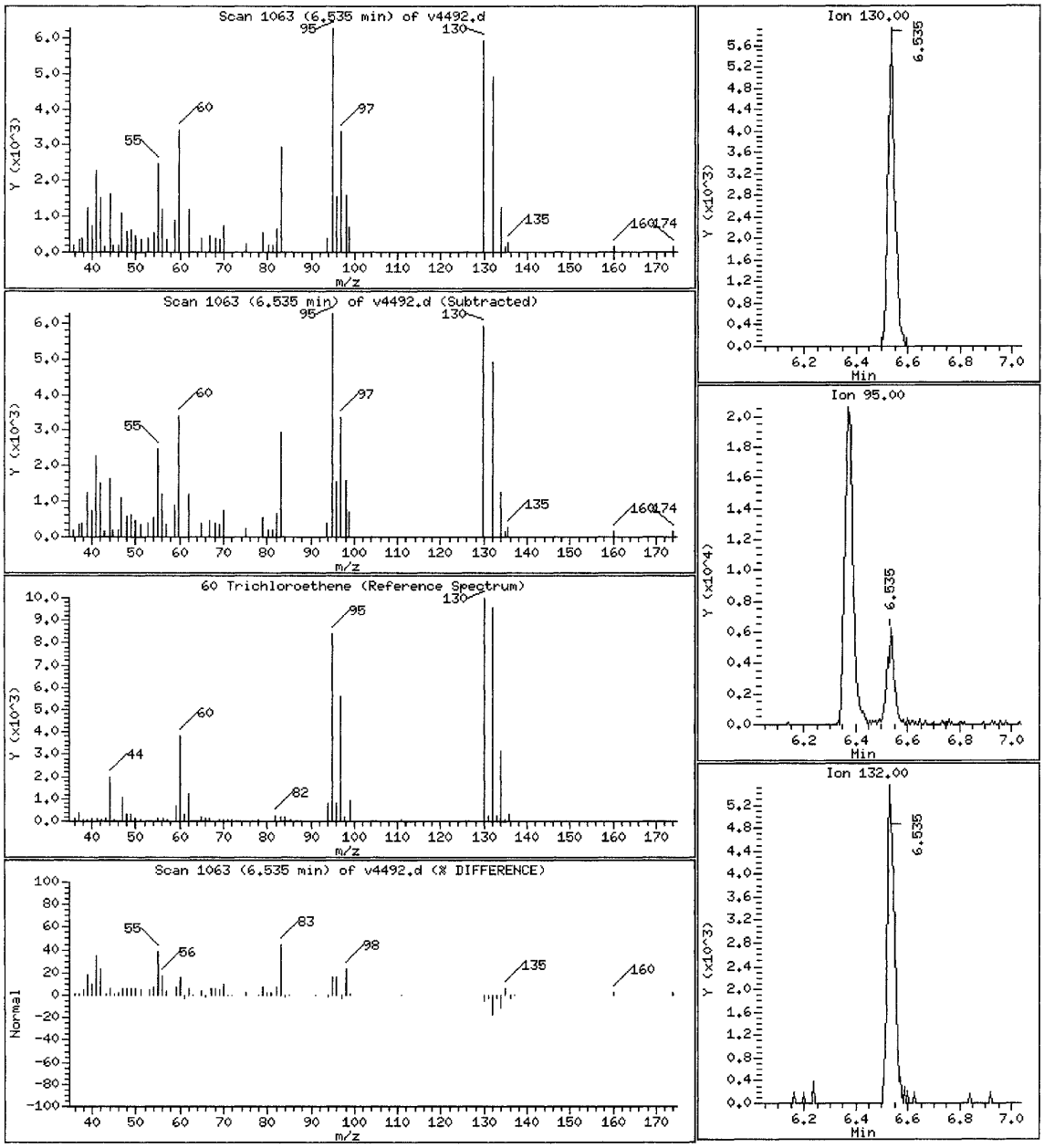
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

60 Trichloroethene

Concentration: 2.85 ug/Kg



188134

Data File: /var/chem/msv4.i/20060722q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

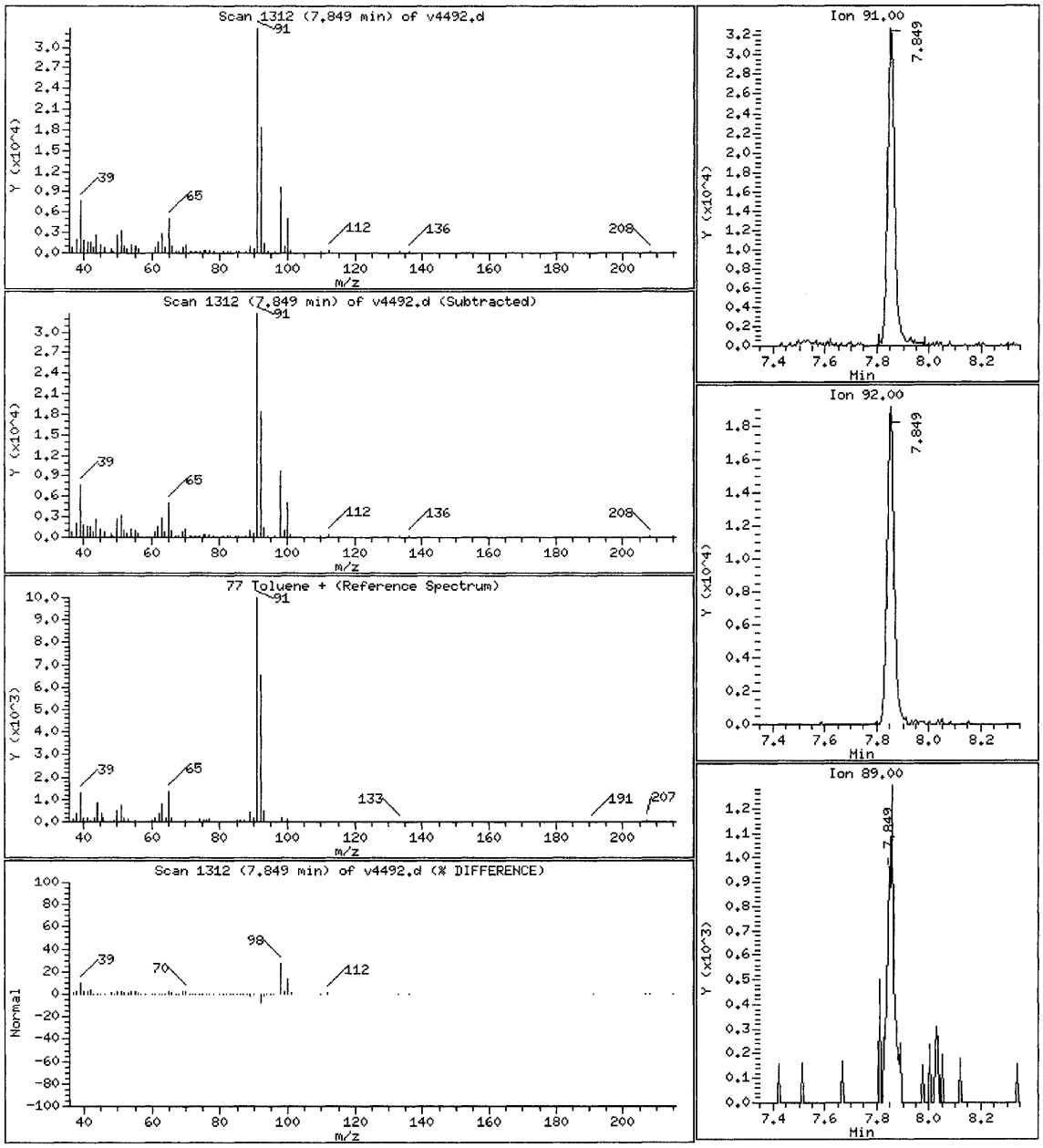
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

77 Toluene +

Concentration: 4.84 ug/Kg



188135

Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

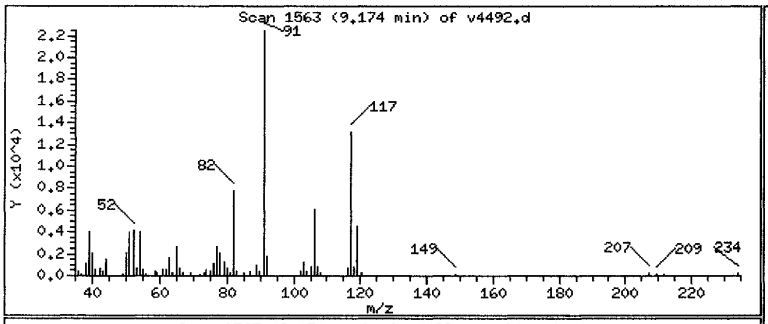
Operator: KCB

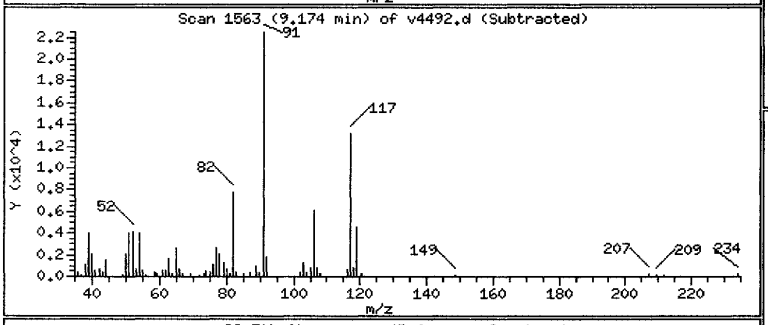
Column phase: DB-624-30M

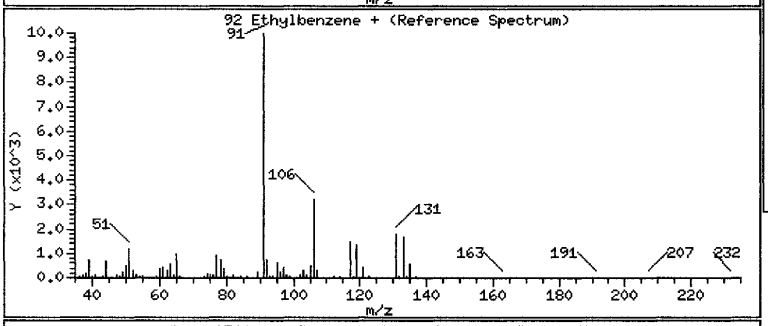
Column diameter: 0.53

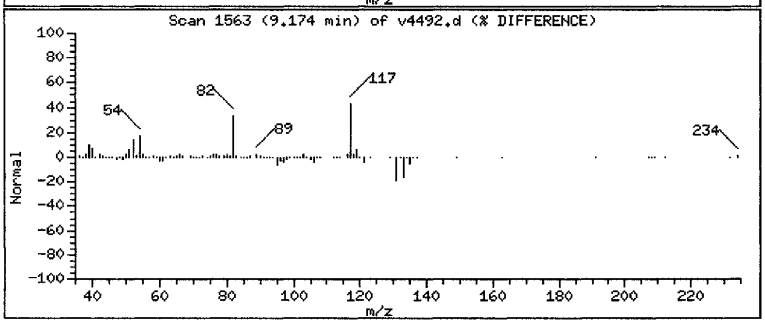
92 Ethylbenzene +

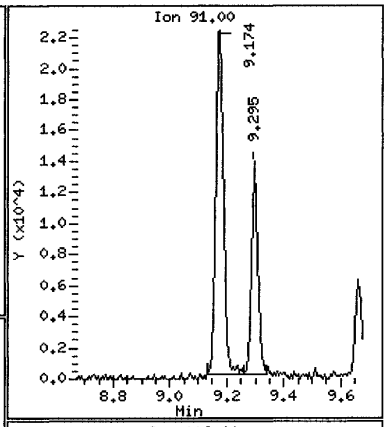
Concentration: 2.72 ug/Kg

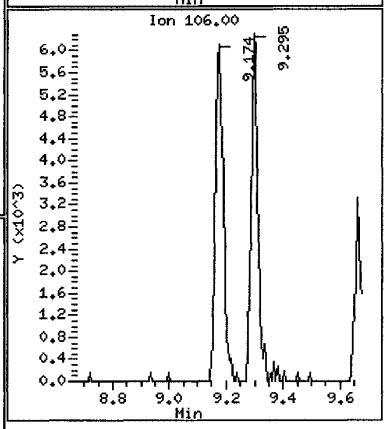












Data File: /var/chem/msv4.i/20060722q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

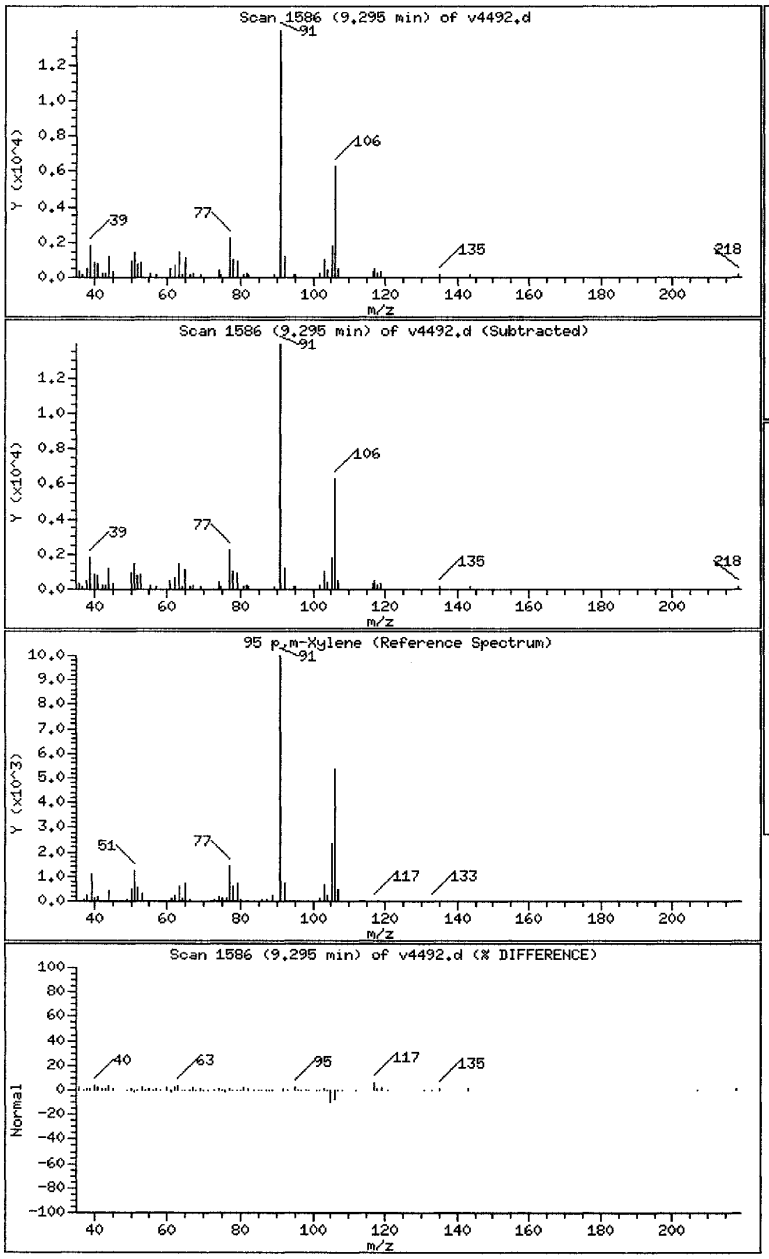
Operator: KCB

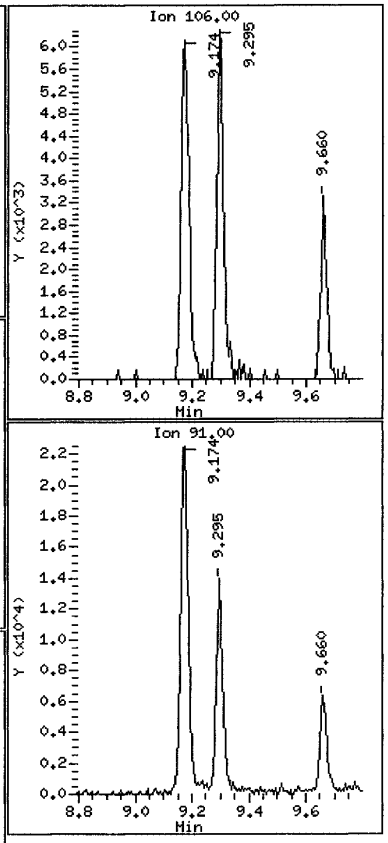
Column phase: DB-624-30M

Column diameter: 0.53

95 p,m-Xylene

Concentration: 1.95 ug/Kg





188137

Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

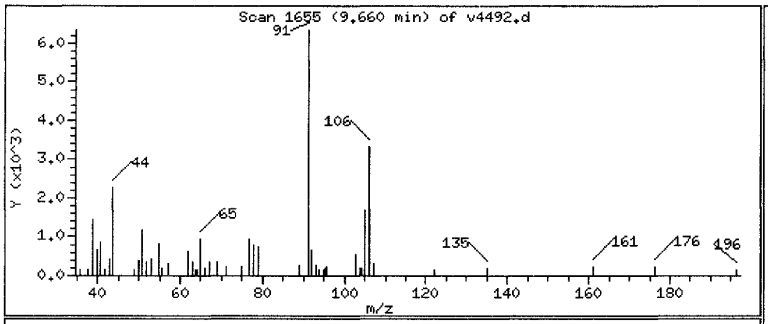
Operator: KCB

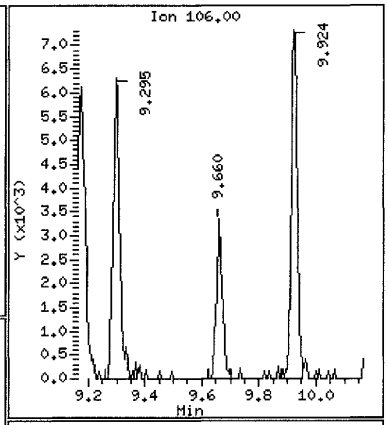
Column phase: DB-624-30M

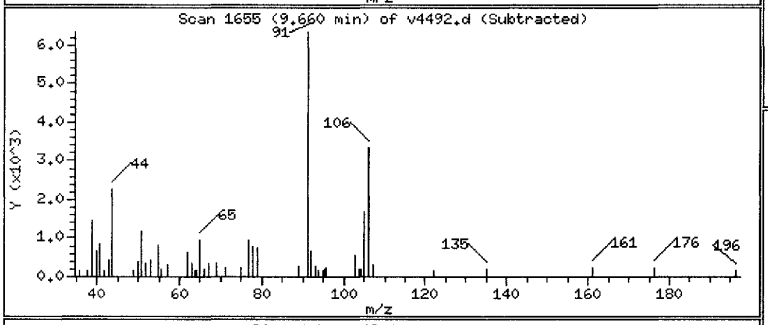
Column diameter: 0.53

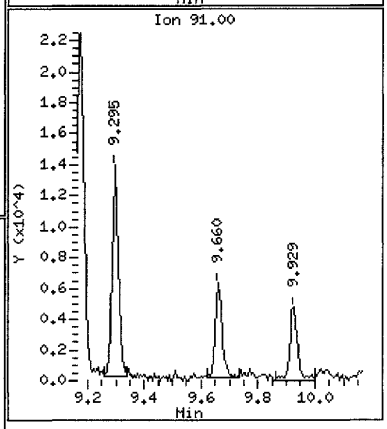
96 o-Xylene

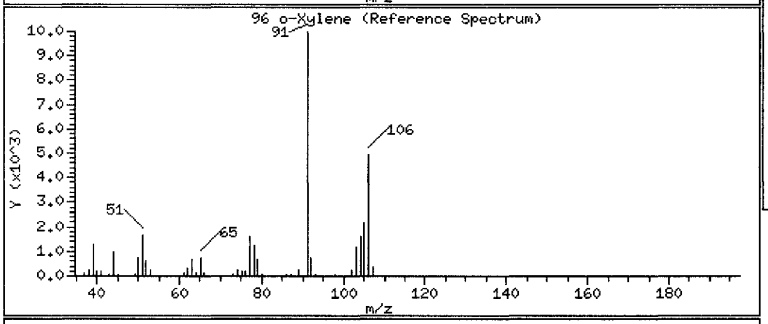
Concentration: 0.913 ug/Kg

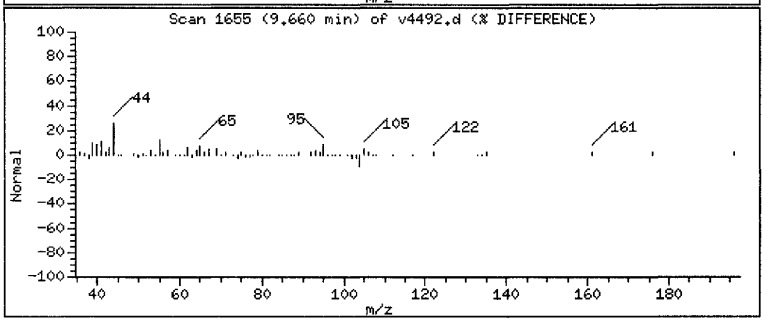












Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

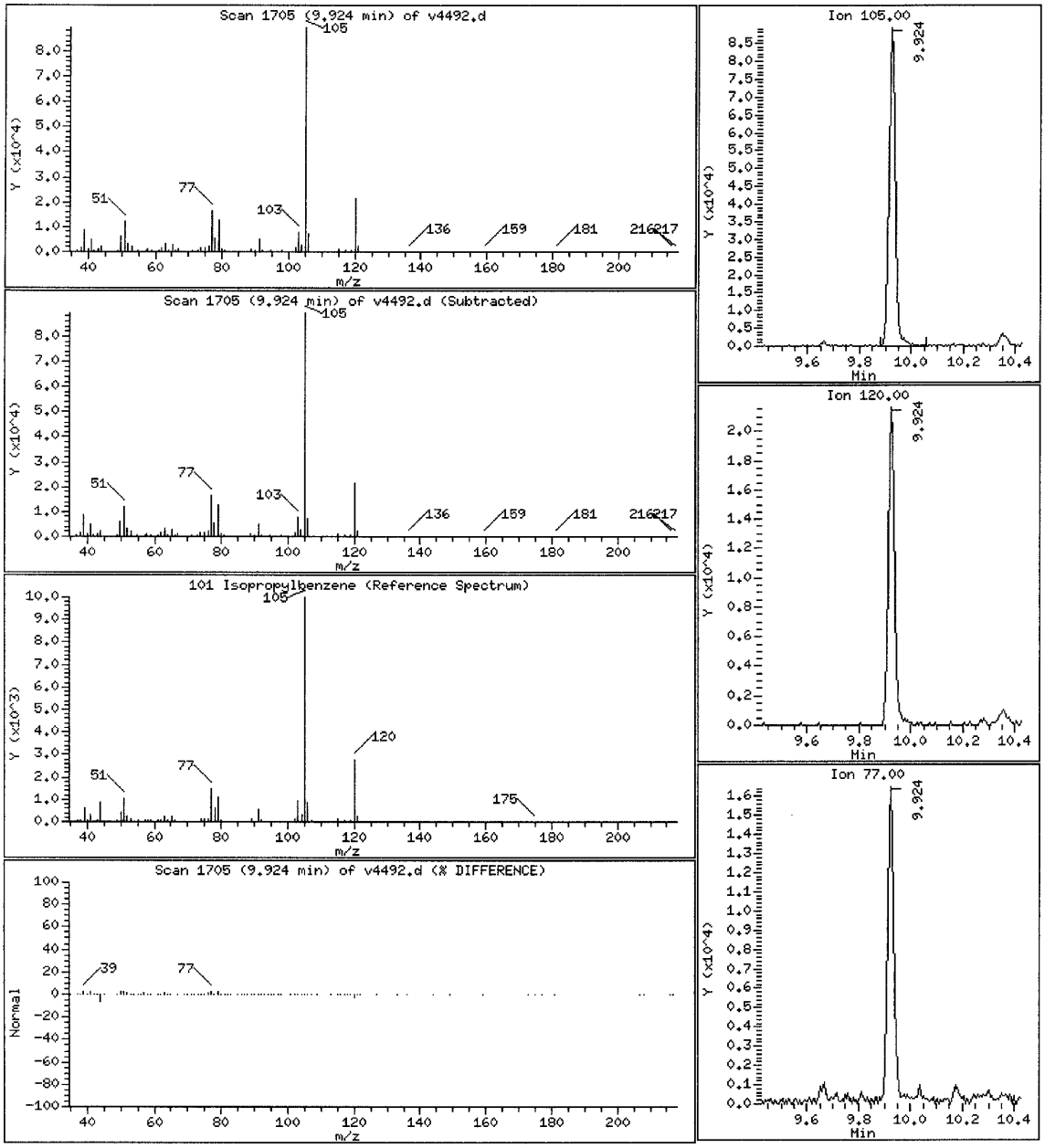
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

101 Isopropylbenzene

Concentration: 12.6 ug/Kg



Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

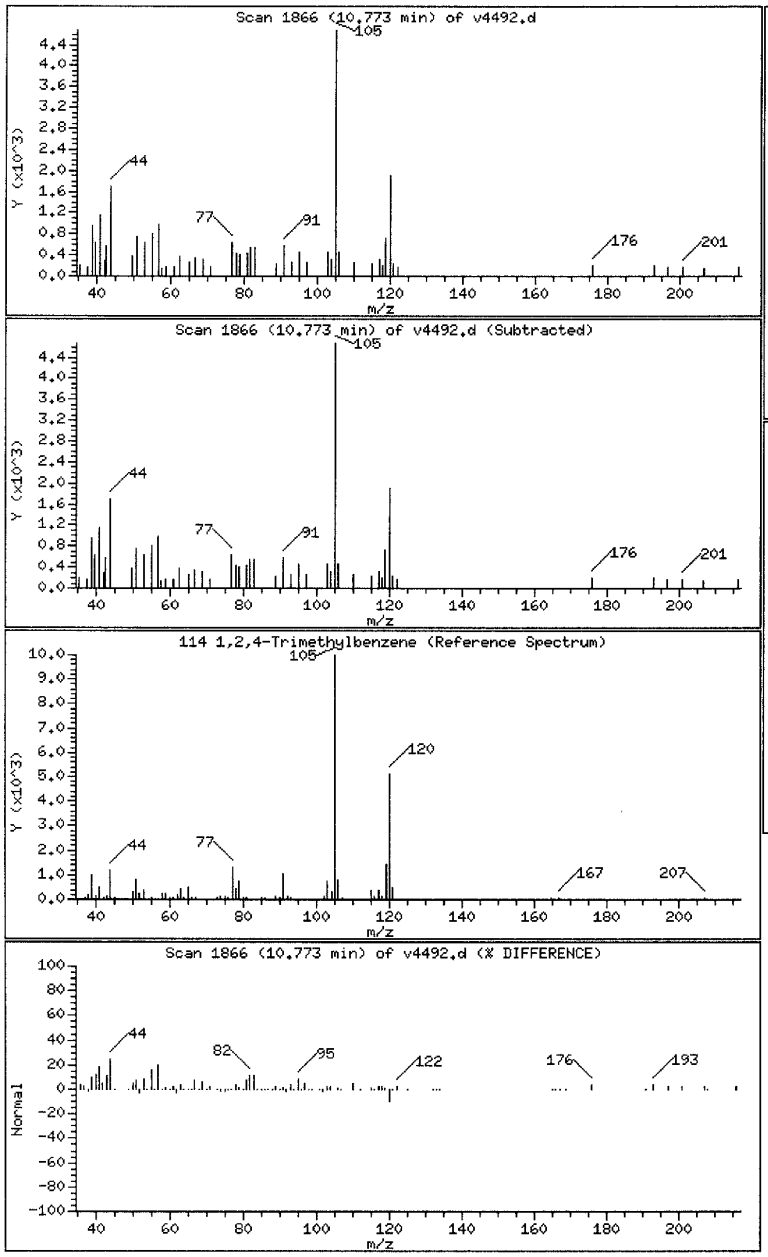
Operator: KCB

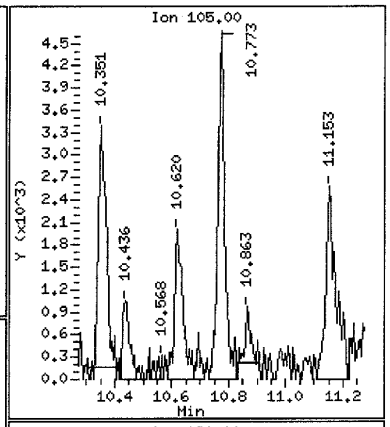
Column phase: DB-624-30M

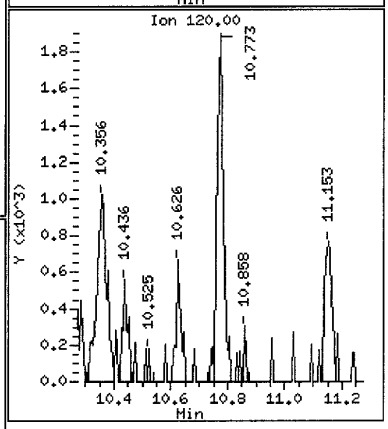
Column diameter: 0.53

114 1,2,4-Trimethylbenzene

Concentration: 0.804 ug/Kg







188140

Data File: /var/chem/msv4.i/20607220q.s.b/v4492.d

Date : 22-JUL-2006 22:37

Client ID: SE3SB56-112-(1-2)

Instrument: msv4.i

Sample Info: 20607200615*SE3SB56-112-(1-2)

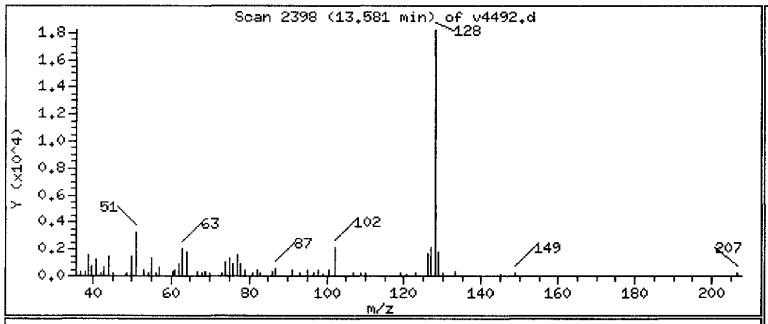
Operator: KCB

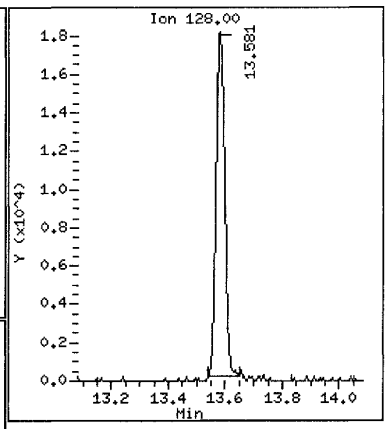
Column phase: DB-624-30M

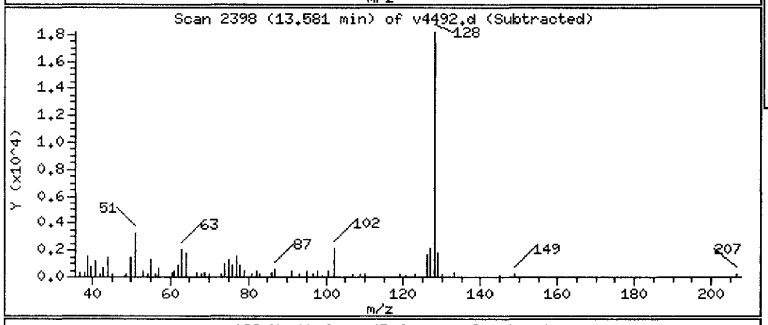
Column diameter: 0.53

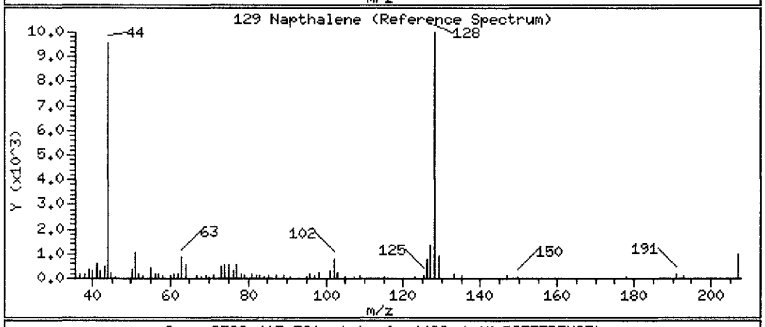
129 Napthalene

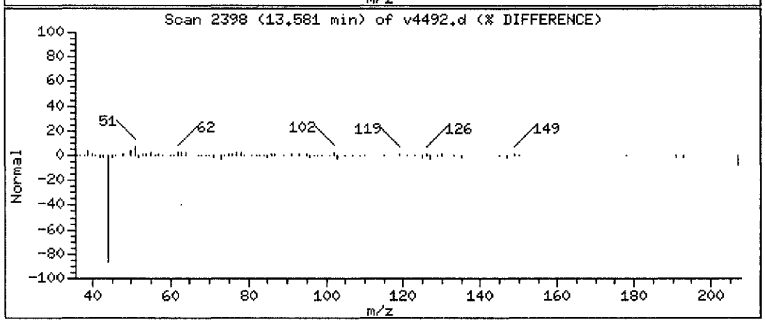
Concentration: 6.06 ug/Kg









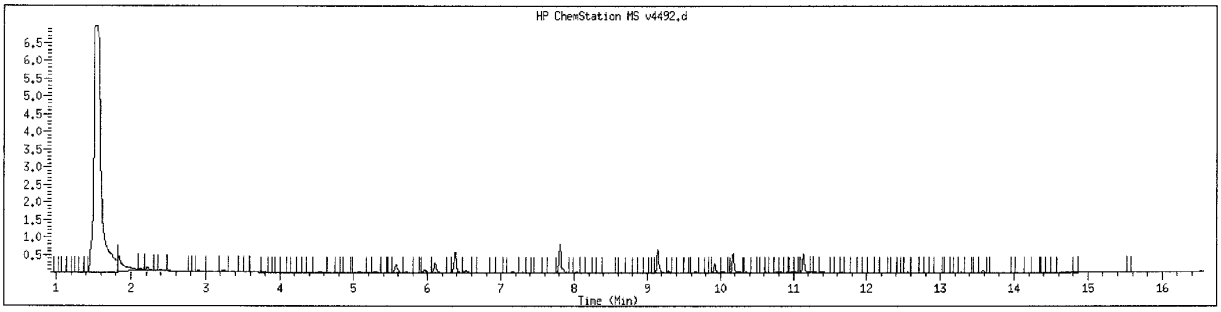


188141

Data file : /var/chem/msv4.i/2060722q.s.b/v4492.d Page: 1
Report Date: 07/23/2006 07:05

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200615	SampleType	: SAMPLE
Injection Date	: 22-JUL-2006 22:37	Instrument	: msv4.i
Operator	: KCB		
Sample Info	: 20607200615*SE3SB56-112-(1-2)		
Misc Info	: MSV~8729~*1*RSS		
Method	: /var/chem/msv4.i/2060722q.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b+nbutyl-ol



Original Final

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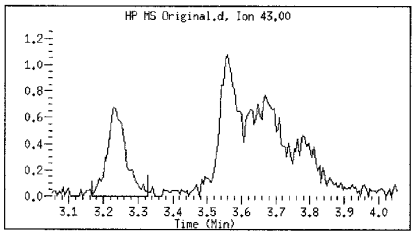
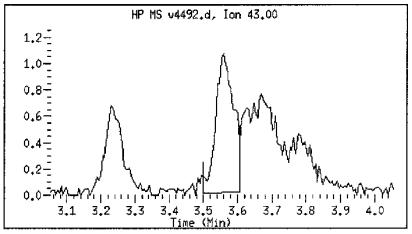
17 Acetone CAS#: 67-64-1





188142

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SH5SB66-132-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.88 (g/ml) g Lab Sample ID: 20607200617

Level: (low/med) LOW Lab File ID: 2060722Q/V4493

% Moisture: not dec. 11.9 Date Collected: 07/18/06 Time: 1755

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 2301

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	4.12	U	0.145	4.12
71-55-6	1,1,1-Trichloroethane	4.12	U	0.101	4.12
79-34-5	1,1,2,2-Tetrachloroethane	4.12	U	0.148	4.12
79-00-5	1,1,2-Trichloroethane	4.12	U	0.094	4.12
75-34-3	1,1-Dichloroethane	4.12	U	0.131	4.12
75-35-4	1,1-Dichloroethene	4.12	U	0.296	4.12
563-58-6	1,1-Dichloropropene	4.12	U	0.107	4.12
96-18-4	1,2,3-Trichloropropane	1.65	U	0.202	1.65
120-82-1	1,2,4-Trichlorobenzene	4.12	U	0.270	4.12
95-63-6	1,2,4-Trimethylbenzene	4.12	U	0.163	4.12
96-12-8	1,2-Dibromo-3-chloropropane	4.12	U	0.714	4.12
106-93-4	1,2-Dibromoethane	4.12	U	0.124	4.12
95-50-1	1,2-Dichlorobenzene	4.12	U	0.094	4.12
107-06-2	1,2-Dichloroethane	4.12	U	0.094	4.12
78-87-5	1,2-Dichloropropane	4.12	U	0.092	4.12
108-67-8	1,3,5-Trimethylbenzene	4.12	U	0.134	4.12
541-73-1	1,3-Dichlorobenzene	4.12	U	0.195	4.12
142-28-9	1,3-Dichloropropane	4.12	U	0.112	4.12
106-46-7	1,4-Dichlorobenzene	4.12	U	0.347	4.12
594-20-7	2,2-Dichloropropane	4.12	U	0.145	4.12
78-93-3	2-Butanone	3.70	JB	0.257	4.12
110-75-8	2-Chloroethylvinyl ether	4.12	U	1.73	4.12
95-49-8	2-Chlorotoluene	4.12	U	0.124	4.12
591-78-6	2-Hexanone	4.12	U	0.681	4.12
106-43-4	4-Chlorotoluene	4.12	U	0.268	4.12
99-87-6	4-Isopropyltoluene	4.12	U	0.133	4.12
108-10-1	4-Methyl-2-pentanone	4.12	U	0.143	4.12
67-64-1	Acetone	13.6	JB	0.308	20.6
107-02-8	Acrolein	20.6	U	1.93	20.6
107-13-1	Acrylonitrile	20.6	U	0.587	20.6
71-43-2	Benzene	3.43	J	0.086	4.12

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SH5SB66-132-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.88 (g/ml) g Lab Sample ID: 20607200617

Level: (low/med) LOW Lab File ID: 2060722Q/V4493

% Moisture: not dec. 11.9 Date Collected: 07/18/06 Time: 1755

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 2301

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: *ug/kg* Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	4.12	U	0.194	4.12
75-27-4	Bromodichloromethane	4.12	U	0.111	4.12
75-25-2	Bromoform	4.12	U	0.139	4.12
74-83-9	Bromomethane	4.12	U	1.24	4.12
104-51-8	n-Butylbenzene	4.12	U	0.147	4.12
75-15-0	Carbon disulfide	4.12	U	0.090	4.12
56-23-5	Carbon tetrachloride	4.12	U	0.099	4.12
108-90-7	Chlorobenzene	4.12	U	0.136	4.12
75-00-3	Chloroethane	4.12	U	0.500	4.12
67-66-3	Chloroform	4.12	U	0.116	4.12
74-87-3	Chloromethane	4.12	U	0.383	4.12
110-82-7	Cyclohexane	1.06	J	0.912	4.12
124-48-1	Dibromochloromethane	4.12	U	0.074	4.12
74-95-3	Dibromomethane	4.12	U	0.129	4.12
75-71-8	Dichlorodifluoromethane	4.12	U	0.300	4.12
10061-01-5	cis-1,3-Dichloropropene	4.12	U	0.095	4.12
10061-02-6	trans-1,3-Dichloropropene	4.12	U	0.116	4.12
100-41-4	Ethylbenzene	4.12	U	0.171	4.12
87-68-3	Hexachlorobutadiene	4.12	U	1.03	4.12
98-82-8	Isopropylbenzene (Cumene)	4.12	U	0.126	4.12
79-20-9	Methyl Acetate	4.12	U	1.26	4.12
74-88-4	Methyl iodide	4.12	U	0.747	4.12
108-87-2	Methylcyclohexane	1.24	J	0.305	4.12
75-09-2	Methylene chloride	8.25	U	0.395	8.25
91-20-3	Naphthalene	4.12	U	0.310	4.12
100-42-5	Styrene	4.12	U	0.125	4.12
127-18-4	Tetrachloroethene	4.12	U	0.158	4.12
108-88-3	Toluene	3.27	J	0.454	4.12
79-01-6	Trichloroethene	4.12	U	0.146	4.12
75-69-4	Trichlorofluoromethane	4.12	U	0.208	4.12
76-13-1	Trichlorotrifluoroethane	4.12	U	0.155	4.12
108-05-4	Vinyl acetate	4.12	U	0.807	4.12

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SH5SB66-132-(1-2)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.88 (g/ml) g Lab Sample ID: 20607200617

Level: (low/med) LOW Lab File ID: 2060722Q/V4493

% Moisture: not dec. 11.9 Date Collected: 07/18/06 Time: 1755

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 2301

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	4.12	U	0.289	4.12
1330-20-7	Xylene (total)	8.25	U	0.472	8.25
156-59-2	cis-1,2-Dichloroethene	4.12	U	0.104	4.12
136777-61-	m,p-Xylene	4.12	U	0.328	4.12
71-36-3	n-Butyl alcohol	20.6	U	0.825	20.6
103-65-1	n-Propylbenzene	4.12	U	0.115	4.12
95-47-6	o-Xylene	4.12	U	0.143	4.12
135-98-8	sec-Butylbenzene	4.12	U	0.096	4.12
1634-04-4	tert-Butyl methyl ether (MTBE)	4.12	U	0.061	4.12
98-06-6	tert-Butylbenzene	4.12	U	0.208	4.12
156-60-5	trans-1,2-Dichloroethene	4.12	U	0.135	4.12
110-57-6	trans-1,4-Dichloro-2-butene	4.12	U	0.595	4.12

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4493.d
Lab Smp Id: 20607200617 Client Smp ID: SH5SB66-132-(1-2)
Inj Date : 22-JUL-2006 23:01
Operator : KCB Inst ID: msv4.i
Smp Info : 20607200617*SH5SB66-132-(1-2)
Misc Info : MSV~8729~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:52 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.88000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
17 Acetone	43	3.564	3.552	(0.559)	45977	16.4970	12.0	6903(MH)
20 Hexane	57	3.781	3.790	(0.593)	11065	1.47091	1.07	7339
35 Cyclohexane	56	5.274	5.284	(0.828)	6568	1.28340	0.933	5908
$ 44 Dibromofluoromethane	111	5.570	5.569	(0.874)	208732	54.5018	39.6	2890
46 2-Butanone	43	5.723	5.711	(0.898)	43895	4.48222	3.26	
53 Benzene	78	5.961	5.959	(0.935)	45773	4.16135	3.02	8475
$ 54 1,2-Dichloroethane-d4	67	6.103	6.102	(0.958)	123993	47.7166	34.7	9458
* 58 FLUOROBENZENE	96	6.372	6.371	(1.000)	556720	50.0000		9429
59 Methyl cyclohexane	83	6.520	6.513	(1.023)	6050	1.50206	1.09	8383
$ 76 Toluene-d8	98	7.808	7.807	(0.854)	512914	66.4703	48.3	9343(R)
77 Toluene +	91	7.855	7.849	(0.859)	35917	3.96548	2.88	8202
* 90 Chlorobenzene-d5	82	9.143	9.148	(1.000)	198351	50.0000		8970
$ 103 Bromofluorobenzene	174	10.178	10.177	(1.113)	143907	54.5221	39.6	8863

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
* 121 1,4-DICHLOROBENZENE-D4	152	11.133	11.138	(1.000)	131840	50.0000		8861

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060722q.s.b/v4493.d

Date : 22-JUL-2006 23:01

Client ID: SH5SB66-132-(1-2)

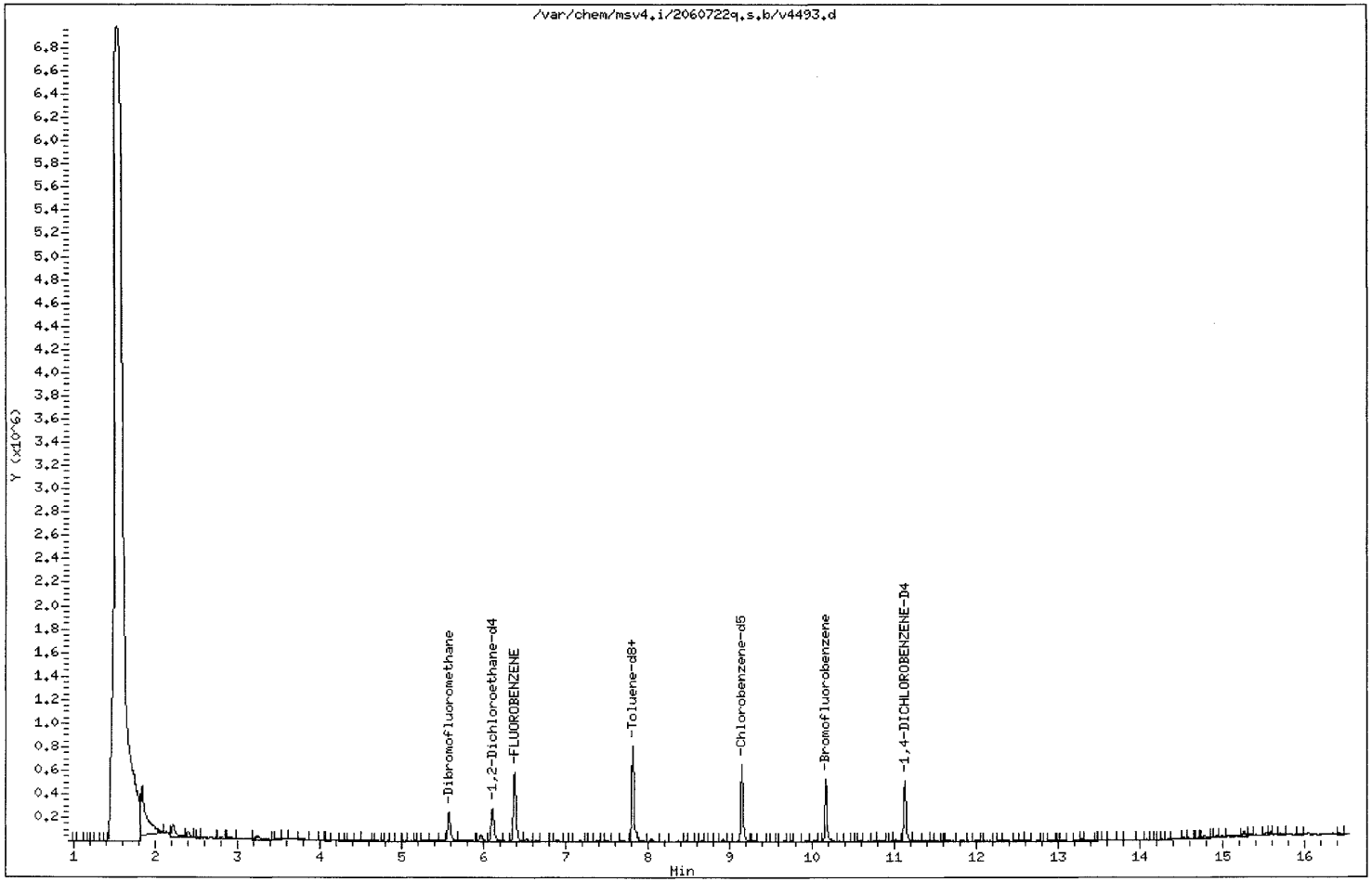
Instrument: msv4.i

Sample Info: 20607200617*SH5SB66-132-(1-2)

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53



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Date : 22-JUL-2006 23:01

Client ID: SH5SB66-132-(1-2)

Instrument: msv4.i

Sample Info: 20607200617*SH5SB66-132-(1-2)

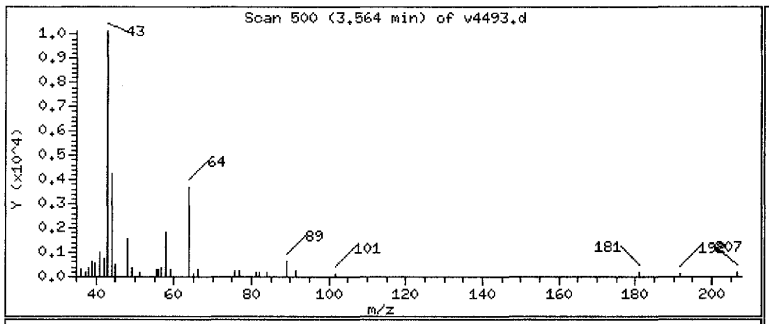
Operator: KCB

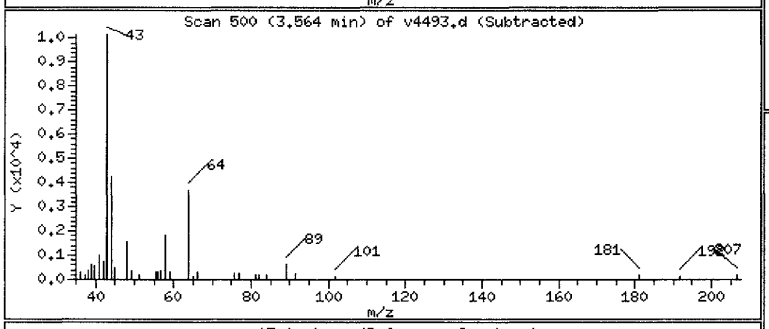
Column phase: DB-624-30M

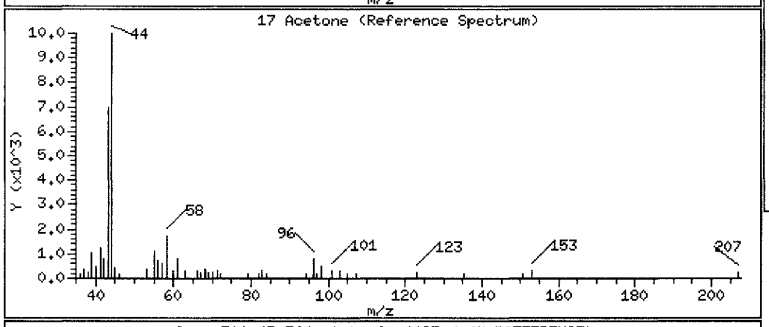
Column diameter: 0.53

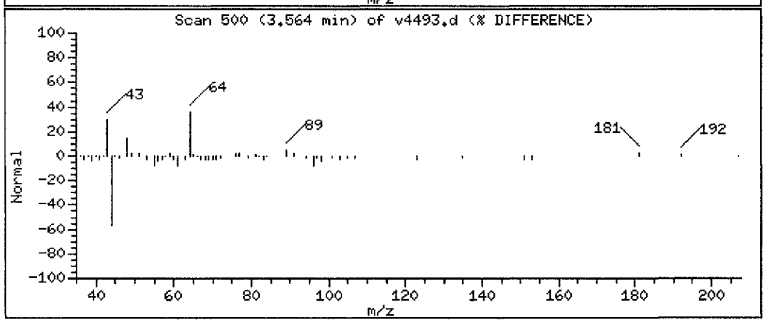
17 Acetone

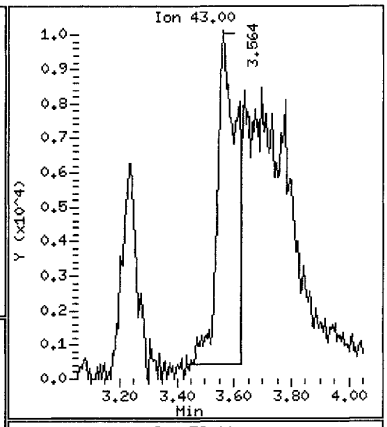
Concentration: 12.0 ug/Kg

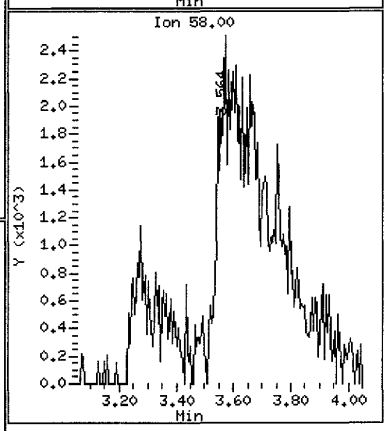












Data File: /var/chem/msv4.i/20060722q.s.b/v4493.d

Date : 22-JUL-2006 23:01

Client ID: SH5SB66-132-(1-2)

Instrument: msv4.i

Sample Info: 20607200617*SH5SB66-132-(1-2)

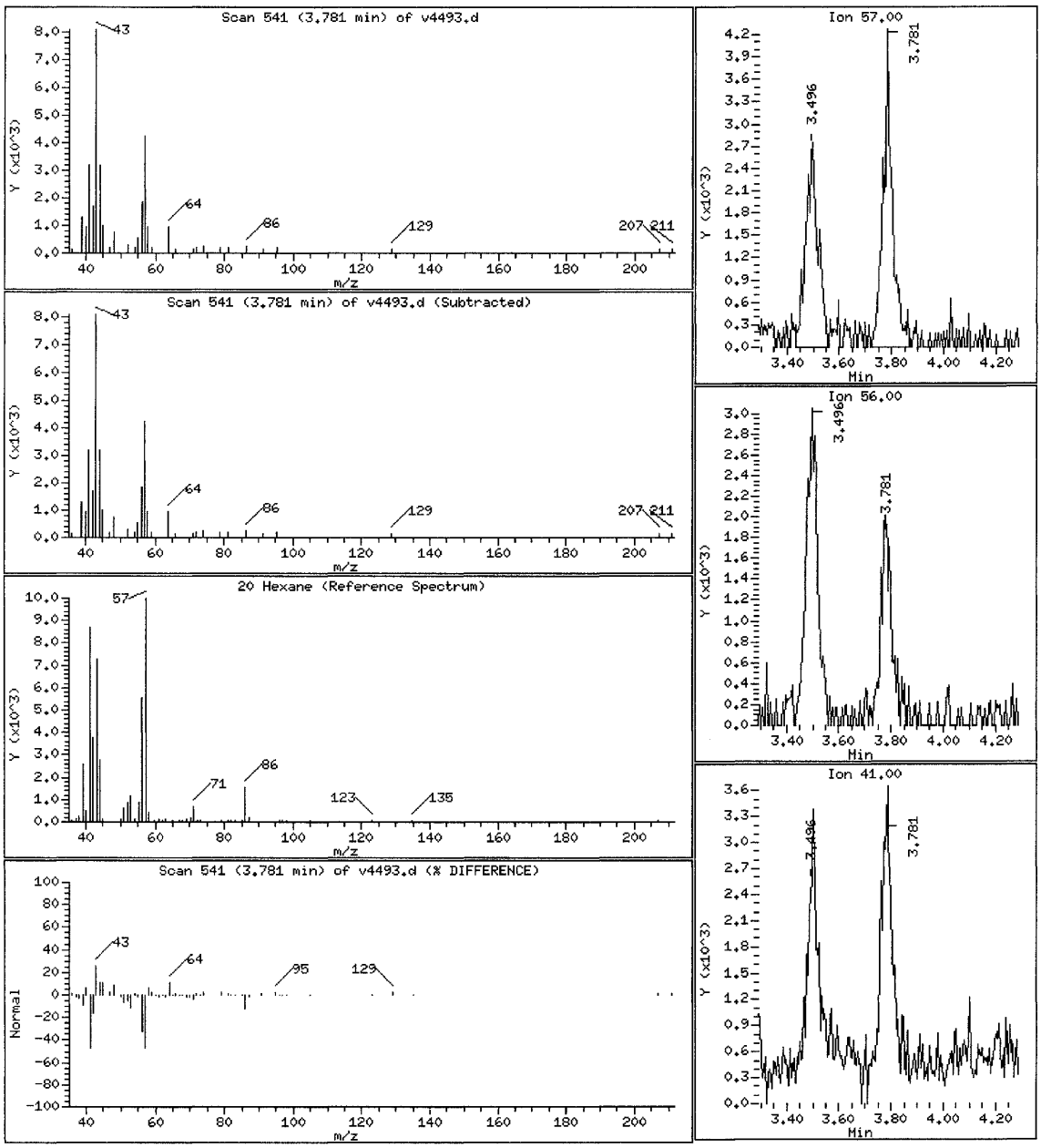
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

20 Hexane

Concentration: 1.07 ug/Kg



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Date : 22-JUL-2006 23:01

Client ID: SH5SB66-132-(1-2)

Instrument: msv4.i

Sample Info: 20607200617*SH5SB66-132-(1-2)

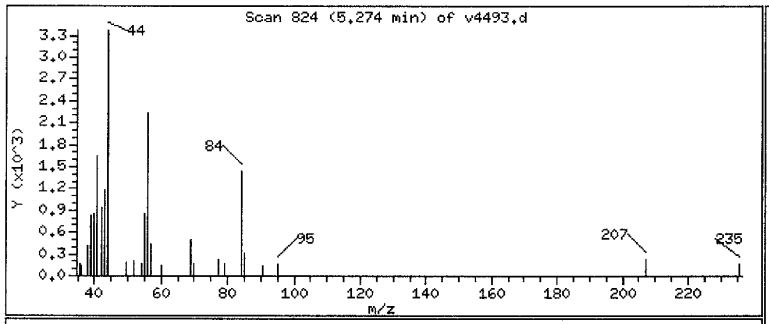
Operator: KCB

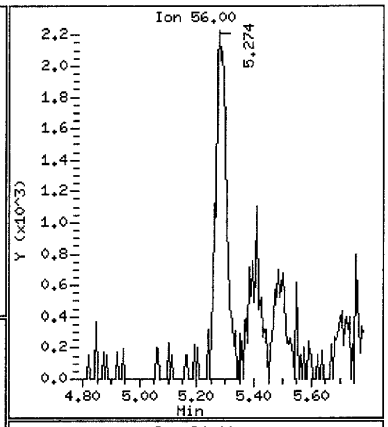
Column phase: DB-624-30M

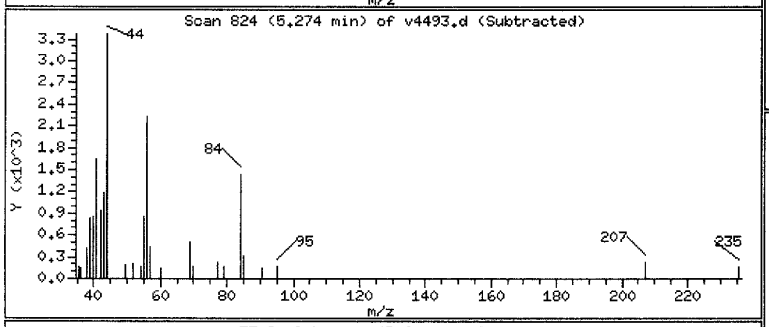
Column diameter: 0.53

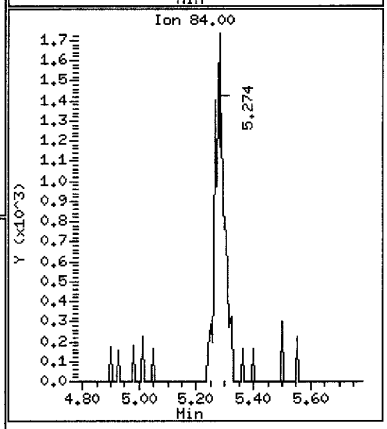
35 Cyclohexane

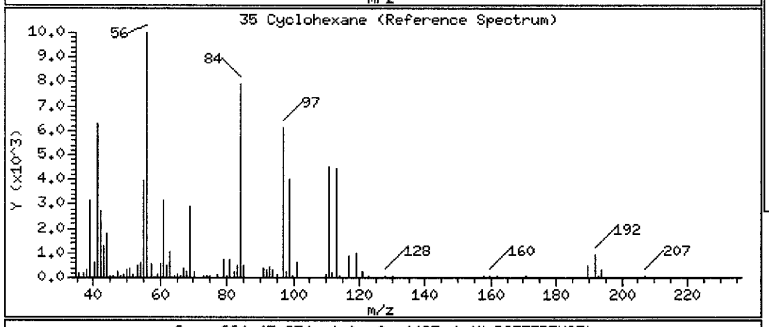
Concentration: 0.933 ug/Kg

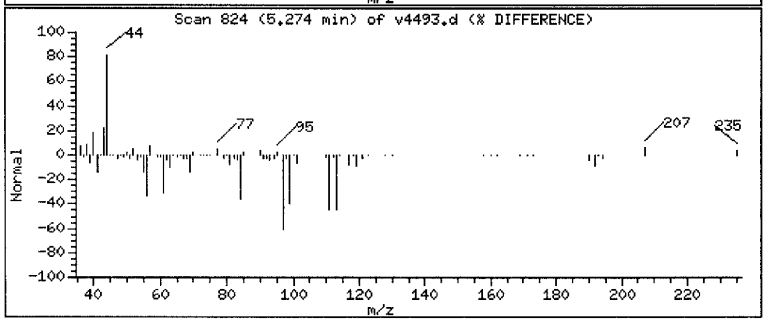












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Date : 22-JUL-2006 23:01

Client ID: SH5SB66-132-(1-2)

Instrument: msv4.i

Sample Info: 20607200617*SH5SB66-132-(1-2)

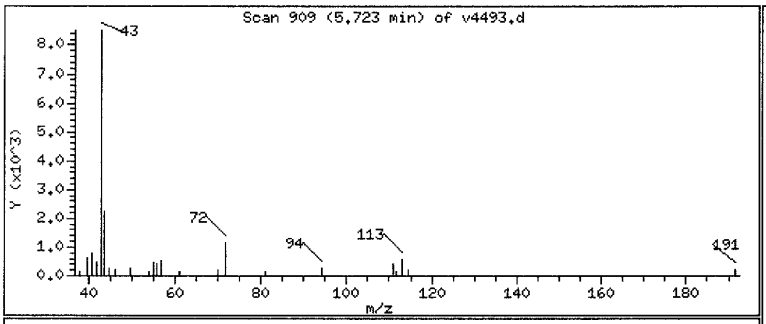
Operator: KCB

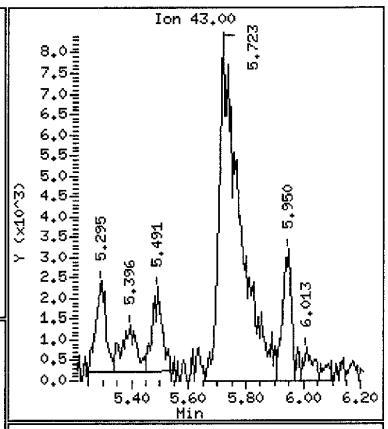
Column phase: DB-624-30M

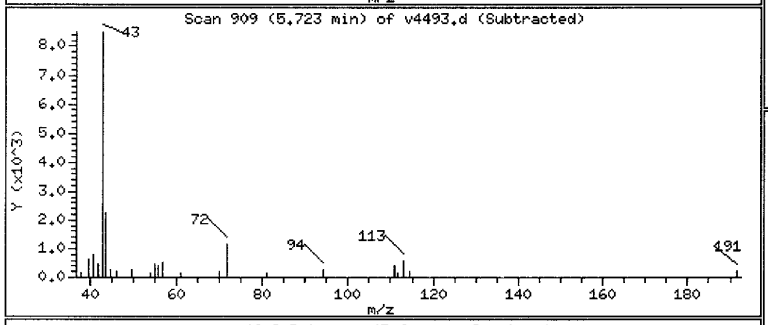
Column diameter: 0.53

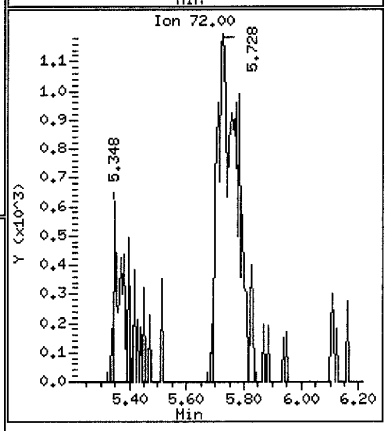
46 2-Butanone

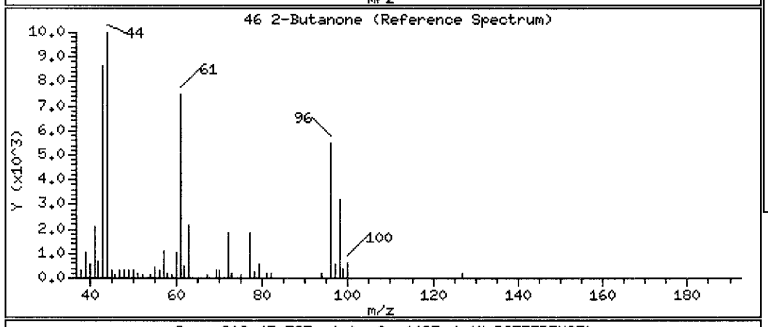
Concentration: 3.26 ug/Kg

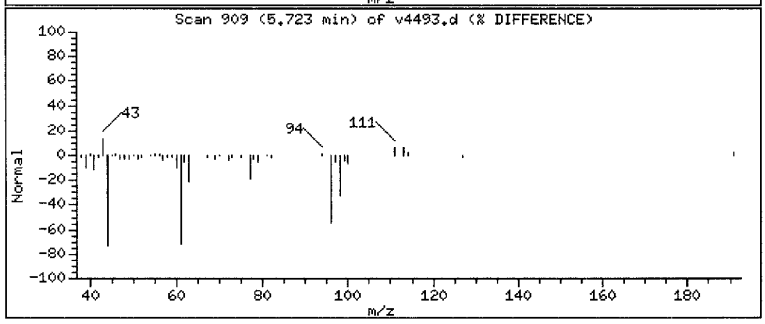












Data File: /var/chem/msv4.i/20060722q.s.b/v4493.d

Date : 22-JUL-2006 23:01

Client ID: SH5SB66-132-(1-2)

Instrument: msv4.i

Sample Info: 20607200617*SH5SB66-132-(1-2)

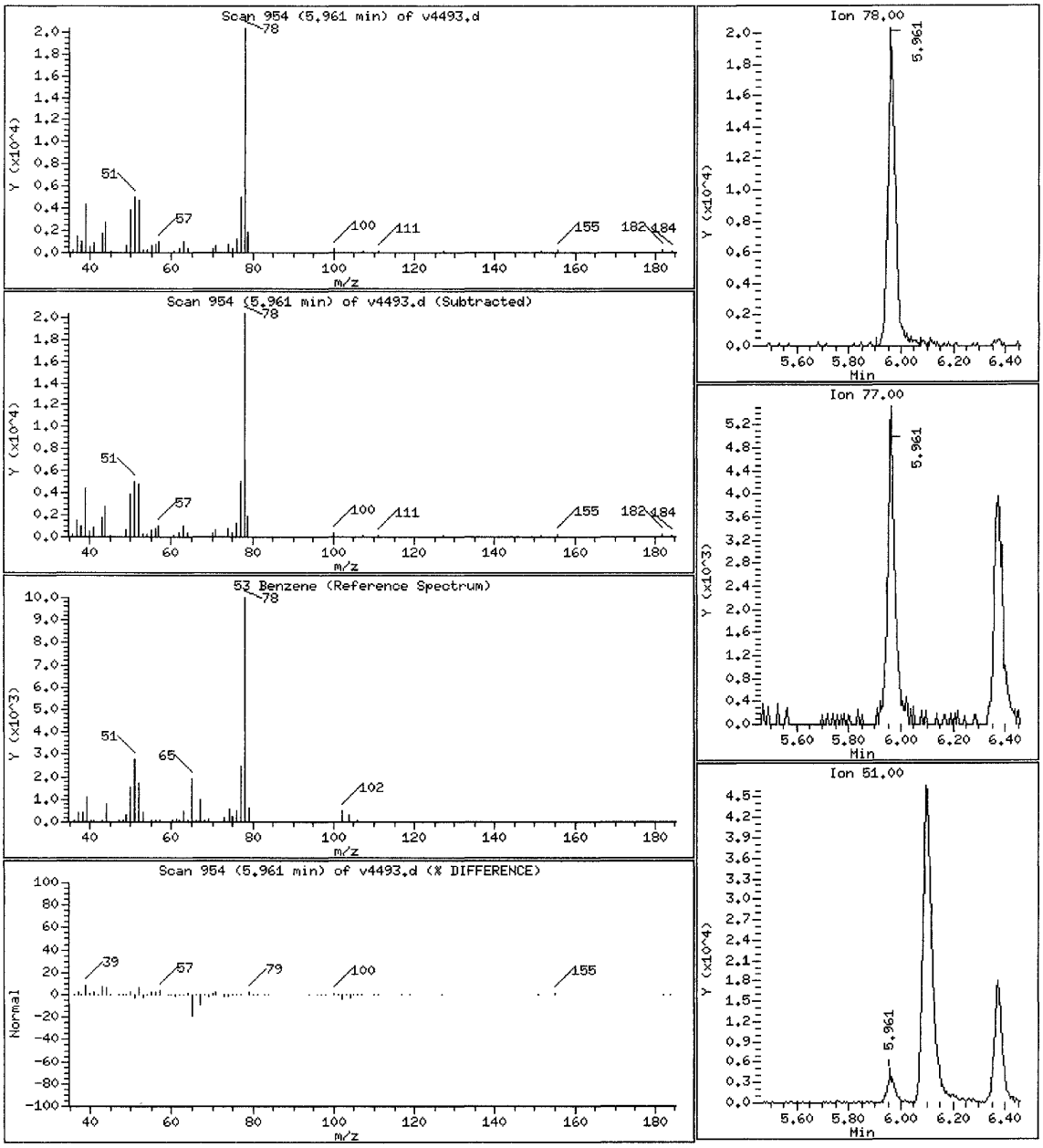
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

53 Benzene

Concentration: 3.02 ug/Kg



Data File: /var/chem/msv4.i/20607220q.s.b/v4493.d

Date : 22-JUL-2006 23:01

Client ID: SH5SB66-132-(1-2)

Instrument: msv4.i

Sample Info: 20607200617*SH5SB66-132-(1-2)

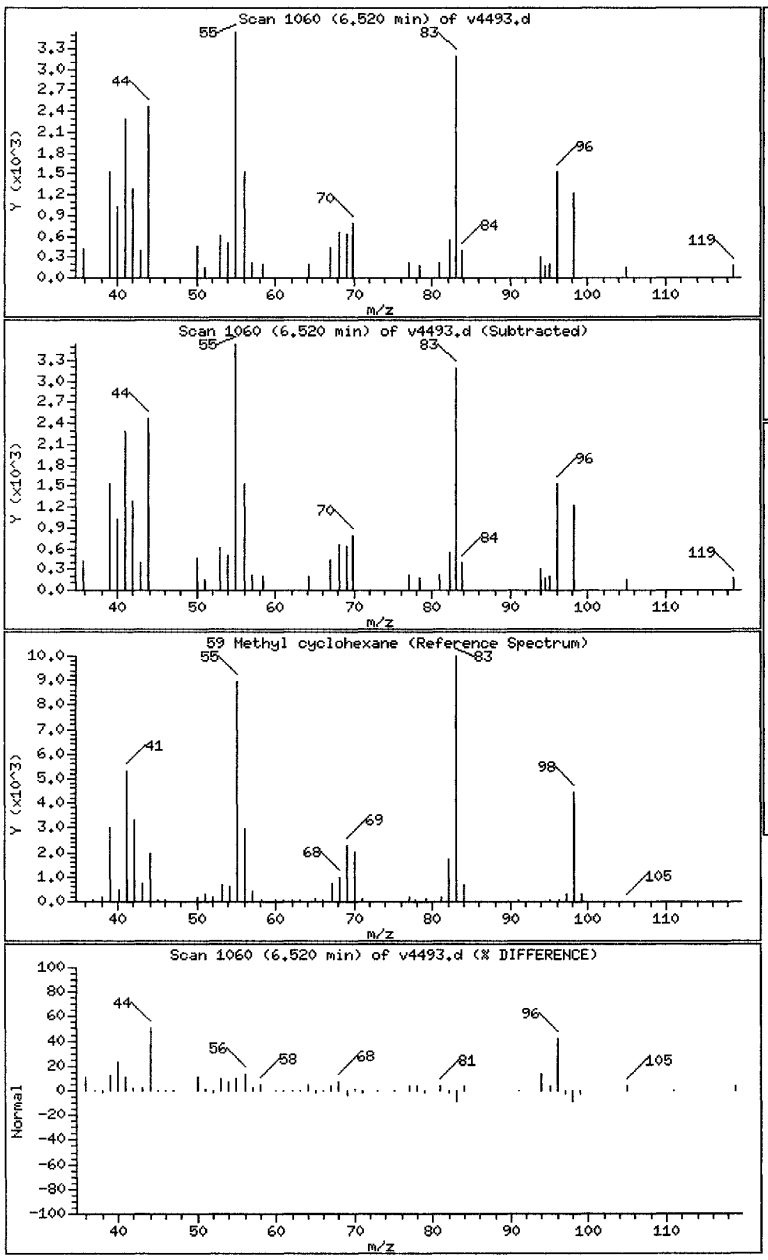
Operator: KCB

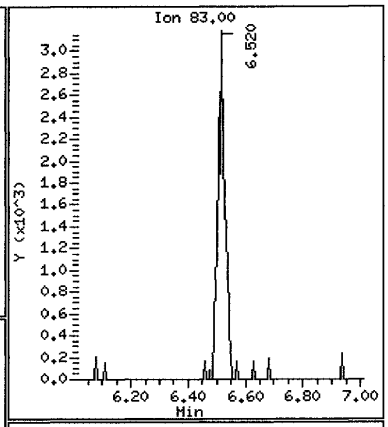
Column phase: DB-624-30M

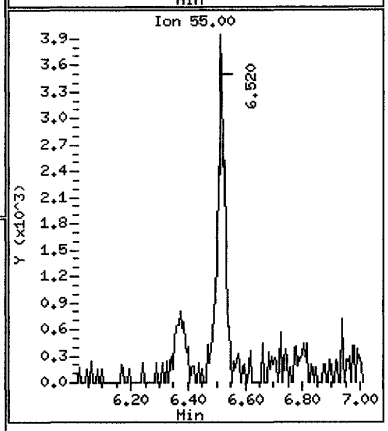
Column diameter: 0.53

59 Methyl cyclohexane

Concentration: 1.09 ug/Kg







Data File: /var/chem/msv4.i/20607220q.s.b/v4493.d

Date : 22-JUL-2006 23:01

Client ID: SH5SB66-132-(1-2)

Instrument: msv4.i

Sample Info: 20607200617*SH5SB66-132-(1-2)

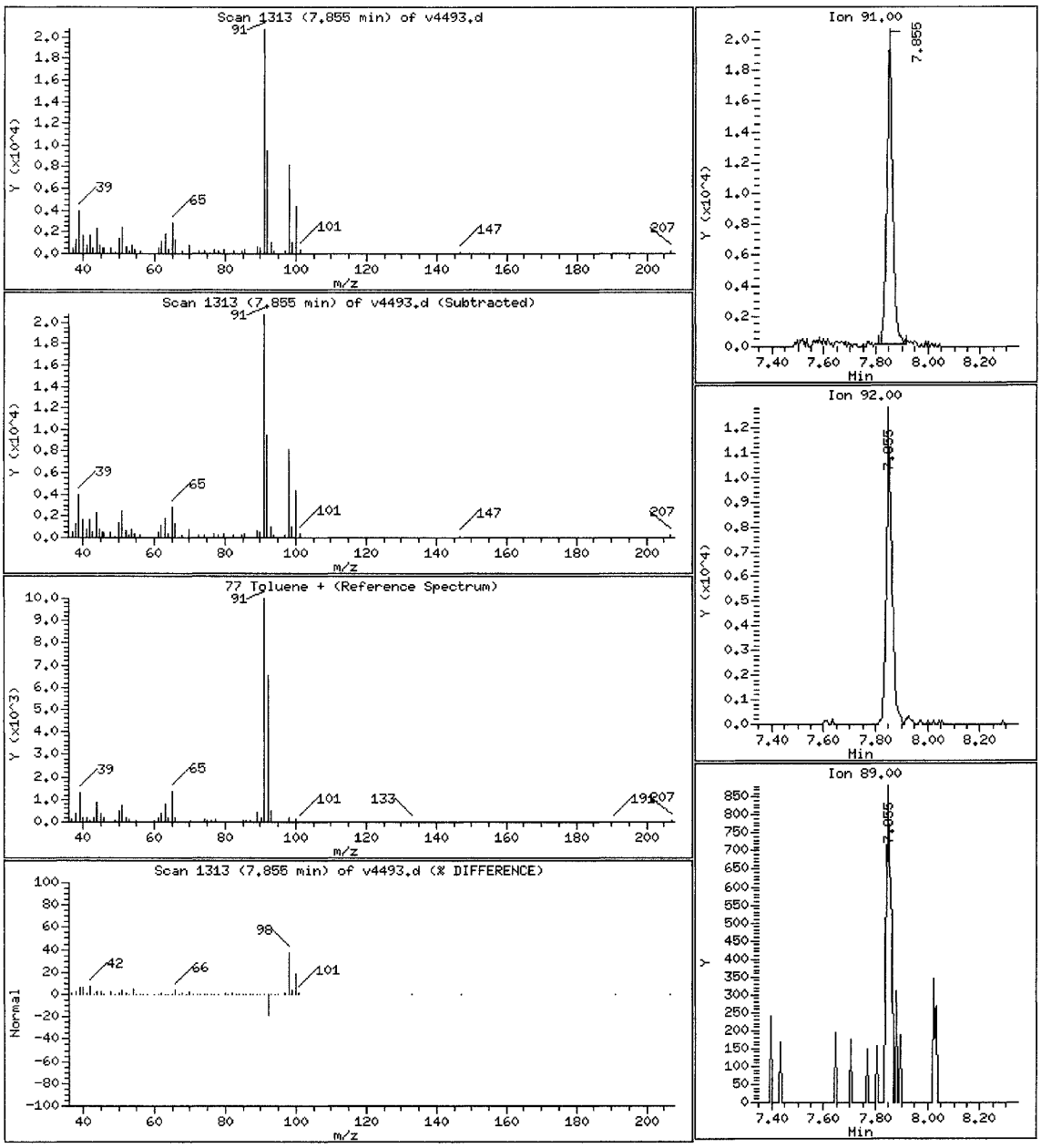
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

77 Toluene +

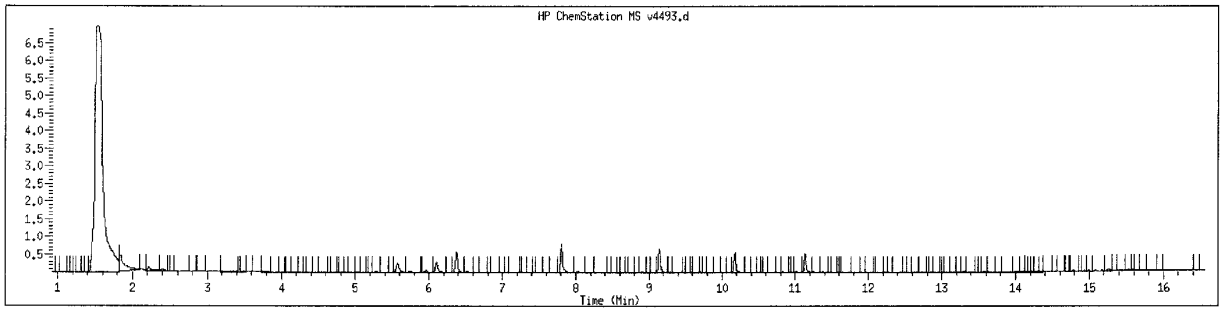
Concentration: 2.88 ug/Kg



Data file : /var/chem/msv4.i/2060722q.s.b/v4493.d Page: 1
Report Date: 07/23/2006 07:05

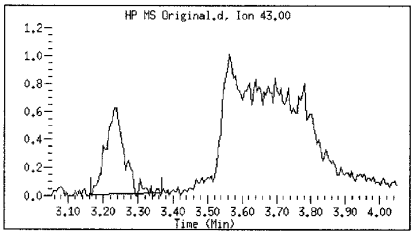
MANUAL INTEGRATION GRAPHIC REPORT

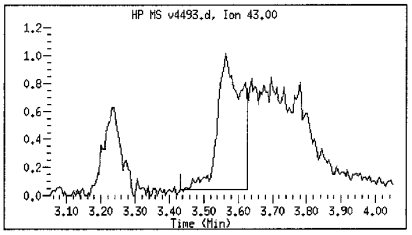
Lab ID	: 20607200617	SampleType	: SAMPLE
Injection Date	: 22-JUL-2006 23:01	Instrument	: msv4.i
Operator	: KCB		
Sample Info	: 20607200617*SH5SB66-132-(1-2)		
Misc Info	: MSV~8729~*1*RSS		
Method	: /var/chem/msv4.i/2060722q.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b+nbutyl-ol



Original Final

17 Acetone CAS#: 67-64-1





000184

188156

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

FB-503

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 20607200622

Level: (low/med) LOW Lab File ID: 2060721Q/G6371

% Moisture: not dec. Date Collected: 07/18/06 Time: 1845

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0805

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	5.00	U	0.343	5.00
71-55-6	1,1,1-Trichloroethane	5.00	U	0.173	5.00
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.227	5.00
79-00-5	1,1,2-Trichloroethane	5.00	U	0.131	5.00
75-34-3	1,1-Dichloroethane	5.00	U	0.252	5.00
75-35-4	1,1-Dichloroethene	5.00	U	0.229	5.00
563-58-6	1,1-Dichloropropene	5.00	U	0.102	5.00
96-18-4	1,2,3-Trichloropropane	5.00	U	0.462	5.00
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.378	5.00
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.181	5.00
96-12-8	1,2-Dibromo-3-chloropropane	5.00	U	0.190	5.00
106-93-4	1,2-Dibromoethane	5.00	U	0.206	5.00
95-50-1	1,2-Dichlorobenzene	5.00	U	0.240	5.00
107-06-2	1,2-Dichloroethane	5.00	U	0.205	5.00
78-87-5	1,2-Dichloropropane	5.00	U	0.238	5.00
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.185	5.00
541-73-1	1,3-Dichlorobenzene	5.00	U	0.125	5.00
142-28-9	1,3-Dichloropropane	5.00	U	0.218	5.00
106-46-7	1,4-Dichlorobenzene	5.00	U	0.135	5.00
594-20-7	2,2-Dichloropropane	5.00	U	0.196	5.00
78-93-3	2-Butanone	5.00	U	0.429	5.00
110-75-8	2-Chloroethylvinyl ether	5.00	U	0.221	5.00
95-49-8	2-Chlorotoluene	5.00	U	0.166	5.00
591-78-6	2-Hexanone	5.00	U	0.403	5.00
106-43-4	4-Chlorotoluene	5.00	U	0.211	5.00
99-87-6	4-Isopropyltoluene	5.00	U	0.121	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.454	5.00
67-64-1	Acetone	1.96	J	1.42	25.0
107-02-8	Acrolein	25.0	U	1.66	25.0
107-13-1	Acrylonitrile	25.0	U	1.10	25.0
71-43-2	Benzene	5.00	U	0.225	5.00

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

FB-503

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 20607200622

Level: (low/med) LOW Lab File ID: 2060721Q/G6371

% Moisture: not dec. Date Collected: 07/18/06 Time: 1845

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0805

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	5.00	U	0.196	5.00
75-27-4	Bromodichloromethane	5.00	U	0.219	5.00
75-25-2	Bromoform	5.00	U	0.216	5.00
74-83-9	Bromomethane	5.00	U	0.477	5.00
104-51-8	n-Butylbenzene	5.00	U	0.414	5.00
75-15-0	Carbon disulfide	5.00	U	0.098	5.00
56-23-5	Carbon tetrachloride	5.00	U	0.128	5.00
108-90-7	Chlorobenzene	5.00	U	0.213	5.00
75-00-3	Chloroethane	5.00	U	0.596	5.00
67-66-3	Chloroform	5.00	U	0.194	5.00
74-87-3	Chloromethane	5.00	U	0.453	5.00
110-82-7	Cyclohexane	5.00	U	0.187	5.00
124-48-1	Dibromochloromethane	5.00	U	0.081	5.00
74-95-3	Dibromomethane	5.00	U	0.354	5.00
75-71-8	Dichlorodifluoromethane	5.00	U	0.156	5.00
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.211	5.00
10061-02-6	trans-1,3-Dichloropropene	5.00	U	0.236	5.00
100-41-4	Ethylbenzene	5.00	U	0.227	5.00
87-68-3	Hexachlorobutadiene	5.00	U	0.243	5.00
98-82-8	Isopropylbenzene (Cumene)	5.00	U	0.122	5.00
79-20-9	Methyl Acetate	5.00	U	0.477	5.00
74-88-4	Methyl iodide	5.00	U	0.212	5.00
108-87-2	Methylcyclohexane	5.00	U	0.130	5.00
75-09-2	Methylene chloride	1.35	JB	0.445	10.0
91-20-3	Naphthalene	5.00	U	0.304	5.00
100-42-5	Styrene	5.00	U	0.135	5.00
127-18-4	Tetrachloroethene	5.00	U	0.227	5.00
108-88-3	Toluene	5.00	U	0.213	5.00
79-01-6	Trichloroethene	5.00	U	0.270	5.00
75-69-4	Trichlorofluoromethane	5.00	U	0.190	5.00
76-13-1	Trichlorotrifluoroethane	5.00	U	0.360	5.00
108-05-4	Vinyl acetate	5.00	U	0.240	5.00

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

FB-503

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 20607200622

Level: (low/med) LOW Lab File ID: 2060721Q/G6371

% Moisture: not dec. Date Collected: 07/18/06 Time: 1845

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0805

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	5.00	U	0.089	5.00
1330-20-7	Xylene (total)	10.0	U	0.509	10.0
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.163	5.00
136777-61-	m,p-Xylene	5.00	U	0.286	5.00
71-36-3	n-Butyl alcohol	25.0	U	25.0	25.0
103-65-1	n-Propylbenzene	5.00	U	0.175	5.00
95-47-6	o-Xylene	5.00	U	0.223	5.00
135-98-8	sec-Butylbenzene	5.00	U	0.157	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	5.00	U	0.179	5.00
98-06-6	tert-Butylbenzene	5.00	U	0.159	5.00
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.139	5.00
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.492	5.00

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6371.d
Lab Smp Id: 20607200622 Client Smp ID: FB-503
Inj Date : 22-JUL-2006 08:05
Operator : KCB Inst ID: msv5.i
Smp Info : 20607200622*FB-503
Misc Info : MSV~8724~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Meth Date : 22-Jul-2006 05:56 kcb Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

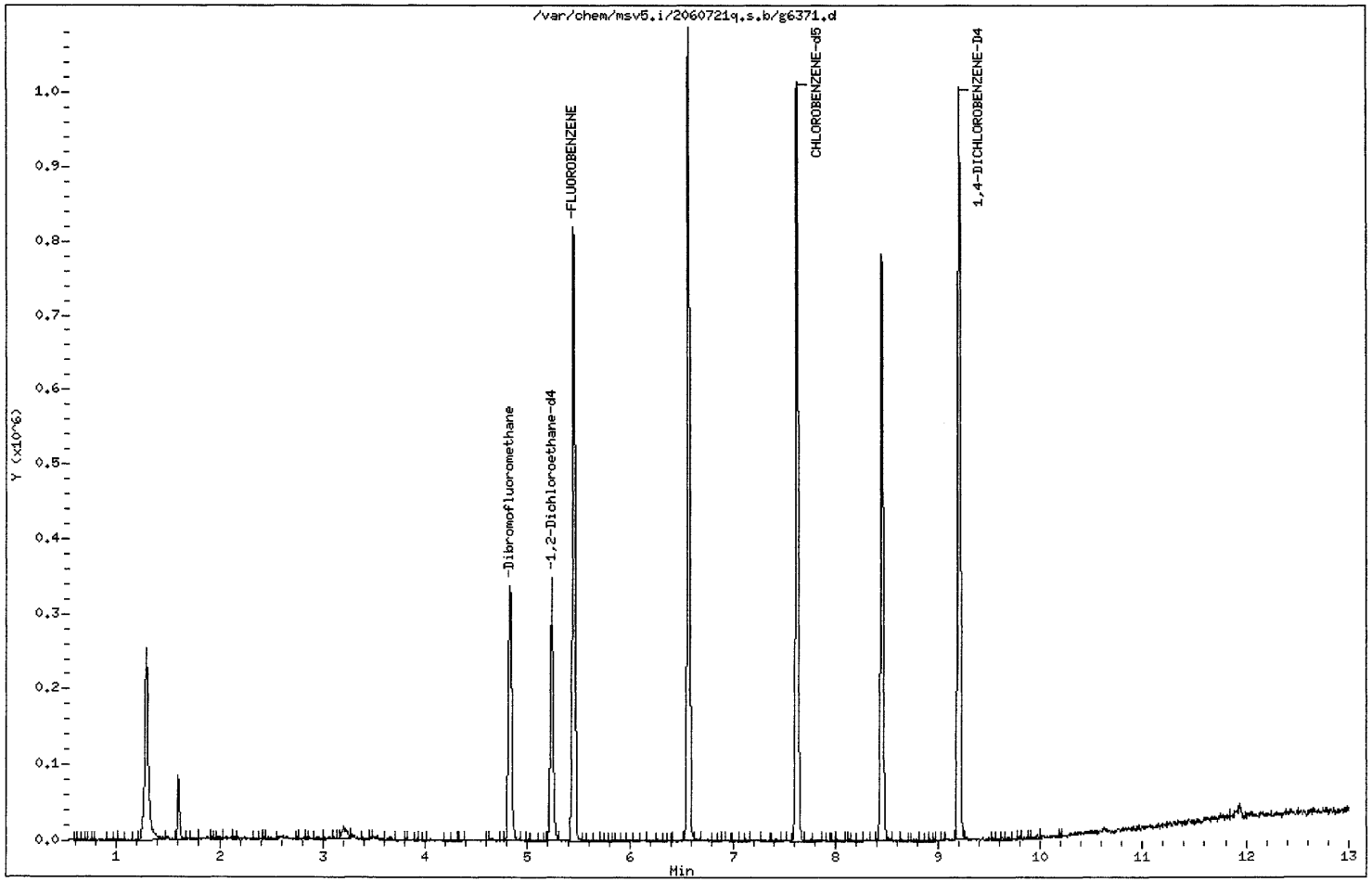
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
17 Methylene Chloride	49	3.232	3.239	(0.594)	5139	1.34858	1.35	
18 Acetone	43	3.296	3.298	(0.606)	4838	1.96413	1.96	
$ 39 Dibromofluoromethane	111	4.828	4.827	(0.887)	229511	58.9067	58.9	1661
$ 48 1,2-Dichloroethane-d4	67	5.237	5.238	(0.962)	123587	56.4228	56.4	
* 52 FLUOROBENZENE	96	5.442	5.443	(1.000)	708310	50.0000		
$ 67 Toluene-d8	98	6.565	6.563	(0.860)	676892	52.3062	52.3	
* 83 CHLOROBENZENE-d5	82	7.630	7.624	(1.000)	318068	50.0000		
$ 94 Bromofluorobenzene	174	8.455	8.452	(1.108)	220385	52.8392	52.8	
* 111 1,4-DICHLOROBENZENE-D4	152	9.203	9.200	(1.000)	259610	50.0000		

Data File: /var/chem/msv5.i/20607 21q.s.b/g6371.d
Date : 22-JUL-2006 08:05
Client ID: FB-503
Sample Info: 20607200622MFB-503
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: KCB
Column diameter: 0.53



Data File: /var/chem/msv5.i/20607214.s.b/g6371.d

Date : 22-JUL-2006 08:05

Client ID: FB-503

Instrument: msv5.i

Sample Info: 20607200622*FB-503

Purge Volume: 5.0

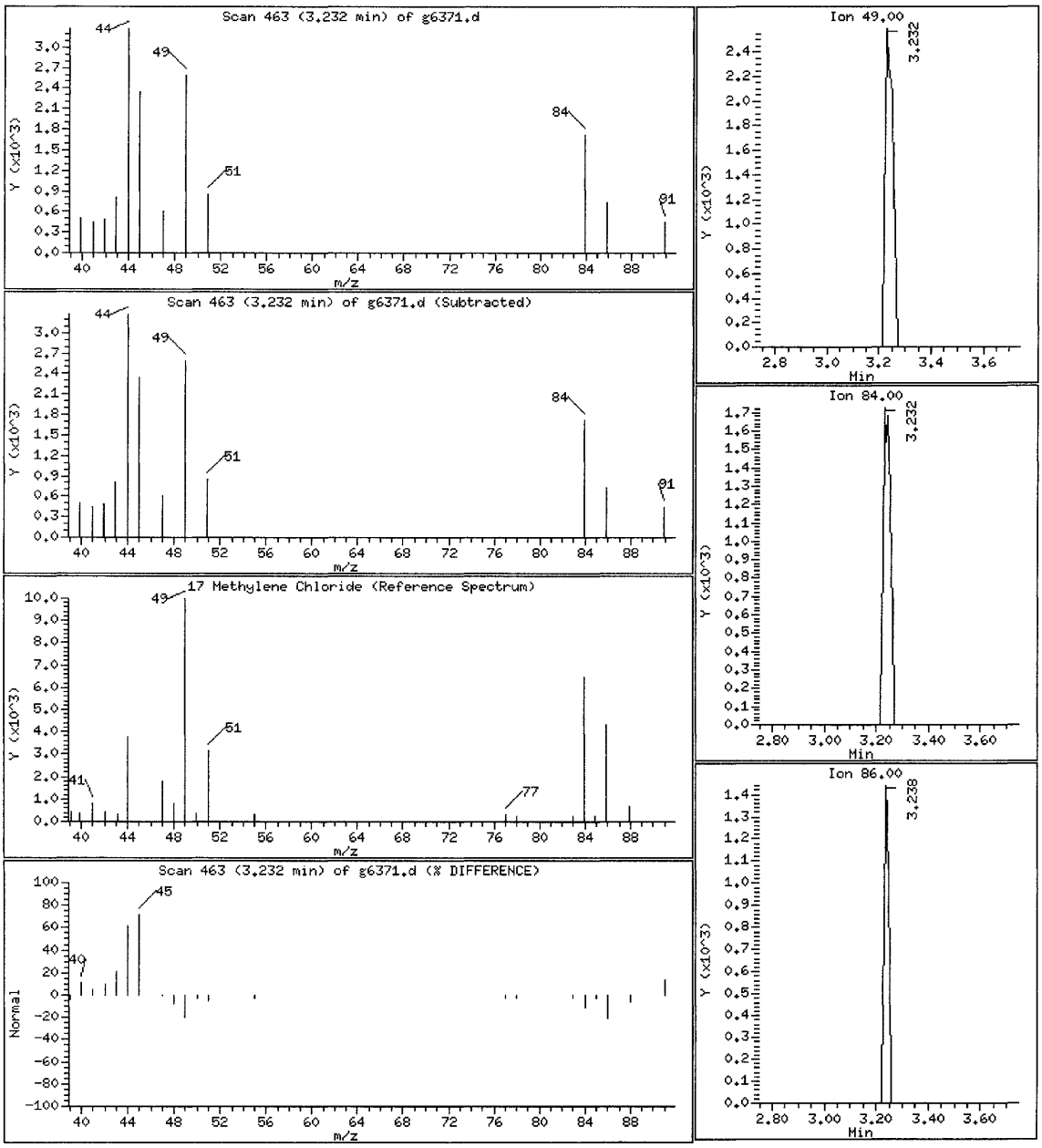
Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53

17 Methylene Chloride

Concentration: 1.35 ug/L



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188162

Data File: /var/chem/msv5.i/20607214.s.b/g6371.d

Date : 22-JUL-2006 08:05

Client ID: FB-503

Instrument: msv5.i

Sample Info: 20607200622*FB-503

Purge Volume: 5.0

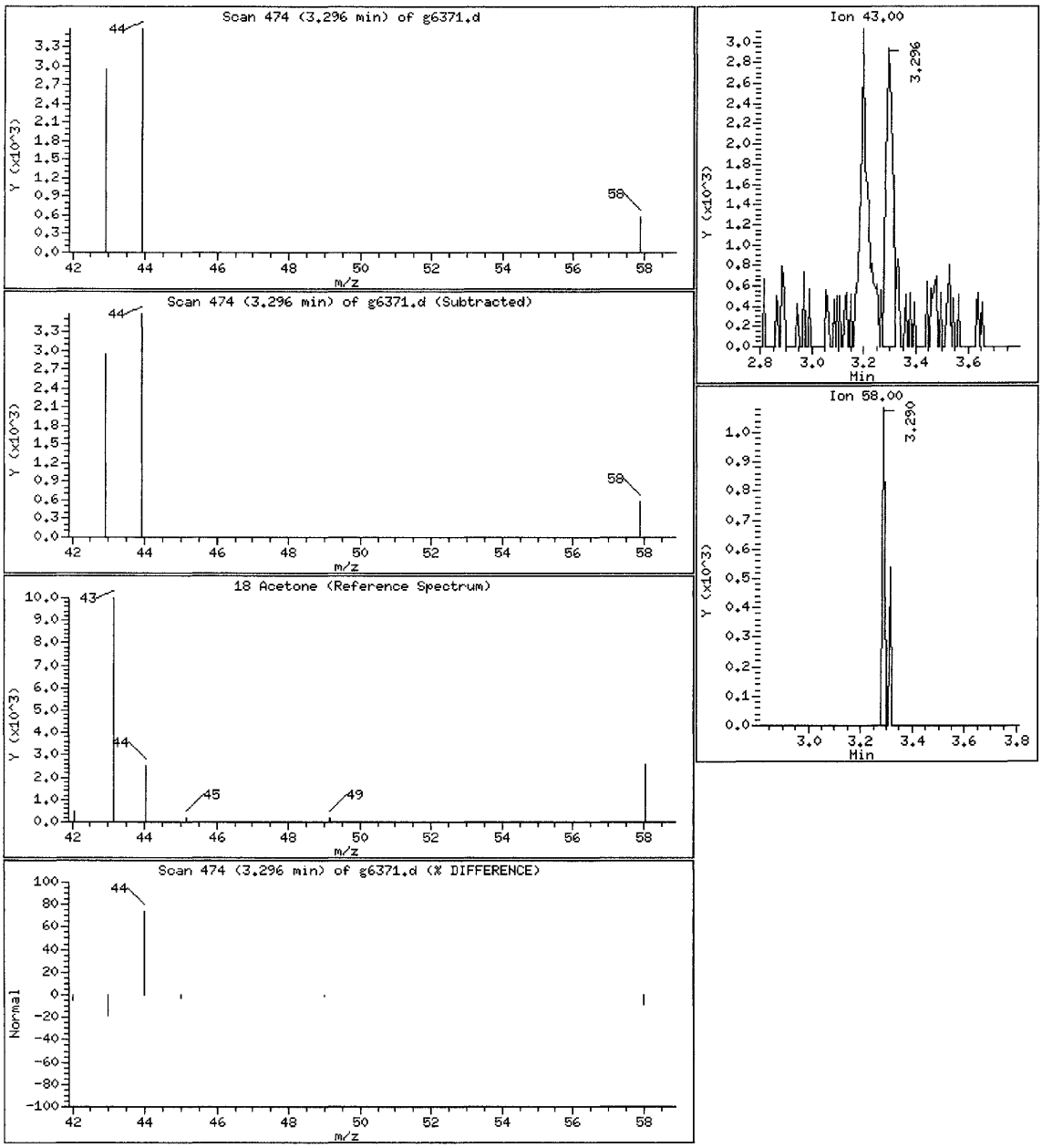
Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53

18 Acetone

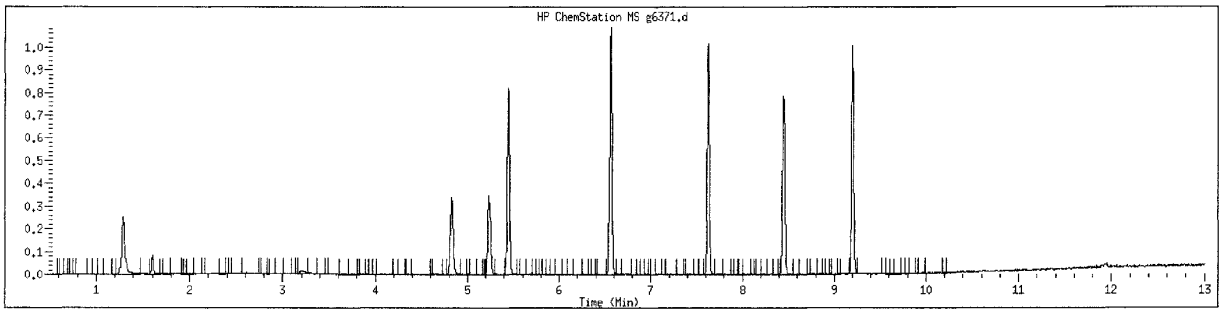
Concentration: 1.96 ug/L



Data file : /var/chem/msv5.i/2060721q.s.b/g6371.d Page: 1
Report Date: 07/22/2006 08:18

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200622 SampleType : SAMPLE
Injection Date: 22-JUL-2006 08:05 Instrument : msv5.i
Operator : KCB
Sample Info : 20607200622*FB-503
Misc Info : MSV~8724~*1*ABD
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Dilution : 1.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: all



NO MANUAL INTEGRATIONS

188164

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
COC1106-TB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 20607200623

Level: (low/med) LOW Lab File ID: 2060721Q/G6372

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0830

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	5.00	U	0.343	5.00
71-55-6	1,1,1-Trichloroethane	5.00	U	0.173	5.00
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.227	5.00
79-00-5	1,1,2-Trichloroethane	5.00	U	0.131	5.00
75-34-3	1,1-Dichloroethane	5.00	U	0.252	5.00
75-35-4	1,1-Dichloroethene	5.00	U	0.229	5.00
563-58-6	1,1-Dichloropropene	5.00	U	0.102	5.00
96-18-4	1,2,3-Trichloropropane	5.00	U	0.462	5.00
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.378	5.00
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.181	5.00
96-12-8	1,2-Dibromo-3-chloropropane	5.00	U	0.190	5.00
106-93-4	1,2-Dibromoethane	5.00	U	0.206	5.00
95-50-1	1,2-Dichlorobenzene	5.00	U	0.240	5.00
107-06-2	1,2-Dichloroethane	5.00	U	0.205	5.00
78-87-5	1,2-Dichloropropane	5.00	U	0.238	5.00
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.185	5.00
541-73-1	1,3-Dichlorobenzene	5.00	U	0.125	5.00
142-28-9	1,3-Dichloropropane	5.00	U	0.218	5.00
106-46-7	1,4-Dichlorobenzene	5.00	U	0.135	5.00
594-20-7	2,2-Dichloropropane	5.00	U	0.196	5.00
78-93-3	2-Butanone	5.00	U	0.429	5.00
110-75-8	2-Chloroethylvinyl ether	5.00	U	0.221	5.00
95-49-8	2-Chlorotoluene	5.00	U	0.166	5.00
591-78-6	2-Hexanone	5.00	U	0.403	5.00
106-43-4	4-Chlorotoluene	5.00	U	0.211	5.00
99-87-6	4-Isopropyltoluene	5.00	U	0.121	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.454	5.00
67-64-1	Acetone	25.0	U	1.42	25.0
107-02-8	Acrolein	25.0	U	1.66	25.0
107-13-1	Acrylonitrile	25.0	U	1.10	25.0
71-43-2	Benzene	5.00	U	0.225	5.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
COC1106-TB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 20607200623

Level: (low/med) LOW Lab File ID: 2060721Q/G6372

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0830

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	5.00	U	0.196	5.00
75-27-4	Bromodichloromethane	5.00	U	0.219	5.00
75-25-2	Bromoform	5.00	U	0.216	5.00
74-83-9	Bromomethane	5.00	U	0.477	5.00
104-51-8	n-Butylbenzene	5.00	U	0.414	5.00
75-15-0	Carbon disulfide	5.00	U	0.098	5.00
56-23-5	Carbon tetrachloride	5.00	U	0.128	5.00
108-90-7	Chlorobenzene	5.00	U	0.213	5.00
75-00-3	Chloroethane	5.00	U	0.596	5.00
67-66-3	Chloroform	5.00	U	0.194	5.00
74-87-3	Chloromethane	5.00	U	0.453	5.00
110-82-7	Cyclohexane	5.00	U	0.187	5.00
124-48-1	Dibromochloromethane	5.00	U	0.081	5.00
74-95-3	Dibromomethane	5.00	U	0.354	5.00
75-71-8	Dichlorodifluoromethane	5.00	U	0.156	5.00
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.211	5.00
10061-02-6	trans-1,3-Dichloropropene	5.00	U	0.236	5.00
100-41-4	Ethylbenzene	5.00	U	0.227	5.00
87-68-3	Hexachlorobutadiene	5.00	U	0.243	5.00
98-82-8	Isopropylbenzene (Cumene)	5.00	U	0.122	5.00
79-20-9	Methyl Acetate	5.00	U	0.477	5.00
74-88-4	Methyl iodide	5.00	U	0.212	5.00
108-87-2	Methylcyclohexane	5.00	U	0.130	5.00
75-09-2	Methylene chloride	1.45	JB	0.445	10.0
91-20-3	Naphthalene	5.00	U	0.304	5.00
100-42-5	Styrene	5.00	U	0.135	5.00
127-18-4	Tetrachloroethene	5.00	U	0.227	5.00
108-88-3	Toluene	5.00	U	0.213	5.00
79-01-6	Trichloroethene	5.00	U	0.270	5.00
75-69-4	Trichlorofluoromethane	5.00	U	0.190	5.00
76-13-1	Trichlorotrifluoroethane	5.00	U	0.360	5.00
108-05-4	Vinyl acetate	5.00	U	0.240	5.00

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

COC1106-TB

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 20607200623

Level: (low/med) LOW Lab File ID: 2060721Q/G6372

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0830

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	5.00	U	0.089	5.00
1330-20-7	Xylene (total)	10.0	U	0.509	10.0
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.163	5.00
136777-61-	m,p-Xylene	5.00	U	0.286	5.00
71-36-3	n-Butyl alcohol	25.0	U	25.0	25.0
103-65-1	n-Propylbenzene	5.00	U	0.175	5.00
95-47-6	o-Xylene	5.00	U	0.223	5.00
135-98-8	sec-Butylbenzene	5.00	U	0.157	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	5.00	U	0.179	5.00
98-06-6	tert-Butylbenzene	5.00	U	0.159	5.00
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.139	5.00
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.492	5.00

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6372.d
Lab Smp Id: 20607200623 Client Smp ID: COC1106-TB
Inj Date : 22-JUL-2006 08:30
Operator : RSS Inst ID: msv5.i
Smp Info : 20607200623*COC1106-TB
Misc Info : MSV~8724~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Meth Date : 22-Jul-2006 05:56 kcb Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

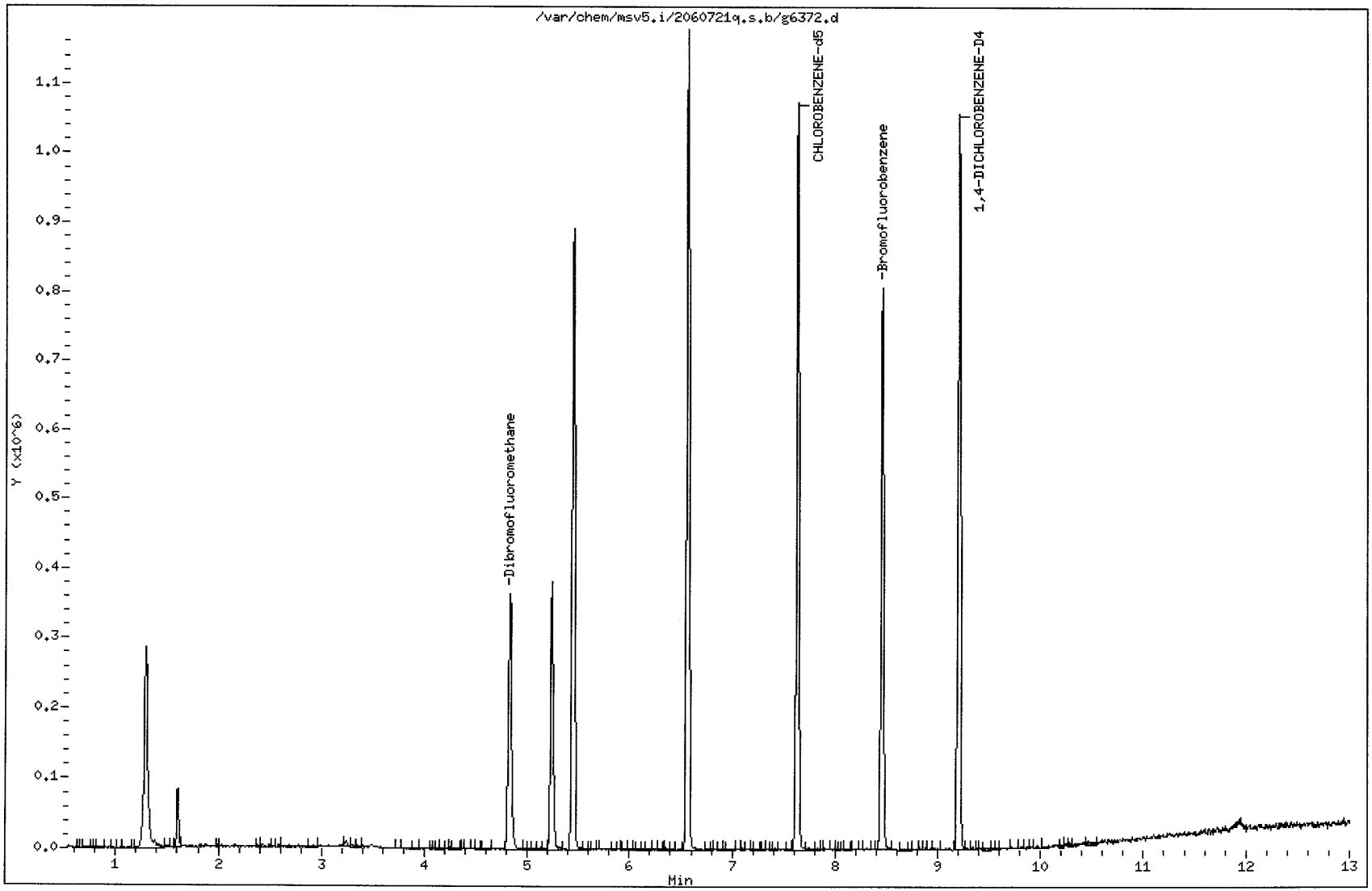
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
17 Methylene Chloride	49	3.242	3.239	(0.595)	5918	1.45378	1.45	
$ 39 Dibromofluoromethane	111	4.827	4.827	(0.886)	242867	58.3519	58.4	1668
$ 48 1,2-Dichloroethane-d4	67	5.236	5.238	(0.961)	131018	55.9935	56.0	
* 52 FLUOROBENZENE	96	5.447	5.443	(1.000)	756656	50.0000		
$ 67 Toluene-d8	98	6.564	6.563	(0.860)	733297	54.2250	54.2	
* 83 CHLOROBENZENE-d5	82	7.628	7.624	(1.000)	332379	50.0000		
$ 94 Bromofluorobenzene	174	8.453	8.452	(1.108)	227169	52.1206	52.1	
* 111 1,4-DICHLOROBENZENE-D4	152	9.202	9.200	(1.000)	267248	50.0000		

000197

Data File: /var/chem/msv5.i/2060721q.s.b/g6372.d
Date : 22-JUL-2006 08:30
Client ID: COC1106-TB
Sample Info: 20607200623*COC1106-TB
Purge Volume: 5.0
Column phase: DB-VRX-30M

Instrument: msv5.i
Operator: RSS
Column diameter: 0.53



Data File: /var/chem/msv5.i/2060721q.s.b/g6372.d

Date : 22-JUL-2006 08:30

Client ID: COC1106-TB

Instrument: msv5.i

Sample Info: 20607200623*COC1106-TB

Purge Volume: 5.0

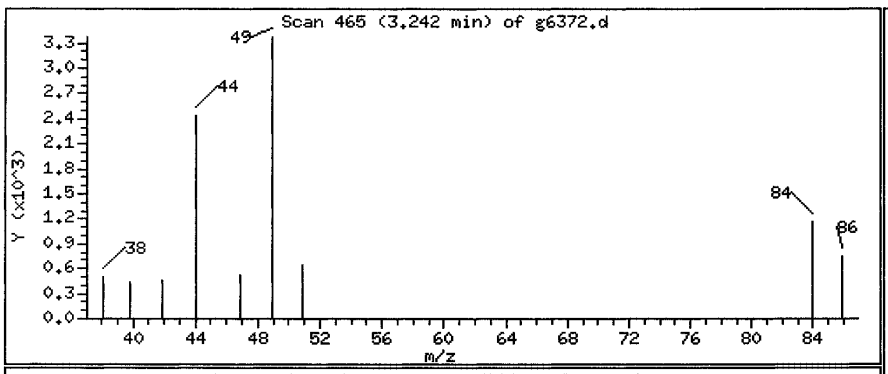
Operator: RSS

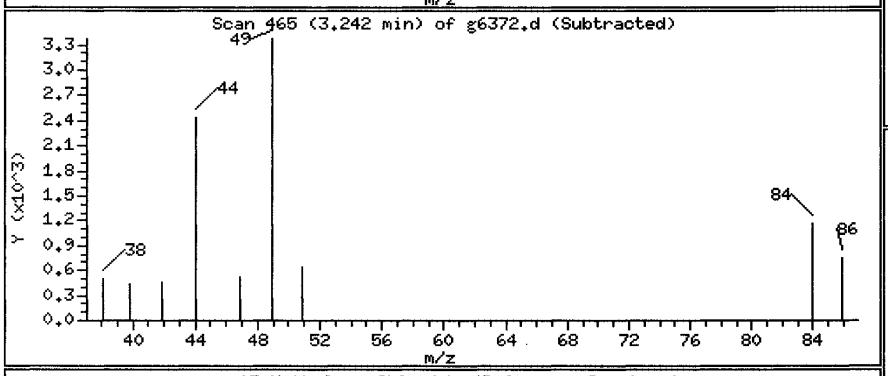
Column phase: DB-VRX-30M

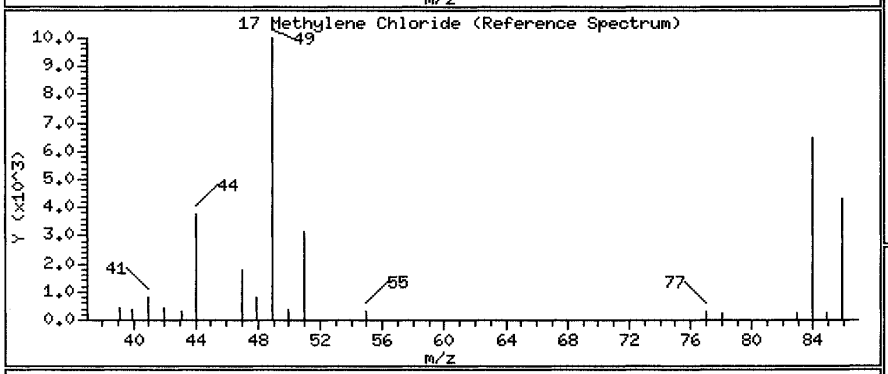
Column diameter: 0.53

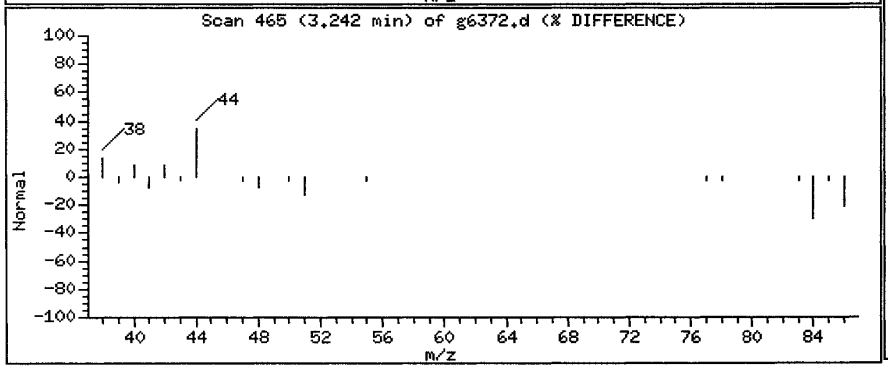
17 Methylene Chloride

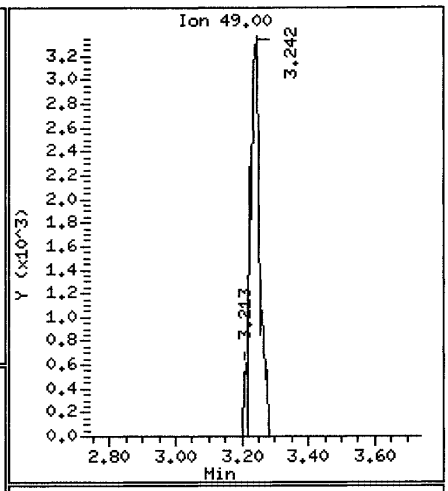
Concentration: 1.45 ug/L

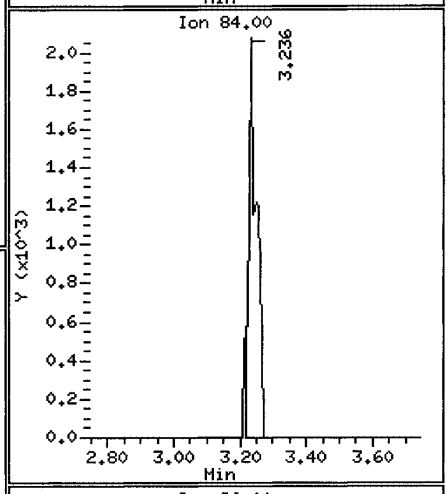


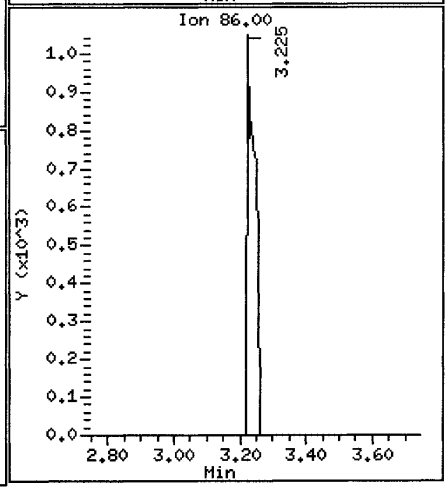










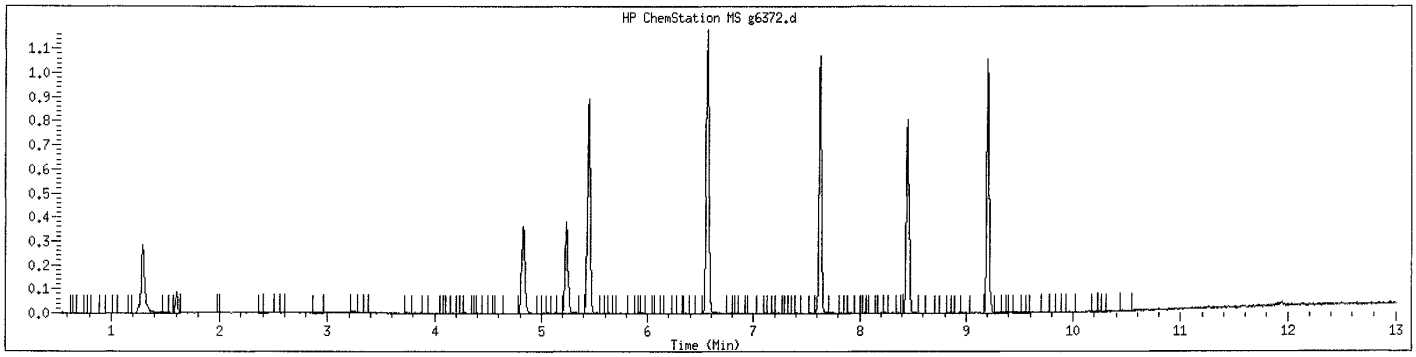


188170

Data file : /var/chem/msv5.i/2060721q.s.b/g6372.d Page: 1
Report Date: 07/22/2006 09:29

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200623	SampleType	: SAMPLE
Injection Date	: 22-JUL-2006 08:30	Instrument	: msv5.i
Operator	: RSS		
Sample Info	: 20607200623*COC1106-TB		
Misc Info	: MSV~8724~*1*ABD		
Method	: /var/chem/msv5.i/2060721q.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: all



NO MANUAL INTEGRATIONS

188171

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Calibration File Names:
Level 1: /var/chem/msv4.i/2060718.s.b/v4297.d
Level 2: /var/chem/msv4.i/2060718.s.b/v4299.d
Level 3: /var/chem/msv4.i/2060718.s.b/v4300.d
Level 4: /var/chem/msv4.i/2060718.s.b/v4301.d
Level 5: /var/chem/msv4.i/2060718.s.b/v4302.d
Level 6: /var/chem/msv4.i/2060718.s.b/v4296.d
Level 9: /var/chem/msv4.i/2060718.s.b/v4298.d

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
1 Dichlorodifluoromethane	0.39582	0.42643	0.42370	0.39617	0.37407	0.44726					
	0.41993						AVRG		0.41191		5.94893
2 Chloromethane ++	0.67469	0.55206	0.48951	0.45800	0.51079	+++++					
	0.59233						AVRG		0.54623		14.39645
3 Vinyl Chloride +	0.35403	0.40131	0.37992	0.36261	0.35437	0.46417					
	0.36637						AVRG		0.38325		10.26338
4 1,3 Butadiene	0.29036	0.26910	0.25240	0.22779	0.21580	+++++					
	0.25379						AVRG		0.25154		10.75950

000200

188172

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
5 Bromomethane	0.16075	0.18767	0.17574	0.21537	0.22647	0.22783						
	0.17973						AVRG		0.19622		13.64867	
6 Allyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
7 Chloroethane	0.18667	0.21917	0.19786	0.19195	0.16348	0.20526						
	0.21907						AVRG		0.19764		9.90729	
8 Trichlorofluoromethane	0.38184	0.38022	0.39980	0.37224	0.34725	0.45328						
	0.40694						AVRG		0.39165		8.51484	
9 Ethyl Ether	75623	315305	746981	1550250	2314315	27062						
	127813						QUAD	0.56309	0.67043	0.72360	0.99061	
10 1,1-Dichloroethene +	0.20120	0.19146	0.19292	0.18422	0.16171	0.23380						
	0.19891						AVRG		0.19489		11.08510	
11 Carbon Disulfide	0.91596	0.95075	0.93876	0.85118	0.72438	1.03591						
	0.97850						AVRG		0.91364		11.02628	

000201

188173

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
12 1,1,2Trichlotrifluoroethane	0.26883	0.28329	0.28697	0.25424	0.22033	0.30260					
	0.28764						AVRG		0.27199		10.09967
13 Methyl Iodide	0.23295	0.29546	0.26779	0.30278	0.26289	0.27814					
	0.25932						AVRG		0.27133		8.66848
14 Acrolein	17875	56325	197208	319303	758237	9177					
	19707						LINR	0.08525	0.07329		0.99594
15 Methylene Chloride	36649	108098	242446	467078	822610	22595					
	62825						QUAD	0.00641	1.37089	0.71152	0.99863
16 2-Chloropropene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00 <-
17 Acetone	20768	46144	115799	203703	453160	+++++					
	13436						LINR	-0.05176	0.21636		0.99755
18 trans-1,2-Dichloroethene	0.38353	0.41774	0.39200	0.38051	0.34839	0.43031					
	0.41936						AVRG		0.39598		7.19737

000202

188174

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	10 Level 9											
19 Methyl Acetate	0.64027	0.44415	0.48248	0.49301	0.47423	+++++						
	0.51826						AVRG		0.50873		13.53061	
20 Hexane	0.66211	0.67325	0.66455	0.61683	0.58604	0.82667						
	0.69985						AVRG		0.67562		11.33582	
21 MTBE	0.93586	1.02440	0.98371	1.00976	0.96177	1.01175						
	1.00789						AVRG		0.99074		3.22638	
22 tert-butyl alcohol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
23 Acetonitrile	14462	53281	134973	266894	414477	+++++						
	21641						QUAD	0.71113	3.92996	22.48636	0.99552	
24 Isopropyl Ether	1.37948	1.55115	1.58497	1.42056	1.43255	1.31914						
	1.54299						AVRG		1.46155		6.80949	
25 Chloroprene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-

000203

188175

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
26 1,1-Dichloroethane ++	0.51662	0.53393	0.53269	0.49857	0.48303	0.58790						
	0.51294						AVRG		0.52367		6.40929	
27 Acrylonitrile	0.25470	0.21790	0.35115	0.24904	0.33417	0.26808						
	0.23081						AVRG		0.27226		18.72507	
28 Ethyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
29 2-Butanol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
30 Vinyl Acetate	0.88707	0.86133	0.99205	0.97873	0.99786	0.95100						
	0.84508						AVRG		0.93045		6.94279	
31 cis-1,2-Dichloroethene	0.41945	0.44093	0.44013	0.41729	0.39954	0.49454						
	0.44285						AVRG		0.43639		6.91711	
32 1-3 Difluorobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-

000204

188176

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	10 Level 9											
33 2,2-Dichloropropane	0.35483	0.38201	0.32990	0.33517	0.32438	0.38572						
	0.37132						AVRG		0.35476		7.18647	
34 Methylacrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
35 Cyclohexane	0.40619	0.46447	0.47072	0.43020	0.42740	0.54137						
	0.47701						AVRG		0.45962		9.68528	
36 Proprionitrile	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
37 Bromochloromethane	0.13094	0.14466	0.15314	0.15111	0.15775	0.14944						
	0.13809						AVRG		0.14644		6.33517	
38 2-Methoxyethanol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
39 Chloroform +	0.48104	0.53626	0.52651	0.50804	0.49926	0.54440						
	0.52967						AVRG		0.51788		4.35713	

000205

188177

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
40 1-4 Difluorobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
M 41 Total-1,2 Dibromoethylene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
42 Carbon Tetrachloride	0.26010	0.26813	0.28868	0.26284	0.26138	0.23772						
	0.26417						AVRG		0.26329		5.66877	
43 Methyl disulfide	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
45 1,1,1 Trichloroethane	0.33670	0.36956	0.36140	0.33593	0.33038	0.40869						
	0.37272						AVRG		0.35934		7.72411	
46 2-Butanone	1.30673	0.71816	0.92148	0.63477	0.86267	+++++						
	0.83341						AVRG		0.87954		26.54830	
47 1,1-Dichloropropene	0.33332	0.33521	0.34772	0.31963	0.31864	0.37026						
	0.32986						AVRG		0.33638		5.32484	

000206

188178

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
48 1-2 Difluorobenzene	+++++ +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
49 Ethyl Methacrylate	+++++ +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	
50 Tetrahydrofuran	+++++ +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
51 Phenyl Isopropanol	+++++ +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
52 Methyl isobutenyl ketone	+++++ +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
53 Benzene	0.90622 0.99167	1.02943	1.01141	0.94604	0.96766	1.06280	AVRG		0.98789		5.34617	
55 1,2-Dichloroethane	0.51283 0.52558	0.54718	0.54969	0.52159	0.53576	0.55405	AVRG		0.53524		2.94149	

000207

188179

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
56 1-Nitropropane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
57 Isobutyl Alcohol	10015	92144	185295	636407	+++++	3815						
	11865						QUAD	0.21013	11.25199	-3.03262	0.99191	<-
59 Methyl cyclohexane	0.35864	0.37893	0.37213	0.34458	0.34893	0.38075						
	0.34825						AVRG		0.36174		4.24496	
60 Trichloroethene	0.23441	0.24501	0.25505	0.23184	0.25420	0.25577						
	0.23330						AVRG		0.24423		4.48415	
M 61 Total Difluorobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
62 Dibromomethane	0.24443	0.25568	0.27067	0.25342	0.26743	0.26318						
	0.24974						AVRG		0.25779		3.72956	
63 2,3-Dichloro-1-propene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-

000208

188180

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
64 1,2-Dichloropropane +	0.31072	0.34752	0.33199	0.32193	0.32810	0.34834					
	0.32946						AVRG		0.33115		4.04891
M 65 Total 1,2-Dichloroethene	0.40149	0.42933	0.41607	0.39890	0.37397	0.46243					
	0.43111						AVRG		0.41618		6.81773
66 2-Nitropropane	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00 <-
67 Bromodichloromethane	0.39417	0.44481	0.44978	0.43331	0.42841	0.38358					
	0.43628						AVRG		0.42433		5.99038
68 N-Butyl Alcohol	21409	44120	102157	464883	+++++	4806					
	16856						QUAD	-0.35256	24.48006	-14.03497	0.99662
69 Methyl Methacrylate	0.41085	0.38896	0.40368	0.47594	0.42481	0.29940					
	0.34034						AVRG		0.39200		14.67942
70 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00 <-

000209

188181

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
71 1-Bromo-2-chloroethane	0.04831	0.04674	0.05156	0.05023	0.05542	0.05255						
	0.04772						AVRG		0.05036		6.07203	<-
72 2-Chloroethyl vinyl ether	6510	30998	102853	227368	603945	+++++						
	16135						QUAD	0.06043	4.44731	-0.91622	0.99982	
73 cis-1,2 Dibromoethylene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
74 cis-1,3-Dichloropropene	0.44288	0.50326	0.53967	0.51761	0.53112	0.44378						
	0.48518						AVRG		0.49479		7.96363	
M 75 1-3 Dichloropropene-Total	0.45097	0.49942	0.54750	0.52398	0.53668	0.45020						
	0.49290						AVRG		0.50023		7.78982	
77 Toluene +	2.08027	2.23890	2.36331	2.25125	2.12648	2.57390						
	2.34816						AVRG		2.28318		7.23822	
78 Cumene Hydroperoxide	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-

000210

188182

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
79 trans-1,2 Dibromoethylene	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
80 Tetrachloroethene	0.37569 / 0.43573	0.40051	0.41694	0.40351	0.39037	0.27925	AVRG		0.38600		13.15361	
81 4-methyl-2-pentanone	2.51396 / 2.33715	2.16336	3.21976	2.48364	2.91535	2.40761	AVRG		2.57726		14.14702	
82 trans-1,3-Dichloropropene	1.10923 / 1.21384	1.14059	1.29492	1.23156	1.19691	1.11568	AVRG		1.18611		5.73216	
83 1,1,2-Trichloroethane	0.65131 / 0.70020	0.67750	0.78290	0.69168	0.71990	0.73852	AVRG		0.70886		6.08129	
84 1-5 Cyclooctadiene	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
85 Dibromochloromethane	0.62336 / 0.75299	0.73009	0.84189	0.79364	0.81674	0.72395	AVRG		0.75466		9.64266	

000211

188183

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1 / 10 Level 9	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
86 1,3-Dichloropropane	1.11241	1.20567	1.35734	1.22018	1.24641	1.21966					
	1.22131						AVRG		1.22614		5.86975
87 1,2-Dibromoethane(EDB)	0.80332	0.75066	0.89547	0.81575	0.86245	0.77679					
	0.80209						AVRG		0.81522		6.05745
88 2-Hexanone	42481	128352	546193	808269	2383500	17504					
	74030						QUAD	0.00474	0.48358	-0.00876	0.99103
89 1-Chlorohexane	0.58739	0.72077	0.83640	0.66014	0.73664	0.86546					
	0.86339						AVRG		0.75288		14.25854
91 Chlorobenzene ++	1.50208	1.59417	1.60676	1.55333	1.52218	1.74403					
	1.57059						AVRG		1.58473		5.01395
92 Ethylbenzene +	2.57385	2.80441	2.74703	2.56349	2.48879	2.91207					
	2.81652						AVRG		2.70088		5.87008
93 1,1,1,2-Tetrachloroethane	0.55128	0.56872	0.58955	0.55501	0.54675	0.47336					
	0.56322						AVRG		0.54970		6.64246

000212

188184

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	10 Level 9											
94 Cyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
95 p,m-Xylene	0.84008	0.94183	0.98671	0.93844	0.92946	0.89145						
	0.94174						AVRG		0.92424		5.01785	
96 o-Xylene	0.81486	0.90986	0.99052	0.97152	0.96032	0.78966						
	0.92636						AVRG		0.90901		8.59137	
97 t-1-4 Dichloro-2-butene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
M 98 Total Diethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
99 Styrene	1.29814	1.59807	1.76478	1.74836	1.73804	1.31853						
	1.56138						AVRG		1.57533		12.58397	
100 Bromoform ++	0.53810	0.54534	0.73008	0.66611	0.70931	0.52911						
	0.54558						AVRG		0.60909		14.60308	

000213

188185

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	10 Level 9											
101 Isopropylbenzene	1.89499	2.11481	2.30930	2.22871	2.13931	2.09058						
	2.07196						AVRG		2.12138		6.14147	
102 alpha-methylstyrene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
104 Bromobenzene	1.63164	1.79641	1.64435	1.55264	1.56296	1.87119						
	1.74692						AVRG		1.68659		7.17271	
105 n-Propylbenzene	3.42411	3.96715	3.69732	3.43885	3.42311	4.04620						
	3.95657						AVRG		3.70761		7.60988	
106 1,1,2,2-Tetrachloroethane++	1.57369	1.48809	1.68647	1.46538	1.53825	1.57241						
	1.58569						AVRG		1.55857		4.65481	
107 2-Chlorotoluene	2.48685	2.69973	2.64398	2.44716	2.40810	3.14482						
	2.66547						AVRG		2.64230		9.44201	
108 1,3,5-Trimethylbenzene	2.31364	2.67034	2.54030	2.35460	2.40316	2.55512						
	2.68795						AVRG		2.50359		5.97273	

000214

188186

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	10 Level 9											
109 1,2,3-Trichloropropane	1.65403	1.71935	2.04309	1.67279	1.93096	1.95981						
	1.81306						AVRG		1.82758		8.37651	
110 trans-1,4-Dichloro-2-Butene	0.36312	0.37088	0.42427	0.40414	0.45745	0.33617						
	0.37469						AVRG		0.39010		10.54016	
111 4-Chlorotoluene	2.21168	2.40973	+++++	2.19310	2.20248	2.46967						
	2.51947						AVRG		2.33436		6.37275	
112 tert-butylbenzene	1.28928	1.52880	1.42946	1.33639	1.37867	1.46528						
	1.53234						AVRG		1.42289		6.56306	
113 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
114 1,2,4-Trimethylbenzene	2.28485	2.63234	2.56679	2.40325	2.43787	2.61102						
	2.57297						AVRG		2.50130		5.13866	
115 1-2 Diethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-

000215

188187

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	10 Level 9											
116 sec-Butylbenzene	3.00674	3.41391	3.27349	3.02162	3.05503	3.29421						
	3.41383						AVRG		3.21126		5.61477	
117 p-Isopropyltoluene	2.14506	2.63143	2.58153	2.38710	2.44282	2.44350						
	2.51990						AVRG		2.45019		6.49899	
118 1-3 Diethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
119 1-4 Diethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
120 1,3-Dichlorobenzene	1.28715	1.37252	1.36865	1.26975	1.33087	1.47444						
	1.42479						AVRG		1.36117		5.34978	
122 1,4-Dichlorobenzene	1.39565	1.51168	1.52868	1.40001	1.45095	1.76929						
	1.58278						AVRG		1.51986		8.53054	
123 n-Butylbenzene	2.08335	2.55796	2.60100	2.39475	2.43543	2.28607						
	2.41931						AVRG		2.39684		7.23023	

000216

188188

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	10 Level 9										
M 124 TOTAL XYLENE	0.83167	0.93117	0.98798	0.94947	0.93975	0.85752					
	0.93661						AVRG		0.91917		5.95573
125 1,2-Dichlorobenzene	1.23503	1.39596	1.45293	1.33797	1.40748	1.37273					
	1.37857						AVRG		1.36867		5.01493
126 1,2-Dibromo-3-Chloropropane	4162	15244	75152	113961	349196	1531					
	8150						QUAD	0.01277	2.96390	-0.40250	0.99003
127 Hexachlorobutadiene	0.40414	0.45898	0.46357	0.42359	0.44449	0.43227					
	0.48675						AVRG		0.44483		6.20657
128 1,2,4-Trichlorobenzene	8181	44806	150258	298445	704985	3294					
	21145						LINR	0.03090	0.90088		0.99958
129 Naphthalene	18005	96738	474222	854635	2301754	+++++					
	46118						QUAD	0.06289	0.39550	-0.00502	0.99641
130 1,2,3-Trichlorobenzene	0.63259	0.78815	0.98173	0.86329	0.92434	+++++					
	0.81810						AVRG		0.83470		14.55127

000217

188189

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	10 Level 9											
131 Benzal chloride	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++						AVRG		0.000e+00		0.000e+00	<-
$ 44 Dibromofluoromethane	0.32210	0.35571	0.35798	0.34647	0.33586	+++++						
	0.34565						AVRG		0.34396		3.87287	
$ 54 1,2-Dichloroethane-d4	0.22986	0.23782	0.23260	0.23339	0.23949	+++++						
	0.22712						AVRG		0.23338		2.00324	
$ 76 Toluene-d8	1.84753	1.98224	2.04718	1.94513	1.85880	+++++						
	1.99001						AVRG		1.94515		4.03377	
$ 103 Bromofluorobenzene	0.60416	0.62944	0.72490	0.69628	0.70540	+++++						
	0.63188						AVRG		0.66534		7.44271	

000218

188190

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 17-JUL-2006 22:30
End Cal Date : 18-JUL-2006 11:26
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv4.i/2060723p.s.b/8260Bs4.m
Cal Date : 26-Jul-2006 12:28 jck

Average %RSD Results.
Calculated Average %RSD = 8.03930
Maximun Average %RSD = 15.00000
* Passed Average %RSD Test.

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

000219

188191

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4271.d
Lab Smp Id: 1000 Client Smp ID: V4BFB01
Inj Date : 17-JUL-2006 16:06
Operator : AJV Inst ID: msv4.i
Smp Info : 1000*V4BFB01
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/bfb1.m
Meth Date : 08-Jul-2006 10:02 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
10.156	10.200	(0.000)	95	21357			100.00- 100.00	100.00
10.156	10.200	(0.000)	50	6269			15.00- 40.00	29.35
10.156	10.200	(0.000)	75	11762			30.00- 60.00	55.07
10.156	10.200	(0.000)	96	1240			5.00- 9.00	5.81
10.156	10.200	(0.000)	173	0			0.00- 2.00	0.00
10.156	10.200	(0.000)	174	17204			50.00- 120.00	80.55
10.156	10.200	(0.000)	175	867			5.00- 9.00	5.04
10.156	10.200	(0.000)	176	16609			95.00- 101.00	96.54
10.156	10.200	(0.000)	177	1206			5.00- 9.00	7.26

Data File: /var/chem/msv4.i/2060717p.s.b/v4271.d

Date : 17-JUL-2006 16:06

Client ID: V4BFB01

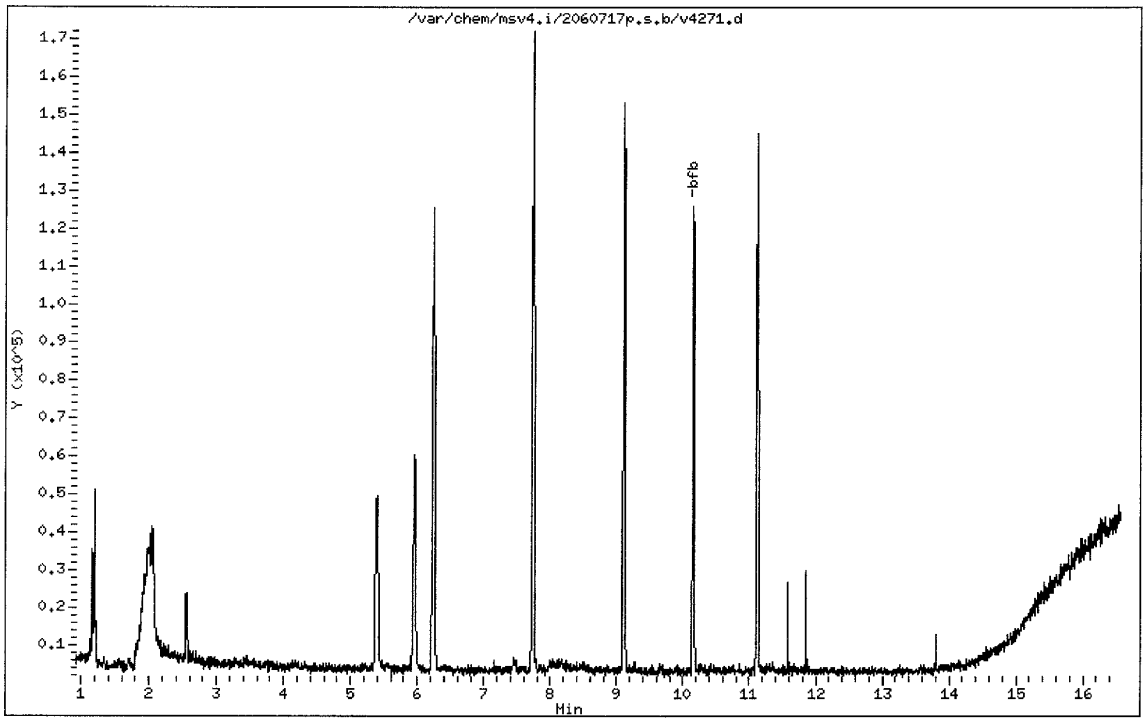
Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: AJV

Column phase: DB-624-30M

Column diameter: 0.53



Data File: /var/chem/msv4.i/2060717p.s.b/v4271.d

Date : 17-JUL-2006 16:06

Client ID: V4BFB01

Instrument: msv4.i

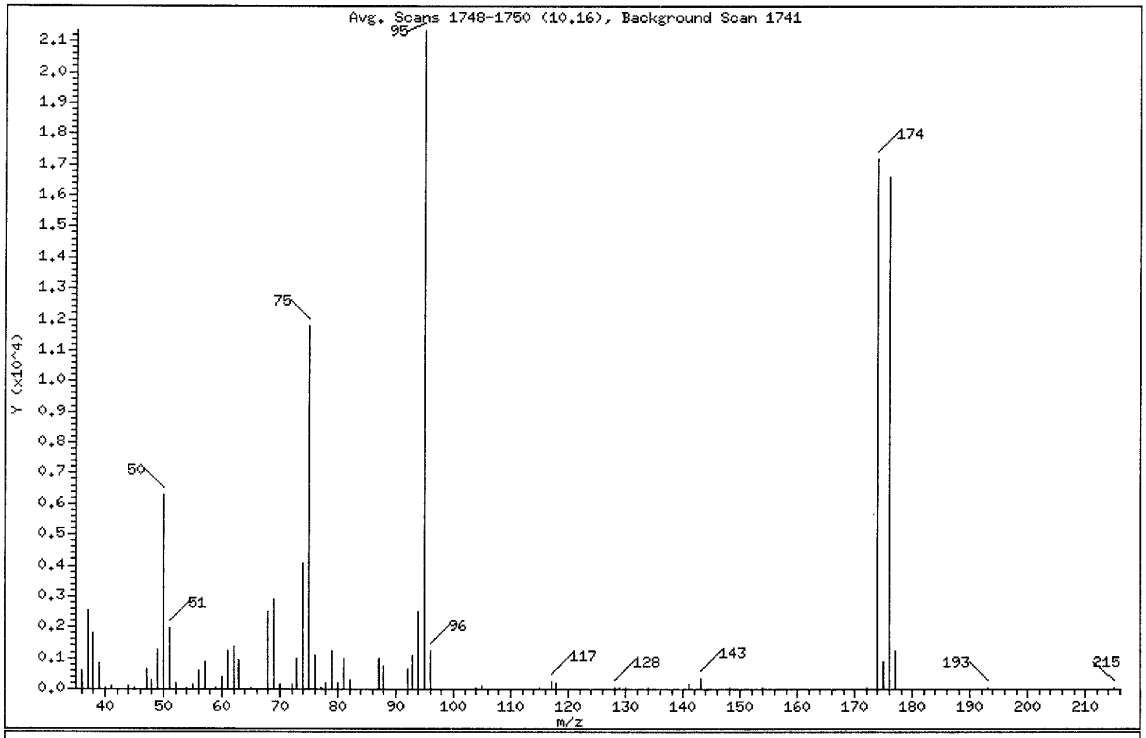
Sample Info: 1000*V4BFB01

Operator: AJV

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	29.35
75	30.00 - 60.00% of mass 95	55.07
96	5.00 - 9.00% of mass 95	5.81
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	80.55
175	5.00 - 9.00% of mass 174	4.06 (5.04)
176	95.00 - 101.00% of mass 174	77.77 (96.54)
177	5.00 - 9.00% of mass 176	5.65 (7.26)

188194

Data File: /var/chem/msv4.i/2060717p.s.b/v4271.d

Date : 17-JUL-2006 16:06

Client ID: V4BFB01 Instrument: msv4.i

Sample Info: 1000xV4BFB01

Operator: AJV

Column phase: DB-624-30M Column diameter: 0.53

Data File: v4271.d
Spectrum: Avg. Scans 1748-1750 (10.16), Background Scan 1741
Location of Maximum: 95.00
Number of points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	588	57.00	891	79.00	1210	129.00	51
37.00	2573	59.00	55	80.00	203	130.00	52
38.00	1818	60.00	374	81.00	973	134.00	50
39.00	841	61.00	1234	82.00	311	141.00	138
40.00	36	62.00	1370	87.00	995	143.00	351
41.00	97	63.00	938	88.00	713	148.00	56
44.00	106	65.00	73	92.00	662	154.00	60
45.00	63	68.00	2492	93.00	1104	172.00	54
47.00	626	69.00	2918	94.00	2522	174.00	17200
48.00	297	70.00	162	95.00	21352	175.00	867
49.00	1297	72.00	148	96.00	1240	176.00	16608
50.00	6269	73.00	996	104.00	70	177.00	1206
51.00	1981	74.00	4073	105.00	78	193.00	70
52.00	177	75.00	11762	115.00	51	215.00	66
54.00	65	76.00	1062	117.00	235		
55.00	151	77.00	51	118.00	196		
56.00	576	78.00	197	128.00	67		

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4285.d
Lab Smp Id: 1206 Client Smp ID: V4STD002APP9
Inj Date : 17-JUL-2006 22:30
Operator : AJV Inst ID: msv4.i
Smp Info : 1206*V4STD002APP9
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Meth Date : 20-Jul-2006 06:35 rjo Quant Type: ISTD
Cal Date : 17-JUL-2006 22:30 Cal File: v4285.d
Als bottle: 14 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.858	1.920	(0.292)	52793	2.00000		4601(a)
8 Ethyl Ether	59	2.697	2.691	(0.423)	27062	10.0000	10.0	7989
14 Acetonitrile	41	2.692	2.691	(0.422)	6024	2.00000		5522(a)
24 Isopropyl Ether	45	4.317	4.332	(0.678)	23008	2.00000	2.00	7489(a)
44 Isobutyl Alcohol	43	5.980	6.285	(0.939)	3815	10.0000		5745(a)
* 47 FLUOROBENZENE	96	6.371	6.375	(1.000)	436041	50.0000		9388
50 N-Butyl Alcohol	56	6.930	7.135	(1.088)	4806	10.0000	10.0	5651(M)
53 Methyl Methacrylate	69	7.241	7.235	(1.137)	5222	2.00000	2.00	7953(a)
* 77 Chlorobenzene-d5	82	9.142	9.141	(1.000)	193238	50.0000		8968
* 105 1,4-DICHLOROBENZENE-D4	152	11.132	11.136	(1.000)	136393	50.0000		8715

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

000226

Data File: /var/chem/msv4.i/2060717p.s.b/v4285.d

Page 1

Date : 17-JUL-2006 22:30

Client ID: V4STD002APP9

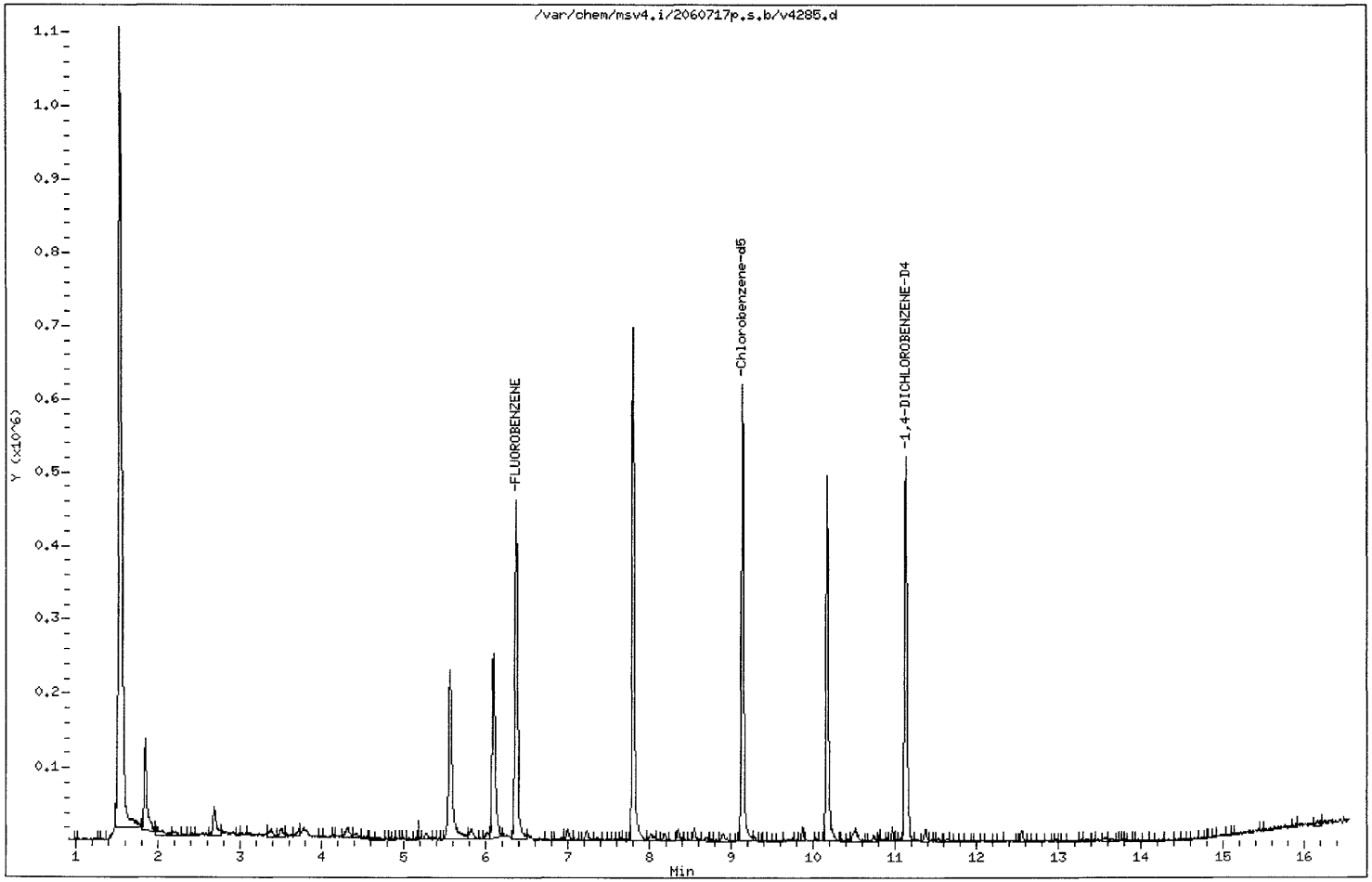
Instrument: msv4.i

Sample Info: 1206*V4STD002APP9

Operator: AJV

Column phase: DB-624-30M

Column diameter: 0.53

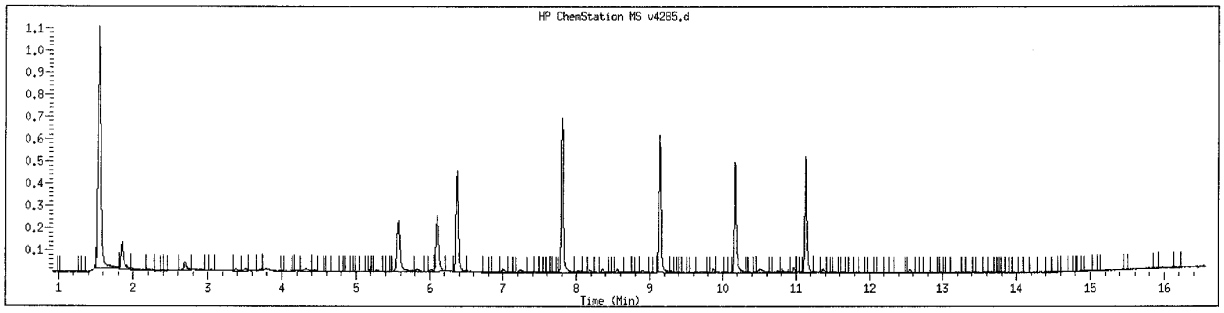


188198

Data file : /var/chem/msv4.i/2060717p.s.b/v4285.d Page: 1
Report Date: 07/20/2006 07:00

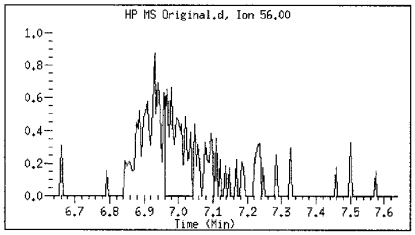
MANUAL INTEGRATION GRAPHIC REPORT

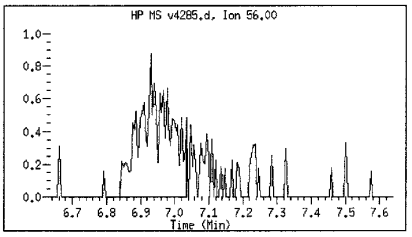
Lab ID : 1206 SampleType : CALIB_6
Injection Date: 17-JUL-2006 22:30 Instrument : msv4.i
Operator : AJV
Sample Info : 1206*V4STD002APP9
Misc Info : MSV~8710~*1*ABD
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: PBWA9



Original Final

50 N-Butyl Alcohol CAS#: 71-36-3





188199

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4286.d
Lab Smp Id: 1201 Client Smp ID: V4STD005APP9
Inj Date : 17-JUL-2006 22:54
Operator : AJV Inst ID: msv4.i
Smp Info : 1201*V4STD005APP9
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Meth Date : 20-Jul-2006 06:35 rjo Quant Type: ISTD
Cal Date : 17-JUL-2006 22:54 Cal File: v4286.d
Als bottle: 15 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.912	1.920	(0.300)	12165	5.00000	5.00	5088
8 Ethyl Ether	59	2.698	2.691	(0.423)	75623	25.0000	25.0	8719
14 Acetonitrile	41	2.693	2.691	(0.423)	14462	25.0000	25.0	6105
24 Isopropyl Ether	45	4.324	4.332	(0.679)	57795	5.00000	5.11	8640
44 Isobutyl Alcohol	43	6.298	6.285	(0.988)	10015	25.0000		7395(a)
* 47 FLUOROBENZENE	96	6.372	6.375	(1.000)	418962	50.0000		9413
50 N-Butyl Alcohol	56	6.995	7.135	(1.098)	21409	25.0000	25.0	7126(M)
53 Methyl Methacrylate	69	7.238	7.235	(1.136)	17213	5.00000	5.78	8261
62 Ethyl Methacrylate	41	5.834	5.831	(0.638)	30787	5.00000		5097(a)
* 77 Chlorobenzene-d5	82	9.138	9.141	(1.000)	187619	50.0000		8851
* 105 1,4-DICHLOROBENZENE-D4	152	11.133	11.136	(1.000)	137799	50.0000		8808

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /var/chem/msv4.i/2060717p.s.b/v4286.d

Page 1

Date : 17-JUL-2006 22:54

Client ID: V4STD005APP9

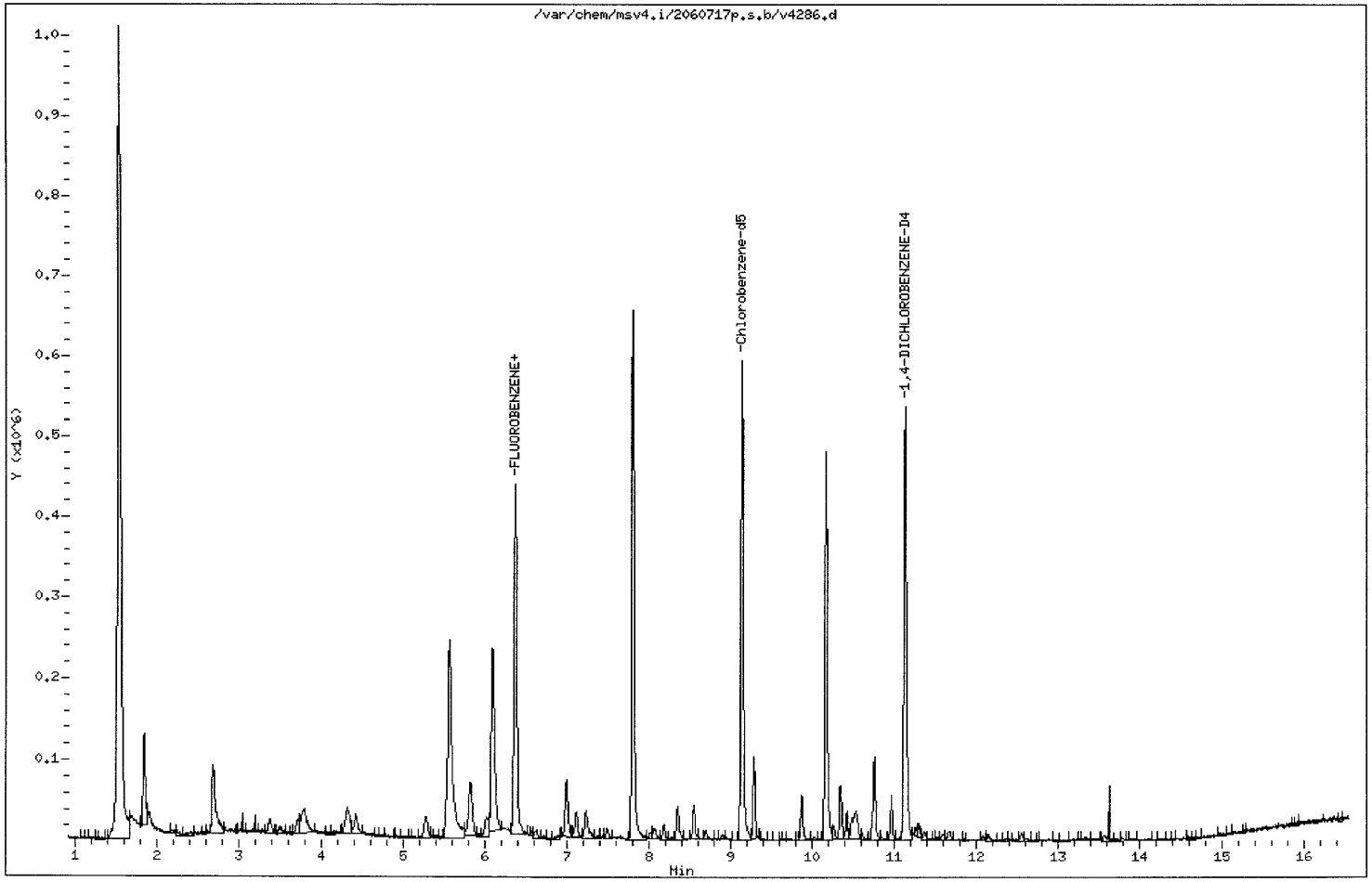
Instrument: msv4.i

Sample Info: 1201*V4STD005APP9

Operator: AJV

Column phase: DB-624-30M

Column diameter: 0.53

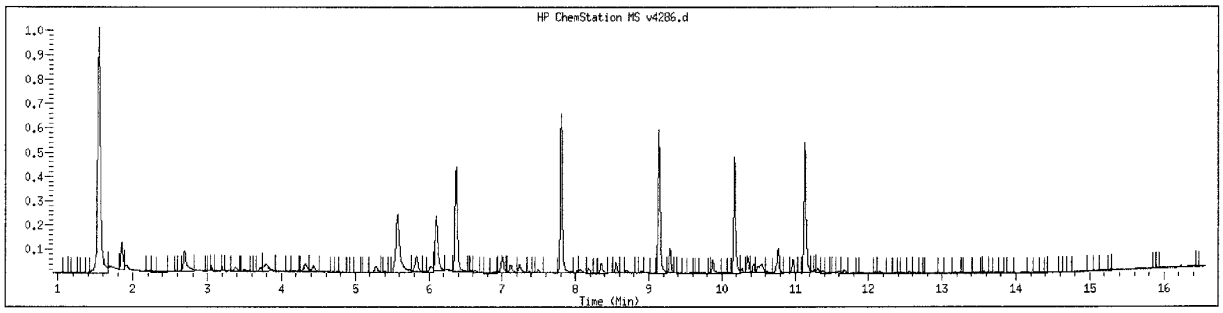


188202

Data file : /var/chem/msv4.i/2060717p.s.b/v4286.d Page: 1
Report Date: 07/20/2006 07:00

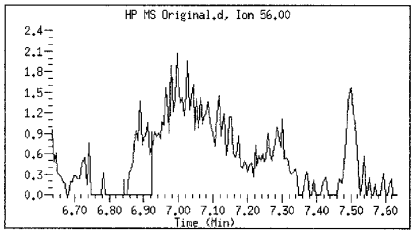
MANUAL INTEGRATION GRAPHIC REPORT

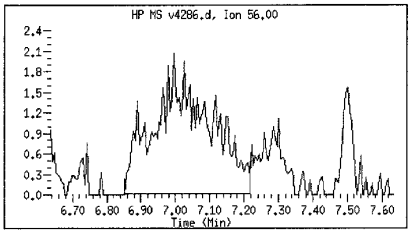
Lab ID	: 1201	SampleType	: CALIB_1
Injection Date	: 17-JUL-2006 22:54	Instrument	: msv4.i
Operator	: AJV		
Sample Info	: 1201*V4STD005APP9		
Misc Info	: MSV~8710~*1*ABD		
Method	: /var/chem/msv4.i/2060717p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist:	PBWA9



Original Final

50 N-Butyl Alcohol CAS#: 71-36-3





188203

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4287.d
Lab Smp Id: 1209 Client Smp ID: V4STD010APP9
Inj Date : 17-JUL-2006 23:18
Operator : AJV Inst ID: msv4.i
Smp Info : 1209*V4STD010APP9
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Meth Date : 20-Jul-2006 06:35 rjo Quant Type: ISTD
Cal Date : 17-JUL-2006 23:18 Cal File: v4287.d
Als bottle: 16 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.917	1.920	(0.301)	15991	10.0000	9.33	7257
8 Ethyl Ether	59	2.698	2.691	(0.423)	127813	50.0000	50.0	8891
14 Acetonitrile	41	2.698	2.691	(0.423)	21641	50.0000	50.0	6240
24 Isopropyl Ether	45	4.318	4.332	(0.678)	97220	10.0000	10.9	8820
44 Isobutyl Alcohol	43	6.308	6.285	(0.990)	11865	50.0000		7373(a)
* 47 FLUOROBENZENE	96	6.372	6.375	(1.000)	315038	50.0000		9301
50 N-Butyl Alcohol	56	7.000	7.135	(1.099)	16856	50.0000	50.0	6945(M)
53 Methyl Methacrylate	69	7.237	7.235	(1.136)	21444	10.0000	9.72	8404
* 77 Chlorobenzene-d5	82	9.143	9.141	(1.000)	133964	50.0000		8906
* 105 1,4-DICHLOROBENZENE-D4	152	11.138	11.136	(1.000)	88595	50.0000		8748

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /var/chem/msv4.i/2060717p.s.b/v4287.d

Page 1

Date : 17-JUL-2006 23:18

Client ID: V4STD010APP9

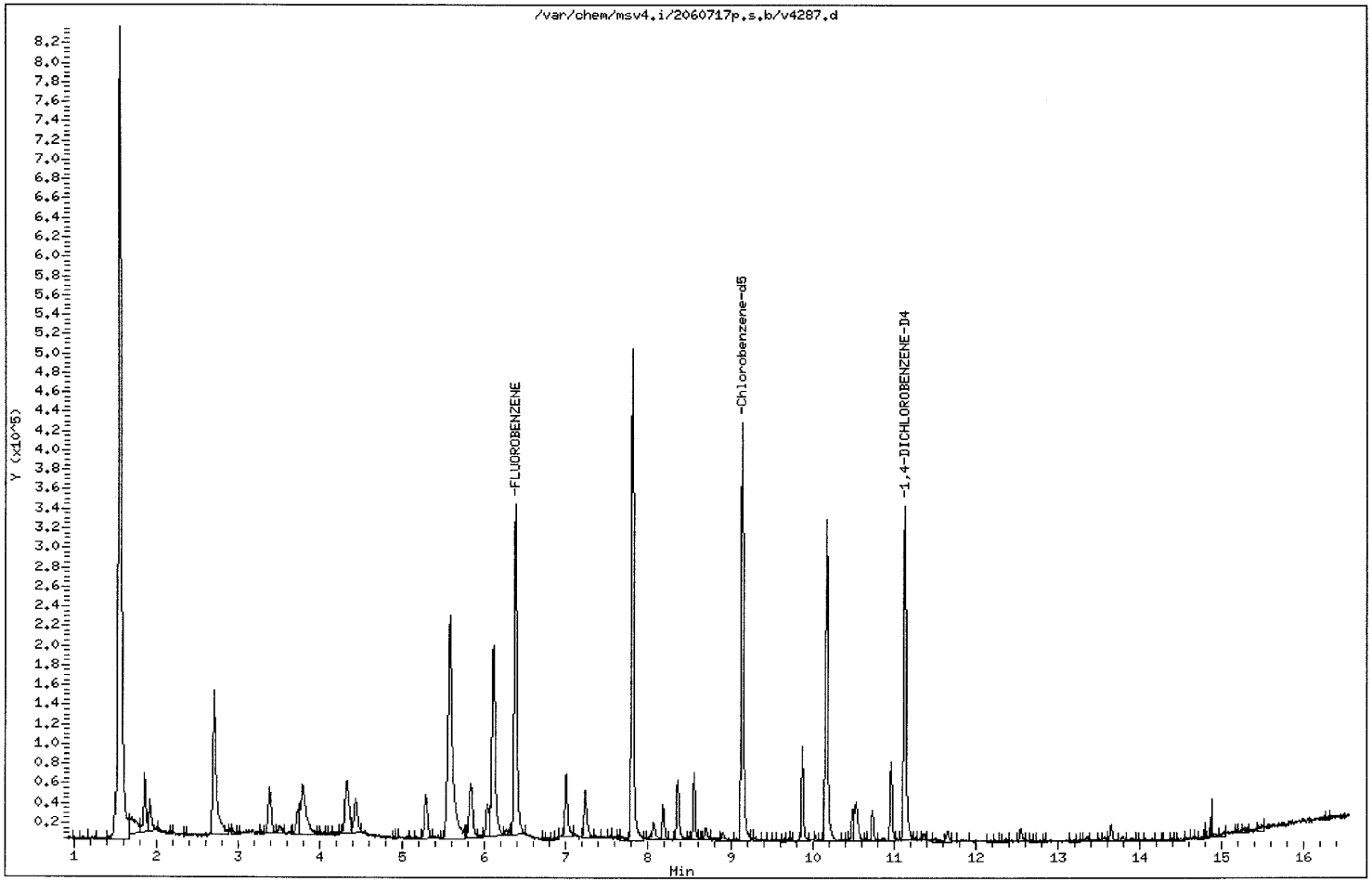
Instrument: msv4.i

Sample Info: 1209*V4STD010APP9

Operator: AJV

Column phase: DB-624-30M

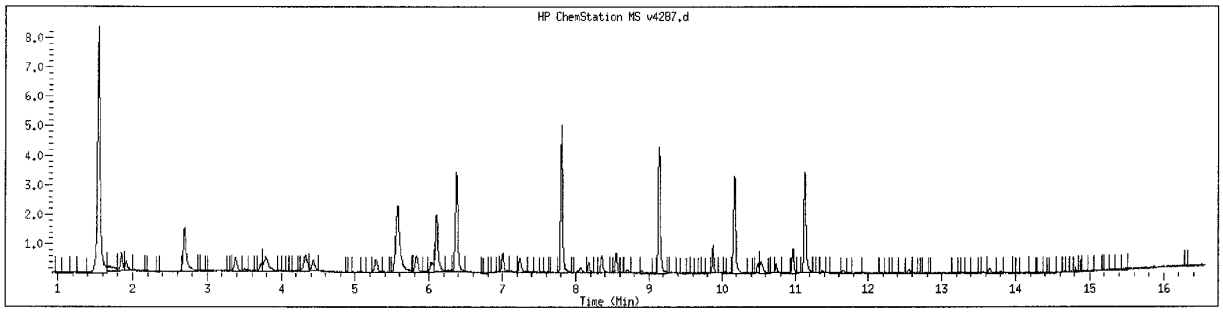
Column diameter: 0.53



Data file : /var/chem/msv4.i/2060717p.s.b/v4287.d Page: 1
Report Date: 07/20/2006 07:00

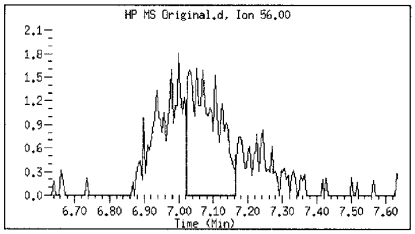
MANUAL INTEGRATION GRAPHIC REPORT

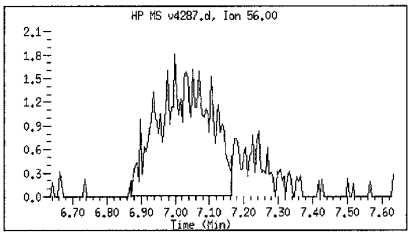
Lab ID	: 1209	SampleType	: CALIB_9
Injection Date	: 17-JUL-2006 23:18	Instrument	: msv4.i
Operator	: AJV		
Sample Info	: 1209*V4STD010APP9		
Misc Info	: MSV~8710~*1*ABD		
Method	: /var/chem/msv4.i/2060717p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: PBWA9



Original Final

50 N-Butyl Alcohol CAS#: 71-36-3





188207

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4288.d
Lab Smp Id: 1202 Client Smp ID: V4STD020APP9
Inj Date : 17-JUL-2006 23:42
Operator : AJV Inst ID: msv4.i
Smp Info : 1202*V4STD020APP9
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Meth Date : 20-Jul-2006 06:35 rjo Quant Type: ISTD
Cal Date : 17-JUL-2006 23:42 Cal File: v4288.d
Als bottle: 17 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.916	1.920	(0.301)	44265	20.0000	19.9	7911
8 Ethyl Ether	59	2.692	2.691	(0.423)	315305	100.000	99.9	9016
14 Acetonitrile	41	2.692	2.691	(0.423)	53281	100.000	100	6368
24 Isopropyl Ether	45	4.323	4.332	(0.679)	255151	20.0000	21.4	9189
44 Isobutyl Alcohol	43	6.281	6.285	(0.986)	92144	100.000		7815(a)
* 47 FLUOROBENZENE	96	6.371	6.375	(1.000)	411229	50.0000		9288
50 N-Butyl Alcohol	56	6.915	7.135	(1.085)	44120	100.000	100	7807
53 Methyl Methacrylate	69	7.231	7.235	(1.135)	63980	20.0000	21.6	8401
62 Ethyl Methacrylate	41	5.827	5.831	(0.637)	63446	20.0000		4791(a)
* 77 Chlorobenzene-d5	82	9.142	9.141	(1.000)	185082	50.0000		8956
* 105 1,4-DICHLOROBENZENE-D4	152	11.132	11.136	(1.000)	133241	50.0000		8695

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

000238

Data File: /var/chem/msv4.i/2060717p.s.b/v4288.d

Page 1

Date : 17-JUL-2006 23:42

Client ID: V4STD020APP9

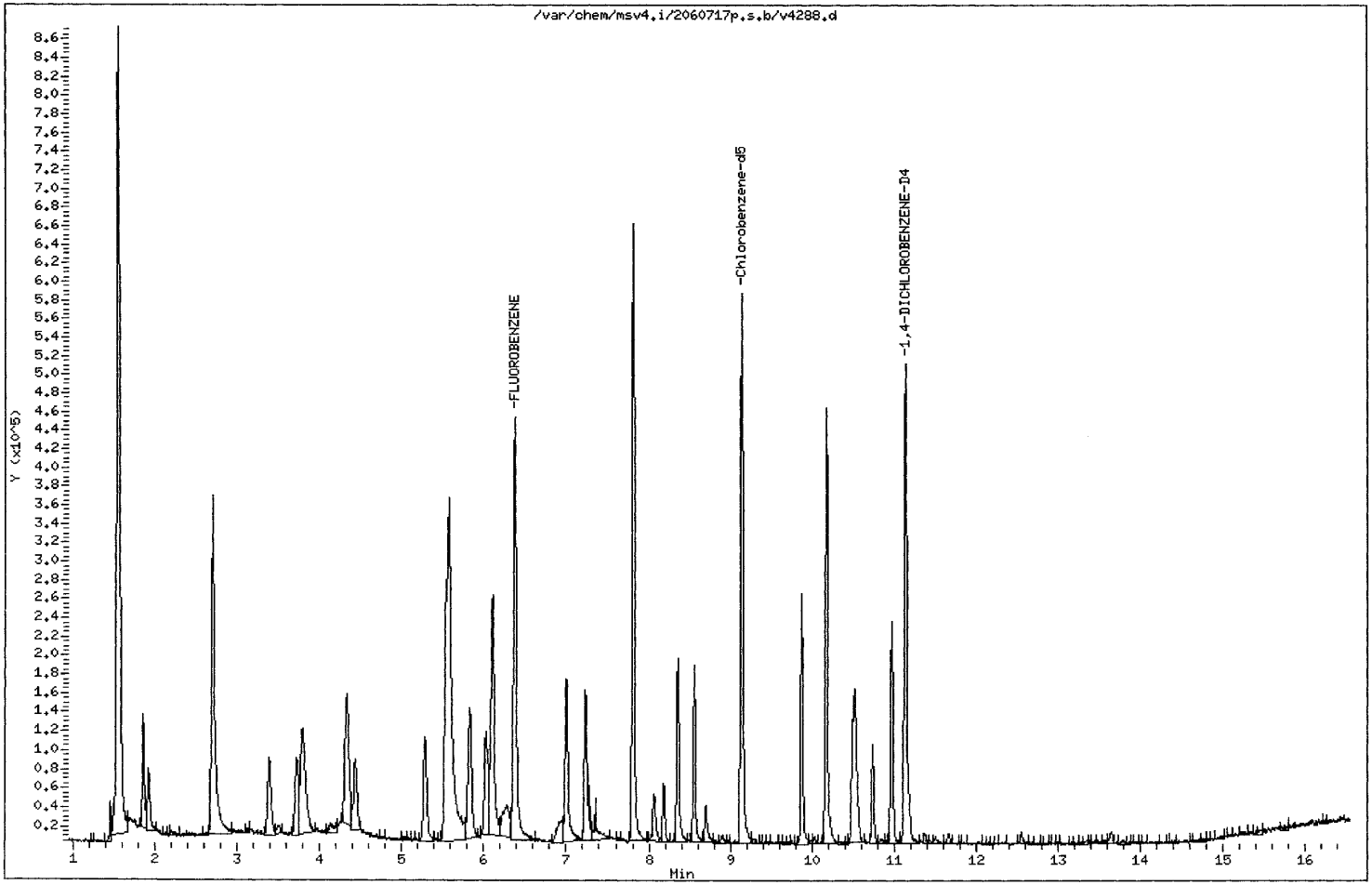
Instrument: msv4.i

Sample Info: 1202*V4STD020APP9

Operator: AJW

Column phase: DB-624-30M

Column diameter: 0.53

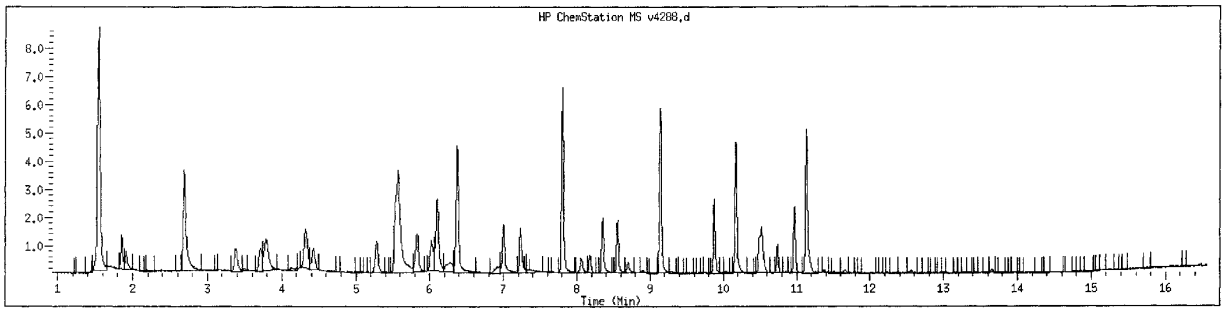


188210

Data file : /var/chem/msv4.i/2060717p.s.b/v4288.d Page: 1
Report Date: 07/20/2006 07:00

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 1202 SampleType : CALIB_2
Injection Date: 17-JUL-2006 23:42 Instrument : msv4.i
Operator : AJV
Sample Info : 1202*V4STD020APP9
Misc Info : MSV~8710~*1*ABD
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: PBWA9



NO MANUAL INTEGRATIONS

188211

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4289.d
Lab Smp Id: 1203 Client Smp ID: V4STD050APP9
Inj Date : 18-JUL-2006 00:06
Operator : AJV Inst ID: msv4.i
Smp Info : 1203*V4STD050APP9
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Meth Date : 20-Jul-2006 06:35 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 00:06 Cal File: v4289.d
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.916	1.920	(0.300)	103178	50.0000	47.4	8679
8 Ethyl Ether	59	2.697	2.691	(0.423)	746981	250.000	250	9222
14 Acetonitrile	41	2.697	2.691	(0.423)	134973	250.000	250	6420
24 Isopropyl Ether	45	4.333	4.332	(0.680)	647915	50.0000	53.7	9180
44 Isobutyl Alcohol	43	6.286	6.285	(0.986)	185295	250.000		7596(a)
* 47 FLUOROBENZENE	96	6.376	6.375	(1.000)	408786	50.0000		9310
50 N-Butyl Alcohol	56	6.925	7.135	(1.086)	102157	250.000	251	7393
53 Methyl Methacrylate	69	7.231	7.235	(1.134)	165018	50.0000	54.8	8448
62 Ethyl Methacrylate	41	5.832	5.831	(0.638)	149991	50.0000		4817(a)
* 77 Chlorobenzene-d5	82	9.142	9.141	(1.000)	188511	50.0000		8921
* 105 1,4-DICHLOROBENZENE-D4	152	11.137	11.136	(1.000)	136727	50.0000		8832

QC Flag Legend

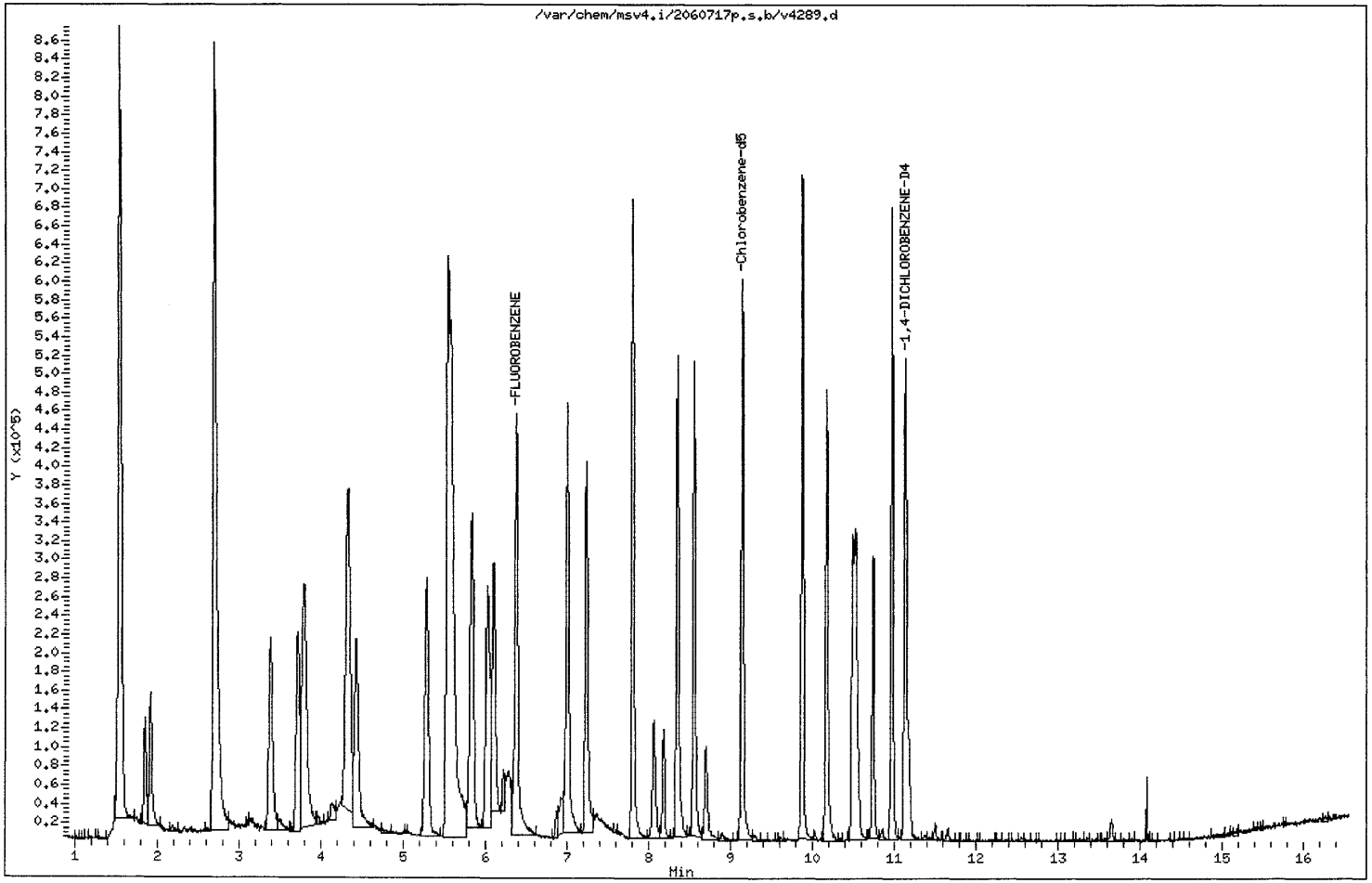
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /var/chem/msv4.i/2060717p.s.b/v4289.d
Date : 18-JUL-2006 00:06
Client ID: V4STD050APP9
Sample Info: 1203*V4STD050APP9

Column phase: DB-624-30M

Instrument: msv4.i

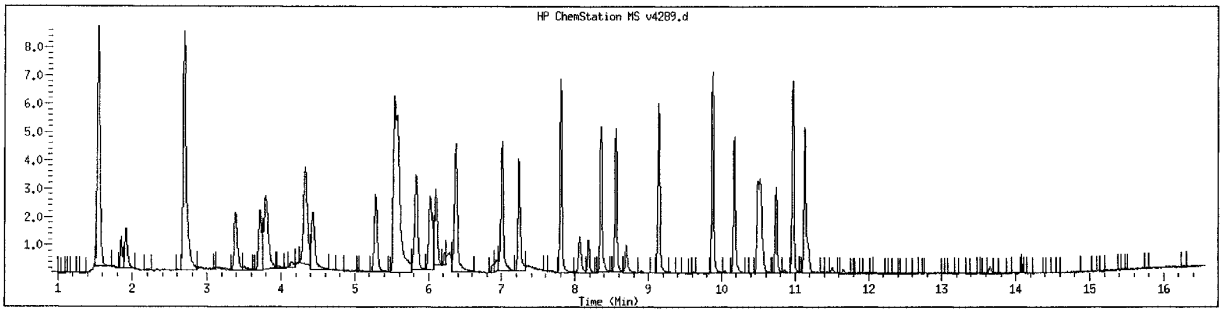
Operator: AJW
Column diameter: 0.53



Data file : /var/chem/msv4.i/2060717p.s.b/v4289.d Page: 1
Report Date: 07/20/2006 07:00

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1203	SampleType	: CALIB_3
Injection Date	: 18-JUL-2006 00:06	Instrument	: msv4.i
Operator	: AJV		
Sample Info	: 1203*V4STD050APP9		
Misc Info	: MSV~8710~*1*ABD		
Method	: /var/chem/msv4.i/2060717p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: PBWA9



NO MANUAL INTEGRATIONS

188215

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4290.d
Lab Smp Id: 1204 Client Smp ID: V4STD100APP9
Inj Date : 18-JUL-2006 00:30
Operator : AJV Inst ID: msv4.i
Smp Info : 1204*V4STD100APP9
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Meth Date : 20-Jul-2006 06:35 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 00:30 Cal File: v4290.d
Als bottle: 19 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.921	1.920	(0.301)	207139	100.000	88.1	8973
8 Ethyl Ether	59	2.697	2.691	(0.423)	1550250	500.000	500	9258
14 Acetonitrile	41	2.697	2.691	(0.423)	266894	500.000	499	6327
24 Isopropyl Ether	45	4.328	4.332	(0.679)	1291757	100.000	96.9	9242
44 Isobutyl Alcohol	43	6.423	6.285	(1.007)	636407	500.000		7583(a)
* 47 FLUOROBENZENE	96	6.376	6.375	(1.000)	454666	50.0000		9064
50 N-Butyl Alcohol	56	7.252	7.135	(1.137)	464883	500.000	500	4424
53 Methyl Methacrylate	69	7.241	7.235	(1.136)	432786	100.000	123	8185
62 Ethyl Methacrylate	41	5.827	5.831	(0.637)	411091	100.000		4874(a)
* 77 Chlorobenzene-d5	82	9.141	9.141	(1.000)	200451	50.0000		8867
* 105 1,4-DICHLOROBENZENE-D4	152	11.137	11.136	(1.000)	155324	50.0000		8837

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

000246

Data File: /var/chem/msv4.i/2060717p.s.b/v4290.d

Page 1

Date : 18-JUL-2006 00:30

Client ID: W4STD100APP9

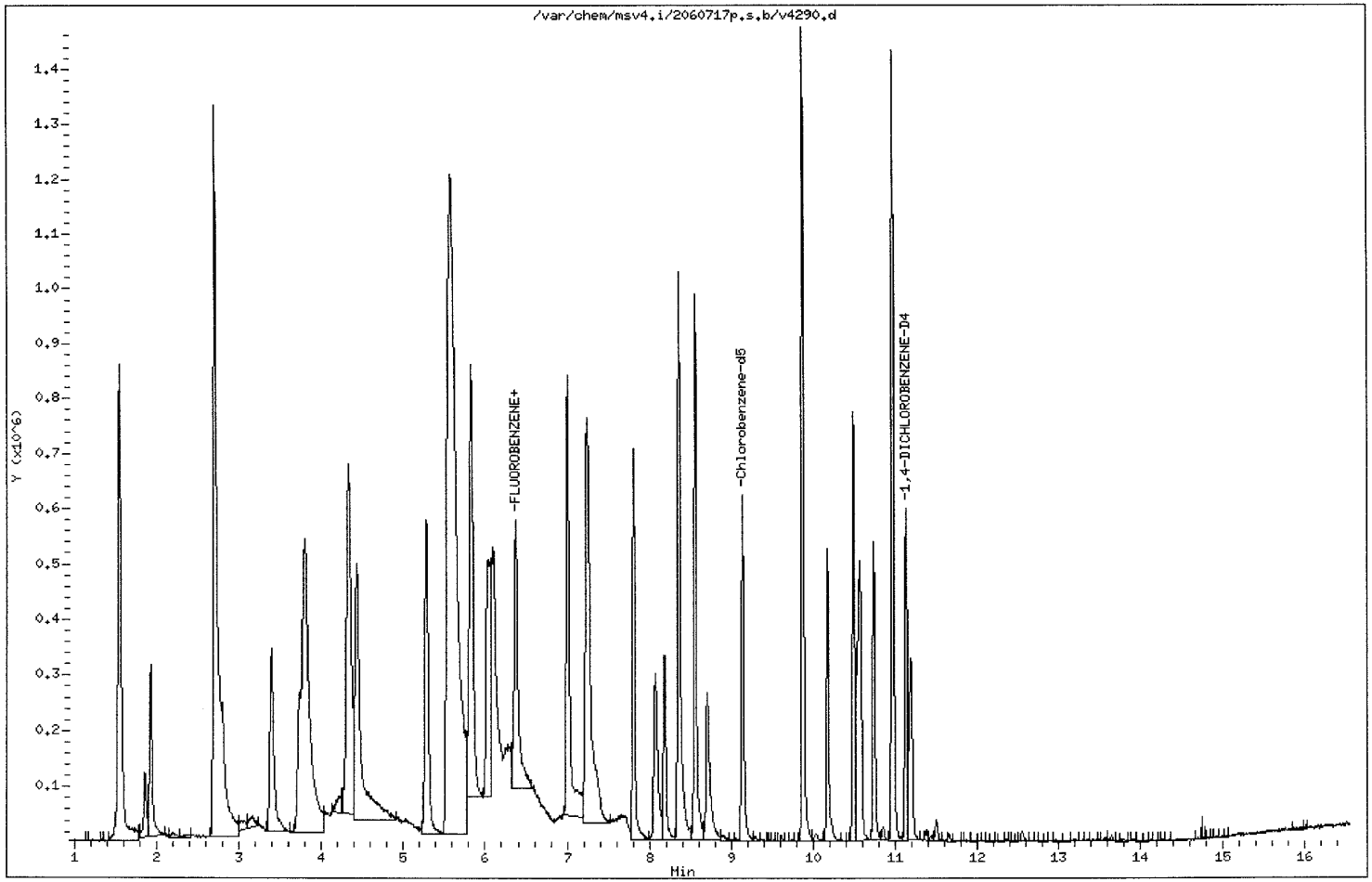
Instrument: msv4.i

Sample Info: 1204*W4STD100APP9

Operator: AJV

Column phase: DB-624-30M

Column diameter: 0.53

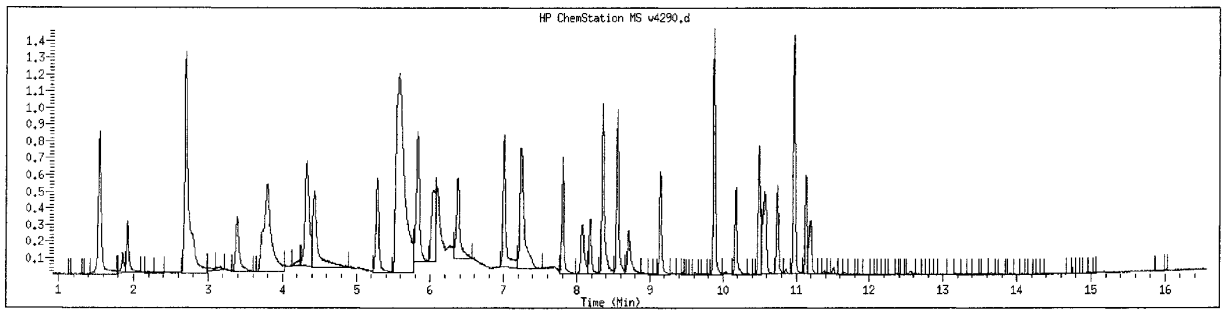


188218

Data file : /var/chem/msv4.i/2060717p.s.b/v4290.d Page: 1
Report Date: 07/20/2006 07:00

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1204	SampleType	: CALIB_4
Injection Date	: 18-JUL-2006 00:30	Instrument	: msv4.i
Operator	: AJV		
Sample Info	: 1204*V4STD100APP9		
Misc Info	: MSV~8710~*1*ABD		
Method	: /var/chem/msv4.i/2060717p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: PBWA9



NO MANUAL INTEGRATIONS

188219

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4291.d
Lab Smp Id: 1205 Client Smp ID: V4STD200APP9
Inj Date : 18-JUL-2006 00:54
Operator : AJV Inst ID: msv4.i
Smp Info : 1205*V4STD200APP9
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Meth Date : 20-Jul-2006 06:35 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 00:54 Cal File: v4291.d
Als bottle: 20 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.920	1.920	(0.301)	427933	200.000	172	9265
8 Ethyl Ether	59	2.691	2.691	(0.422)	2314315	1000.00	973	9330
14 Acetonitrile	41	2.691	2.691	(0.422)	414477	1000.00	986	6313
24 Isopropyl Ether	45	4.332	4.332	(0.680)	2840750	200.000	196	9175
44 Isobutyl Alcohol	43	6.285	6.285	(0.986)	894592	1000.00		7440(a)
* 47 FLUOROBENZENE	96	6.375	6.375	(1.000)	495749	50.0000		9054
50 N-Butyl Alcohol	56	7.135	7.135	(1.119)	534842	1000.00	486	6873
53 Methyl Methacrylate	69	7.235	7.235	(1.135)	842400	200.000	217	8482(A)
62 Ethyl Methacrylate	41	5.831	5.831	(0.638)	702570	200.000		4850(a)
* 77 Chlorobenzene-d5	82	9.141	9.141	(1.000)	223307	50.0000		8921
* 105 1,4-DICHLOROBENZENE-D4	152	11.136	11.136	(1.000)	172621	50.0000		8775

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

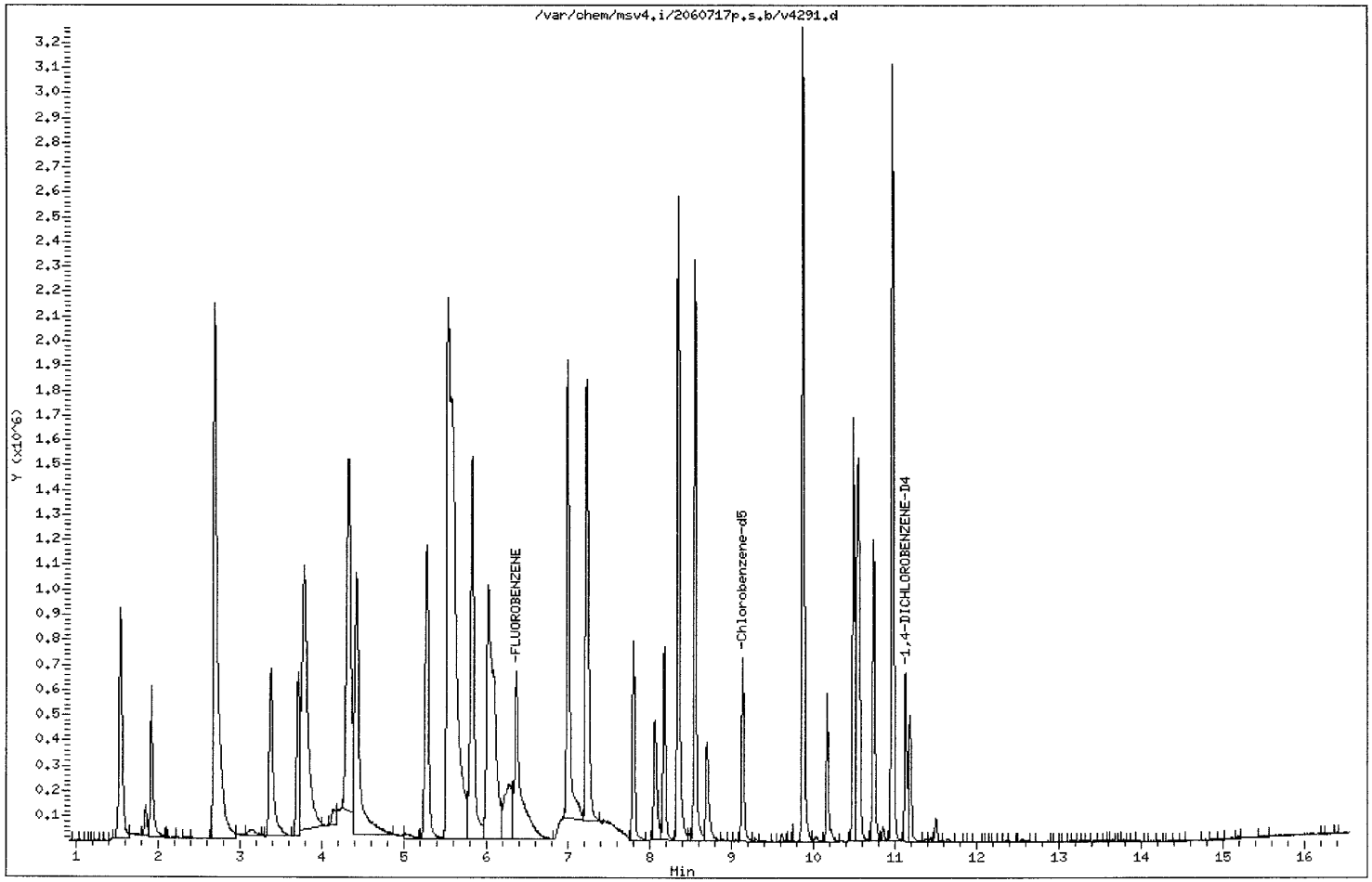
Data File: /var/chem/msv4.i/2060717p.s.b/v4291.d
Date : 18-JUL-2006 00:54
Client ID: V4STD200APP9
Sample Info: 1205*V4STD200APP9

Column phase: DB-624-30M

Page 1

Instrument: msv4.i

Operator: AJV
Column diameter: 0.53

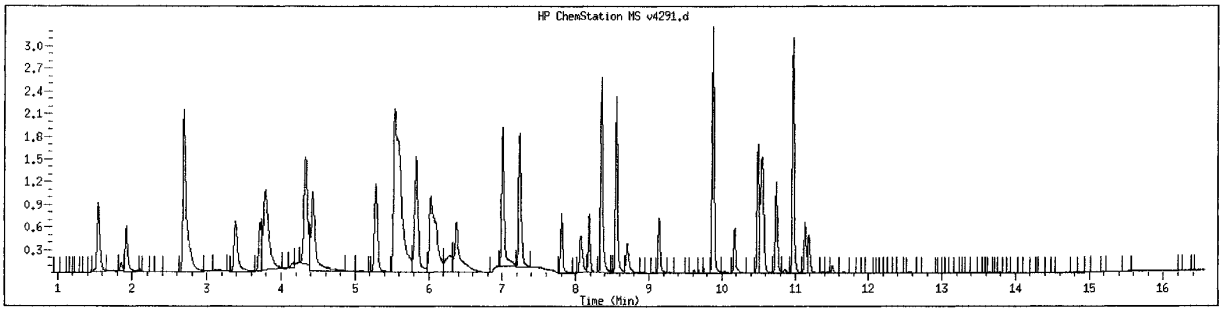


188222

Data file : /var/chem/msv4.i/2060717p.s.b/v4291.d Page: 1
Report Date: 07/20/2006 07:00

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1205	SampleType	: CALIB_5
Injection Date	: 18-JUL-2006 00:54	Instrument	: msv4.i
Operator	: AJV		
Sample Info	: 1205*V4STD200APP9		
Misc Info	: MSV~8710~*1*ABD		
Method	: /var/chem/msv4.i/2060717p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: PBWA9



NO MANUAL INTEGRATIONS

188223

Data File: /var/chem/msv4.i/2060717p.s.b/v4294.d
Report Date: 20-Jul-2006 07:08

GCAL, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: 1600
Level: LOW
Data Type: MS DATA
SpikeList File: APP9.spk
Sublist File: APP9.sub
Method File: /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Misc Info: MSV~8710~*1*ABD

Client SDG: 2060717p.s
Fraction: VOA
Client Smp ID: APP9ICV
Operator: AJV
SampleType: LCS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
8 Ethyl Ether	250	229	91.40	70-140
14 Acetonitrile	250	234	93.47	70-140
22 Allyl Chloride	50.0	0.00	*	70-140
23 tert-butyl alcohol	50.0	0.00	*	70-140
26 Chloroprene	50.0	0.00	*	70-140
41 Proprionitrile	250	0.00	*	70-140
34 Ethyl Acetate	250	0.00	*	70-140
24 Isopropyl Ether	50.0	53.6	107.11	70-140
53 Methyl Methacrylate	50.0	60.0	120.04	70-140
55 1,4-Dioxane	1250	0.00	*	70-140
65 2,3-Dichloro-1-propene	50.0	0.00	*	70-140
62 Ethyl Methacrylate	50.0	0.00	*	70-140
4 1,3 Butadiene	50.0	39.3	78.53	70-140
44 Isobutyl Alcohol	250	0.00	*	70-140
111 Benzal chloride	100	0.00	*	70-130
50 N-Butyl Alcohol	250	438	175.26*	70-130
88 Pentachloroethane	50.0	0.00	*	70-130
86 Cyclohexanone	100	0.00	*	70-130
38 2-Butanol	50.0	0.00	*	70-130
147 Methylacrylonitrile	50.0	0.00	*	70-130
148 Tetrahydrofuran	250	0.00	*	70-130

GCAL, Inc.

Data file : /var/chem/msv4.i/2060717p.s.b/v4294.d
Lab Smp Id: 1600 Client Smp ID: APP9ICV
Inj Date : 18-JUL-2006 02:05
Operator : AJV Inst ID: msv4.i
Smp Info : 1600*APP9ICV
Misc Info : MSV~8710~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060717p.s.b/8260Bs4.m
Meth Date : 20-Jul-2006 06:35 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 00:54 Cal File: v4291.d
Als bottle: 23 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
4 1,3 Butadiene	39	1.922	1.920	(0.302)	87990	39.2625	39.3	8501
8 Ethyl Ether	59	2.692	2.691	(0.423)	862044	228.511	229	9236
14 Acetonitrile	41	2.698	2.691	(0.423)	152074	233.667	234	6373
24 Isopropyl Ether	45	4.329	4.332	(0.679)	697367	53.5554	53.6	9190
* 47 FLUOROBENZENE	96	6.371	6.375	(1.000)	445466	50.0000		9200
50 N-Butyl Alcohol	56	7.084	7.135	(1.112)	240025	438.152	438	7214(RM)
53 Methyl Methacrylate	69	7.237	7.235	(1.136)	209607	60.0177	60.0	8299
* 77 Chlorobenzene-d5	82	9.137	9.141	(1.000)	197781	50.0000		8739
* 105 1,4-DICHLOROBENZENE-D4	152	11.143	11.136	(1.000)	146238	50.0000		9036

QC Flag Legend

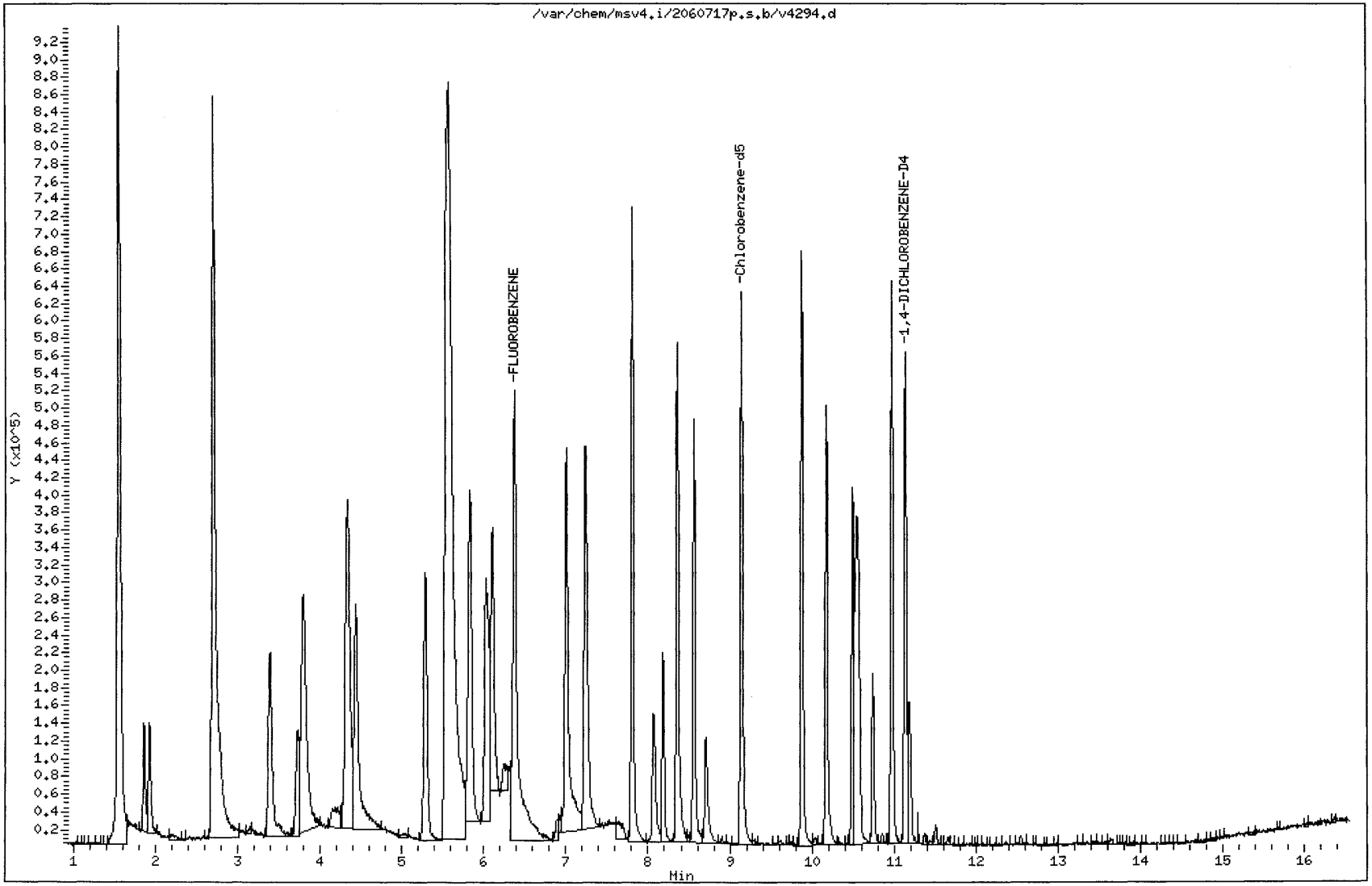
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /var/chem/msv4.i/2060717p.s.b/v4294.d
Date : 18-JUL-2006 02:05
Client ID: APP9ICV
Sample Info: 1600*APP9ICV

Column phase: DB-624-30M

Instrument: msv4.i

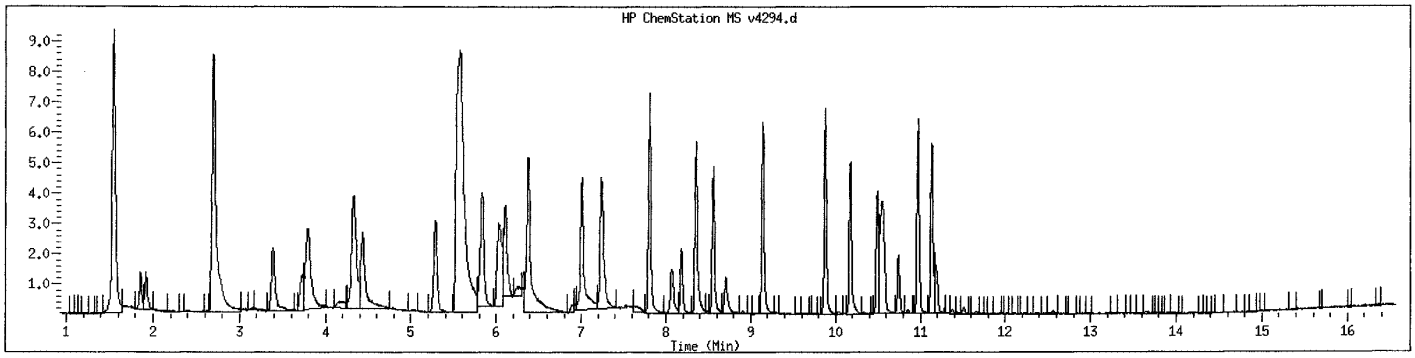
Operator: AJV
Column diameter: 0.53



Data file : /var/chem/msv4.i/2060717p.s.b/v4294.d Page: 1
Report Date: 07/20/2006 07:08

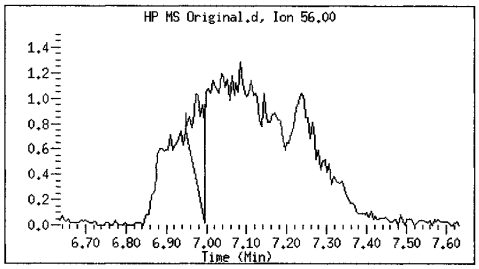
MANUAL INTEGRATION GRAPHIC REPORT

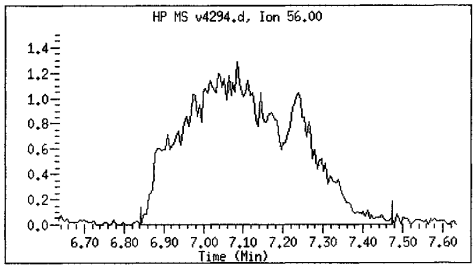
Lab ID	: 1600	SampleType	: LCS
Injection Date	: 18-JUL-2006 02:05	Instrument	: msv4.i
Operator	: AJV		
Sample Info	: 1600*APP9ICV		
Misc Info	: MSV~8710~*1*ABD		
Method	: /var/chem/msv4.i/2060717p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: APP9



Original Final

50 N-Butyl Alcohol CAS#: 71-36-3





188228

GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4295.d
Lab Smp Id: 1000 Client Smp ID: V4BFB01
Inj Date : 18-JUL-2006 08:16
Operator : ABD Inst ID: msv4.i
Smp Info : 1000*V4BFB01
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/bfb1.m
Meth Date : 08-Jul-2006 10:02 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
10.176	10.200	(0.000)	95	65394			100.00- 100.00	100.00
10.176	10.200	(0.000)	50	19765			15.00- 40.00	30.22
10.176	10.200	(0.000)	75	36845			30.00- 60.00	56.34
10.176	10.200	(0.000)	96	4229			5.00- 9.00	6.47
10.176	10.200	(0.000)	173	0			0.00- 2.00	0.00
10.176	10.200	(0.000)	174	54069			50.00- 120.00	82.68
10.176	10.200	(0.000)	175	4030			5.00- 9.00	7.45
10.176	10.200	(0.000)	176	53160			95.00- 101.00	98.32
10.176	10.200	(0.000)	177	3702			5.00- 9.00	6.96

Data File: /var/chem/msv4.i/2060718.s.b/v4295.d

Date : 18-JUL-2006 08:16

Client ID: V4BFB01

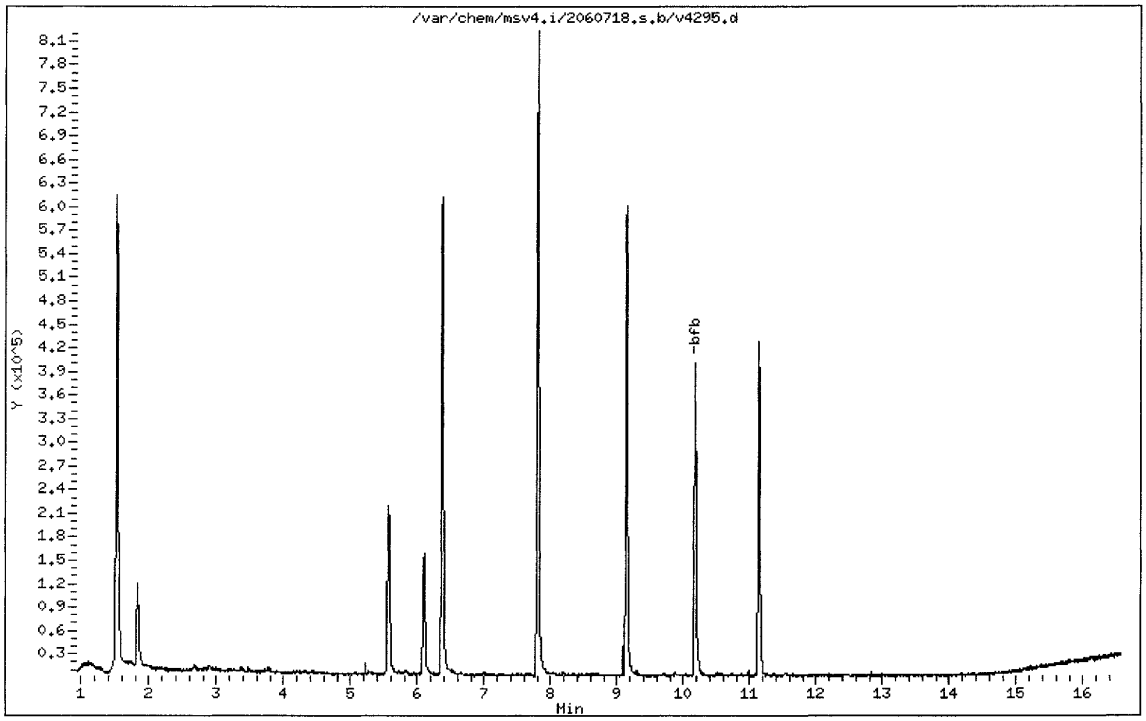
Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53



Data File: /var/chem/msv4.i/2060718.s.b/v4295.d

Date : 18-JUL-2006 08:16

Client ID: V4BFB01

Instrument: msv4.i

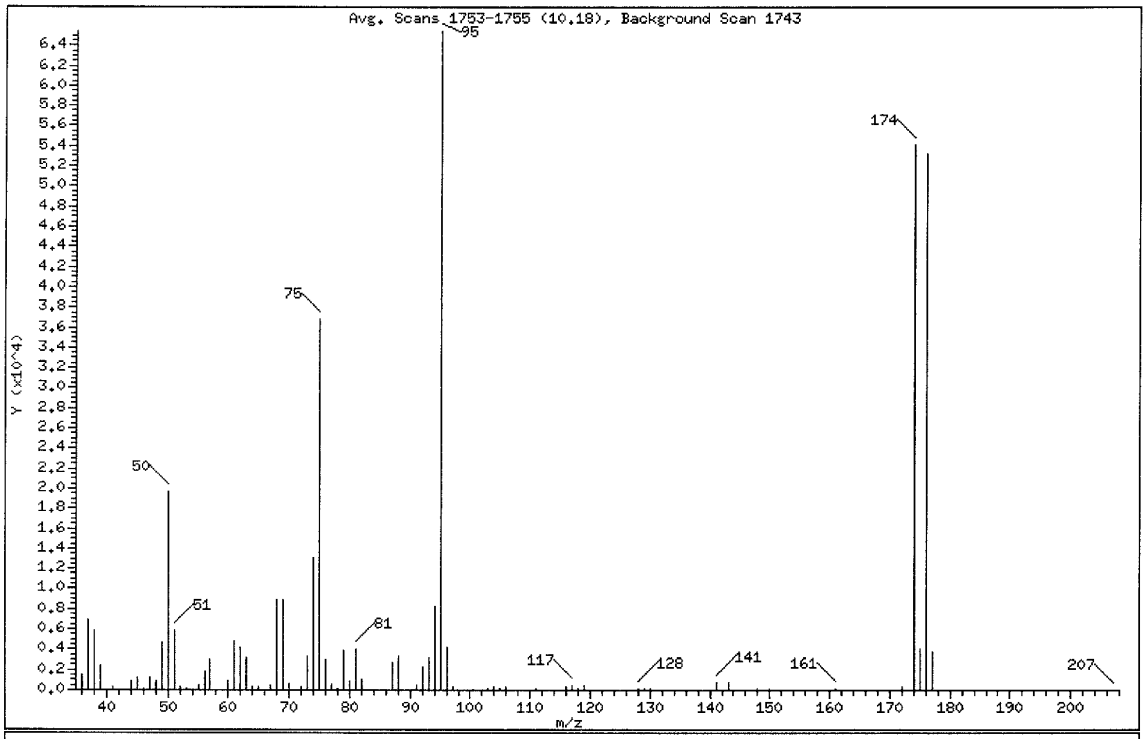
Sample Info: 1000*V4BFB01

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	30.22
75	30.00 - 60.00% of mass 95	56.34
96	5.00 - 9.00% of mass 95	6.47
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	82.68
175	5.00 - 9.00% of mass 174	6.16 (7.45)
176	95.00 - 101.00% of mass 174	81.29 (98.32)
177	5.00 - 9.00% of mass 176	5.66 (6.96)

188231

Data File: /var/chem/msv4.i/2060718.s.b/v4295.d

Date : 18-JUL-2006 08:16

Client ID: V4BFB01

Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

Data File: v4295.d

Spectrum: Avg. Scans 1753-1755 (10.18), Background Scan 1743

Location of Maximum: 95.00

Number of points: 80

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1547	61.00	4792	87.00	2781	130.00	82
37.00	6881	62.00	4182	88.00	3298	135.00	52
38.00	5796	63.00	3224	91.00	465	136.00	60
39.00	2397	64.00	318	92.00	2208	141.00	713
41.00	285	65.00	326	93.00	3180	142.00	54
42.00	68	67.00	394	94.00	8230	143.00	687
43.00	63	68.00	8869	95.00	65392	147.00	54
44.00	971	69.00	8936	96.00	4229	148.00	146
45.00	1228	70.00	557	97.00	239	150.00	79
46.00	192	72.00	282	103.00	104	155.00	54
47.00	1169	73.00	3352	104.00	312	161.00	117
48.00	869	74.00	13056	105.00	123	172.00	296
49.00	4720	75.00	36840	106.00	248	174.00	54064
50.00	19760	76.00	3054	111.00	88	175.00	4030
51.00	5917	77.00	635	113.00	55	176.00	53160
52.00	363	78.00	176	116.00	326	177.00	3702
53.00	215	79.00	3878	117.00	466	207.00	56
55.00	522	80.00	926	118.00	108		
56.00	1843	81.00	4050	119.00	433		
57.00	3046	82.00	995	128.00	140		
60.00	961	86.00	52	129.00	118		

GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4296.d
Lab Smp Id: 1206 Client Smp ID: V4STD002
Inj Date : 18-JUL-2006 08:55
Operator : ABD Inst ID: msv4.i
Smp Info : 1206*V4STD002*5-50-8
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Meth Date : 19-Jul-2006 16:10 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 08:55 Cal File: v4296.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.669	1.669	(0.262)	8997	2.00000	2.00	5651
2 Chloromethane ++	50	1.859	1.859	(0.291)	20715	2.00000		2344(a)
3 Vinyl Chloride +	62	1.906	1.906	(0.299)	9337	2.00000	2.00	5773
5 Bromomethane	94	2.186	2.186	(0.343)	4583	2.00000	2.00	5496
7 Chloroethane	64	2.297	2.297	(0.360)	4129	2.00000	2.00	6272
8 Trichlorofluoromethane	101	2.418	2.418	(0.379)	9118	2.00000	2.00	6701
10 1,1-Dichloroethene +	96	2.888	2.888	(0.453)	4703	2.00000	2.00	6442
11 Carbon Disulfide	76	2.925	2.925	(0.459)	20838	2.00000	2.00	6786
12 1,1,2Trichlotrifluoroethane	101	2.936	2.936	(0.460)	6087	2.00000	2.00	6166
13 Methyl Iodide	142	3.036	3.036	(0.476)	5595	2.00000	2.00	5111
14 Acrolein	56	3.231	3.231	(0.507)	9177	10.0000	10.0	3693
15 Methylene Chloride	49	3.511	3.511	(0.551)	22595	2.00000	2.00	8650
17 Acetone	43	3.569	3.569	(0.560)	14720	2.00000		7088(aH)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.696	3.696	(0.580)	8656	2.00000	2.00	6483
	19 Methyl Acetate	43	3.717	3.717	(0.583)	20669	2.00000		7404(a)
	20 Hexane	57	3.796	3.796	(0.595)	16629	2.00000	2.00	7560
	21 MTBE	73	3.838	3.838	(0.602)	20352	2.00000	2.00	6454
	26 1,1-Dichloroethane ++	63	4.461	4.461	(0.700)	11826	2.00000	2.00	7646
	27 Acrylonitrile	53	4.545	4.545	(0.713)	26963	10.0000	10.0	7977
	30 Vinyl Acetate	43	4.788	4.788	(0.751)	19130	2.00000	2.00	
	31 cis-1,2-Dichloroethene	61	5.079	5.079	(0.796)	9948	2.00000	2.00	7434
	33 2,2-Dichloropropane	77	5.210	5.210	(0.817)	7759	2.00000	2.00	6312
	35 Cyclohexane	56	5.284	5.284	(0.829)	10890	2.00000	2.00	6140
	37 Bromochloromethane	128	5.295	5.295	(0.830)	3006	2.00000	2.00	6823
	39 Chloroform +	83	5.390	5.390	(0.845)	10951	2.00000	2.00	8436
	42 Carbon Tetrachloride	117	5.527	5.527	(0.867)	4782	2.00000	2.00	7595
$	44 Dibromofluoromethane	111	5.575	5.575	(0.874)	6897	2.00000		6714(a)
	45 1,1,1-Trichloroethane	97	5.590	5.590	(0.877)	8221	2.00000	2.00	7951
	46 2-Butanone	43	5.728	5.728	(0.898)	35408	2.00000		(a)
	47 1,1-Dichloropropene	75	5.717	5.717	(0.897)	7448	2.00000	2.00	7709
	53 Benzene	78	5.965	5.965	(0.935)	21379	2.00000	2.00	8431
$	54 1,2-Dichloroethane-d4	67	6.108	6.108	(0.958)	5399	2.00000		8220(a)
	55 1,2-Dichloroethane	62	6.171	6.171	(0.968)	11145	2.00000	2.00	8772
*	58 FLUOROBENZENE	96	6.377	6.377	(1.000)	502892	50.0000		9418
	59 Methyl cyclohexane	83	6.519	6.519	(1.022)	7659	2.00000	2.00	8548
	60 Trichloroethene	130	6.535	6.535	(1.025)	5145	2.00000	2.00	8094
	62 Dibromomethane	93	6.926	6.926	(1.086)	5294	2.00000	2.00	8436
	64 1,2-Dichloropropane +	63	7.021	7.021	(1.101)	7007	2.00000	2.00	8918
M	65 Total 1,2-Dichloroethene	61				18604	4.00000	4.00	0
	67 Bromodichloromethane	83	7.084	7.084	(1.111)	7716	2.00000	2.00	8644
	71 1-Bromo-2-chloroethane	144	7.507	7.507	(1.177)	1057	2.00000	2.00	8492
	72 2-Chloroethyl vinyl ether	63	7.602	7.602	(1.192)	2633	2.00000		2290(a)
	74 cis-1,3-Dichloropropene	75	7.644	7.644	(1.199)	8927	2.00000	2.00	
M	75 1-3 Dichloropropene-Total	100				18112	4.00000	4.00	0
$	76 Toluene-d8	98	7.802	7.802	(0.854)	19221	2.00000		9070(a)
	77 Toluene +	91	7.850	7.850	(0.859)	21190	2.00000	2.00	9122
	80 Tetrachloroethene	164	8.187	8.187	(0.896)	2299	2.00000	2.00	8738
	81 4-methyl-2-pentanone	43	8.193	8.193	(0.897)	19821	2.00000	2.00	
	82 trans-1,3-Dichloropropene	75	8.214	8.214	(0.899)	9185	2.00000	2.00	
	83 1,1,2-Trichloroethane	97	8.356	8.356	(0.914)	6080	2.00000	2.00	9292
	85 Dibromochloromethane	129	8.509	8.509	(0.931)	5960	2.00000	2.00	8216
	86 1,3-Dichloropropane	76	8.589	8.589	(0.940)	10041	2.00000	2.00	9163
	87 1,2-Dibromoethane(EDB)	107	8.710	8.710	(0.953)	6395	2.00000	2.00	8414
	88 2-Hexanone	43	8.911	8.911	(0.975)	17504	2.00000	2.00	8184
	89 1-Chlorohexane	91	9.127	9.127	(0.999)	7125	2.00000	2.00	4420(M)
*	90 Chlorobenzene-d5	82	9.138	9.138	(1.000)	205816	50.0000		8811
	91 Chlorobenzene ++	112	9.153	9.153	(1.002)	14358	2.00000	2.00	4131
	92 Ethylbenzene +	91	9.174	9.174	(1.004)	23974	2.00000	2.00	6452(MH)
	93 1,1,1,2-Tetrachloroethane	133	9.206	9.206	(1.008)	3897	2.00000	2.00	7680
	95 p,m-Xylene	106	9.296	9.296	(1.017)	14678	4.00000	4.00	9222

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.655	9.655	(1.057)	6501	2.00000	2.00	
99 Styrene	104	9.708	9.708	(1.062)	10855	2.00000	2.00	8440
100 Bromoform ++	173	9.739	9.739	(1.066)	4356	2.00000	2.00	8174
101 Isopropylbenzene	105	9.924	9.924	(1.086)	17211	2.00000	2.00	8916
$ 103 Bromofluorobenzene	174	10.172	10.172	(1.113)	5944	2.00000		8623(a)
104 Bromobenzene	77	10.272	10.272	(0.923)	10008	2.00000	2.00	7183
105 n-Propylbenzene	91	10.278	10.278	(0.923)	21641	2.00000	2.00	7798
106 1,1,2,2-Tetrachloroethane++	83	10.341	10.341	(0.929)	8410	2.00000	2.00	0(M)
107 2-Chlorotoluene	91	10.420	10.420	(0.936)	16820	2.00000	2.00	8628
108 1,3,5-Trimethylbenzene	105	10.431	10.431	(0.937)	13666	2.00000	2.00	
109 1,2,3-Trichloropropane	75	10.457	10.457	(0.939)	10482	2.00000	2.00	4358
110 trans-1,4-Dichloro-2-Butene	53	10.489	10.489	(0.942)	1798	2.00000	2.00	8185
111 4-Chlorotoluene	91	10.563	10.563	(0.949)	13209	2.00000	2.00	8252
112 tert-butylbenzene	91	10.716	10.716	(0.963)	7837	2.00000	2.00	8667
114 1,2,4-Trimethylbenzene	105	10.769	10.769	(0.967)	13965	2.00000	2.00	
116 sec-Butylbenzene	105	10.864	10.864	(0.976)	17619	2.00000	2.00	
117 p-Isopropyltoluene	119	10.980	10.980	(0.986)	13069	2.00000	2.00	7124
120 1,3-Dichlorobenzene	146	11.069	11.069	(0.994)	7886	2.00000	2.00	
* 121 1,4-DICHLOROBENZENE-D4	152	11.133	11.133	(1.000)	133712	50.0000		8719
122 1,4-Dichlorobenzene	146	11.149	11.149	(1.001)	9463	2.00000	2.00	
123 n-Butylbenzene	91	11.360	11.360	(1.020)	12227	2.00000	2.00	8462
M 124 TOTAL XYLENE	106				21179	6.00000	6.00	0
125 1,2-Dichlorobenzene	146	11.534	11.534	(1.036)	7342	2.00000	2.00	
126 1,2-Dibromo-3-Chloropropane	157	12.363	12.363	(1.110)	1531	2.00000	2.00	6028
127 Hexachlorobutadiene	225	13.139	13.139	(1.180)	2312	2.00000	2.00	0(M)
128 1,2,4-Trichlorobenzene	180	13.197	13.197	(1.185)	3294	2.00000	2.00	
129 Napthalene	128	13.582	13.582	(1.220)	6103	2.00000		7929(a)
130 1,2,3-Trichlorobenzene	180	13.782	13.782	(1.238)	3499	2.00000		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060718.s.b/v4296.d

Page 1

Date : 18-JUL-2006 08:55

Client ID: V4STD002

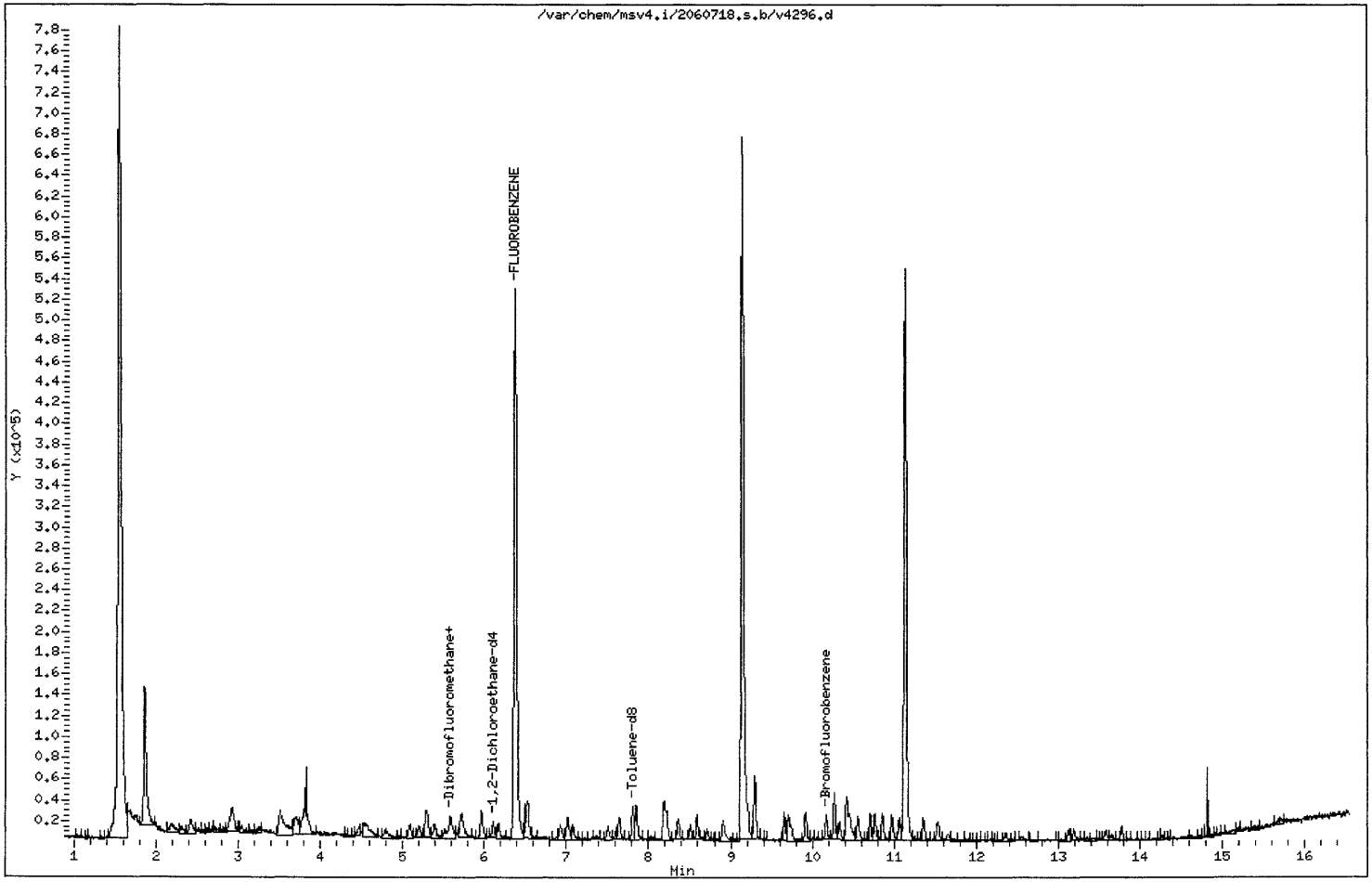
Instrument: msv4.i

Sample Info: 1206*V4STD002*5-50-8

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

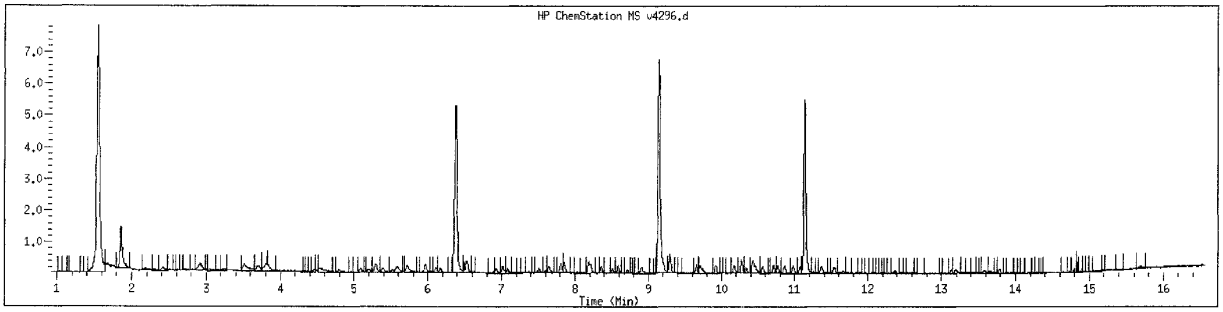


188236

Data file : /var/chem/msv4.i/2060718.s.b/v4296.d Page: 1
Report Date: 07/19/2006 16:10

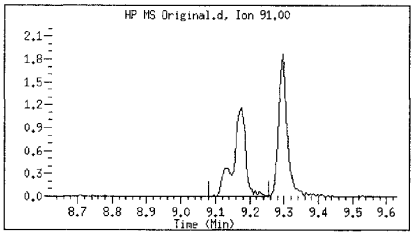
MANUAL INTEGRATION GRAPHIC REPORT

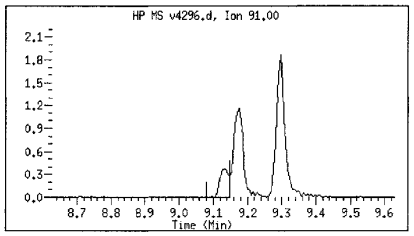
Lab ID	: 1206	SampleType	: CALIB_6
Injection Date	: 18-JUL-2006 08:55	Instrument	: msv4.i
Operator	: ABD		
Sample Info	: 1206*V4STD002*5-50-8		
Misc Info	: MSV~8707~*1*ABD		
Method	: /var/chem/msv4.i/2060718.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



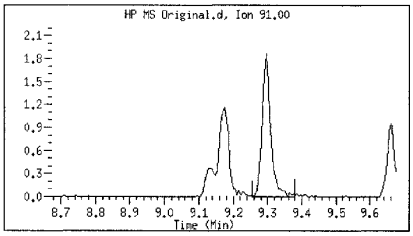
Original Final

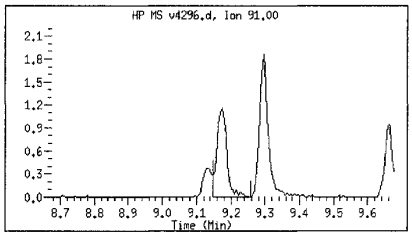
89 1-Chlorohexane CAS#: 544-10-5





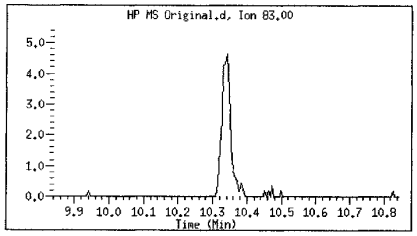
92 Ethylbenzene + CAS#: 100-41-4

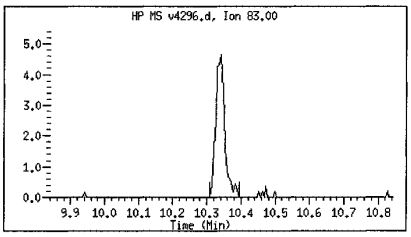




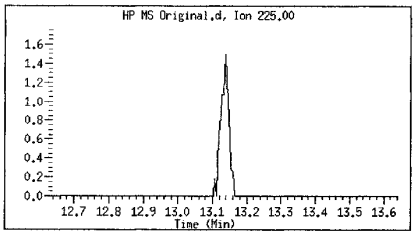
Original Final

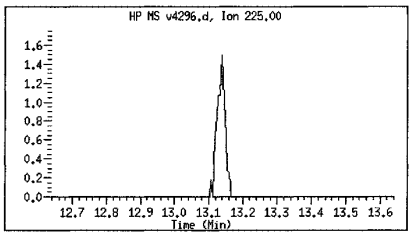
106 1,1,2,2-Tetrachloroethane++ CAS#: 79-34-5





127 Hexachlorobutadiene CAS#: 87-68-3





GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4297.d
Lab Smp Id: 1201 Client Smp ID: V4STD005
Inj Date : 18-JUL-2006 09:19
Operator : ABD Inst ID: msv4.i
Smp Info : 1201*V4STD005*5-50-8
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Meth Date : 19-Jul-2006 16:10 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 09:19 Cal File: v4297.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.668	1.668	(0.262)	19228	5.00000	4.69	6554
2 Chloromethane ++	50	1.853	1.853	(0.291)	32775	5.00000	5.00	2738
3 Vinyl Chloride +	62	1.900	1.900	(0.298)	17198	5.00000	4.33	6473
5 Bromomethane	94	2.185	2.185	(0.343)	7809	5.00000	4.14	7211
7 Chloroethane	64	2.301	2.301	(0.361)	9068	5.00000	4.76	7362
8 Trichlorofluoromethane	101	2.423	2.423	(0.380)	18549	5.00000	4.57	7894
10 1,1-Dichloroethene +	96	2.898	2.898	(0.455)	9774	5.00000	4.63	7799
11 Carbon Disulfide	76	2.919	2.919	(0.458)	44495	5.00000	4.69	7632
12 1,1,2Trichlotrifluoroethane	101	2.935	2.935	(0.461)	13059	5.00000	4.70	7686
13 Methyl Iodide	142	3.035	3.035	(0.476)	11316	5.00000	4.56	6779
14 Acrolein	56	3.272	3.272	(0.514)	17875	25.0000	25.0	4263
15 Methylene Chloride	49	3.510	3.510	(0.551)	36649	5.00000	5.00	8997
17 Acetone	43	3.568	3.568	(0.560)	20768	5.00000	5.00	7445

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.689	3.689	(0.579)	18631	5.00000	4.71	7405
	19 Methyl Acetate	43	3.726	3.726	(0.585)	31103	5.00000	5.00	7651
	20 Hexane	57	3.816	3.816	(0.599)	32164	5.00000	4.45	8011
	21 MTBE	73	3.837	3.837	(0.602)	45462	5.00000	4.81	6666
	26 1,1-Dichloroethane ++	63	4.460	4.460	(0.700)	25096	5.00000	4.68	9042
	27 Acrylonitrile	53	4.544	4.544	(0.713)	61864	25.0000	24.4	7930
	30 Vinyl Acetate	43	4.777	4.777	(0.750)	43092	5.00000	4.83	
	31 cis-1,2-Dichloroethene	61	5.072	5.072	(0.796)	20376	5.00000	4.59	7837
	33 2,2-Dichloropropane	77	5.194	5.194	(0.815)	17237	5.00000	4.79	6529
	35 Cyclohexane	56	5.283	5.283	(0.829)	19732	5.00000	4.29	6109
	37 Bromochloromethane	128	5.299	5.299	(0.832)	6361	5.00000	4.67	7521
	39 Chloroform +	83	5.384	5.384	(0.845)	23368	5.00000	4.69	8714
	42 Carbon Tetrachloride	117	5.510	5.510	(0.865)	12635	5.00000	5.22	8404
$	44 Dibromofluoromethane	111	5.579	5.579	(0.876)	15647	5.00000	5.00	6036
	45 1,1,1-Trichloroethane	97	5.579	5.579	(0.876)	16356	5.00000	4.52	8506
	46 2-Butanone	43	5.722	5.722	(0.898)	63478	5.00000	5.00	
	47 1,1-Dichloropropene	75	5.706	5.706	(0.896)	16192	5.00000	4.74	8021
	53 Benzene	78	5.959	5.959	(0.935)	44022	5.00000	4.60	8388
$	54 1,2-Dichloroethane-d4	67	6.102	6.102	(0.958)	11166	5.00000	5.00	8743
	55 1,2-Dichloroethane	62	6.165	6.165	(0.968)	24912	5.00000	4.81	8740
*	58 FLUOROBENZENE	96	6.371	6.371	(1.000)	485777	50.0000		9367
	59 Methyl cyclohexane	83	6.513	6.513	(1.022)	17422	5.00000	4.85	9000
	60 Trichloroethene	130	6.529	6.529	(1.025)	11387	5.00000	4.78	8456
	62 Dibromomethane	93	6.925	6.925	(1.087)	11874	5.00000	4.82	8906
	64 1,2-Dichloropropane +	63	7.009	7.009	(1.100)	15094	5.00000	4.71	8722
M	65 Total 1,2-Dichloroethene	61				39007	10.0000	9.29	0
	67 Bromodichloromethane	83	7.083	7.083	(1.112)	19148	5.00000	5.07	9203
	71 1-Bromo-2-chloroethane	144	7.511	7.511	(1.179)	2347	5.00000	4.79	8775
	72 2-Chloroethyl vinyl ether	63	7.606	7.606	(1.194)	6510	5.00000	5.00	1923(H)
	74 cis-1,3-Dichloropropene	75	7.648	7.648	(1.200)	21514	5.00000	4.99	
M	75 1-3 Dichloropropene-Total	100				43814	10.0000	10.0	0
$	76 Toluene-d8	98	7.801	7.801	(0.854)	37143	5.00000	5.00	8877
	77 Toluene +	91	7.849	7.849	(0.859)	41822	5.00000	4.47	8878
	80 Tetrachloroethene	164	8.176	8.176	(0.895)	7553	5.00000	5.74	8691
	81 4-methyl-2-pentanone	43	8.187	8.187	(0.896)	50541	5.00000	5.11	
	82 trans-1,3-Dichloropropene	75	8.213	8.213	(0.899)	22300	5.00000	4.99	
	83 1,1,2-Trichloroethane	97	8.355	8.355	(0.914)	13094	5.00000	4.69	8926
	85 Dibromochloromethane	129	8.503	8.503	(0.931)	12532	5.00000	4.63	8392
	86 1,3-Dichloropropane	76	8.588	8.588	(0.940)	22364	5.00000	4.77	8705
	87 1,2-Dibromoethane(EDB)	107	8.709	8.709	(0.953)	16150	5.00000	5.08	8302
	88 2-Hexanone	43	8.910	8.910	(0.975)	42481	5.00000	5.00	8242
	89 1-Chlorohexane	91	9.131	9.131	(0.999)	11809	5.00000	4.04	2674(H)
*	90 Chlorobenzene-d5	82	9.137	9.137	(1.000)	201041	50.0000		8981
	91 Chlorobenzene ++	112	9.152	9.152	(1.002)	30198	5.00000	4.63	5022
	92 Ethylbenzene +	91	9.168	9.168	(1.003)	51745	5.00000	4.69	6999(MH)
	93 1,1,1,2-Tetrachloroethane	133	9.205	9.205	(1.008)	11083	5.00000	5.38	8102
	95 p,m-Xylene	106	9.290	9.290	(1.017)	33778	10.0000	9.70	9141(H)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.659	9.659	(1.057)	16382	5.00000	5.08	
99 Styrene	104	9.707	9.707	(1.062)	26098	5.00000	4.96	8868
100 Bromoform ++	173	9.733	9.733	(1.065)	10818	5.00000	5.04	8363
101 Isopropylbenzene	105	9.923	9.923	(1.086)	38097	5.00000	4.75	8945
$ 103 Bromofluorobenzene	174	10.171	10.171	(1.113)	12146	5.00000	5.00	8756
104 Bromobenzene	77	10.266	10.266	(0.922)	22948	5.00000	4.66	7032
105 n-Propylbenzene	91	10.277	10.277	(0.923)	48158	5.00000	4.58	7953
106 1,1,2,2-Tetrachloroethane++	83	10.340	10.340	(0.929)	22133	5.00000	5.00	3412
107 2-Chlorotoluene	91	10.419	10.419	(0.936)	34976	5.00000	4.42	8536(H)
108 1,3,5-Trimethylbenzene	105	10.435	10.435	(0.937)	32540	5.00000	4.75	
109 1,2,3-Trichloropropane	75	10.456	10.456	(0.939)	23263	5.00000	4.58	4167
110 trans-1,4-Dichloro-2-Butene	53	10.488	10.488	(0.942)	5107	5.00000	5.19	9136
111 4-Chlorotoluene	91	10.562	10.562	(0.949)	31106	5.00000	4.72	9138
112 tert-butylbenzene	91	10.710	10.710	(0.962)	18133	5.00000	4.68	8757
114 1,2,4-Trimethylbenzene	105	10.768	10.768	(0.967)	32135	5.00000	4.67	
116 sec-Butylbenzene	105	10.857	10.857	(0.975)	42288	5.00000	4.77	
117 p-Isopropyltoluene	119	10.979	10.979	(0.986)	30169	5.00000	4.67	7260
120 1,3-Dichlorobenzene	146	11.068	11.068	(0.994)	18103	5.00000	4.66	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.132	(1.000)	140644	50.0000		8857
122 1,4-Dichlorobenzene	146	11.148	11.148	(1.001)	19629	5.00000	4.41	
123 n-Butylbenzene	91	11.354	11.354	(1.020)	29301	5.00000	4.77	9277
M 124 TOTAL XYLENE	106				50160	15.0000	14.8	0
125 1,2-Dichlorobenzene	146	11.538	11.538	(1.036)	17370	5.00000	4.74	
126 1,2-Dibromo-3-Chloropropane	157	12.356	12.356	(1.110)	4162	5.00000	5.00	5995
127 Hexachlorobutadiene	225	13.132	13.132	(1.180)	5684	5.00000	4.83	8716
128 1,2,4-Trichlorobenzene	180	13.185	13.185	(1.184)	8181	5.00000	5.00	
129 Napthalene	128	13.576	13.576	(1.220)	18005	5.00000	5.00	7274
130 1,2,3-Trichlorobenzene	180	13.782	13.782	(1.238)	8897	5.00000	5.00	

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060718.s.b/v4297.d

Page 1

Date : 18-JUL-2006 09:19

Client ID: V4STD005

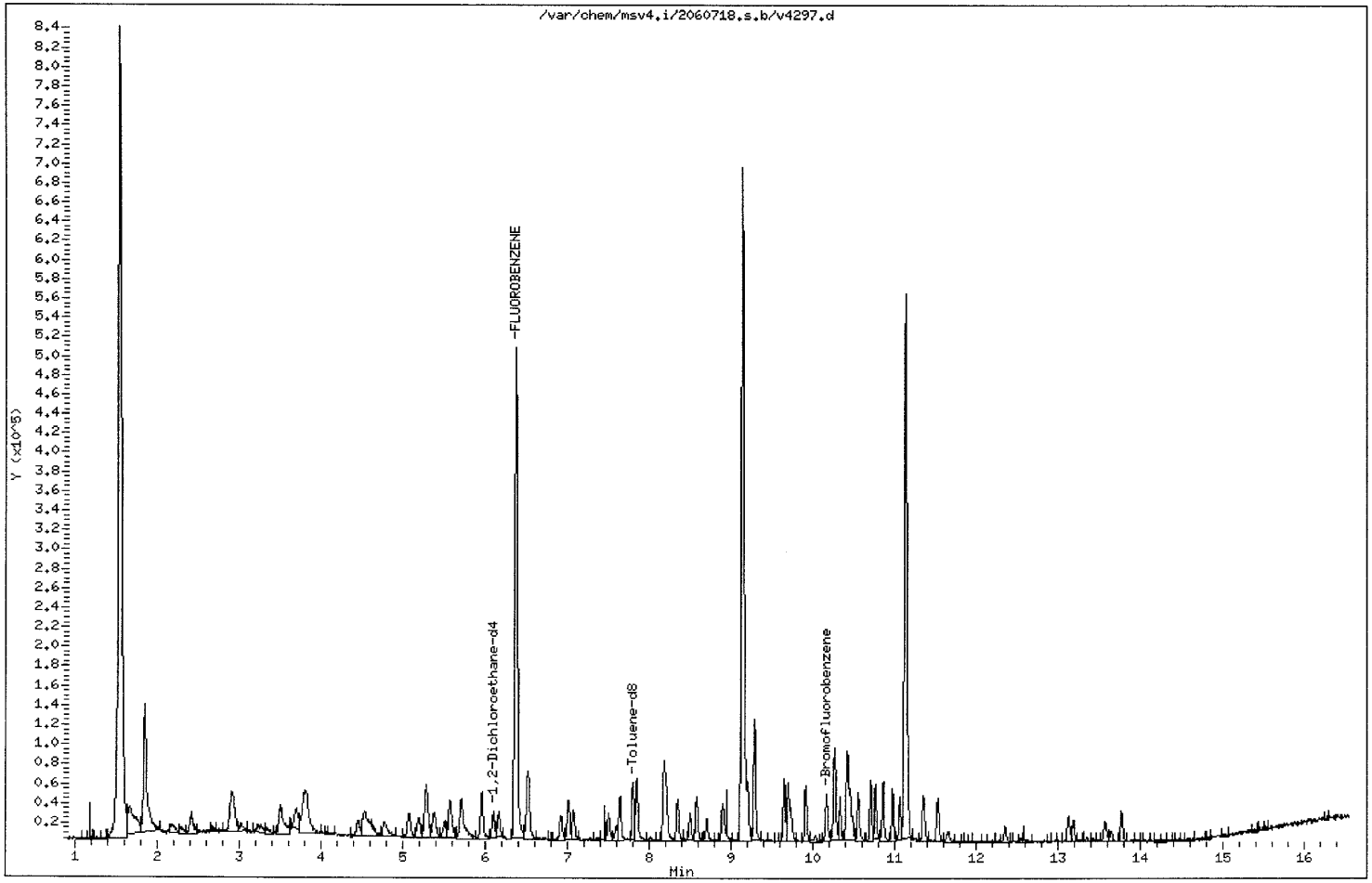
Instrument: msv4.i

Sample Info: 1201*V4STD005*5-50-8

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

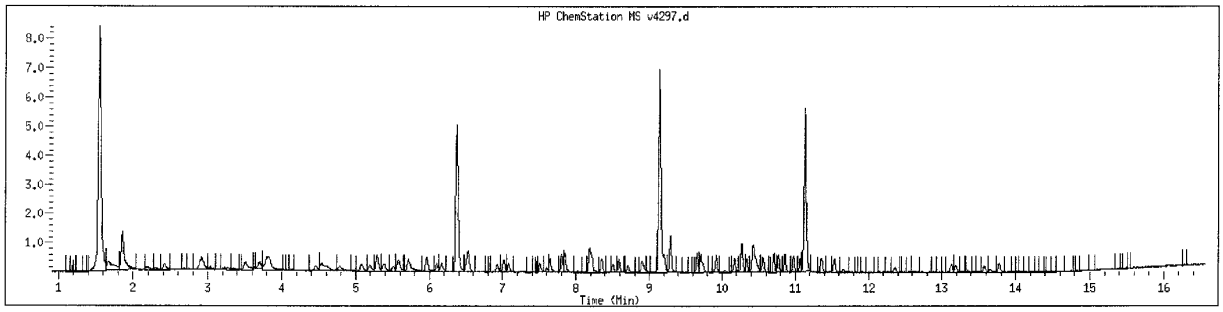


188242

Data file : /var/chem/msv4.i/2060718.s.b/v4297.d Page: 1
Report Date: 07/19/2006 16:10

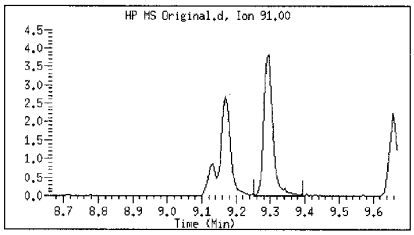
MANUAL INTEGRATION GRAPHIC REPORT

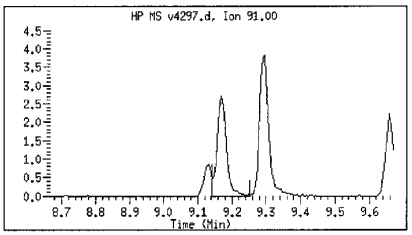
Lab ID : 1201 SampleType : CALIB_1
Injection Date: 18-JUL-2006 09:19 Instrument : msv4.i
Operator : ABD
Sample Info : 1201*V4STD005*5-50-8
Misc Info : MSV~8707~*1*ABD
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



Original Final

92 Ethylbenzene + CAS#: 100-41-4





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188243

GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4298.d
Lab Smp Id: 1207 Client Smp ID: V4STD010
Inj Date : 18-JUL-2006 09:44
Operator : ABD Inst ID: msv4.i
Smp Info : 1209*V4STD010*5-50-8
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Meth Date : 19-Jul-2006 16:10 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 09:44 Cal File: v4298.d
Als bottle: 3 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.663	1.663	(0.261)	39150	10.0000	9.97	8103
2 Chloromethane ++	50	1.848	1.848	(0.290)	55223	10.0000	9.35	3418
3 Vinyl Chloride +	62	1.901	1.901	(0.298)	34157	10.0000	9.28	7881
5 Bromomethane	94	2.180	2.180	(0.342)	16756	10.0000	9.49	8358
7 Chloroethane	64	2.297	2.297	(0.360)	20424	10.0000	10.8	8747
8 Trichlorofluoromethane	101	2.418	2.418	(0.379)	37939	10.0000	9.83	9287
10 1,1-Dichloroethene +	96	2.888	2.888	(0.453)	18544	10.0000	9.41	7472
11 Carbon Disulfide	76	2.914	2.914	(0.457)	91226	10.0000	10.0	8260
12 1,1,2Trichlotrifluoroethane	101	2.930	2.930	(0.460)	26817	10.0000	10.0	8337
13 Methyl Iodide	142	3.030	3.030	(0.476)	24176	10.0000	10.1	7684
14 Acrolein	56	3.231	3.231	(0.507)	19707	50.0000	42.6	3695(H)
15 Methylene Chloride	49	3.505	3.505	(0.550)	62825	10.0000	10.0	8901
17 Acetone	43	3.553	3.553	(0.558)	13436	10.0000		7673(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.685	3.685	(0.578)	39097	10.0000	10.2	7355
	19 Methyl Acetate	43	3.722	3.722	(0.584)	48317	10.0000	8.95	6324
	20 Hexane	57	3.806	3.806	(0.597)	65247	10.0000	9.59	8797
	21 MTBE	73	3.827	3.827	(0.601)	93966	10.0000	10.2	6611
	26 1,1-Dichloroethane ++	63	4.455	4.455	(0.699)	47821	10.0000	9.51	9114
	27 Acrylonitrile	53	4.529	4.529	(0.711)	107594	50.0000	45.9	7470
	30 Vinyl Acetate	43	4.777	4.777	(0.750)	78787	10.0000	9.45	
	31 cis-1,2-Dichloroethene	61	5.083	5.083	(0.798)	41287	10.0000	9.79	7603
	33 2,2-Dichloropropane	77	5.194	5.194	(0.815)	34618	10.0000	10.0	6568
	35 Cyclohexane	56	5.279	5.279	(0.829)	44472	10.0000	10.0	6263
	37 Bromochloromethane	128	5.295	5.295	(0.831)	12874	10.0000	9.90	7310
	39 Chloroform +	83	5.384	5.384	(0.845)	49381	10.0000	10.2	9099
	42 Carbon Tetrachloride	117	5.511	5.511	(0.865)	24629	10.0000	10.4	8523
$	44 Dibromofluoromethane	111	5.569	5.569	(0.874)	32225	10.0000	10.4	5988
	45 1,1,1-Trichloroethane	97	5.585	5.585	(0.877)	34749	10.0000	10.0	9205
	46 2-Butanone	43	5.717	5.717	(0.897)	77699	10.0000	7.79	
	47 1,1-Dichloropropene	75	5.706	5.706	(0.896)	30753	10.0000	9.58	8273
	53 Benzene	78	5.960	5.960	(0.935)	92453	10.0000	10.0	8428
$	54 1,2-Dichloroethane-d4	67	6.097	6.097	(0.957)	21174	10.0000	9.94	9514
	55 1,2-Dichloroethane	62	6.166	6.166	(0.968)	49000	10.0000	9.90	8582
*	58 FLUOROBENZENE	96	6.371	6.371	(1.000)	466150	50.0000		9339
	59 Methyl cyclohexane	83	6.509	6.509	(1.022)	32467	10.0000	9.61	9083
	60 Trichloroethene	130	6.530	6.530	(1.025)	21751	10.0000	9.67	8512
	62 Dibromomethane	93	6.920	6.920	(1.086)	23283	10.0000	9.89	8902
	64 1,2-Dichloropropane +	63	7.010	7.010	(1.100)	30716	10.0000	10.0	8944
M	65 Total 1,2-Dichloroethene	61				80384	20.0000	20.0	0
	67 Bromodichloromethane	83	7.079	7.079	(1.111)	40674	10.0000	10.8	8978
	71 1-Bromo-2-chloroethane	144	7.506	7.506	(1.178)	4449	10.0000	9.64	8866
	72 2-Chloroethyl vinyl ether	63	7.596	7.596	(1.192)	16135	10.0000	10.0	2215
	74 cis-1,3-Dichloropropene	75	7.643	7.643	(1.200)	45233	10.0000	10.6	
M	75 1-3 Dichloropropene-Total	100				91906	20.0000	21.2	0
$	76 Toluene-d8	98	7.802	7.802	(0.854)	76517	10.0000	10.4	9082
	77 Toluene +	91	7.849	7.849	(0.859)	90288	10.0000	10.1	9101
	80 Tetrachloroethene	164	8.182	8.182	(0.895)	16754	10.0000	12.0	8874
	81 4-methyl-2-pentanone	43	8.182	8.182	(0.895)	89865	10.0000	9.66	
	82 trans-1,3-Dichloropropene	75	8.214	8.214	(0.899)	46673	10.0000	10.6	
	83 1,1,2-Trichloroethane	97	8.356	8.356	(0.914)	26923	10.0000	10.1	9022
	85 Dibromochloromethane	129	8.504	8.504	(0.931)	28953	10.0000	10.8	8393
	86 1,3-Dichloropropane	76	8.583	8.583	(0.939)	46960	10.0000	10.3	8859
	87 1,2-Dibromoethane(EDB)	107	8.710	8.710	(0.953)	30841	10.0000	10.1	8474
	88 2-Hexanone	43	8.900	8.900	(0.974)	74030	10.0000	10.0	8210
	89 1-Chlorohexane	91	9.127	9.127	(0.999)	33198	10.0000	11.2	4402
*	90 Chlorobenzene-d5	82	9.137	9.137	(1.000)	192253	50.0000		8865
	91 Chlorobenzene ++	112	9.153	9.153	(1.002)	60390	10.0000	9.78	6373
	92 Ethylbenzene +	91	9.169	9.169	(1.003)	108297	10.0000	10.2	7741(M)
	93 1,1,1,2-Tetrachloroethane	133	9.201	9.201	(1.007)	21656	10.0000	10.6	8270
	95 p,m-Xylene	106	9.290	9.290	(1.017)	72421	20.0000	21.1	9311

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.655	9.655	(1.057)	35619	10.0000	11.0	
99 Styrene	104	9.702	9.702	(1.062)	60036	10.0000	11.2	8897
100 Bromoform ++	173	9.734	9.734	(1.065)	20978	10.0000	10.1	7891
101 Isopropylbenzene	105	9.918	9.918	(1.085)	79668	10.0000	10.3	8986
$ 103 Bromofluorobenzene	174	10.172	10.172	(1.113)	24296	10.0000	10.2	8650
104 Bromobenzene	77	10.267	10.267	(0.922)	47966	10.0000	9.98	6871
105 n-Propylbenzene	91	10.272	10.272	(0.923)	108637	10.0000	10.4	7932
106 1,1,2,2-Tetrachloroethane++	83	10.335	10.335	(0.928)	43539	10.0000	10.1	3511
107 2-Chlorotoluene	91	10.420	10.420	(0.936)	73187	10.0000	9.64	8306(H)
108 1,3,5-Trimethylbenzene	105	10.430	10.430	(0.937)	73804	10.0000	10.7	
109 1,2,3-Trichloropropane	75	10.457	10.457	(0.939)	49782	10.0000	10.0	3987
110 trans-1,4-Dichloro-2-Butene	53	10.494	10.494	(0.943)	10288	10.0000	10.5	8747
111 4-Chlorotoluene	91	10.562	10.562	(0.949)	69178	10.0000	10.5	8966
112 tert-butylbenzene	91	10.705	10.705	(0.962)	42074	10.0000	10.7	8845
114 1,2,4-Trimethylbenzene	105	10.768	10.768	(0.967)	70647	10.0000	10.3	
116 sec-Butylbenzene	105	10.858	10.858	(0.975)	93735	10.0000	10.5	
117 p-Isopropyltoluene	119	10.974	10.974	(0.986)	69190	10.0000	10.6	7154
120 1,3-Dichlorobenzene	146	11.069	11.069	(0.994)	39121	10.0000	10.2	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.132	(1.000)	137287	50.0000		8874
122 1,4-Dichlorobenzene	146	11.148	11.148	(1.001)	43459	10.0000	10.0	
123 n-Butylbenzene	91	11.354	11.354	(1.020)	66428	10.0000	10.7	9064
M 124 TOTAL XYLENE	106				108040	30.0000	32.1	0
125 1,2-Dichlorobenzene	146	11.534	11.534	(1.036)	37852	10.0000	10.4	
126 1,2-Dibromo-3-Chloropropane	157	12.362	12.362	(1.110)	8150	10.0000	10.0	5839
127 Hexachlorobutadiene	225	13.133	13.133	(1.180)	13365	10.0000	11.0	8583
128 1,2,4-Trichlorobenzene	180	13.186	13.186	(1.184)	21145	10.0000	10.1	
129 Napthalene	128	13.576	13.576	(1.220)	46118	10.0000	10.0	6564
130 1,2,3-Trichlorobenzene	180	13.777	13.777	(1.238)	22463	10.0000	11.3	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

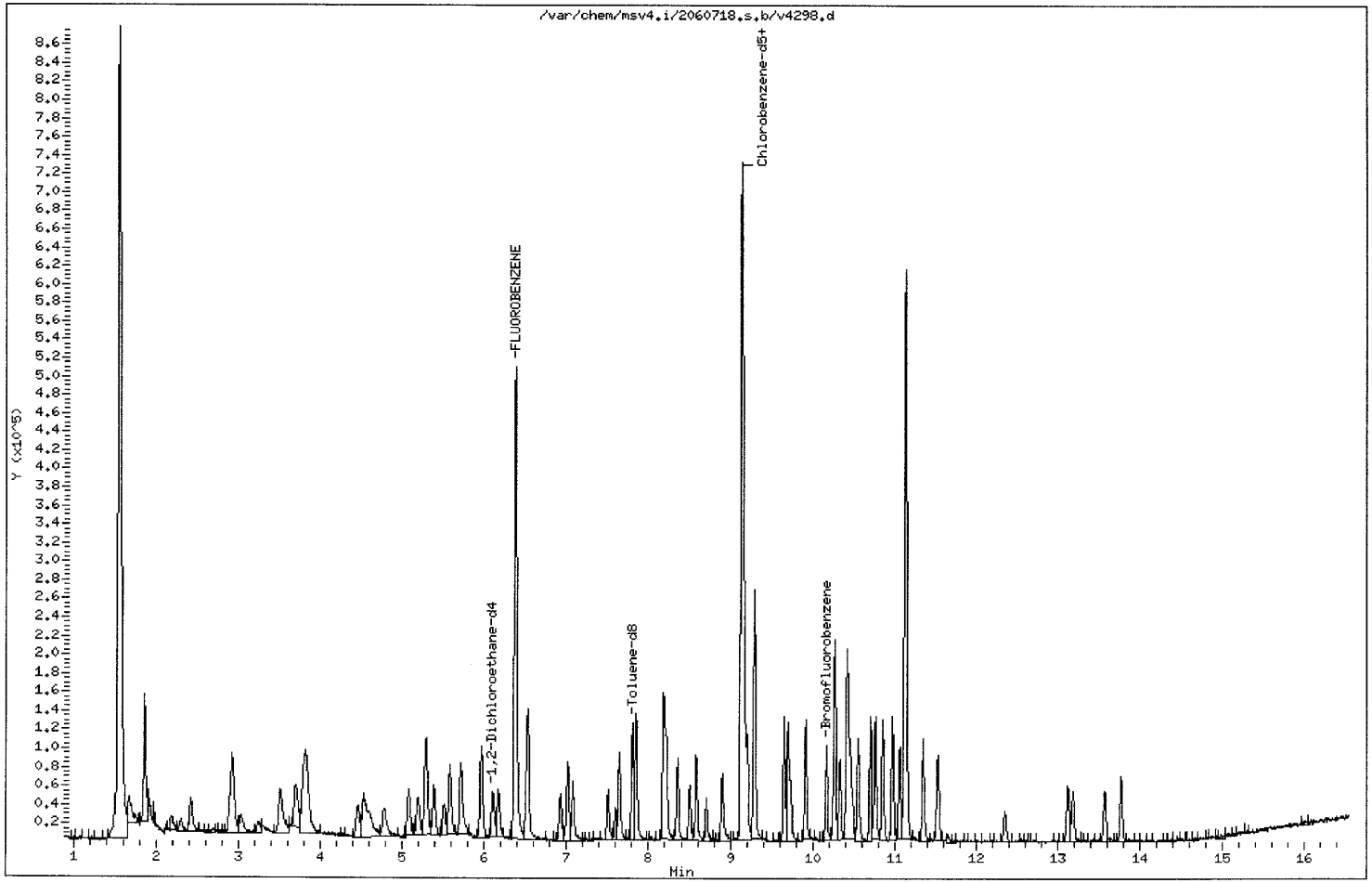
Data File: /var/chem/msv4.i/2060718.s.b/v4298.d
Date : 18-JUL-2006 09:44
Client ID: V4STD010
Sample Info: 1209*V4STD010*5-50-8

Column phase: DB-624-30M

Page 1

Instrument: msv4.i

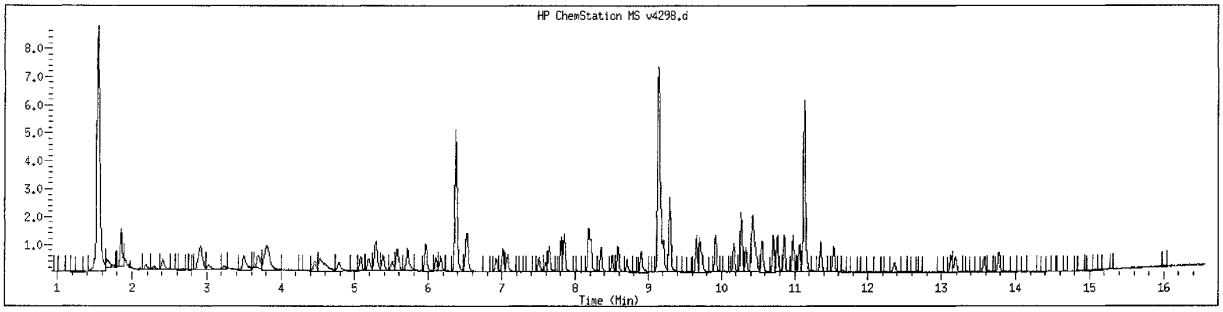
Operator: ABD
Column diameter: 0.53



Data file : /var/chem/msv4.i/2060718.s.b/v4298.d Page: 1
Report Date: 07/19/2006 16:10

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1207	SampleType	: CALIB_9
Injection Date	: 18-JUL-2006 09:44	Instrument	: msv4.i
Operator	: ABD		
Sample Info	: 1209*V4STD010*5-50-8		
Misc Info	: MSV~8707~*1*ABD		
Method	: /var/chem/msv4.i/2060718.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



Original Final

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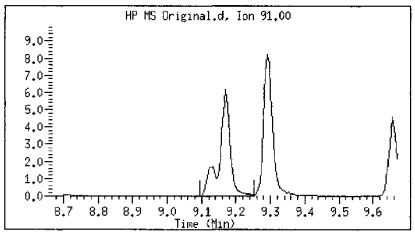
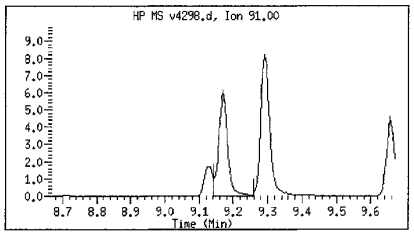
92 Ethylbenzene + CAS#: 100-41-4





GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4299.d
Lab Smp Id: 1202 Client Smp ID: V4STD020
Inj Date : 18-JUL-2006 10:09
Operator : ABD Inst ID: msv4.i
Smp Info : 1202*V4STD020*5-50-8
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Meth Date : 19-Jul-2006 16:10 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 10:09 Cal File: v4299.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.667	1.667	(0.262)	76733	20.0000	20.2	9369
2 Chloromethane ++	50	1.841	1.841	(0.289)	99338	20.0000	18.2	5969
3 Vinyl Chloride +	62	1.904	1.904	(0.299)	72213	20.0000	20.2	8837
5 Bromomethane	94	2.179	2.179	(0.342)	33770	20.0000	19.9	9091
7 Chloroethane	64	2.295	2.295	(0.360)	39437	20.0000	21.1	8672
8 Trichlorofluoromethane	101	2.416	2.416	(0.379)	68417	20.0000	18.7	9444
10 1,1-Dichloroethene +	96	2.891	2.891	(0.454)	34452	20.0000	18.6	7661
11 Carbon Disulfide	76	2.918	2.918	(0.458)	171080	20.0000	19.6	8275
12 1,1,2Trichlotrifluoroethane	101	2.939	2.939	(0.461)	50976	20.0000	19.8	8603
13 Methyl Iodide	142	3.028	3.028	(0.475)	53165	20.0000	22.2	7531
14 Acrolein	56	3.234	3.234	(0.508)	56325	100.000	102	3939(MH)
15 Methylene Chloride	49	3.503	3.503	(0.550)	108098	20.0000	20.0	8563
17 Acetone	43	3.562	3.562	(0.559)	46144	20.0000	19.2	6396

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.688	3.688	(0.579)	75169	20.0000	20.2	7179
	19 Methyl Acetate	43	3.715	3.715	(0.583)	79921	20.0000	16.6	6083
	20 Hexane	57	3.799	3.799	(0.596)	121146	20.0000	18.8	8803
	21 MTBE	73	3.825	3.825	(0.601)	184333	20.0000	20.6	6348
	26 1,1-Dichloroethane ++	63	4.459	4.459	(0.700)	96076	20.0000	19.9	9201
	27 Acrylonitrile	53	4.527	4.527	(0.711)	196044	100.000	89.7	6899
	30 Vinyl Acetate	43	4.781	4.781	(0.751)	154990	20.0000	19.4	
	31 cis-1,2-Dichloroethene	61	5.076	5.076	(0.797)	79341	20.0000	19.6	7477
	33 2,2-Dichloropropane	77	5.193	5.193	(0.815)	68740	20.0000	20.5	6494
	35 Cyclohexane	56	5.282	5.282	(0.829)	83578	20.0000	19.7	6101
	37 Bromochloromethane	128	5.288	5.288	(0.830)	26030	20.0000	20.6	7217
	39 Chloroform +	83	5.383	5.383	(0.845)	96495	20.0000	20.5	8911
	42 Carbon Tetrachloride	117	5.509	5.509	(0.865)	48247	20.0000	20.8	8638
$	44 Dibromofluoromethane	111	5.573	5.573	(0.875)	64008	20.0000	20.9	5715
	45 1,1,1-Trichloroethane	97	5.583	5.583	(0.877)	66499	20.0000	19.9	9405
	46 2-Butanone	43	5.705	5.705	(0.896)	129227	20.0000	15.1	
	47 1,1-Dichloropropene	75	5.710	5.710	(0.896)	60319	20.0000	19.6	8145
	53 Benzene	78	5.963	5.963	(0.936)	185238	20.0000	20.6	8288
$	54 1,2-Dichloroethane-d4	67	6.100	6.100	(0.958)	42794	20.0000	20.5	9350
	55 1,2-Dichloroethane	62	6.164	6.164	(0.968)	98460	20.0000	20.5	8366
*	58 FLUOROBENZENE	96	6.370	6.370	(1.000)	449855	50.0000		9319
	59 Methyl cyclohexane	83	6.517	6.517	(1.023)	68186	20.0000	20.7	8998
	60 Trichloroethene	130	6.533	6.533	(1.026)	44088	20.0000	20.2	8906
	62 Dibromomethane	93	6.919	6.919	(1.086)	46008	20.0000	20.2	8660
	64 1,2-Dichloropropane +	63	7.014	7.014	(1.101)	62534	20.0000	20.8	8884
M	65 Total 1,2-Dichloroethene	61				154510	40.0000	39.8	0
	67 Bromodichloromethane	83	7.077	7.077	(1.111)	80040	20.0000	21.5	9090
	71 1-Bromo-2-chloroethane	144	7.510	7.510	(1.179)	8410	20.0000	19.1	8926
	72 2-Chloroethyl vinyl ether	63	7.594	7.594	(1.192)	30998	20.0000	20.0	2359
	74 cis-1,3-Dichloropropene	75	7.642	7.642	(1.200)	90558	20.0000	21.5	
M	75 1-3 Dichloropropene-Total	100				179735	40.0000	42.2	0
$	76 Toluene-d8	98	7.805	7.805	(0.854)	154981	20.0000	20.4	9230
	77 Toluene +	91	7.848	7.848	(0.859)	175048	20.0000	19.4	9276
	80 Tetrachloroethene	164	8.185	8.185	(0.896)	31314	20.0000	21.5	8833
	81 4-methyl-2-pentanone	43	8.185	8.185	(0.896)	169142	20.0000	18.4	
	82 trans-1,3-Dichloropropene	75	8.212	8.212	(0.899)	89177	20.0000	19.9	
	83 1,1,2-Trichloroethane	97	8.349	8.349	(0.914)	52970	20.0000	19.6	9016
	85 Dibromochloromethane	129	8.507	8.507	(0.931)	57082	20.0000	20.6	8634
	86 1,3-Dichloropropane	76	8.587	8.587	(0.940)	94265	20.0000	20.3	8697
	87 1,2-Dibromoethane(EDB)	107	8.708	8.708	(0.953)	58690	20.0000	19.2	8343
	88 2-Hexanone	43	8.898	8.898	(0.974)	128352	20.0000	20.0	7920
	89 1-Chlorohexane	91	9.125	9.125	(0.999)	56353	20.0000	19.0	4329(M)
*	90 Chlorobenzene-d5	82	9.135	9.135	(1.000)	195462	50.0000		8338
	91 Chlorobenzene ++	112	9.151	9.151	(1.002)	124640	20.0000	19.9	7544
	92 Ethylbenzene +	91	9.167	9.167	(1.003)	219262	20.0000	20.2	7669(M)
	93 1,1,1,2-Tetrachloroethane	133	9.204	9.204	(1.008)	44465	20.0000	21.1	8071
	95 p,m-Xylene	106	9.289	9.289	(1.017)	147273	40.0000	41.7	9259(H)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.658	9.658	(1.057)	71137	20.0000	21.2	
99 Styrene	104	9.700	9.700	(1.062)	124945	20.0000	22.1	8782
100 Bromoform ++	173	9.732	9.732	(1.065)	42637	20.0000	20.2	8187
101 Isopropylbenzene	105	9.917	9.917	(1.085)	165346	20.0000	20.7	9109
$ 103 Bromofluorobenzene	174	10.170	10.170	(1.113)	49213	20.0000	20.2	8833
104 Bromobenzene	77	10.265	10.265	(0.922)	102706	20.0000	20.4	6818
105 n-Propylbenzene	91	10.270	10.270	(0.923)	226813	20.0000	20.6	7762
106 1,1,2,2-Tetrachloroethane++	83	10.334	10.334	(0.928)	85078	20.0000	19.1	3431
107 2-Chlorotoluene	91	10.418	10.418	(0.936)	154351	20.0000	19.6	8544(H)
108 1,3,5-Trimethylbenzene	105	10.429	10.429	(0.937)	152671	20.0000	20.9	
109 1,2,3-Trichloropropane	75	10.460	10.460	(0.940)	98300	20.0000	19.2	3855
110 trans-1,4-Dichloro-2-Butene	53	10.492	10.492	(0.943)	21204	20.0000	20.5	8941
111 4-Chlorotoluene	91	10.555	10.555	(0.948)	137771	20.0000	20.1	8906
112 tert-butylbenzene	91	10.708	10.708	(0.962)	87406	20.0000	21.0	8787
114 1,2,4-Trimethylbenzene	105	10.766	10.766	(0.967)	150498	20.0000	20.8	
116 sec-Butylbenzene	105	10.861	10.861	(0.976)	195183	20.0000	20.8	
117 p-Isopropyltoluene	119	10.978	10.978	(0.986)	150446	20.0000	21.6	7074
120 1,3-Dichlorobenzene	146	11.062	11.062	(0.994)	78471	20.0000	19.8	
* 121 1,4-DICHLOROBENZENE-D4	152	11.131	11.131	(1.000)	142932	50.0000		8591
122 1,4-Dichlorobenzene	146	11.141	11.141	(1.001)	86427	20.0000	19.3	
123 n-Butylbenzene	91	11.352	11.352	(1.020)	146246	20.0000	21.9	9134
M 124 TOTAL XYLENE	106				218410	60.0000	62.8	0
125 1,2-Dichlorobenzene	146	11.537	11.537	(1.036)	79811	20.0000	20.7	
126 1,2-Dibromo-3-Chloropropane	157	12.361	12.361	(1.110)	15244	20.0000	20.0	5533
127 Hexachlorobutadiene	225	13.126	13.126	(1.179)	26241	20.0000	20.6	8631
128 1,2,4-Trichlorobenzene	180	13.184	13.184	(1.184)	44806	20.0000	20.0	
129 Napthalene	128	13.575	13.575	(1.220)	96738	20.0000	20.0	6362
130 1,2,3-Trichlorobenzene	180	13.775	13.775	(1.238)	45061	20.0000	21.1	

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

000280

Data File: /var/chem/msv4.i/2060718.s.b/v4299.d

Page 1

Date : 18-JUL-2006 10:09

Client ID: W4STD020

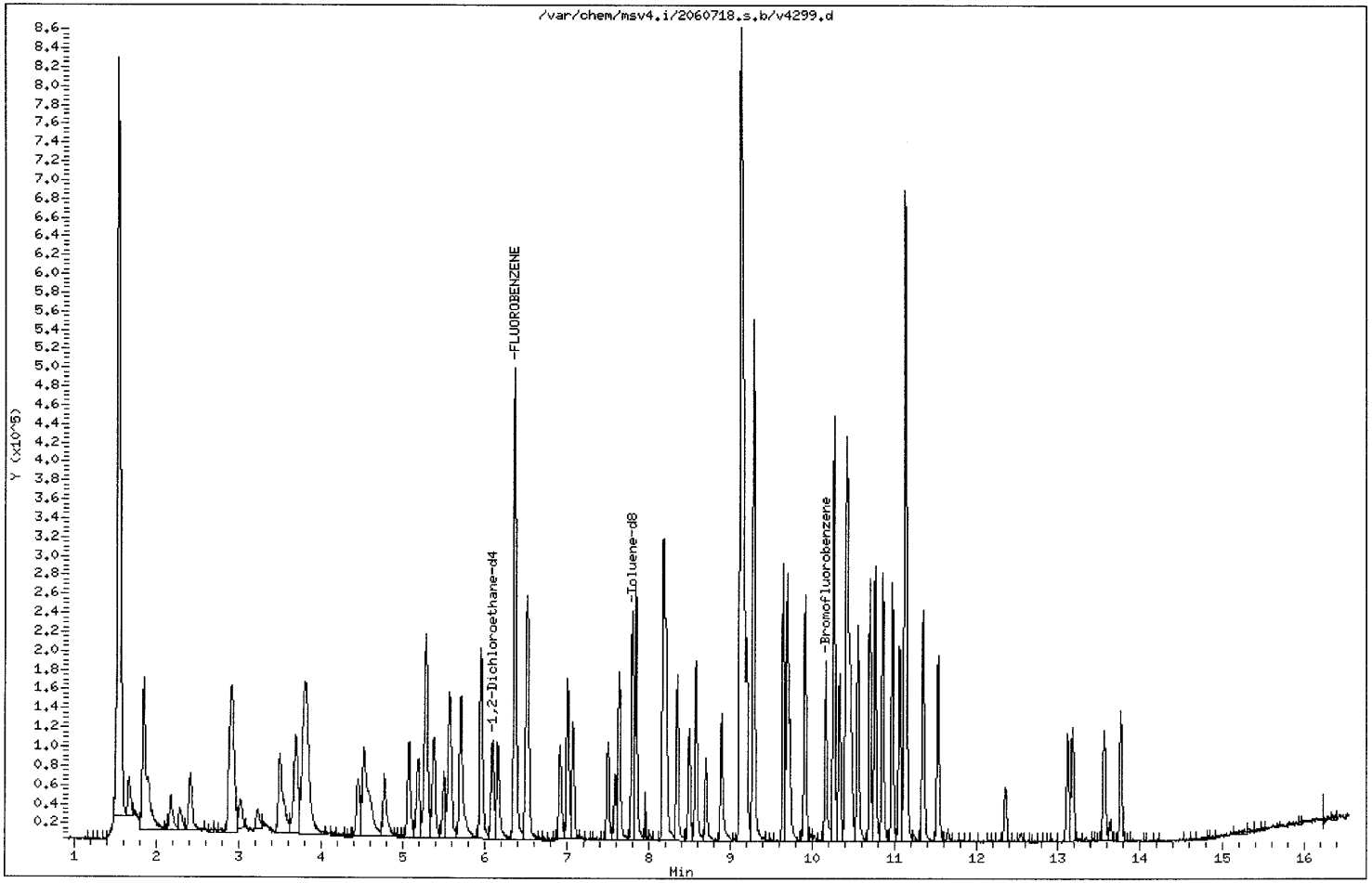
Instrument: msv4.i

Sample Info: 1202*W4STD020*5-50-8

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

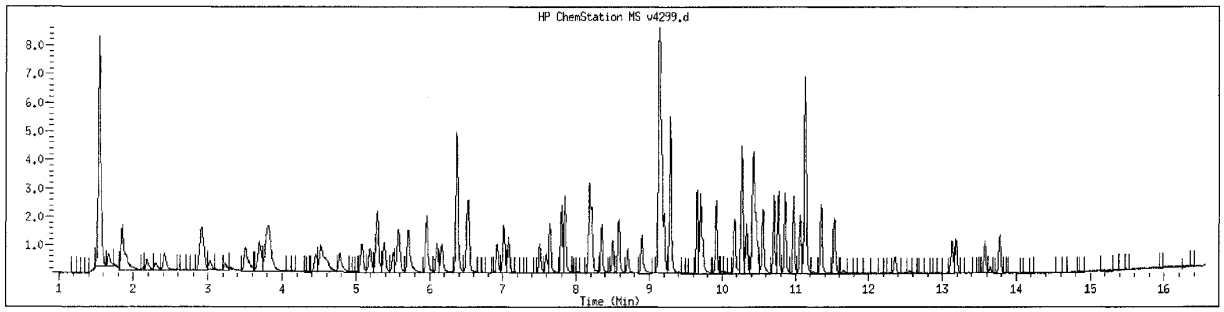


188252

Data file : /var/chem/msv4.i/2060718.s.b/v4299.d Page: 1
Report Date: 07/19/2006 16:10

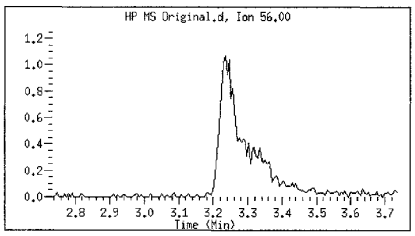
MANUAL INTEGRATION GRAPHIC REPORT

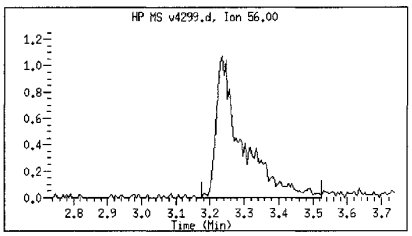
Lab ID	: 1202	SampleType	: CALIB_2
Injection Date	: 18-JUL-2006 10:09	Instrument	: msv4.i
Operator	: ABD		
Sample Info	: 1202*V4STD020*5-50-8		
Misc Info	: MSV~8707~*1*ABD		
Method	: /var/chem/msv4.i/2060718.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



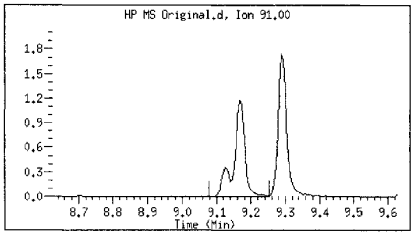
Original Final

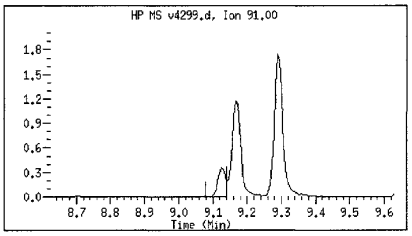
14 Acrolein CAS#: 107-02-8





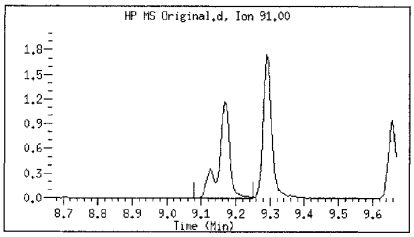
89 1-Chlorohexane CAS#: 544-10-5

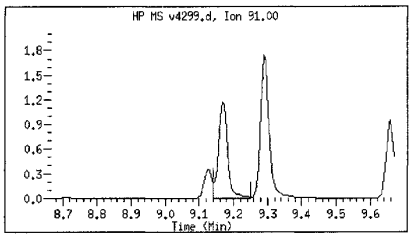




Original Final

92 Ethylbenzene + CAS#: 100-41-4





GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4300.d
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Inj Date : 18-JUL-2006 10:35
Operator : ABD Inst ID: msv4.i
Smp Info : 1203*V4STD050*5-50-8
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Meth Date : 19-Jul-2006 16:10 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 10:35 Cal File: v4300.d
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.669	1.669	(0.262)	197257	50.0000	50.1	8267
2 Chloromethane ++	50	1.838	1.838	(0.288)	227896	50.0000	42.4	8184
3 Vinyl Chloride +	62	1.907	1.907	(0.299)	176877	50.0000	48.3	8556
5 Bromomethane	94	2.186	2.186	(0.343)	81817	50.0000	47.2	9126
7 Chloroethane	64	2.297	2.297	(0.360)	92118	50.0000	48.1	8094
8 Trichlorofluoromethane	101	2.418	2.418	(0.380)	186132	50.0000	49.4	8953
10 1,1-Dichloroethene +	96	2.888	2.888	(0.453)	89818	50.0000	47.4	7337
11 Carbon Disulfide	76	2.920	2.920	(0.458)	437054	50.0000	48.7	8262
12 1,1,2Trichlotrifluoroethane	101	2.936	2.936	(0.461)	133603	50.0000	50.2	8855
13 Methyl Iodide	142	3.036	3.036	(0.476)	124671	50.0000	50.2	7367
14 Acrolein	56	3.247	3.247	(0.510)	197208	250.000	254	3163(A)
15 Methylene Chloride	49	3.506	3.506	(0.550)	242446	50.0000	50.0	8604
17 Acetone	43	3.580	3.580	(0.562)	115799	50.0000	49.5	6002

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.691	3.691	(0.579)	182500	50.0000	48.0	6912
	19 Methyl Acetate	43	3.722	3.722	(0.584)	224626	50.0000	46.3	5609(H)
	20 Hexane	57	3.801	3.801	(0.597)	309389	50.0000	47.1	8548
	21 MTBE	73	3.833	3.833	(0.602)	457979	50.0000	49.5	6255
	26 1,1-Dichloroethane ++	63	4.456	4.456	(0.699)	247999	50.0000	49.6	8851
	27 Acrylonitrile	53	4.540	4.540	(0.713)	817422	250.000	332	6539(A)
	30 Vinyl Acetate	43	4.783	4.783	(0.751)	461862	50.0000	54.7	
	31 cis-1,2-Dichloroethene	61	5.079	5.079	(0.797)	204909	50.0000	49.2	7325
	33 2,2-Dichloropropane	77	5.190	5.190	(0.814)	153591	50.0000	45.2	6426
	35 Cyclohexane	56	5.285	5.285	(0.829)	219150	50.0000	49.9	6062
	37 Bromochloromethane	128	5.295	5.295	(0.831)	71294	50.0000	53.4	7195
	39 Chloroform +	83	5.385	5.385	(0.845)	245123	50.0000	50.3	8932
	42 Carbon Tetrachloride	117	5.506	5.506	(0.864)	134400	50.0000	54.7	8094
$	44 Dibromofluoromethane	111	5.570	5.570	(0.874)	166663	50.0000	51.8	5620
	45 1,1,1-Trichloroethane	97	5.580	5.580	(0.876)	168255	50.0000	48.9	9529
	46 2-Butanone	43	5.712	5.712	(0.896)	429007	50.0000	48.8	
	47 1,1-Dichloropropene	75	5.712	5.712	(0.896)	161885	50.0000	50.6	8291
	53 Benzene	78	5.960	5.960	(0.935)	470875	50.0000	50.6	8348
$	54 1,2-Dichloroethane-d4	67	6.103	6.103	(0.958)	108290	50.0000	50.2	9478
	55 1,2-Dichloroethane	62	6.166	6.166	(0.968)	255917	50.0000	51.1	8345
*	58 FLUOROBENZENE	96	6.372	6.372	(1.000)	465563	50.0000		9297
	59 Methyl cyclohexane	83	6.514	6.514	(1.022)	173249	50.0000	50.6	9153
	60 Trichloroethene	130	6.530	6.530	(1.025)	118742	50.0000	52.1	8670
	62 Dibromomethane	93	6.921	6.921	(1.086)	126013	50.0000	52.7	8709
	64 1,2-Dichloropropane +	63	7.011	7.011	(1.100)	154564	50.0000	49.8	8930
M	65 Total 1,2-Dichloroethene	61				387409	100.000	97.2	0
	67 Bromodichloromethane	83	7.079	7.079	(1.111)	209399	50.0000	53.3	9064
	71 1-Bromo-2-chloroethane	144	7.502	7.502	(1.177)	24005	50.0000	52.2	8683
	72 2-Chloroethyl vinyl ether	63	7.591	7.591	(1.191)	102853	50.0000	50.0	2198
	74 cis-1,3-Dichloropropene	75	7.644	7.644	(1.200)	251249	50.0000	55.9	
M	75 1-3 Dichloropropene-Total	100				509787	100.000	112	0
$	76 Toluene-d8	98	7.802	7.802	(0.854)	408729	50.0000	52.0	9311
	77 Toluene +	91	7.850	7.850	(0.860)	471846	50.0000	50.9	9317
	80 Tetrachloroethene	164	8.182	8.182	(0.896)	83245	50.0000	54.6	8790
	81 4-methyl-2-pentanone	43	8.188	8.188	(0.897)	642841	50.0000	63.7	
	82 trans-1,3-Dichloropropene	75	8.214	8.214	(0.899)	258538	50.0000	55.1	
	83 1,1,2-Trichloroethane	97	8.351	8.351	(0.914)	156310	50.0000	55.1	8979
	85 Dibromochloromethane	129	8.504	8.504	(0.931)	168087	50.0000	57.3	8467
	86 1,3-Dichloropropane	76	8.589	8.589	(0.940)	271000	50.0000	55.5	8766
	87 1,2-Dibromoethane(EDB)	107	8.710	8.710	(0.954)	178786	50.0000	55.6	8257
	88 2-Hexanone	43	8.900	8.900	(0.975)	546193	50.0000	50.0	7745
	89 1-Chlorohexane	91	9.127	9.127	(0.999)	166992	50.0000	54.0	7334
*	90 Chlorobenzene-d5	82	9.133	9.133	(1.000)	199655	50.0000		6999
	91 Chlorobenzene ++	112	9.154	9.154	(1.002)	320797	50.0000	50.1	8666
	92 Ethylbenzene +	91	9.169	9.169	(1.004)	548459	50.0000	49.6	7284(M)
	93 1,1,1,2-Tetrachloroethane	133	9.206	9.206	(1.008)	117706	50.0000	53.7	7901
	95 p,m-Xylene	106	9.291	9.291	(1.017)	394002	100.000	107	9365

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.655	9.655	(1.057)	197763	50.0000	55.9	
99 Styrene	104	9.703	9.703	(1.062)	352347	50.0000	58.5	8772
100 Bromoform ++	173	9.734	9.734	(1.066)	145765	50.0000	63.2	8241
101 Isopropylbenzene	105	9.919	9.919	(1.086)	461063	50.0000	55.1	9153
$ 103 Bromofluorobenzene	174	10.172	10.172	(1.114)	144729	50.0000	56.0	8833
104 Bromobenzene	77	10.262	10.262	(0.922)	271612	50.0000	47.3	6937
105 n-Propylbenzene	91	10.267	10.267	(0.923)	610720	50.0000	48.4	7709
106 1,1,2,2-Tetrachloroethane++	83	10.336	10.336	(0.929)	278569	50.0000	53.3	3288
107 2-Chlorotoluene	91	10.415	10.415	(0.936)	436730	50.0000	48.5	8755(H)
108 1,3,5-Trimethylbenzene	105	10.431	10.431	(0.937)	419604	50.0000	49.7	
109 1,2,3-Trichloropropane	75	10.457	10.457	(0.940)	337475	50.0000	55.6	3897
110 trans-1,4-Dichloro-2-Butene	53	10.484	10.484	(0.942)	70080	50.0000	56.7	9150
111 4-Chlorotoluene	91	10.558	10.558	(0.949)	386814	50.0000	48.7	9145
112 tert-butylbenzene	91	10.705	10.705	(0.962)	236117	50.0000	49.3	9038
114 1,2,4-Trimethylbenzene	105	10.769	10.769	(0.968)	423979	50.0000	50.7	
116 sec-Butylbenzene	105	10.859	10.859	(0.976)	540712	50.0000	49.9	
117 p-Isopropyltoluene	119	10.975	10.975	(0.986)	426415	50.0000	52.4	7021
120 1,3-Dichlorobenzene	146	11.064	11.064	(0.994)	226072	50.0000	49.4	
* 121 1,4-DICHLOROBENZENE-D4	152	11.128	11.128	(1.000)	165179	50.0000		7986
122 1,4-Dichlorobenzene	146	11.144	11.144	(1.001)	252506	50.0000	49.1	
123 n-Butylbenzene	91	11.349	11.349	(1.020)	429631	50.0000	54.4	9168
M 124 TOTAL XYLENE	106				591765	150.000	163	0
125 1,2-Dichlorobenzene	146	11.529	11.529	(1.036)	239994	50.0000	53.1	
126 1,2-Dibromo-3-Chloropropane	157	12.358	12.358	(1.111)	75152	50.0000	50.0	5314
127 Hexachlorobutadiene	225	13.128	13.128	(1.180)	76572	50.0000	51.6	8798
128 1,2,4-Trichlorobenzene	180	13.186	13.186	(1.185)	150258	50.0000	50.5	
129 Napthalene	128	13.572	13.572	(1.220)	474222	50.0000	50.0	6177
130 1,2,3-Trichlorobenzene	180	13.777	13.777	(1.238)	162162	50.0000	61.0	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

000286

Data File: /var/chem/msv4.i/2060718.s.b/v4300.d

Page 1

Date : 18-JUL-2006 10:35

Client ID: V4STD050

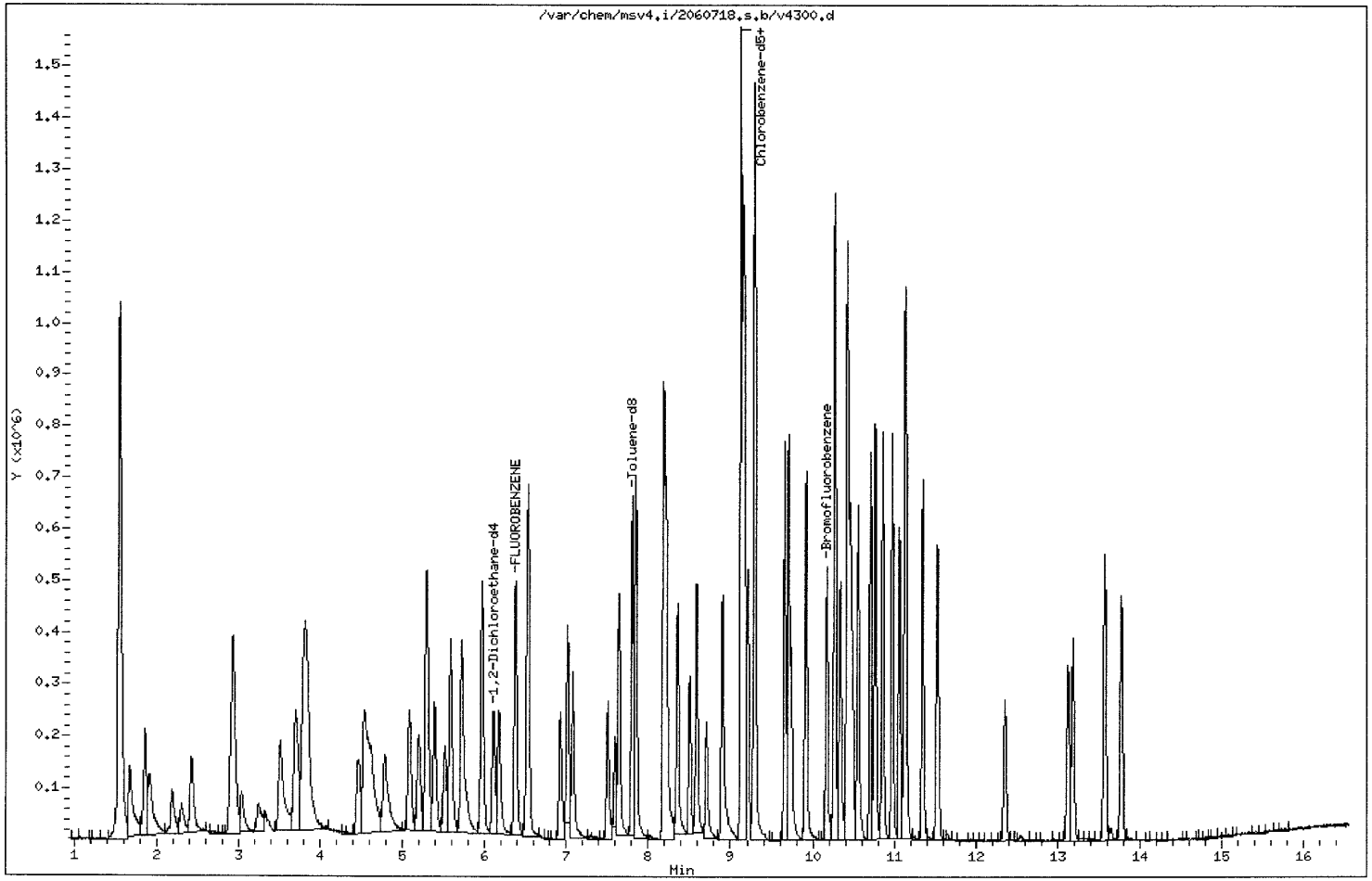
Instrument: msv4.i

Sample Info: 1203*V4STD050*5-50-8

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

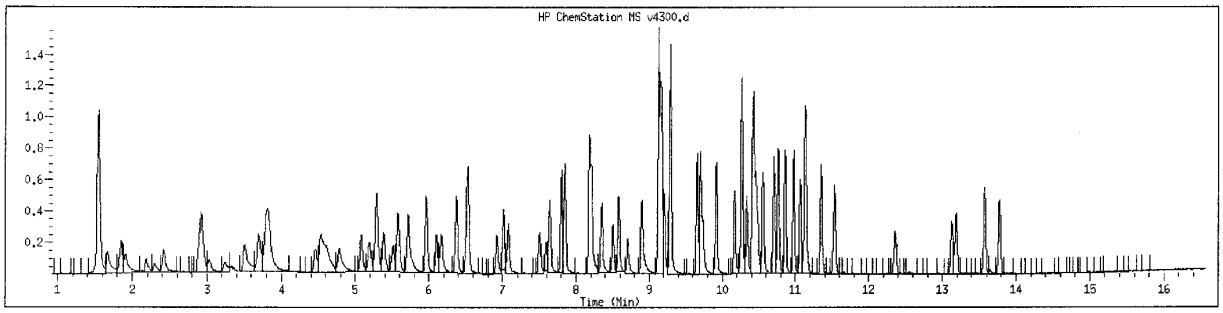


188258

Data file : /var/chem/msv4.i/2060718.s.b/v4300.d Page: 1
Report Date: 07/19/2006 16:10

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1203	SampleType	: CALIB_3
Injection Date	: 18-JUL-2006 10:35	Instrument	: msv4.i
Operator	: ABD		
Sample Info	: 1203*V4STD050*5-50-8		
Misc Info	: MSV~8707~*1*ABD		
Method	: /var/chem/msv4.i/2060718.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



Original Final

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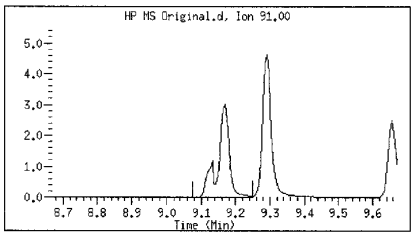
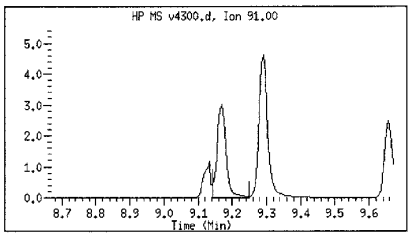
92 Ethylbenzene + CAS#: 100-41-4





000287

188259

GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4301.d
Lab Smp Id: 1204 Client Smp ID: V4STD100
Inj Date : 18-JUL-2006 11:00
Operator : ABD Inst ID: msv4.i
Smp Info : 1204*V4STD100*5-50-8
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Meth Date : 19-Jul-2006 16:10 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:00 Cal File: v4301.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.667	1.667	(0.262)	370300	100.000	94.7	7489
2 Chloromethane ++	50	1.836	1.836	(0.288)	428100	100.000	82.8	8302
3 Vinyl Chloride +	62	1.905	1.905	(0.299)	338937	100.000	93.4	7695
5 Bromomethane	94	2.184	2.184	(0.343)	201311	100.000	113	8701
7 Chloroethane	64	2.295	2.295	(0.360)	179415	100.000	94.4	7454
8 Trichlorofluoromethane	101	2.417	2.417	(0.379)	347937	100.000	93.3	8669
10 1,1-Dichloroethene +	96	2.897	2.897	(0.455)	172194	100.000	91.9	8327
11 Carbon Disulfide	76	2.918	2.918	(0.458)	795606	100.000	90.1	8150
12 1,1,2Trichlotrifluoroethane	101	2.934	2.934	(0.461)	237644	100.000	90.6	8975
13 Methyl Iodide	142	3.029	3.029	(0.475)	283012	100.000	111	6785
14 Acrolein	56	3.235	3.235	(0.508)	319303	500.000	475	2996(A)
15 Methylene Chloride	49	3.499	3.499	(0.549)	467078	100.000	100	8400
17 Acetone	43	3.567	3.567	(0.560)	203703	100.000	97.2	5421

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.689	3.689	(0.579)	355668	100.000	94.2	6702
	19 Methyl Acetate	43	3.715	3.715	(0.583)	460824	100.000	95.6	5271(H)
	20 Hexane	57	3.800	3.800	(0.596)	576559	100.000	89.3	8620
	21 MTBE	73	3.831	3.831	(0.601)	943827	100.000	101	6157
	26 1,1-Dichloroethane ++	63	4.454	4.454	(0.699)	466016	100.000	94.0	8597
	27 Acrylonitrile	53	4.528	4.528	(0.711)	1163882	500.000	475	6339(A)
	30 Vinyl Acetate	43	4.776	4.776	(0.750)	914821	100.000	106	
	31 cis-1,2-Dichloroethene	61	5.077	5.077	(0.797)	390048	100.000	94.3	7181
	33 2,2-Dichloropropane	77	5.193	5.193	(0.815)	313287	100.000	93.1	6358
	35 Cyclohexane	56	5.283	5.283	(0.829)	402107	100.000	92.5	6008
	37 Bromochloromethane	128	5.288	5.288	(0.830)	141240	100.000	105	7147
	39 Chloroform +	83	5.378	5.378	(0.844)	474871	100.000	97.5	8810
	42 Carbon Tetrachloride	117	5.504	5.504	(0.864)	245676	100.000	99.7	7978
$	44 Dibromofluoromethane	111	5.573	5.573	(0.875)	323844	100.000	100	5525
	45 1,1,1-Trichloroethane	97	5.578	5.578	(0.876)	313997	100.000	92.2	9509
	46 2-Butanone	43	5.710	5.710	(0.896)	593328	100.000	71.9	
	47 1,1-Dichloropropene	75	5.710	5.710	(0.896)	298758	100.000	94.2	8218
	53 Benzene	78	5.958	5.958	(0.935)	884270	100.000	95.4	8299
$	54 1,2-Dichloroethane-d4	67	6.101	6.101	(0.958)	218149	100.000	101	9430
	55 1,2-Dichloroethane	62	6.164	6.164	(0.968)	487532	100.000	97.5	8237
*	58 FLUOROBENZENE	96	6.370	6.370	(1.000)	467353	50.0000		9334
	59 Methyl cyclohexane	83	6.513	6.513	(1.022)	322085	100.000	94.7	9118
	60 Trichloroethene	130	6.528	6.528	(1.025)	216700	100.000	95.6	8729
	62 Dibromomethane	93	6.919	6.919	(1.086)	236875	100.000	98.9	8574
	64 1,2-Dichloropropane +	63	7.014	7.014	(1.101)	300913	100.000	97.1	9039
M	65 Total 1,2-Dichloroethene	61				745716	200.000	189	0
	67 Bromodichloromethane	83	7.077	7.077	(1.111)	405015	100.000	102	9004
	71 1-Bromo-2-chloroethane	144	7.500	7.500	(1.177)	46951	100.000	101	8616
	72 2-Chloroethyl vinyl ether	63	7.595	7.595	(1.192)	227368	100.000	99.9	2168
	74 cis-1,3-Dichloropropene	75	7.642	7.642	(1.200)	483811	100.000	106	
M	75 1-3 Dichloropropene-Total	100				979530	200.000	212	0(A)
$	76 Toluene-d8	98	7.801	7.801	(0.854)	782937	100.000	99.1	9275
	77 Toluene +	91	7.848	7.848	(0.859)	906154	100.000	97.5	9319
	80 Tetrachloroethene	164	8.181	8.181	(0.895)	162416	100.000	105	8837
	81 4-methyl-2-pentanone	43	8.186	8.186	(0.896)	999693	100.000	98.5	
	82 trans-1,3-Dichloropropene	75	8.212	8.212	(0.899)	495719	100.000	104	
	83 1,1,2-Trichloroethane	97	8.349	8.349	(0.914)	278409	100.000	97.8	9003
	85 Dibromochloromethane	129	8.503	8.503	(0.931)	319450	100.000	107	8546
	86 1,3-Dichloropropane	76	8.587	8.587	(0.940)	491138	100.000	99.8	8684
	87 1,2-Dibromoethane(EDB)	107	8.708	8.708	(0.953)	328349	100.000	101	8114
	88 2-Hexanone	43	8.893	8.893	(0.973)	808269	100.000	98.1	7710
	89 1-Chlorohexane	91	9.125	9.125	(0.999)	265715	100.000	87.4	8482
*	90 Chlorobenzene-d5	82	9.136	9.136	(1.000)	201256	50.0000		6174
	91 Chlorobenzene ++	112	9.152	9.152	(1.002)	625233	100.000	97.4	8468
	92 Ethylbenzene +	91	9.168	9.168	(1.003)	1031836	100.000	93.7	7131
	93 1,1,1,2-Tetrachloroethane	133	9.205	9.205	(1.008)	223397	100.000	101	7788
	95 p,m-Xylene	106	9.289	9.289	(1.017)	755467	200.000	203	9356(A)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.659	9.659	(1.057)	391049	100.000	108	
99 Styrene	104	9.701	9.701	(1.062)	703734	100.000	113	8716
100 Bromoform ++	173	9.732	9.732	(1.065)	268117	100.000	112	8178
101 Isopropylbenzene	105	9.917	9.917	(1.085)	897083	100.000	105	9183
$ 103 Bromofluorobenzene	174	10.171	10.171	(1.113)	280263	100.000	106	8920
104 Bromobenzene	77	10.260	10.260	(0.922)	536358	100.000	90.9	6849
105 n-Propylbenzene	91	10.271	10.271	(0.923)	1187950	100.000	91.6	8025
106 1,1,2,2-Tetrachloroethane++	83	10.334	10.334	(0.929)	506214	100.000	93.8	3210
107 2-Chlorotoluene	91	10.413	10.413	(0.936)	845370	100.000	91.3	8851(H)
108 1,3,5-Trimethylbenzene	105	10.429	10.429	(0.937)	813396	100.000	93.4	
109 1,2,3-Trichloropropane	75	10.461	10.461	(0.940)	577867	100.000	92.4	3659
110 trans-1,4-Dichloro-2-Butene	53	10.482	10.482	(0.942)	139609	100.000	107	9213
111 4-Chlorotoluene	91	10.556	10.556	(0.949)	757605	100.000	92.9	9019
112 tert-butylbenzene	91	10.709	10.709	(0.963)	461656	100.000	93.4	9056
114 1,2,4-Trimethylbenzene	105	10.767	10.767	(0.968)	830201	100.000	95.7	
116 sec-Butylbenzene	105	10.862	10.862	(0.976)	1043817	100.000	93.3	
117 p-Isopropyltoluene	119	10.973	10.973	(0.986)	824625	100.000	97.4	6991
120 1,3-Dichlorobenzene	146	11.068	11.068	(0.995)	438636	100.000	92.9	
* 121 1,4-DICHLOROBENZENE-D4	152	11.126	11.126	(1.000)	172725	50.0000		7436
122 1,4-Dichlorobenzene	146	11.142	11.142	(1.001)	483633	100.000	91.4	
123 n-Butylbenzene	91	11.353	11.353	(1.020)	827267	100.000	100	9217
M 124 TOTAL XYLENE	106				1146516	300.000	311	0
125 1,2-Dichlorobenzene	146	11.532	11.532	(1.037)	462201	100.000	98.2	
126 1,2-Dibromo-3-Chloropropane	157	12.361	12.361	(1.111)	113961	100.000	97.9	5280
127 Hexachlorobutadiene	225	13.132	13.132	(1.180)	146330	100.000	95.2	8784
128 1,2,4-Trichlorobenzene	180	13.184	13.184	(1.185)	298445	100.000	98.9	
129 Napthalene	128	13.575	13.575	(1.220)	854635	100.000	99.4	6134
130 1,2,3-Trichlorobenzene	180	13.776	13.776	(1.238)	298224	100.000	106	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

000291

Data File: /var/chem/msv4.i/2060718.s.b/v4301.d

Page 1

Date : 18-JUL-2006 11:00

Client ID: W4STD100

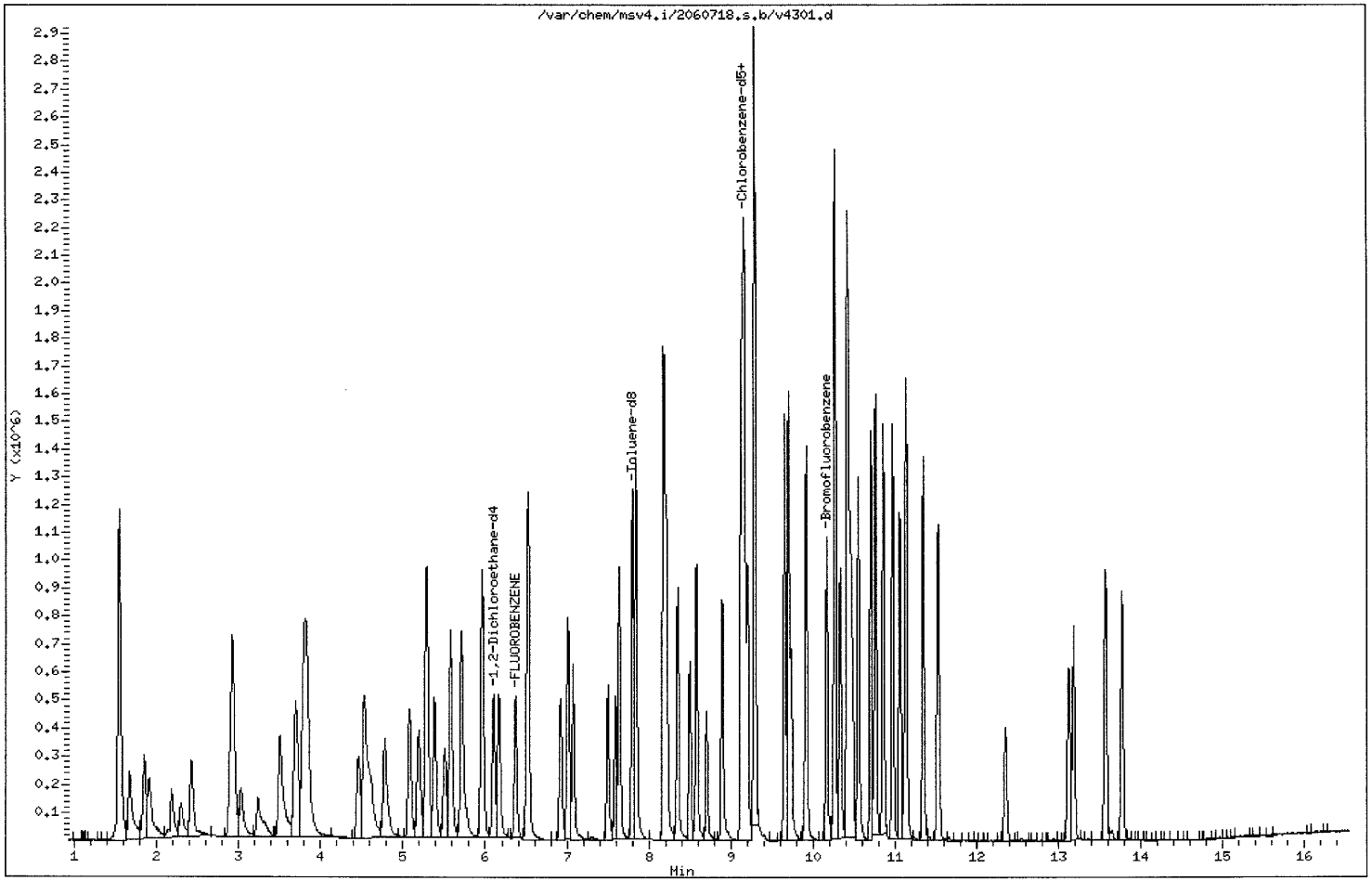
Instrument: msv4.i

Sample Info: 1204*W4STD100*5-50-8

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

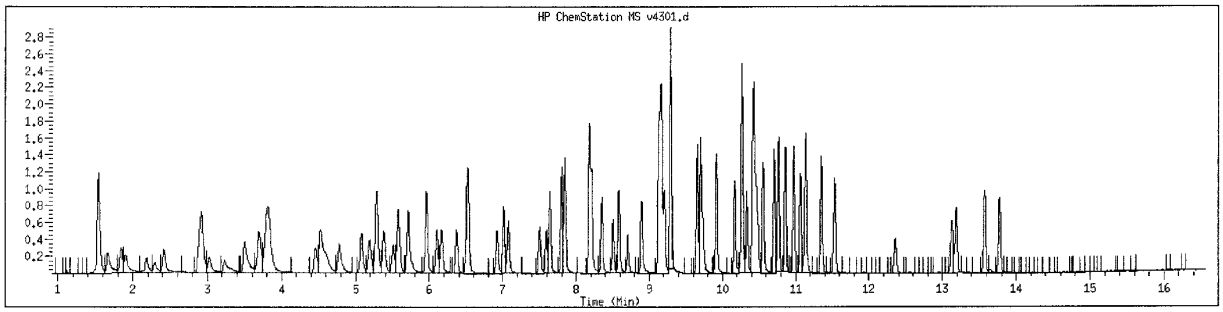


188263

Data file : /var/chem/msv4.i/2060718.s.b/v4301.d Page: 1
Report Date: 07/19/2006 16:10

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1204	SampleType	: CALIB_4
Injection Date	: 18-JUL-2006 11:00	Instrument	: msv4.i
Operator	: ABD		
Sample Info	: 1204*V4STD100*5-50-8		
Misc Info	: MSV~8707~*1*ABD		
Method	: /var/chem/msv4.i/2060718.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



NO MANUAL INTEGRATIONS

188264

GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4302.d
Lab Smp Id: 1205 Client Smp ID: V4STD200
Inj Date : 18-JUL-2006 11:26
Operator : ABD Inst ID: msv4.i
Smp Info : 1205*V4STD200*5-50-8
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Meth Date : 19-Jul-2006 16:10 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.669	1.669	(0.262)	775417	200.000	182	6959
2 Chloromethane ++	50	1.843	1.843	(0.289)	1058825	200.000	187	2738(M)
3 Vinyl Chloride +	62	1.906	1.906	(0.299)	734577	200.000	185	7158
5 Bromomethane	94	2.181	2.181	(0.342)	469452	200.000	231	0(AM)
7 Chloroethane	64	2.297	2.297	(0.360)	338885	200.000	165	7690
8 Trichlorofluoromethane	101	2.418	2.418	(0.380)	719836	200.000	177	8494
10 1,1-Dichloroethene +	96	2.888	2.888	(0.453)	335209	200.000	166	7220
11 Carbon Disulfide	76	2.914	2.914	(0.457)	1501592	200.000	159	0(M)
12 1,1,2Trichlotrifluoroethane	101	2.930	2.930	(0.460)	456735	200.000	162	9119
13 Methyl Iodide	142	3.031	3.031	(0.476)	544945	200.000	194	6641
14 Acrolein	56	3.236	3.236	(0.508)	758237	1000.00	1000	0(AM)
15 Methylene Chloride	49	3.500	3.500	(0.549)	822610	200.000	199	0(M)
17 Acetone	43	3.564	3.564	(0.559)	453160	200.000	199	5253

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.685	3.685	(0.578)	722194	200.000	176	6729
	19 Methyl Acetate	43	3.717	3.717	(0.583)	983050	200.000	186	5616(M)
	20 Hexane	57	3.791	3.791	(0.595)	1214831	200.000	173	0(M)
	21 MTBE	73	3.828	3.828	(0.601)	1993697	200.000	194	0(M)
	26 1,1-Dichloroethane ++	63	4.456	4.456	(0.699)	1001281	200.000	184	8637
	27 Acrylonitrile	53	4.530	4.530	(0.711)	3463516	1000.00	1230	0(AM)
	30 Vinyl Acetate	43	4.778	4.778	(0.750)	2068504	200.000	214	(AM)
	31 cis-1,2-Dichloroethene	61	5.073	5.073	(0.796)	828224	200.000	183	7210
	33 2,2-Dichloropropane	77	5.189	5.189	(0.814)	672414	200.000	183	6646
	35 Cyclohexane	56	5.279	5.279	(0.829)	885983	200.000	186	5997
	37 Bromochloromethane	128	5.284	5.284	(0.829)	326999	200.000	215	0(AM)
	39 Chloroform +	83	5.385	5.385	(0.845)	1034925	200.000	193	8875
	42 Carbon Tetrachloride	117	5.506	5.506	(0.864)	541816	200.000	199	8007
$	44 Dibromofluoromethane	111	5.569	5.569	(0.874)	696216	200.000	195	5512
	45 1,1,1-Trichloroethane	97	5.580	5.580	(0.876)	684851	200.000	184	9488
	46 2-Butanone	43	5.712	5.712	(0.896)	1788269	200.000	196	
	47 1,1-Dichloropropene	75	5.712	5.712	(0.896)	660516	200.000	189	8226
	53 Benzene	78	5.960	5.960	(0.935)	2005891	200.000	196	8298
$	54 1,2-Dichloroethane-d4	67	6.097	6.097	(0.957)	496444	200.000	205	9343(A)
	55 1,2-Dichloroethane	62	6.166	6.166	(0.968)	1110597	200.000	200	8256(A)
*	58 FLUOROBENZENE	96	6.372	6.372	(1.000)	518234	50.0000		9419
	59 Methyl cyclohexane	83	6.514	6.514	(1.022)	723316	200.000	193	9164
	60 Trichloroethene	130	6.530	6.530	(1.025)	526932	200.000	208	8852(A)
	62 Dibromomethane	93	6.921	6.921	(1.086)	554372	200.000	207	8578(A)
	64 1,2-Dichloropropane +	63	7.016	7.016	(1.101)	680128	200.000	198	9159
M	65 Total 1,2-Dichloroethene	61				1550418	400.000	359	0(A)
	67 Bromodichloromethane	83	7.079	7.079	(1.111)	888074	200.000	202	9172(A)
	71 1-Bromo-2-chloroethane	144	7.501	7.501	(1.177)	114880	200.000	220	8627(A)
	72 2-Chloroethyl vinyl ether	63	7.596	7.596	(1.192)	603945	200.000	200	2136(H)
	74 cis-1,3-Dichloropropene	75	7.644	7.644	(1.200)	1100987	200.000	215	(A)
M	75 1-3 Dichloropropene-Total	100				2224987	400.000	429	0(A)
$	76 Toluene-d8	98	7.802	7.802	(0.847)	1745572	200.000	191	9316
	77 Toluene +	91	7.850	7.850	(0.853)	1996941	200.000	186	9375
	80 Tetrachloroethene	164	8.182	8.182	(0.889)	366587	200.000	202	8878(A)
	81 4-methyl-2-pentanone	43	8.187	8.187	(0.889)	2737759	200.000	226	(A)
	82 trans-1,3-Dichloropropene	75	8.214	8.214	(0.892)	1124000	200.000	202	(A)
	83 1,1,2-Trichloroethane	97	8.351	8.351	(0.907)	676045	200.000	203	9068(A)
	85 Dibromochloromethane	129	8.504	8.504	(0.924)	766988	200.000	216	8642(A)
	86 1,3-Dichloropropane	76	8.583	8.583	(0.932)	1170485	200.000	203	8746(A)
	87 1,2-Dibromoethane(EDB)	107	8.710	8.710	(0.946)	809913	200.000	212	8097(A)
	88 2-Hexanone	43	8.900	8.900	(0.967)	2383500	200.000	201	7687(A)
	89 1-Chlorohexane	91	9.127	9.127	(0.991)	691764	200.000	196	9067
*	90 Chlorobenzene-d5	82	9.138	9.138	(1.000)	234771	50.0000		4654(H)
	91 Chlorobenzene ++	112	9.153	9.153	(0.994)	1429456	200.000	192	8210
	92 Ethylbenzene +	91	9.169	9.169	(0.996)	2337179	200.000	184	7054
	93 1,1,1,2-Tetrachloroethane	133	9.206	9.206	(1.000)	513440	200.000	199	7786
	95 p,m-Xylene	106	9.291	9.291	(1.009)	1745682	400.000	402	9432(A)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.660	9.660	(1.049)	901817	200.000	211	(A)
99 Styrene	104	9.702	9.702	(1.054)	1632163	200.000	221	8688(A)
100 Bromoform ++	173	9.739	9.739	(1.058)	666101	200.000	233	8184(A)
101 Isopropylbenzene	105	9.919	9.919	(1.077)	2008995	200.000	202	9198(A)
$ 103 Bromofluorobenzene	174	10.172	10.172	(1.105)	662427	200.000	212	8966(A)
104 Bromobenzene	77	10.267	10.267	(0.923)	1227671	200.000	185	6947
105 n-Propylbenzene	91	10.272	10.272	(0.923)	2688769	200.000	185	7993
106 1,1,2,2-Tetrachloroethane++	83	10.336	10.336	(0.929)	1208261	200.000	197	3120
107 2-Chlorotoluene	91	10.415	10.415	(0.936)	1891504	200.000	182	8894(H)
108 1,3,5-Trimethylbenzene	105	10.431	10.431	(0.937)	1887628	200.000	192	
109 1,2,3-Trichloropropane	75	10.457	10.457	(0.940)	1516719	200.000	211	3692(A)
110 trans-1,4-Dichloro-2-Butene	53	10.484	10.484	(0.942)	359314	200.000	235	9230(A)
111 4-Chlorotoluene	91	10.557	10.557	(0.949)	1729997	200.000	189	9062
112 tert-butylbenzene	91	10.710	10.710	(0.963)	1082912	200.000	194	9085
114 1,2,4-Trimethylbenzene	105	10.769	10.769	(0.968)	1914885	200.000	195	
116 sec-Butylbenzene	105	10.858	10.858	(0.976)	2399651	200.000	190	
117 p-Isopropyltoluene	119	10.974	10.974	(0.986)	1918779	200.000	199	6977
120 1,3-Dichlorobenzene	146	11.064	11.064	(0.994)	1045364	200.000	196	
* 121 1,4-DICHLOROBENZENE-D4	152	11.127	11.127	(1.000)	196369	50.0000		5997
122 1,4-Dichlorobenzene	146	11.143	11.143	(1.001)	1139686	200.000	191	
123 n-Butylbenzene	91	11.349	11.349	(1.020)	1912973	200.000	203	9198(A)
M 124 TOTAL XYLENE	106				2647499	600.000	614	0
125 1,2-Dichlorobenzene	146	11.534	11.534	(1.037)	1105538	200.000	206	(A)
126 1,2-Dibromo-3-Chloropropane	157	12.357	12.357	(1.111)	349196	200.000	201	5220(A)
127 Hexachlorobutadiene	225	13.128	13.128	(1.180)	349133	200.000	200	8815
128 1,2,4-Trichlorobenzene	180	13.186	13.186	(1.185)	704985	200.000	201	(A)
129 Napthalene	128	13.571	13.571	(1.220)	2301754	200.000	200	6115(A)
130 1,2,3-Trichlorobenzene	180	13.777	13.777	(1.238)	726047	200.000	221	(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

000296

Data File: /var/chem/msv4.i/2060718.s.b/v4302.d

Page 1

Date : 18-JUL-2006 11:26

Client ID: V4STD200

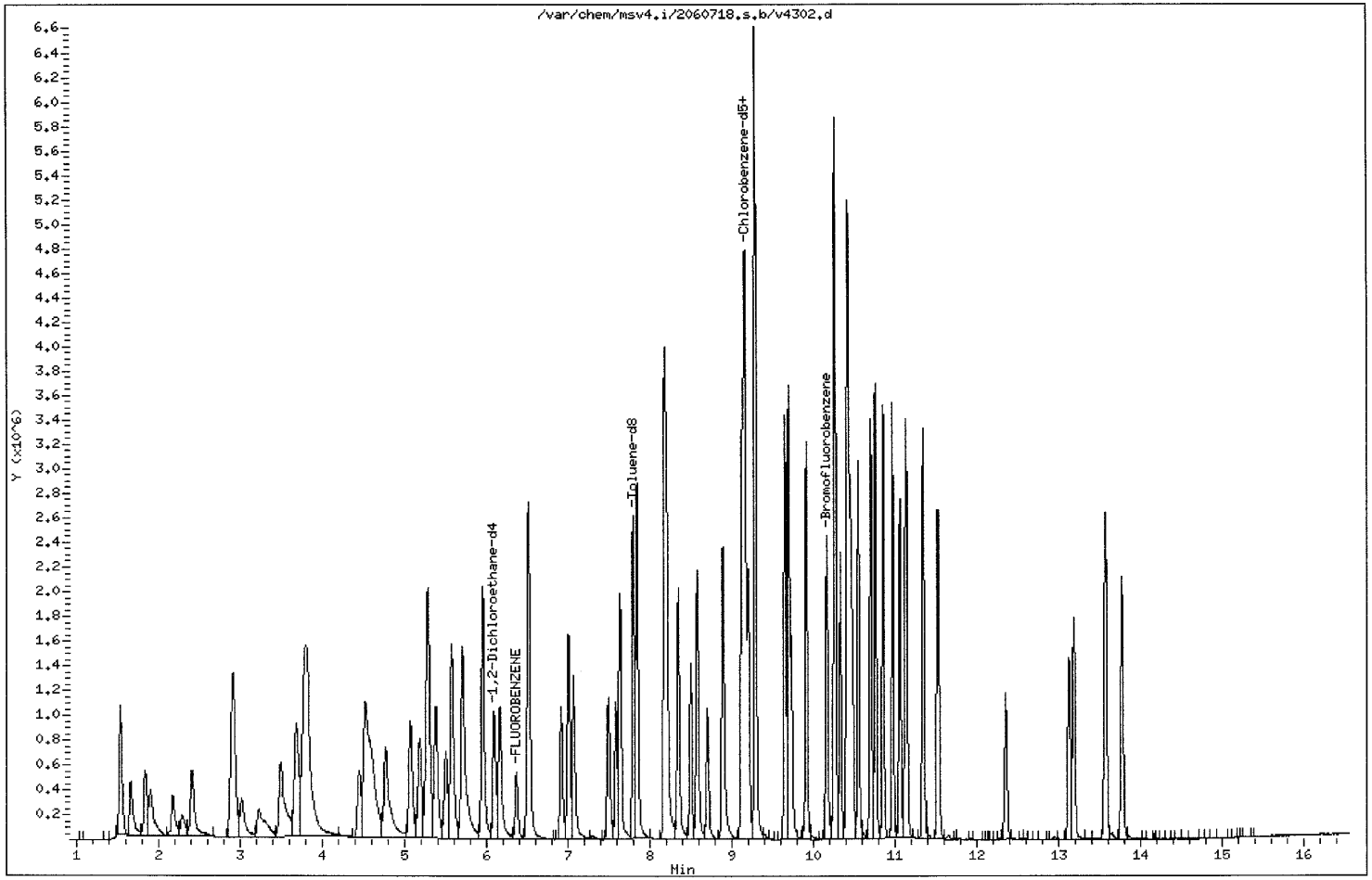
Instrument: msv4.i

Sample Info: 1205*V4STD200*5-50-8

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

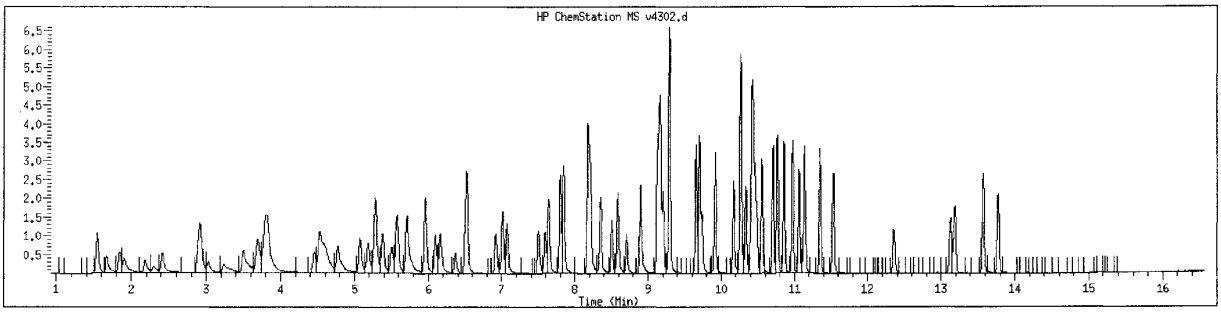


188268

Data file : /var/chem/msv4.i/2060718.s.b/v4302.d Page: 1
Report Date: 07/19/2006 16:10

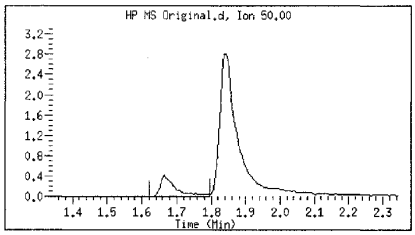
MANUAL INTEGRATION GRAPHIC REPORT

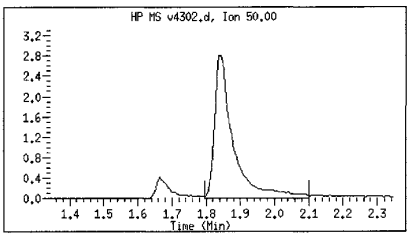
Lab ID : 1205 SampleType : CALIB_5
Injection Date: 18-JUL-2006 11:26 Instrument : msv4.i
Operator : ABD
Sample Info : 1205*V4STD200*5-50-8
Misc Info : MSV~8707~*1*ABD
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



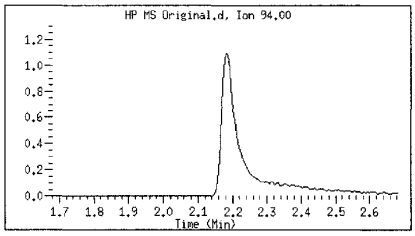
Original Final

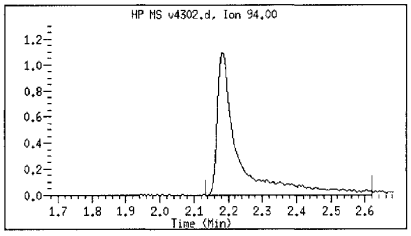
2 Chloromethane ++ CAS#: 74-87-3





5 Bromomethane CAS#: 74-83-9

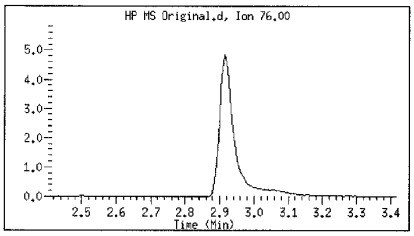


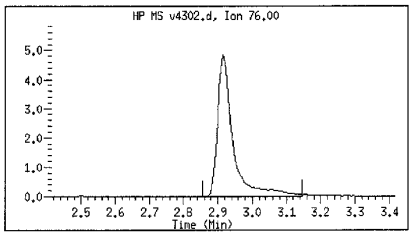


188269

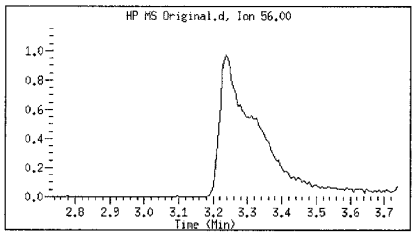
Original | Final

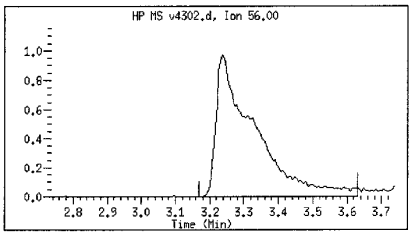
11 Carbon Disulfide CAS#: 75-15-0



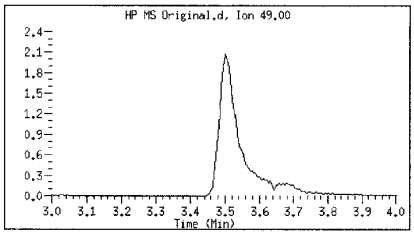


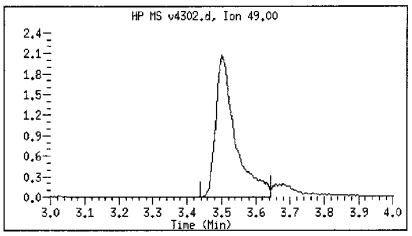
14 Acrolein CAS#: 107-02-8



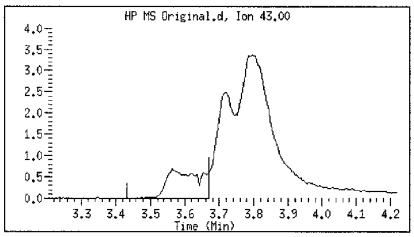


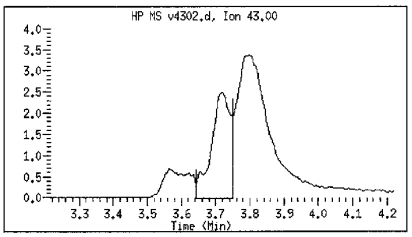
15 Methylene Chloride CAS#: 75-09-2



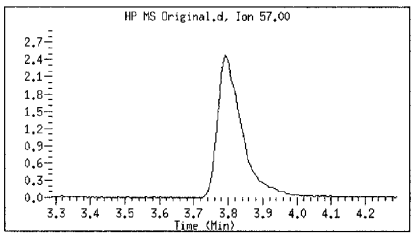


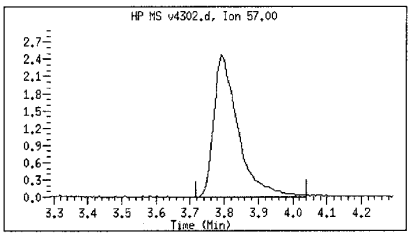
19 Methyl Acetate CAS#: 79-20-9





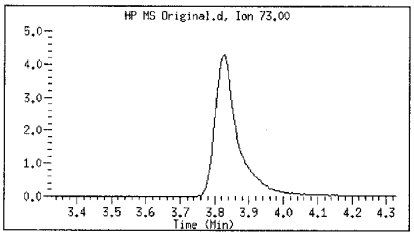
20 Hexane CAS#: 110-54-3

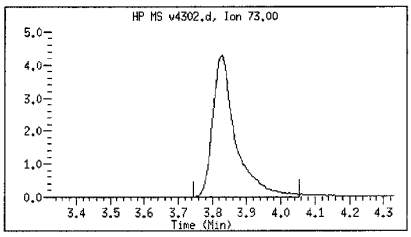




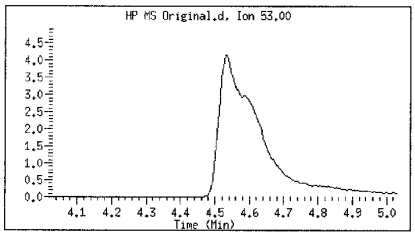
Original | Final

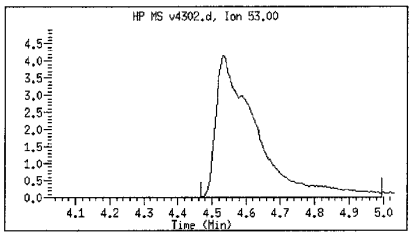
21 MTBE CAS#: 1634-04-4



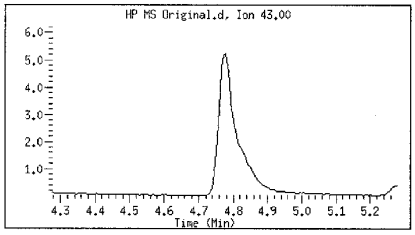


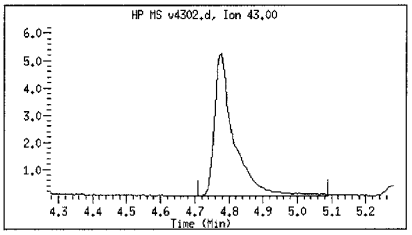
27 Acrylonitrile CAS#: 107-13-1



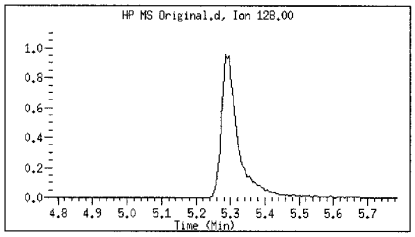


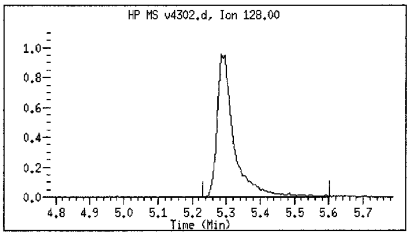
30 Vinyl Acetate CAS#: 108-05-4





37 Bromochloromethane CAS#: 74-97-5





Data file : /var/chem/msv4.i/2060718.s.b/v4304.d
Report Date: 08/04/2006 14:50

GCAL, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: 1600
Level: LOW
Data Type: MS DATA
SpikeList File: ICV.spk
Sublist File: 8260b.sub
Method File: /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Misc Info: MSV~8707~*1*ABD

Client SDG: 2060718.s
Fraction: VOA
Client Smp ID: 8260ICV
Operator: ABD
Sample Type: LCS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
1 Dichlorodifluoromethane	50.0	34.7	69.44*	75-125
2 Chloromethane ++	50.0	43.3	86.61	75-125
3 Vinyl Chloride +	50.0	48.7	97.32	75-125
5 Bromomethane	50.0	44.1	88.14	75-125
7 Chloroethane	50.0	49.6	99.24	75-125
8 Trichlorofluoromethane	50.0	58.3	116.56	75-125
10 1,1-Dichloroethene +	50.0	51.1	102.20	75-125
11 Carbon Disulfide	50.0	43.0	85.92	75-125
12 1,1,2Trichlotrifluoroethane	50.0	43.0	85.95	75-125
13 Methyl Iodide	50.0	52.1	104.26	75-125
14 Acrolein	250	200	80.12	75-125
15 Methylene Chloride	50.0	42.4	84.70	75-125
17 Acetone	50.0	41.0	81.99	75-125
18 trans-1,2-Dichloroethene	50.0	49.8	99.53	75-125
19 Methyl Acetate	50.0	34.4	68.85*	75-125
20 Hexane	50.0	47.3	94.60	75-125
21 MTBE	50.0	49.3	98.57	75-125
26 1,1-Dichloroethane ++	50.0	51.9	103.76	75-125
27 Acrylonitrile	250	312	124.72	75-125
30 Vinyl Acetate	50.0	49.8	99.61	75-125
31 cis-1,2-Dichloroethene	50.0	51.0	102.03	75-125
33 2,2-Dichloropropane	50.0	53.6	107.26	75-125
35 Cyclohexane	50.0	52.2	104.42	75-125
37 Bromochloromethane	50.0	55.8	111.67	75-125
39 Chloroform +	50.0	51.3	102.53	75-125
42 Carbon Tetrachloride	50.0	56.3	112.59	75-125
45 1,1,1-Trichloroethane	50.0	53.1	106.29	75-125
46 2-Butanone	50.0	48.2	96.32	75-125
47 1,1-Dichloropropene	50.0	54.4	108.76	75-125
53 Benzene	50.0	53.1	106.16	75-125

188272

Data file : /var/chem/msv4.i/2060718.s.b/v4304.d
Report Date: 08/04/2006 14:50

	SPIKE	COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	55	1,2-Dichloroethane	50.0	53.7	107.43	75-125
	59	Methyl cyclohexane	50.0	53.4	106.89	75-125
	60	Trichloroethene	50.0	57.5	114.96	75-125
	62	Dibromomethane	50.0	54.7	109.39	75-125
	64	1,2-Dichloropropane +	50.0	54.4	108.85	75-125
M	65	Total 1,2-Dichloroethene	100	101	100.84	75-125
	67	Bromodichloromethane	50.0	56.6	113.18	75-125
	72	2-Chloroethyl vinyl ether	50.0	56.4	112.78	75-125
	74	cis-1,3-Dichloropropene	50.0	57.3	114.68	75-125
	77	Toluene +	50.0	50.8	101.52	75-125
	80	Tetrachloroethene	50.0	52.7	105.46	75-125
	81	4-methyl-2-pentanone	50.0	56.2	112.45	75-125
	82	trans-1,3-Dichloropropene	50.0	52.2	104.32	75-125
	83	1,1,2-Trichloroethane	50.0	50.0	99.99	75-125
	85	Dibromochloromethane	50.0	52.5	105.07	75-125
	86	1,3-Dichloropropane	50.0	51.6	103.11	75-125
	87	1,2-Dibromoethane(EDB)	50.0	52.3	104.70	75-125
	88	2-Hexanone	50.0	56.4	112.82	75-125
	91	Chlorobenzene ++	50.0	49.3	98.51	75-125
	92	Ethylbenzene +	50.0	51.2	102.33	75-125
	93	1,1,1,2-Tetrachloroethane	50.0	51.5	103.05	75-125
	95	p,m-Xylene	100	105	105.30	75-125
	96	o-Xylene	50.0	54.0	108.00	75-125
	99	Styrene	50.0	56.2	112.37	75-125
	100	Bromoform ++	50.0	56.1	112.29	75-125
	101	Isopropylbenzene	50.0	54.5	108.93	75-125
	104	Bromobenzene	50.0	51.5	102.97	75-125
	105	n-Propylbenzene	50.0	54.2	108.42	75-125
	106	1,1,2,2-Tetrachloroethane++	50.0	52.0	104.04	75-125
	107	2-Chlorotoluene	50.0	51.5	102.95	75-125
	108	1,3,5-Trimethylbenzene	50.0	54.6	109.18	75-125
	109	1,2,3-Trichloropropane	50.0	52.7	105.34	75-125
	110	trans-1,4-Dichloro-2-Butene	50.0	64.5	128.93*	75-125
	111	4-Chlorotoluene	50.0	53.5	106.98	75-125
	112	tert-butylbenzene	50.0	56.8	113.56	75-125
	114	1,2,4-Trimethylbenzene	50.0	55.5	111.05	75-125
	116	sec-Butylbenzene	50.0	55.2	110.46	75-125
	117	p-Isopropyltoluene	50.0	57.3	114.50	75-125
	120	1,3-Dichlorobenzene	50.0	53.8	107.68	75-125
	122	1,4-Dichlorobenzene	50.0	53.9	107.80	75-125
	123	n-Butylbenzene	50.0	59.3	118.68	75-125
M	124	TOTAL XYLENE	150	159	106.20	75-125
	125	1,2-Dichlorobenzene	50.0	54.7	109.46	75-125
	126	1,2-Dibromo-3-Chloropropane	50.0	63.1	126.13*	75-125
	127	Hexachlorobutadiene	50.0	57.4	114.78	75-125
	128	1,2,4-Trichlorobenzene	50.0	56.8	113.57	75-125

Data file : /var/chem/msv4.i/2060718.s.b/v4304.d
Report Date: 08/04/2006 14:50

SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
130 1,2,3-Trichlorobenzene	50.0	62.2	124.46	75-125

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 44 Dibromofluoromethane	50.0	54.5	108.97	65-130
$ 54 1,2-Dichloroethane-d4	50.0	50.9	101.79	62-125
$ 76 Toluene-d8	50.0	54.5	108.93	71-132
$ 103 Bromofluorobenzene	50.0	52.9	105.83	62-127

GCAL, Inc.

Data file : /var/chem/msv4.i/2060718.s.b/v4304.d
Lab Smp Id: 1600 Client Smp ID: 8260ICV
Inj Date : 18-JUL-2006 12:23
Operator : ABD Inst ID: msv4.i
Smp Info : 1600*8260ICV*5-46-9
Misc Info : MSV~8707~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060718.s.b/8260Bs4.m
Meth Date : 04-Aug-2006 14:49 rbm Quant Type: ISTD
Cal Date : 18-JUL-2006 09:44 Cal File: v4298C.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.668	1.663	(0.262)	139589	34.7214	34.7	8736(R)
2 Chloromethane ++	50	1.842	1.848	(0.289)	230881	43.3074	43.3	7787
3 Vinyl Chloride +	62	1.910	1.901	(0.300)	182019	48.6606	48.7	8679
5 Bromomethane	94	2.185	2.180	(0.343)	84400	44.0697	44.1	9175
7 Chloroethane	64	2.301	2.297	(0.361)	95716	49.6208	49.6	8276
8 Trichlorofluoromethane	101	2.417	2.418	(0.379)	222784	58.2815	58.3	8839
10 1,1-Dichloroethene +	96	2.892	2.888	(0.454)	97197	51.0992	51.1	7189
11 Carbon Disulfide	76	2.924	2.914	(0.459)	383061	42.9579	43.0	8168
12 1,1,2Trichlotrifluoroethane	101	2.929	2.930	(0.460)	114088	42.9774	43.0	8312
13 Methyl Iodide	142	3.035	3.030	(0.476)	138056	52.1321	52.1	6951
14 Acrolein	56	3.240	3.231	(0.509)	140213	200.288	200	3399(A)
15 Methylene Chloride	49	3.504	3.505	(0.550)	238665	42.3525	42.4	8613
17 Acetone	43	3.578	3.553	(0.562)	92035	40.9954	41.0	6508

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.689	3.685	(0.579)	192338	49.7671	49.8	6844
	19 Methyl Acetate	43	3.721	3.722	(0.584)	170921	34.4233	34.4	5575(RH)
	20 Hexane	57	3.800	3.806	(0.596)	311890	47.2988	47.3	8710
	21 MTBE	73	3.837	3.827	(0.602)	476591	49.2875	49.3	6265
	26 1,1-Dichloroethane ++	63	4.460	4.455	(0.700)	265169	51.8820	51.9	8739
	27 Acrylonitrile	53	4.539	4.529	(0.712)	828551	311.801	312	6537(A)
	30 Vinyl Acetate	43	4.782	4.777	(0.751)	452271	49.8030	49.8	
	31 cis-1,2-Dichloroethene	61	5.077	5.083	(0.797)	217281	51.0146	51.0	7330
	33 2,2-Dichloropropane	77	5.193	5.194	(0.815)	185687	53.6281	53.6	6526
	35 Cyclohexane	56	5.283	5.279	(0.829)	234219	52.2117	52.2	6074
	37 Bromochloromethane	128	5.294	5.295	(0.831)	79809	55.8375	55.8	7162
	39 Chloroform +	83	5.383	5.384	(0.845)	259118	51.2643	51.3	8947
	42 Carbon Tetrachloride	117	5.515	5.511	(0.866)	144666	56.2967	56.3	8117
$	44 Dibromofluoromethane	111	5.574	5.569	(0.875)	182905	54.4832	54.5	5570
	45 1,1,1-Trichloroethane	97	5.584	5.585	(0.877)	186389	53.1452	53.1	9524
	46 2-Butanone	43	5.732	5.717	(0.900)	396108	48.1582	48.2	
	47 1,1-Dichloropropene	75	5.716	5.706	(0.897)	178526	54.3780	54.4	8295
	53 Benzene	78	5.964	5.960	(0.936)	511812	53.0824	53.1	8348
$	54 1,2-Dichloroethane-d4	67	6.101	6.097	(0.958)	115925	50.8938	50.9	9275
	55 1,2-Dichloroethane	62	6.165	6.166	(0.968)	280599	53.7139	53.7	8255
*	58 FLUOROBENZENE	96	6.371	6.371	(1.000)	488002	50.0000		9364
	59 Methyl cyclohexane	83	6.518	6.509	(1.023)	188696	53.4452	53.4	9013
	60 Trichloroethene	130	6.534	6.530	(1.026)	137013	57.4803	57.5	8913
	62 Dibromomethane	93	6.925	6.920	(1.087)	137622	54.6971	54.7	8696
	64 1,2-Dichloropropane +	63	7.014	7.010	(1.101)	175904	54.4247	54.4	9026
M	65 Total 1,2-Dichloroethene	61				409619	100.842	101	0
	67 Bromodichloromethane	83	7.078	7.079	(1.111)	234364	56.5890	56.6	8892
	71 1-Bromo-2-chloroethane	144	7.505	7.506	(1.178)	27052	55.0365	55.0	8709
	72 2-Chloroethyl vinyl ether	63	7.595	7.596	(1.192)	123566	56.3890	56.4	2181
	74 cis-1,3-Dichloropropene	75	7.643	7.643	(1.200)	276907	57.3410	57.3	
M	75 1-3 Dichloropropene-Total	100				557308	114.149	114	0
$	76 Toluene-d8	98	7.806	7.802	(0.854)	480186	54.4664	54.5	9310
	77 Toluene +	91	7.848	7.849	(0.859)	525273	50.7594	50.8	9282
	80 Tetrachloroethene	164	8.181	8.182	(0.895)	92250	52.7290	52.7	8580
	81 4-methyl-2-pentanone	43	8.186	8.182	(0.896)	656791	56.2264	56.2	
	82 trans-1,3-Dichloropropene	75	8.218	8.214	(0.899)	280401	52.1588	52.2	
	83 1,1,2-Trichloroethane	97	8.355	8.356	(0.914)	160621	49.9937	50.0	8981
	85 Dibromochloromethane	129	8.503	8.504	(0.931)	179693	52.5350	52.5	8514
	86 1,3-Dichloropropane	76	8.587	8.583	(0.940)	286502	51.5537	51.6	8720
	87 1,2-Dibromoethane(EDB)	107	8.709	8.710	(0.953)	193419	52.3476	52.3	8171
	88 2-Hexanone	43	8.899	8.900	(0.974)	550713	56.4093	56.4	7710
	89 1-Chlorohexane	91	9.126	9.127	(0.999)	161104	47.2117	47.2	4257(M)
*	90 Chlorobenzene-d5	82	9.136	9.137	(1.000)	226620	50.0000		7095
	91 Chlorobenzene ++	112	9.152	9.153	(1.002)	353772	49.2537	49.3	8620
	92 Ethylbenzene +	91	9.168	9.169	(1.003)	626345	51.1658	51.2	7295(M)
	93 1,1,1,2-Tetrachloroethane	133	9.205	9.201	(1.008)	128372	51.5252	51.5	8001
	95 p,m-Xylene	106	9.289	9.290	(1.017)	441118	105.303	105	9357

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Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.659	9.655	(1.057)	222474	53.9984	54.0	
99 Styrene	104	9.701	9.702	(1.062)	401167	56.1857	56.2	8765
100 Bromoform ++	173	9.738	9.734	(1.066)	154998	56.1456	56.1	8178
101 Isopropylbenzene	105	9.918	9.918	(1.085)	523663	54.4635	54.5	9106
$ 103 Bromofluorobenzene	174	10.171	10.172	(1.113)	159563	52.9126	52.9	8751
104 Bromobenzene	77	10.266	10.267	(0.922)	301023	51.4869	51.5	6898
105 n-Propylbenzene	91	10.271	10.272	(0.923)	696706	54.2078	54.2	7983
106 1,1,2,2-Tetrachloroethane++	83	10.335	10.335	(0.928)	281051	52.0195	52.0	3339
107 2-Chlorotoluene	91	10.419	10.420	(0.936)	471467	51.4725	51.5	8666(H)
108 1,3,5-Trimethylbenzene	105	10.430	10.430	(0.937)	473762	54.5888	54.6	
109 1,2,3-Trichloropropane	75	10.461	10.457	(0.940)	333680	52.6695	52.7	3723(H)
110 trans-1,4-Dichloro-2-Butene	53	10.488	10.494	(0.942)	87178	64.4669	64.5	9182(R)
111 4-Chlorotoluene	91	10.556	10.562	(0.948)	432834	53.4885	53.5	9088
112 tert-butylbenzene	91	10.709	10.705	(0.962)	280073	56.7815	56.8	9103
114 1,2,4-Trimethylbenzene	105	10.767	10.768	(0.967)	481425	55.5226	55.5	
116 sec-Butylbenzene	105	10.862	10.858	(0.976)	614826	55.2310	55.2	
117 p-Isopropyltoluene	119	10.979	10.974	(0.986)	486280	57.2522	57.3	6984
120 1,3-Dichlorobenzene	146	11.068	11.069	(0.994)	254053	53.8418	53.8	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.132	(1.000)	173326	50.0000		7657
122 1,4-Dichlorobenzene	146	11.142	11.148	(1.001)	283985	53.9011	53.9	
123 n-Butylbenzene	91	11.353	11.354	(1.020)	493047	59.3411	59.3	9208
M 124 TOTAL XYLENE	106				663592	159.301	159	0
125 1,2-Dichlorobenzene	146	11.533	11.534	(1.036)	259674	54.7315	54.7	
126 1,2-Dibromo-3-Chloropropane	157	12.361	12.362	(1.110)	77749	63.0651	63.1	5283(R)
127 Hexachlorobutadiene	225	13.132	13.133	(1.180)	88499	57.3922	57.4	8781
128 1,2,4-Trichlorobenzene	180	13.190	13.186	(1.185)	172502	56.7826	56.8	
129 Napthalene	128	13.575	13.576	(1.220)	500976	58.2052	58.2	6155
130 1,2,3-Trichlorobenzene	180	13.781	13.777	(1.238)	180067	62.2313	62.2	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

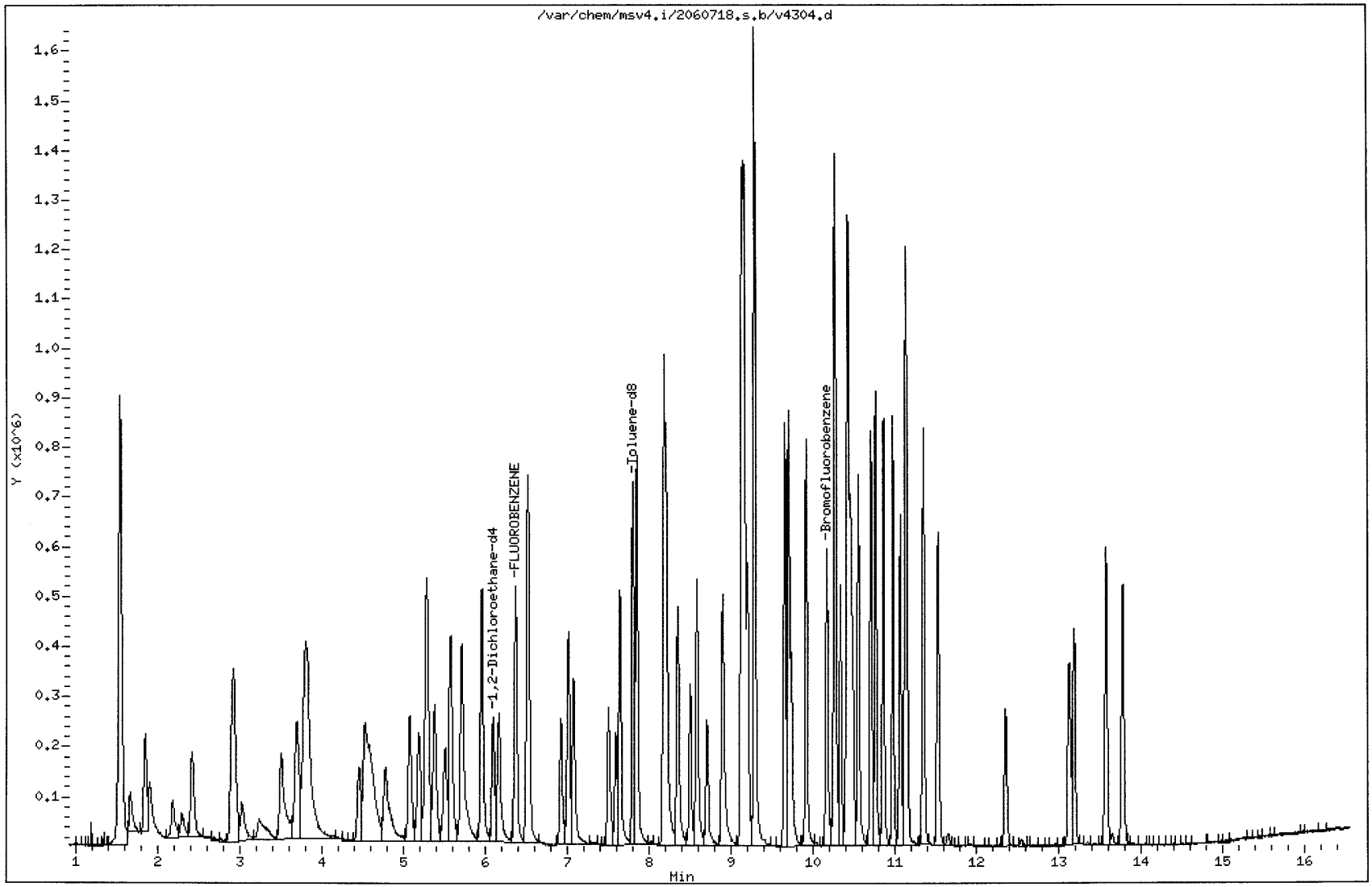
Data File: /var/chem/msv4.i/2060718.s.b/v4304.d
Date : 18-JUL-2006 12:23
Client ID: 8260ICV
Sample Info: 1600*8260ICV*5-46-9

Column phase: DB-624-30M

Instrument: msv4.i

Operator: ABD
Column diameter: 0.53

000306

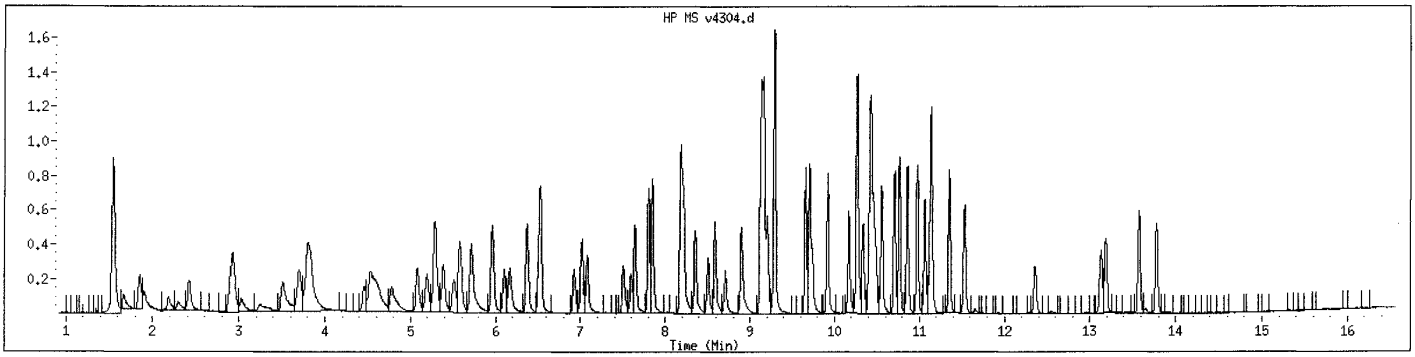


188278

Data file : /var/chem/msv4.i/2060718.s.b/v4304.d Page: 1
Report Date: 08/04/2006 14:50

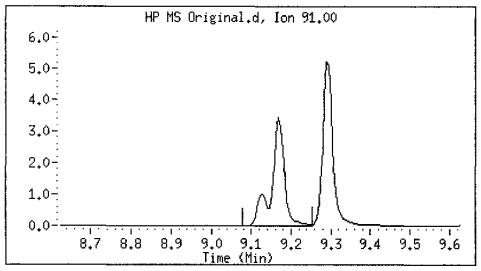
MANUAL INTEGRATION GRAPHIC REPORT

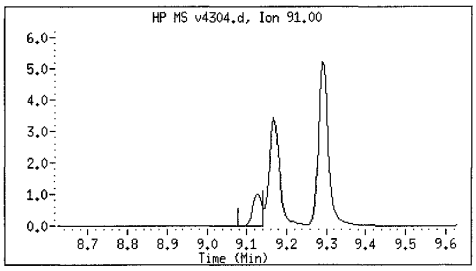
Lab ID	: 1600	SampleType	: LCS
Injection Date	: 18-JUL-2006 12:23	Instrument	: msv4.i
Operator	: ABD		
Sample Info	: 1600*8260ICV*5-46-9		
Misc Info	: MSV~8707~*1*ABD		
Method	: /var/chem/msv4.i/2060718.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



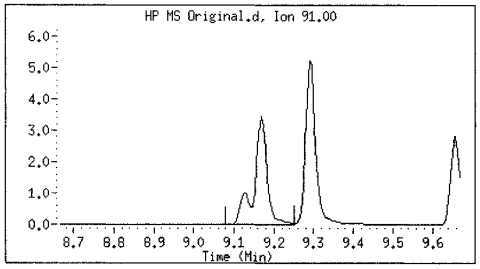
Original Final

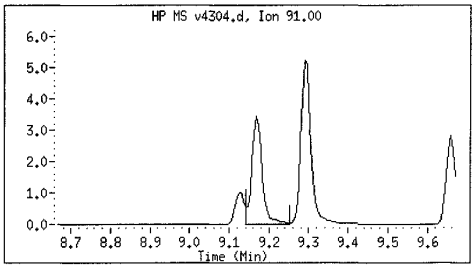
89 1-Chlorohexane CAS#: 544-10-5





92 Ethylbenzene + CAS#: 100-41-4





GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4433.d
Lab Smp Id: 1000 Client Smp ID: V4BFB01
Inj Date : 21-JUL-2006 20:20
Operator : RSS Inst ID: msv4.i
Smp Info : 1000*V4BFB01
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/bfb1.m
Meth Date : 08-Jul-2006 10:02 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
10.170	10.200	(0.000)	95	60982			100.00- 100.00	100.00
10.170	10.200	(0.000)	50	18239			15.00- 40.00	29.91
10.170	10.200	(0.000)	75	33699			30.00- 60.00	55.26
10.170	10.200	(0.000)	96	4334			5.00- 9.00	7.11
10.170	10.200	(0.000)	173	0			0.00- 2.00	0.00
10.170	10.200	(0.000)	174	49529			50.00- 120.00	81.22
10.170	10.200	(0.000)	175	2921			5.00- 9.00	5.90
10.170	10.200	(0.000)	176	47531			95.00- 101.00	95.97
10.170	10.200	(0.000)	177	3320			5.00- 9.00	6.98

Data File: /var/chem/msv4.i/2060721p.s.b/v4433.d

Date : 21-JUL-2006 20:20

Client ID: V4BFB01

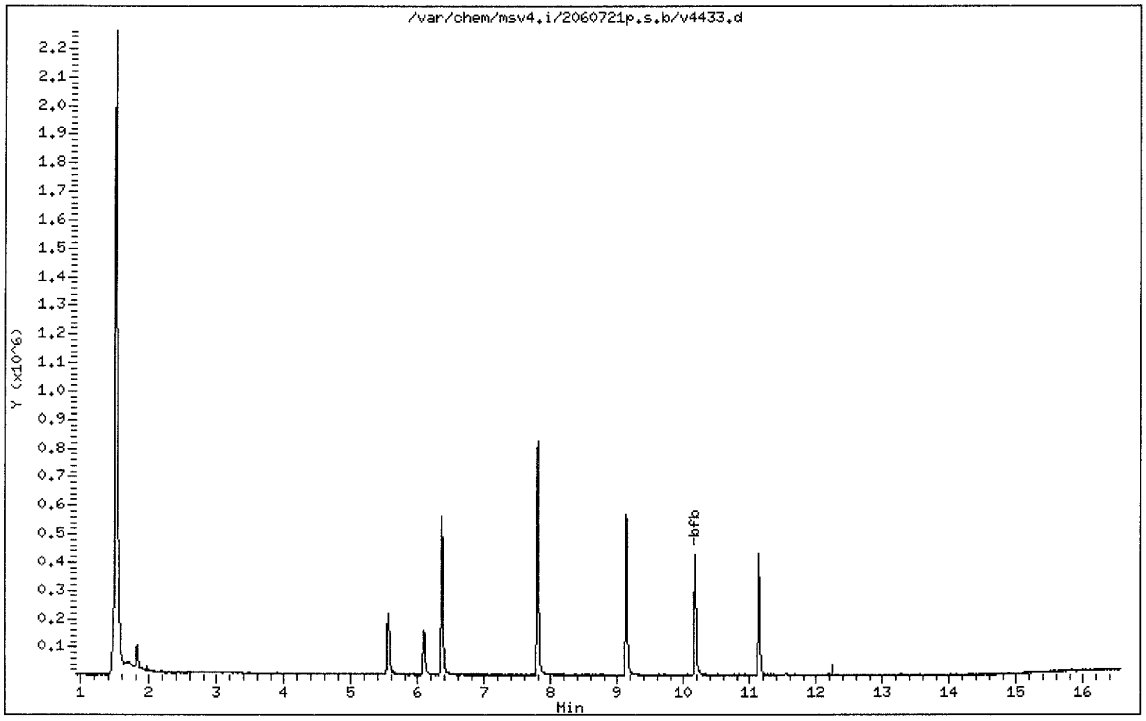
Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



188281

Data File: /var/chem/msv4.i/2060721p.s.b/v4433.d

Date : 21-JUL-2006 20:20

Client ID: V4BFB01

Instrument: msv4.i

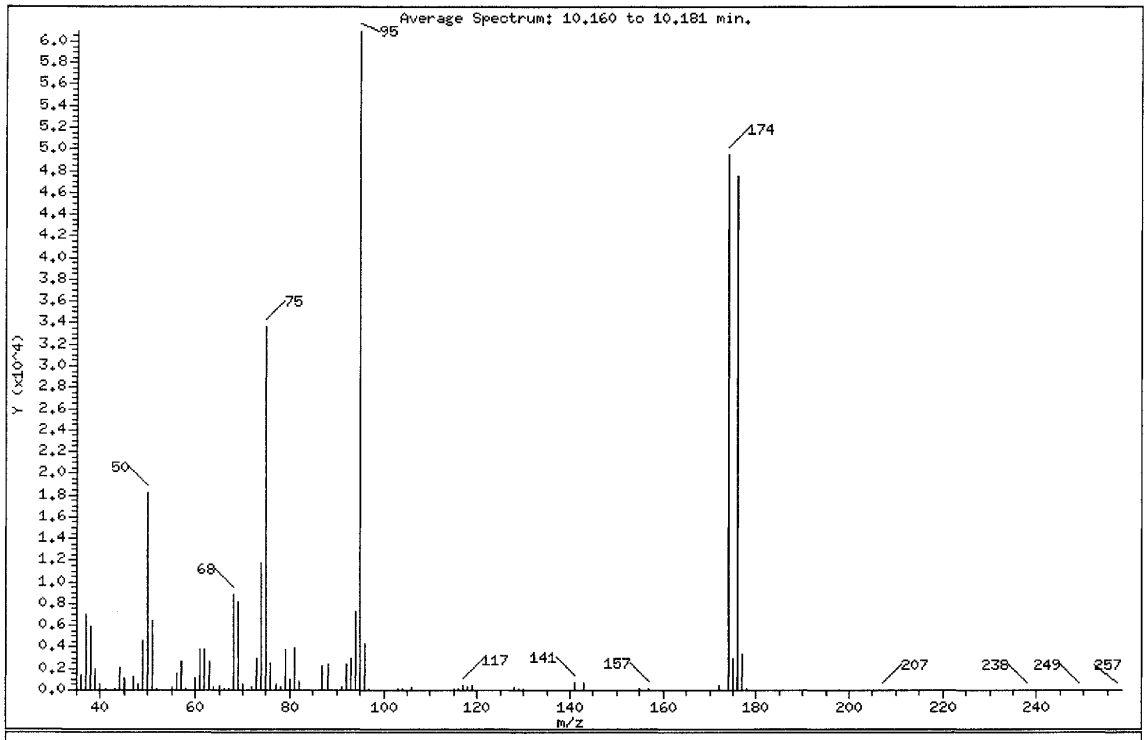
Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	29.91
75	30.00 - 60.00% of mass 95	55.26
96	5.00 - 9.00% of mass 95	7.11
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	81.22
175	5.00 - 9.00% of mass 174	4.79 (5.90)
176	95.00 - 101.00% of mass 174	77.94 (95.97)
177	5.00 - 9.00% of mass 176	5.44 (6.98)

188282

Data File: /var/chem/msv4.i/2060721p.s.b/v4433.d

Date : 21-JUL-2006 20:20

Client ID: V4BFB01

Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

Data File: v4433.d
Spectrum: Average Spectrum: 10.160 to 10.181 min.
Location of Maximum: 95.00
Number of points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1453	62.00	3747	90.00	38	130.00	150
37.00	7054	63.00	2683	91.00	276	135.00	31
38.00	5918	64.00	281	92.00	2368	141.00	712
39.00	1995	65.00	426	93.00	2901	142.00	59
40.00	517	66.00	75	94.00	7302	143.00	663
41.00	99	67.00	132	95.00	60976	145.00	31
42.00	35	68.00	8890	96.00	4334	146.00	33
43.00	112	69.00	8124	97.00	88	148.00	31
44.00	2089	70.00	553	103.00	145	153.00	34
45.00	1065	71.00	37	104.00	163	155.00	86
46.00	38	72.00	294	106.00	215	156.00	34
47.00	1192	73.00	2992	107.00	50	157.00	108
48.00	510	74.00	11753	110.00	45	171.00	30
49.00	4633	75.00	33696	111.00	31	172.00	430
50.00	18232	76.00	2580	113.00	49	174.00	49528
51.00	6479	77.00	584	114.00	59	175.00	2921
52.00	142	78.00	217	115.00	109	176.00	47528
53.00	51	79.00	3727	116.00	151	177.00	3320
55.00	246	80.00	989	117.00	424	178.00	85
56.00	1595	81.00	3948	118.00	310	207.00	30
57.00	2645	82.00	898	119.00	379	238.00	40
58.00	71	83.00	48	122.00	41	249.00	31
60.00	1083	87.00	2235	128.00	260	257.00	32
61.00	3722	88.00	2433	129.00	111		

GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4434.d
Lab Smp Id: 1400 Client Smp ID: V4STD050
Inj Date : 21-JUL-2006 21:08
Operator : RSS Inst ID: msv4.i
Smp Info : 1400*V4STD050*5-50-8
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 08:39 kcb Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.657	1.657	(0.260)	174860	50.0000	42.0	8689
2 Chloromethane ++	50	1.820	1.820	(0.286)	202665	50.0000	36.7	8764
3 Vinyl Chloride +	62	1.889	1.889	(0.296)	162612	50.0000	42.0	8435
5 Bromomethane	94	2.163	2.163	(0.340)	81100	50.0000	40.9	9088
7 Chloroethane	64	2.279	2.279	(0.358)	90061	50.0000	45.1	7790
8 Trichlorofluoromethane	101	2.406	2.406	(0.378)	165978	50.0000	41.9	8982
10 1,1-Dichloroethene +	96	2.881	2.881	(0.452)	87119	50.0000	44.2	8004
11 Carbon Disulfide	76	2.902	2.902	(0.456)	400776	50.0000	43.4	8215
12 1,1,2Trichlotrifluoroethane	101	2.913	2.913	(0.457)	127268	50.0000	46.3	8833
13 Methyl Iodide	142	3.013	3.013	(0.473)	122815	50.0000	44.8	7275
14 Acrolein	56	3.224	3.224	(0.506)	164438	250.000	226	3391(A)
15 Methylene Chloride	49	3.488	3.488	(0.548)	224403	50.0000	37.8	8557
17 Acetone	43	3.557	3.557	(0.558)	126190	50.0000	55.1	5786

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.678	3.678	(0.577)	171062	50.0000	42.7	6890
	19 Methyl Acetate	43	3.705	3.705	(0.582)	231292	50.0000	45.0	5681
	20 Hexane	57	3.784	3.784	(0.594)	296485	50.0000	43.4	8516
	21 MTBE	73	3.810	3.810	(0.598)	425243	50.0000	42.5	6117
	26 1,1-Dichloroethane ++	63	4.449	4.449	(0.698)	231344	50.0000	43.7	8674
	27 Acrylonitrile	53	4.517	4.517	(0.709)	643959	250.000	234	6563(A)
	30 Vinyl Acetate	43	4.771	4.771	(0.749)	405788	50.0000	43.1	
	31 cis-1,2-Dichloroethene	61	5.072	5.072	(0.796)	184466	50.0000	41.8	7385
	33 2,2-Dichloropropane	77	5.182	5.182	(0.814)	155320	50.0000	43.3	6465
	35 Cyclohexane	56	5.272	5.272	(0.828)	201458	50.0000	43.4	6067
	37 Bromochloromethane	128	5.283	5.283	(0.829)	69033	50.0000	46.6	7051
	39 Chloroform +	83	5.378	5.378	(0.844)	222532	50.0000	42.5	8831
	42 Carbon Tetrachloride	117	5.499	5.499	(0.863)	124974	50.0000	47.0	8107
$	44 Dibromofluoromethane	111	5.568	5.568	(0.874)	182261	50.0000	52.4	5538
	45 1,1,1-Trichloroethane	97	5.573	5.573	(0.875)	157426	50.0000	43.3	9478
	46 2-Butanone	43	5.710	5.710	(0.896)	324684	50.0000	36.5	
	47 1,1-Dichloropropene	75	5.710	5.710	(0.896)	148871	50.0000	43.8	8296
	53 Benzene	78	5.958	5.958	(0.935)	450064	50.0000	45.1	8350
$	54 1,2-Dichloroethane-d4	67	6.096	6.096	(0.957)	118710	50.0000	50.3	9428
	55 1,2-Dichloroethane	62	6.164	6.164	(0.968)	227772	50.0000	42.1	8335
*	58 FLUOROBENZENE	96	6.370	6.370	(1.000)	505423	50.0000		9406
	59 Methyl cyclohexane	83	6.513	6.513	(1.022)	168400	50.0000	46.1	9094
	60 Trichloroethene	130	6.528	6.528	(1.025)	120880	50.0000	49.0	8834
	62 Dibromomethane	93	6.924	6.924	(1.087)	116109	50.0000	44.6	8556
	64 1,2-Dichloropropane +	63	7.014	7.014	(1.101)	145587	50.0000	43.5	9023
M	65 Total 1,2-Dichloroethene	61				355528	100.000	84.5	0
	67 Bromodichloromethane	83	7.077	7.077	(1.111)	188587	50.0000	44.0	9120
	71 1-Bromo-2-chloroethane	144	7.505	7.505	(1.178)	22068	50.0000	43.3	8736
	72 2-Chloroethyl vinyl ether	63	7.595	7.595	(1.192)	54283	50.0000	26.4	2370
	74 cis-1,3-Dichloropropene	75	7.642	7.642	(1.200)	222255	50.0000	44.4	
M	75 1-3 Dichloropropene-Total	100				446582	100.000	88.3	0
$	76 Toluene-d8	98	7.801	7.801	(0.854)	475444	50.0000	59.9	9307
	77 Toluene +	91	7.848	7.848	(0.859)	442665	50.0000	47.5	9353
	80 Tetrachloroethene	164	8.181	8.181	(0.895)	86439	50.0000	54.9	8639
	81 4-methyl-2-pentanone	43	8.186	8.186	(0.896)	489814	50.0000	46.6	
	82 trans-1,3-Dichloropropene	75	8.218	8.218	(0.899)	224327	50.0000	46.4	
	83 1,1,2-Trichloroethane	97	8.355	8.355	(0.914)	134388	50.0000	46.5	9030
	85 Dibromochloromethane	129	8.503	8.503	(0.931)	147951	50.0000	48.1	8650
	86 1,3-Dichloropropane	76	8.587	8.587	(0.940)	234397	50.0000	46.9	8722
	87 1,2-Dibromoethane(EDB)	107	8.708	8.708	(0.953)	155147	50.0000	46.7	8115
	88 2-Hexanone	43	8.898	8.898	(0.974)	406750	50.0000	46.7	7704
	89 1-Chlorohexane	91	9.125	9.125	(0.999)	151659	50.0000	49.4	7785
*	90 Chlorobenzene-d5	82	9.136	9.136	(1.000)	203976	50.0000		7344
	91 Chlorobenzene ++	112	9.152	9.152	(1.002)	302190	50.0000	46.7	8677
	92 Ethylbenzene +	91	9.168	9.168	(1.003)	534931	50.0000	48.5	7261
	93 1,1,1,2-Tetrachloroethane	133	9.205	9.205	(1.008)	105284	50.0000	46.9	7829
	95 p,m-Xylene	106	9.289	9.289	(1.017)	370710	100.000	98.3	9387

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.659	9.659	(1.057)	186903	50.0000	50.4	
99 Styrene	104	9.701	9.701	(1.062)	357070	50.0000	55.6	8695
100 Bromoform ++	173	9.738	9.738	(1.066)	121424	50.0000	48.9	8194
101 Isopropylbenzene	105	9.917	9.917	(1.085)	442653	50.0000	51.1	9107
$ 103 Bromofluorobenzene	174	10.176	10.176	(1.114)	155088	50.0000	57.1	8981
104 Bromobenzene	77	10.266	10.266	(0.922)	247960	50.0000	44.9	6892
105 n-Propylbenzene	91	10.271	10.271	(0.923)	588294	50.0000	48.5	7944
106 1,1,2,2-Tetrachloroethane++	83	10.334	10.334	(0.928)	225583	50.0000	44.2	3318
107 2-Chlorotoluene	91	10.419	10.419	(0.936)	401293	50.0000	46.4	8678(H)
108 1,3,5-Trimethylbenzene	105	10.429	10.429	(0.937)	400201	50.0000	48.8	
109 1,2,3-Trichloropropane	75	10.461	10.461	(0.940)	254318	50.0000	42.5	3767(H)
110 trans-1,4-Dichloro-2-Butene	53	10.487	10.487	(0.942)	60058	50.0000	47.0	9117
111 4-Chlorotoluene	91	10.556	10.556	(0.948)	353350	50.0000	46.2	9056
112 tert-butylbenzene	91	10.709	10.709	(0.962)	233103	50.0000	50.0	9036
114 1,2,4-Trimethylbenzene	105	10.767	10.767	(0.967)	400025	50.0000	48.8	
116 sec-Butylbenzene	105	10.862	10.862	(0.976)	522972	50.0000	49.7	
117 p-Isopropyltoluene	119	10.978	10.978	(0.986)	413099	50.0000	51.5	7001
120 1,3-Dichlorobenzene	146	11.068	11.068	(0.994)	213880	50.0000	48.0	
* 121 1,4-DICHLOROBENZENE-D4	152	11.131	11.131	(1.000)	163703	50.0000		8051
122 1,4-Dichlorobenzene	146	11.142	11.142	(1.001)	235034	50.0000	47.2	
123 n-Butylbenzene	91	11.353	11.353	(1.020)	418513	50.0000	53.3	9195
M 124 TOTAL XYLENE	106				557613	150.000	149	0
125 1,2-Dichlorobenzene	146	11.532	11.532	(1.036)	218020	50.0000	48.7	
126 1,2-Dibromo-3-Chloropropane	157	12.366	12.366	(1.111)	56429	50.0000	49.3	5412
127 Hexachlorobutadiene	225	13.137	13.137	(1.180)	73485	50.0000	50.5	8869
128 1,2,4-Trichlorobenzene	180	13.190	13.190	(1.185)	141060	50.0000	49.4	
129 Napthalene	128	13.575	13.575	(1.220)	416099	50.0000	51.8	6195
130 1,2,3-Trichlorobenzene	180	13.776	13.776	(1.238)	149754	50.0000	54.8	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

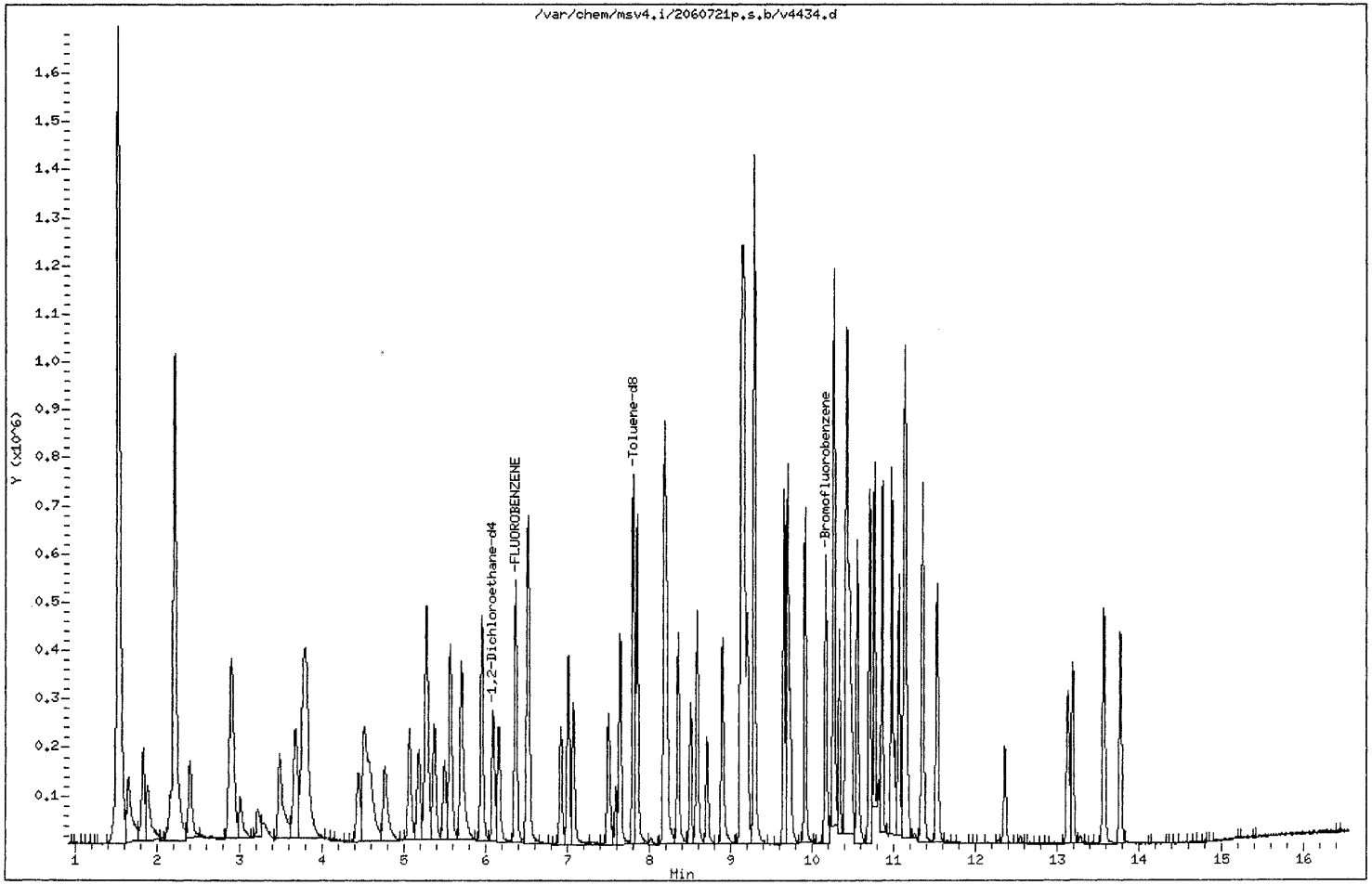
Data File: /var/chem/msv4.i/2060721p.s.b/v4434.d
Date : 21-JUL-2006 21:08
Client ID: V4STD050
Sample Info: 1400*V4STD050*5-50-8

Column phase: DB-624-30M

Page 1

Instrument: msv4.i

Operator: RSS
Column diameter: 0.53

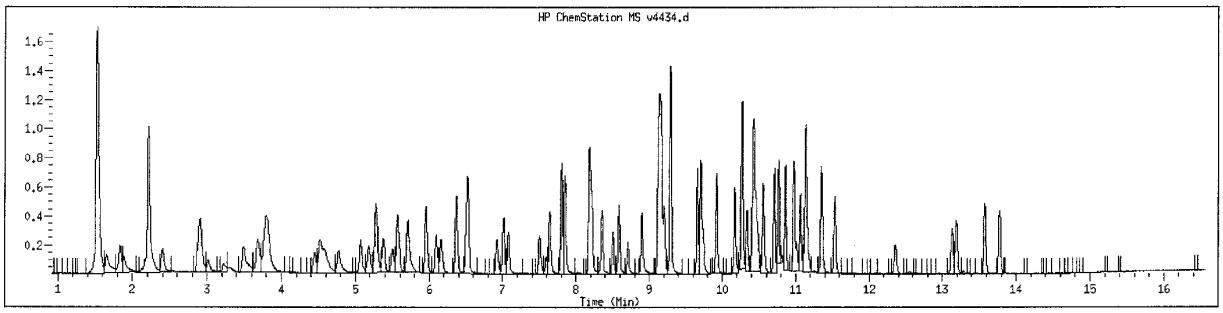


188287

Data file : /var/chem/msv4.i/2060721p.s.b/v4434.d Page: 1
Report Date: 07/22/2006 08:39

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1400	SampleType	: CCALIB_3
Injection Date	: 21-JUL-2006 21:08	Instrument	: msv4.i
Operator	: RSS		
Sample Info	: 1400*V4STD050*5-50-8		
Misc Info	: MSV~8723~*1*RSS		
Method	: /var/chem/msv4.i/2060721p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



NO MANUAL INTEGRATIONS

188288

Data File: /var/chem/msv4.i/2060721p.s.b/v4435.d
Report Date: 22-Jul-2006 08:39

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i
Lab File ID: v4435.d
Analysis Type: SOIL
Lab Sample ID: 1400
Method: /var/chem/msv4.i/2060721p.s.b/8260Bs4.m

Injection Date: 21-JUL-2006 21:48
Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Init. Cal. Times: 22:30 11:26
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
4 1,3 Butadiene	0.25154	0.14963	0.14963	0.100	-40.51456	30.00000	Averaged	<-
9 Ethyl Ether	130	250	0.25618	0.100	-47.81922	0.000e+00	Quadratic	<-
23 Acetonitrile	250	++++	0.04481	0.010	++++	0.000e+00	Quadratic	<-
24 Isopropyl Ether	1.46155	0.79808	0.79808	0.100	-45.39460	30.00000	Averaged	<-
57 Isobutyl Alcohol	250	++++	0.03947	0.100	++++	0.000e+00	Quadratic	<-
68 N-Butyl Alcohol	256	250	0.05269	0.010	2.44651	0.000e+00	Quadratic	<
69 Methyl Methacrylate	0.39200	0.29958	0.29958	0.100	-23.57548	30.00000	Averaged	
49 Ethyl Methacrylate	++++	0.64491	0.64491	0.100	++++	30.00000	Averaged	<-
113 Pentachloroethane	++++	0.26105	0.26105	0.100	++++	30.00000	Averaged	<-

GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4433.d
Lab Smp Id: 1000 Client Smp ID: V4BFB01
Inj Date : 21-JUL-2006 20:20
Operator : RSS Inst ID: msv4.i
Smp Info : 1000*V4BFB01
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/bfb1.m
Meth Date : 08-Jul-2006 10:02 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
10.170	10.200	(0.000)	95	60982			100.00- 100.00	100.00
10.170	10.200	(0.000)	50	18239			15.00- 40.00	29.91
10.170	10.200	(0.000)	75	33699			30.00- 60.00	55.26
10.170	10.200	(0.000)	96	4334			5.00- 9.00	7.11
10.170	10.200	(0.000)	173	0			0.00- 2.00	0.00
10.170	10.200	(0.000)	174	49529			50.00- 120.00	81.22
10.170	10.200	(0.000)	175	2921			5.00- 9.00	5.90
10.170	10.200	(0.000)	176	47531			95.00- 101.00	95.97
10.170	10.200	(0.000)	177	3320			5.00- 9.00	6.98

Data File: /var/chem/msv4.i/2060721p.s.b/v4433.d

Date : 21-JUL-2006 20:20

Client ID: V4BFB01

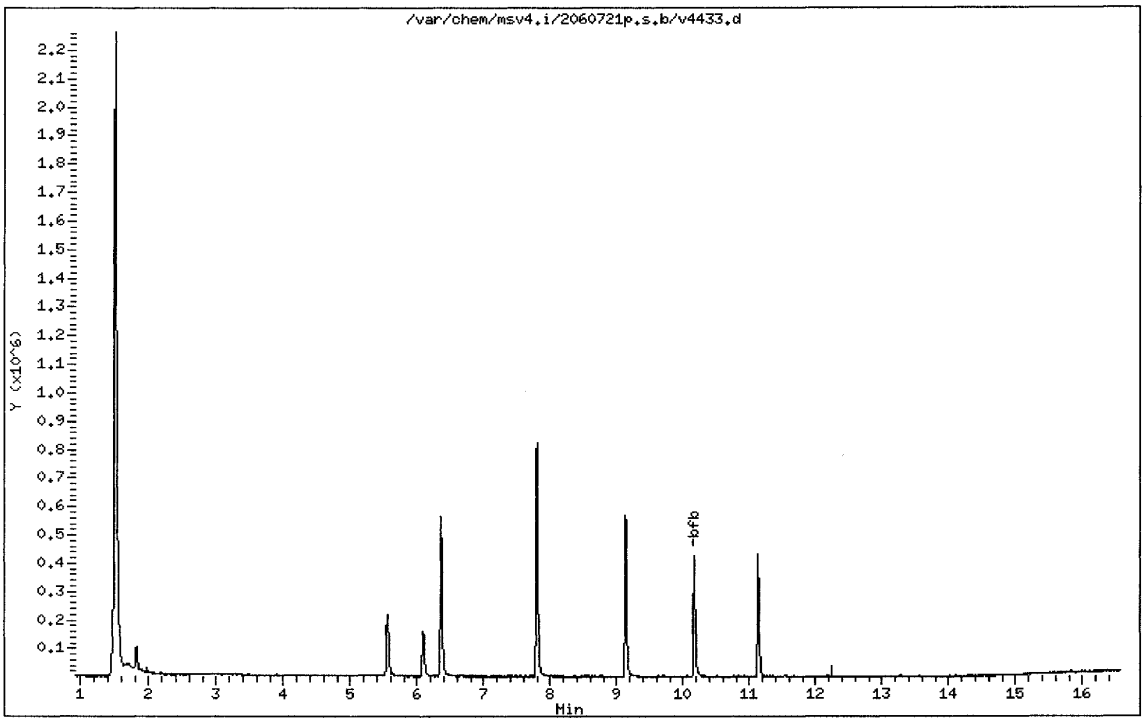
Instrument: msv4.i

Sample Info: 1000xV4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



188291

Data File: /var/chem/msv4.i/2060721p.s.b/v4433.d

Date : 21-JUL-2006 20:20

Client ID: V4BFB01

Instrument: msv4.i

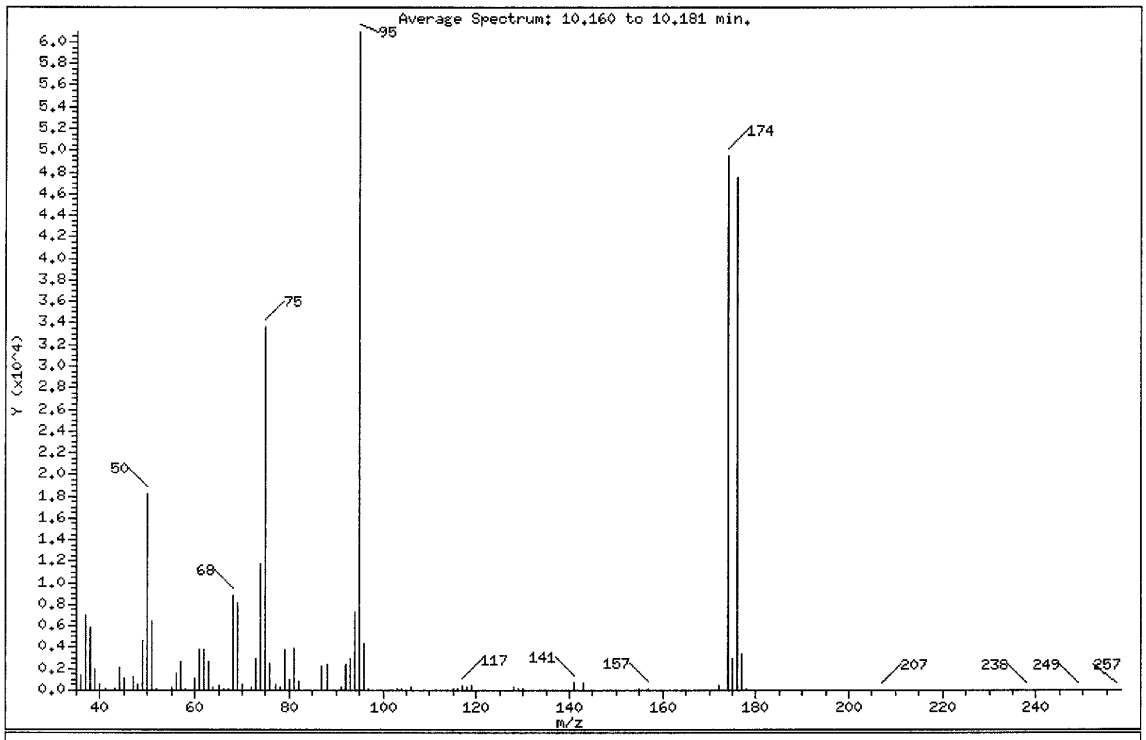
Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	29.91
75	30.00 - 60.00% of mass 95	55.26
96	5.00 - 9.00% of mass 95	7.11
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	81.22
175	5.00 - 9.00% of mass 174	4.79 (5.90)
176	95.00 - 101.00% of mass 174	77.94 (95.97)
177	5.00 - 9.00% of mass 176	5.44 (6.98)

188292

Data File: /var/chem/msv4.i/2060721p.s.b/v4433.d

Date : 21-JUL-2006 20:20

Client ID: V4BFB01 Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M Column diameter: 0.53

Data File: v4433.d
Spectrum: Average Spectrum: 10.160 to 10.181 min.
Location of Maximum: 95.00
Number of points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1453	62.00	3747	90.00	38	130.00	150
37.00	7054	63.00	2683	91.00	276	135.00	31
38.00	5918	64.00	281	92.00	2368	141.00	712
39.00	1995	65.00	426	93.00	2901	142.00	59
40.00	517	66.00	75	94.00	7302	143.00	663
41.00	99	67.00	132	95.00	60976	145.00	31
42.00	35	68.00	8890	96.00	4334	146.00	33
43.00	112	69.00	8124	97.00	88	148.00	31
44.00	2089	70.00	553	103.00	145	153.00	34
45.00	1065	71.00	37	104.00	163	155.00	86
46.00	38	72.00	294	106.00	215	156.00	34
47.00	1192	73.00	2992	107.00	50	157.00	108
48.00	510	74.00	11753	110.00	45	171.00	30
49.00	4633	75.00	33696	111.00	31	172.00	430
50.00	18232	76.00	2580	113.00	49	174.00	49528
51.00	6479	77.00	584	114.00	59	175.00	2921
52.00	142	78.00	217	115.00	109	176.00	47528
53.00	51	79.00	3727	116.00	151	177.00	3320
55.00	246	80.00	989	117.00	424	178.00	85
56.00	1595	81.00	3948	118.00	310	207.00	30
57.00	2645	82.00	898	119.00	379	238.00	40
58.00	71	83.00	48	122.00	41	249.00	31
60.00	1083	87.00	2235	128.00	260	257.00	32
61.00	3722	88.00	2433	129.00	111		

GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4435.d
Lab Smp Id: 1400 Client Smp ID: V4STD050APP9
Inj Date : 21-JUL-2006 21:48
Operator : RSS Inst ID: msv4.i
Smp Info : 1400*V4STD050APP9
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 08:39 kcb Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 37 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.905	1.905	(0.299)	79205	50.0000	29.7	8592
9 Ethyl Ether	59	2.680	2.680	(0.421)	678022	250.000	130	9241
24 Isopropyl Ether	45	4.312	4.312	(0.677)	422455	50.0000	27.3	9352
* 58 FLUOROBENZENE	96	6.370	6.370	(1.000)	529336	50.0000		9362
68 N-Butyl Alcohol	56	6.967	6.967	(1.094)	139445	250.000	256	7402(M)
69 Methyl Methacrylate	69	7.230	7.230	(1.135)	158579	50.0000	38.2	8400
49 Ethyl Methacrylate	41	5.821	5.821	(0.637)	130598	50.0000		4952(a)
* 90 Chlorobenzene-d5	82	9.136	9.136	(1.000)	202505	50.0000		8865
113 Pentachloroethane	167	10.741	10.741	(0.965)	38436	50.0000		9019(a)
* 121 1,4-DICHLOROBENZENE-D4	152	11.131	11.131	(1.000)	147234	50.0000		8935

QC Flag Legend

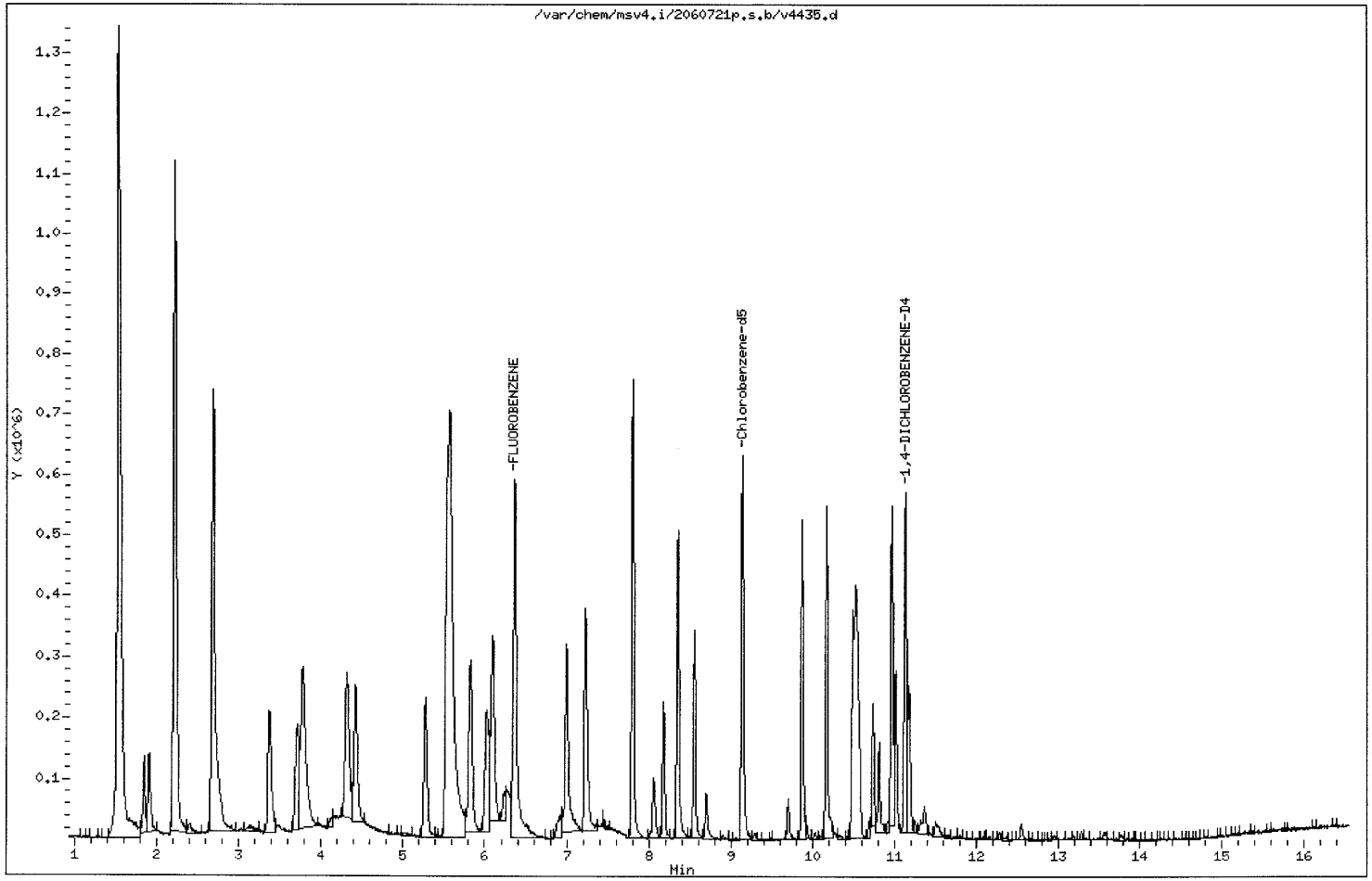
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /var/chem/msv4.i/2060721p.s.b/v4435.d
Date : 21-JUL-2006 21:48
Client ID: V4STD050APP9
Sample Info: 1400*V4STD050APP9

Column phase: DB-624-30M

Instrument: msv4.i

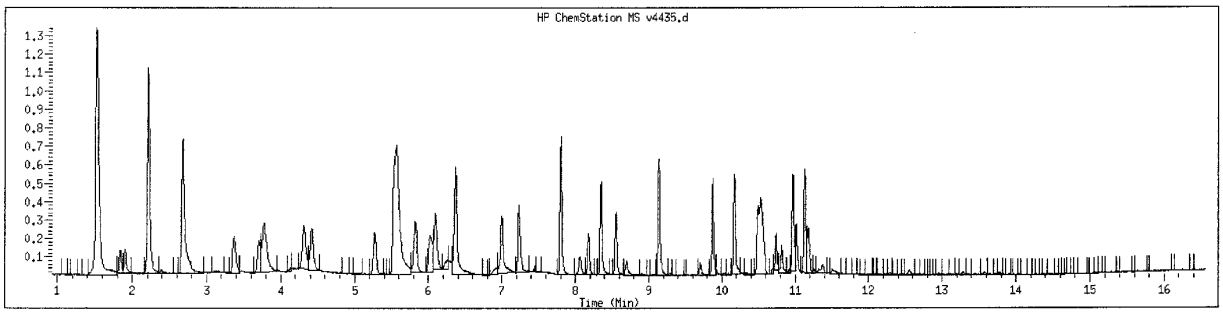
Operator: RSS
Column diameter: 0.53



Data file : /var/chem/msv4.i/2060721p.s.b/v4435.d
Report Date: 07/22/2006 08:39

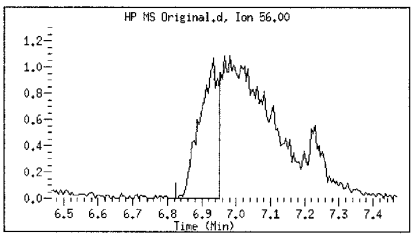
MANUAL INTEGRATION GRAPHIC REPORT

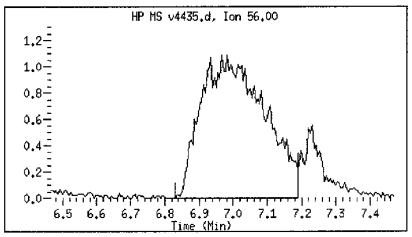
Lab ID	: 1400	SampleType	: CCALIB_3
Injection Date	: 21-JUL-2006 21:48	Instrument	: msv4.i
Operator	: RSS		
Sample Info	: 1400*V4STD050APP9		
Misc Info	: MSV~8723~*1*RSS		
Method	: /var/chem/msv4.i/2060721p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: PBWA9



Original Final

68 N-Butyl Alcohol CAS#: 71-36-3





188297

Data File: /var/chem/msv4.i/2060722q.s.b/v4472.d
Report Date: 22-Jul-2006 16:50

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i
Lab File ID: v4472.d
Analysis Type: SOIL
Lab Sample ID: 1400
Method: /var/chem/msv4.i/2060722q.s.b/8260Bs4.m

Injection Date: 22-JUL-2006 14:10
Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Init. Cal. Times: 22:30 11:26
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Dichlorodifluoromethane	0.41191	0.42060	0.42060	0.010	2.10952	30.00000	Averaged
2 Chloromethane ++	0.54623	0.40690	0.40690	0.100	-25.50794	30.00000	Averaged
3 Vinyl Chloride +	0.38325	0.38995	0.38995	0.010	1.74722	20.00000	Averaged
5 Bromomethane	0.19622	0.15336	0.15336	0.010	-21.84381	30.00000	Averaged
7 Chloroethane	0.19764	0.17352	0.17352	0.010	-12.20233	30.00000	Averaged
8 Trichlorofluoromethane	0.39165	0.36640	0.36640	0.010	-6.44817	30.00000	Averaged
10 1,1-Dichloroethene +	0.19489	0.18519	0.18519	0.010	-4.97810	20.00000	Averaged
11 Carbon Disulfide	0.91364	0.81795	0.81795	0.100	-10.47306	30.00000	Averaged
12 1,1,2Trichlotrifluoroethane	0.27199	0.26905	0.26905	0.010	-1.07895	30.00000	Averaged
13 Methyl Iodide	0.27133	0.27185	0.27185	0.010	0.19225	30.00000	Averaged
14 Acrolein	225	250	0.06476	0.001	-9.92886	0.000e+00	Linear <-
15 Methylene Chloride	36.99543	50.00000	0.43627	0.100	-26.00914	0.000e+00	Quadratic <-
17 Acetone	65.11703	50.00000	0.29298	0.010	30.23406	0.000e+00	Linear <-
18 trans-1,2-Dichloroethene	0.39598	0.38085	0.38085	0.100	-3.82012	30.00000	Averaged
19 Methyl Acetate	0.50873	0.54655	0.54655	0.010	7.43371	30.00000	Averaged
20 Hexane	0.67562	0.63329	0.63329	0.100	-6.26488	30.00000	Averaged
21 MTBE	0.99074	0.91985	0.91985	0.100	-7.15450	30.00000	Averaged
26 1,1-Dichloroethane ++	0.52367	0.49662	0.49662	0.100	-5.16531	30.00000	Averaged
27 Acrylonitrile	0.27226	0.27272	0.27272	0.010	0.16928	30.00000	Averaged
30 Vinyl Acetate	0.93045	0.72773	0.72773	0.100	-21.78753	30.00000	Averaged
31 cis-1,2-Dichloroethene	0.43639	0.40978	0.40978	0.100	-6.09891	30.00000	Averaged
33 2,2-Dichloropropane	0.35476	0.32979	0.32979	0.100	-7.04053	30.00000	Averaged
35 Cyclohexane	0.45962	0.47216	0.47216	0.100	2.72787	30.00000	Averaged
37 Bromochloromethane	0.14644	0.14578	0.14578	0.100	-0.45714	30.00000	Averaged
39 Chloroform +	0.51788	0.47776	0.47776	0.100	-7.74682	20.00000	Averaged
42 Carbon Tetrachloride	0.26329	0.30003	0.30003	0.100	13.95296	30.00000	Averaged
$ 44 Dibromofluoromethane	0.34396	0.32158	0.32158	0.010	-6.50792	30.00000	Averaged
45 1,1,1-Trichloroethane	0.35934	0.35783	0.35783	0.100	-0.42119	30.00000	Averaged
46 2-Butanone	0.87954	0.78661	0.78661	0.050	-10.56510	30.00000	Averaged
47 1,1-Dichloropropene	0.33638	0.35177	0.35177	0.100	4.57472	30.00000	Averaged
53 Benzene	0.98789	1.02199	1.02199	0.100	3.45190	30.00000	Averaged
$ 54 1,2-Dichloroethane-d4	0.23338	0.22201	0.22201	0.010	-4.86966	30.00000	Averaged
55 1,2-Dichloroethane	0.53524	0.50394	0.50394	0.100	-5.84704	30.00000	Averaged
59 Methyl cyclohexane	0.36174	0.39705	0.39705	0.100	9.76045	30.00000	Averaged
60 Trichloroethene	0.24423	0.30988	0.30988	0.100	26.88324	30.00000	Averaged

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i Injection Date: 22-JUL-2006 14:10
Lab File ID: v4472.d Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Analysis Type: SOIL Init. Cal. Times: 22:30 11:26
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/msv4.i/2060722q.s.b/8260Bs4.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
62 Dibromomethane	0.25779	0.25425	0.25425	0.100	-1.37400	30.00000	Averaged	
64 1,2-Dichloropropane +	0.33115	0.32734	0.32734	0.100	-1.15144	20.00000	Averaged	
M 65 Total 1,2-Dichloroethene	0.41618	0.39531	0.39531	0.100	-5.01483	30.00000	Averaged	
67 Bromodichloromethane	0.42433	0.42286	0.42286	0.100	-0.34632	30.00000	Averaged	
71 1-Bromo-2-chloroethane	0.05036	0.05638	0.05638	0.100	11.95740	30.00000	Averaged	<-
72 2-Chloroethyl vinyl ether	18.27600	50.00000	0.06960	0.010	-63.44801	0.000e+00	Quadratic	<-
74 cis-1,3-Dichloropropene	0.49479	0.50615	0.50615	0.100	2.29635	30.00000	Averaged	
M 75 1-3 Dichloropropene-Total	0.50023	0.49750	0.49750	0.100	-0.54736	30.00000	Averaged	
$ 76 Toluene-d8	1.94515	2.35031	2.35031	0.100	20.82942	30.00000	Averaged	
77 Toluene +	2.28318	2.64741	2.64741	0.100	15.95255	20.00000	Averaged	
80 Tetrachloroethene	0.38600	0.53064	0.53064	0.100	37.47177	30.00000	Averaged	<-
81 4-methyl-2-pentanone	2.57726	2.79436	2.79436	0.100	8.42356	30.00000	Averaged	
82 trans-1,3-Dichloropropene	1.18611	1.22340	1.22340	0.100	3.14401	30.00000	Averaged	
83 1,1,2-Trichloroethane	0.70886	0.74570	0.74570	0.100	5.19713	30.00000	Averaged	
85 Dibromochloromethane	0.75466	0.83718	0.83718	0.100	10.93371	30.00000	Averaged	
86 1,3-Dichloropropane	1.22614	1.28045	1.28045	0.100	4.42903	30.00000	Averaged	
87 1,2-Dibromoethane(EDB)	0.81522	0.89565	0.89565	0.100	9.86569	30.00000	Averaged	
88 2-Hexanone	56.38972	50.00000	2.42923	0.100	12.77945	0.000e+00	Quadratic	<-
89 1-Chlorohexane	0.75288	1.09375	1.09375	0.100	45.27524	30.00000	Averaged	<-
91 Chlorobenzene ++	1.58473	1.75867	1.75867	0.300	10.97542	30.00000	Averaged	
92 Ethylbenzene +	2.70088	3.11370	3.11370	0.100	15.28475	20.00000	Averaged	
93 1,1,1,2-Tetrachloroethane	0.54970	0.59974	0.59974	0.100	9.10448	30.00000	Averaged	
95 p,m-Xylene	0.92424	1.09306	1.09306	0.100	18.26563	30.00000	Averaged	
96 o-Xylene	0.90901	1.10280	1.10280	0.100	21.31798	30.00000	Averaged	
99 Styrene	1.57533	1.91631	1.91631	0.100	21.64520	30.00000	Averaged	
100 Bromoform ++	0.60909	0.67543	0.67543	0.100	10.89159	30.00000	Averaged	
101 Isopropylbenzene	2.12138	2.64446	2.64446	0.100	24.65768	30.00000	Averaged	
$ 103 Bromofluorobenzene	0.66534	0.80221	0.80221	0.100	20.57038	30.00000	Averaged	
104 Bromobenzene	1.68659	1.73455	1.73455	0.100	2.84362	30.00000	Averaged	
105 n-Propylbenzene	3.70761	4.30824	4.30824	0.100	16.19980	30.00000	Averaged	
106 1,1,2,2-Tetrachloroethane++	1.55857	1.33293	1.33293	0.300	-14.47754	30.00000	Averaged	
107 2-Chlorotoluene	2.64230	2.90614	2.90614	0.100	9.98536	30.00000	Averaged	
108 1,3,5-Trimethylbenzene	2.50359	2.91896	2.91896	0.100	16.59122	30.00000	Averaged	
109 1,2,3-Trichloropropane	1.82758	1.87983	1.87983	0.100	2.85886	30.00000	Averaged	
110 trans-1,4-Dichloro-2-Butene	0.39010	0.43193	0.43193	0.010	10.72371	30.00000	Averaged	

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i Injection Date: 22-JUL-2006 14:10
Lab File ID: v4472.d Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Analysis Type: SOIL Init. Cal. Times: 22:30 11:26
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/msv4.i/2060722q.s.b/8260Bs4.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
111 4-Chlorotoluene	2.33436	2.56811	2.56811	0.100	10.01360	30.00000	Averaged	
112 tert-butylbenzene	1.42289	1.67791	1.67791	0.100	17.92274	30.00000	Averaged	
114 1,2,4-Trimethylbenzene	2.50130	2.86147	2.86147	0.100	14.39955	30.00000	Averaged	
116 sec-Butylbenzene	3.21126	3.85361	3.85361	0.100	20.00285	30.00000	Averaged	
117 p-Isopropyltoluene	2.45019	3.06227	3.06227	0.100	24.98074	30.00000	Averaged	
120 1,3-Dichlorobenzene	1.36117	1.53571	1.53571	0.100	12.82290	30.00000	Averaged	
122 1,4-Dichlorobenzene	1.51986	1.63727	1.63727	0.100	7.72512	30.00000	Averaged	
123 n-Butylbenzene	2.39684	2.97996	2.97996	0.100	24.32876	30.00000	Averaged	
M 124 TOTAL XYLENE	0.91917	1.09631	1.09631	0.100	19.27184	30.00000	Averaged	
125 1,2-Dichlorobenzene	1.36867	1.52260	1.52260	0.100	11.24708	30.00000	Averaged	
126 1,2-Dibromo-3-Chloropropane	57.35758	50.00000	0.40501	0.100	14.71517	0.000e+00	Quadratic	<-
127 Hexachlorobutadiene	0.44483	0.53975	0.53975	0.100	21.33921	30.00000	Averaged	
128 1,2,4-Trichlorobenzene	54.83156	50.00000	0.96009	0.100	9.66311	0.000e+00	Linear	<-
129 Napthalene	55.71186	50.00000	2.75456	0.100	11.42372	0.000e+00	Quadratic	<-
130 1,2,3-Trichlorobenzene	0.83470	0.96411	0.96411	0.100	15.50340	30.00000	Averaged	

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4469bfb.d
Lab Smp Id: 1000 Client Smp ID: V4BFB01
Inj Date : 22-JUL-2006 12:51
Operator : RSS Inst ID: msv4.i
Smp Info : 1000*V4BFB01
Misc Info : MSV~8729~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/bfb1.m
Meth Date : 08-Jul-2006 10:02 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
10.176	10.200	(0.000)	95	90672			100.00- 100.00	100.00
10.176	10.200	(0.000)	50	24453			15.00- 40.00	26.97
10.176	10.200	(0.000)	75	46320			30.00- 60.00	51.09
10.176	10.200	(0.000)	96	6210			5.00- 9.00	6.85
10.176	10.200	(0.000)	173	120			0.00- 2.00	0.16
10.176	10.200	(0.000)	174	74368			50.00- 120.00	82.02
10.176	10.200	(0.000)	175	3727			5.00- 9.00	5.01
10.176	10.200	(0.000)	176	74976			95.00- 101.00	100.82
10.176	10.200	(0.000)	177	4664			5.00- 9.00	6.22

Data File: /var/chem/msv4.i/2060722q.s.b/v4469bfb.d

Date : 22-JUL-2006 12:51

Client ID: V4BFB01

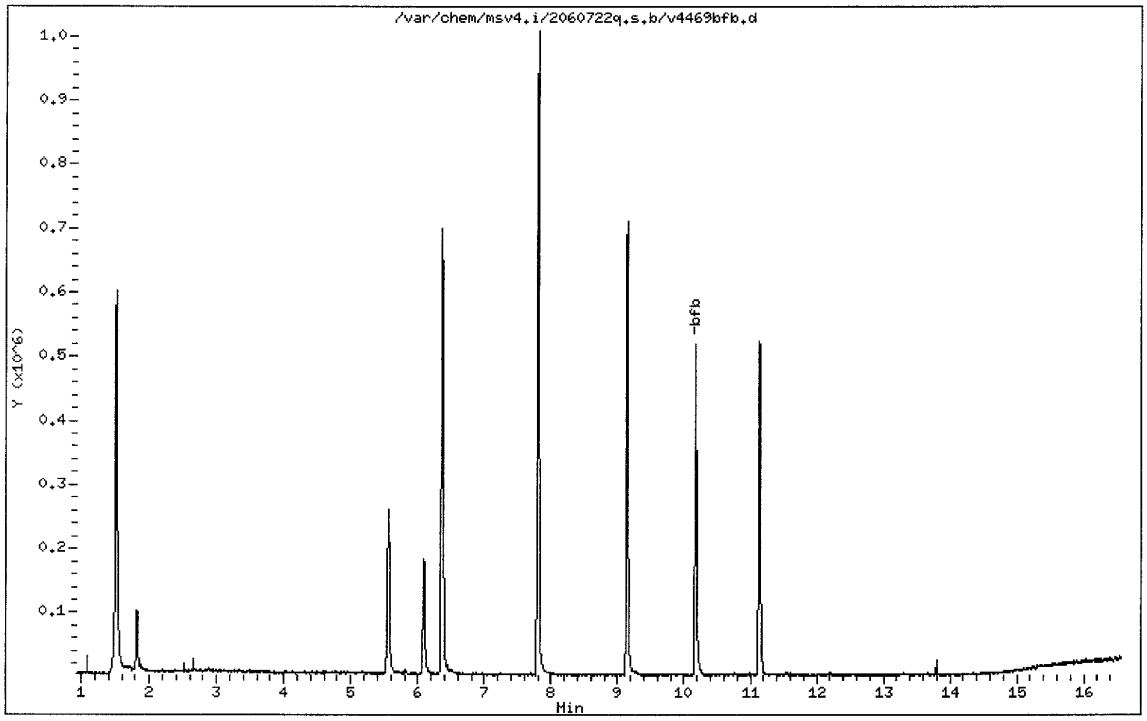
Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



188302

Data File: /var/chem/msv4.i/2060722q.s.b/v4469bfb.d

Date : 22-JUL-2006 12:51

Client ID: V4BFB01

Instrument: msv4.i

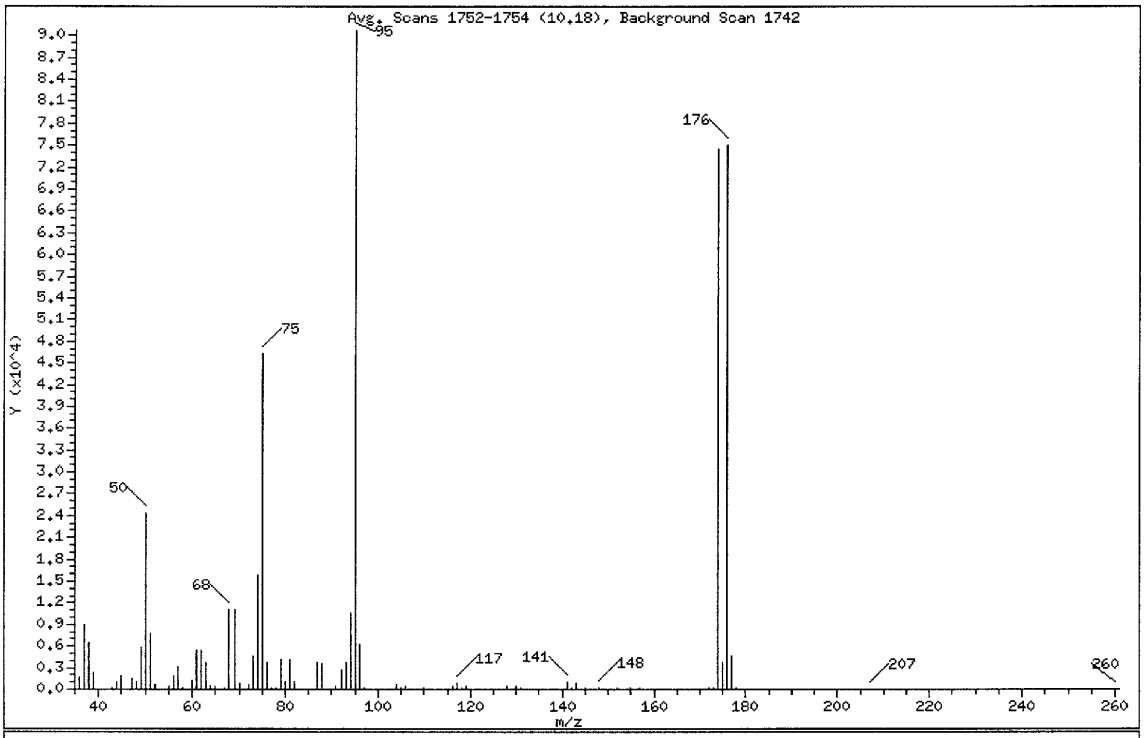
Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	26.97
75	30.00 - 60.00% of mass 95	51.09
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.13 (0.16)
174	50.00 - 120.00% of mass 95	82.02
175	5.00 - 9.00% of mass 174	4.11 (5.01)
176	95.00 - 101.00% of mass 174	82.69 (100.82)
177	5.00 - 9.00% of mass 176	5.14 (6.22)

188303

Data File: /var/chem/msv4.i/20060722q.s.b/v4469bfb.d

Date : 22-JUL-2006 12:51

Client ID: V4BFB01

Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

Data File: v4469bfb.d
Spectrum: Avg. Scans 1752-1754 (10.18), Background Scan 1742
Location of Maximum: 95.00
Number of points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1657	68.00	11109	97.00	259	145.00	164
37.00	8901	69.00	11024	103.00	50	148.00	210
38.00	6447	70.00	930	104.00	597	150.00	61
39.00	2380	71.00	58	105.00	115	152.00	116
43.00	155	72.00	713	106.00	504	155.00	196
44.00	979	73.00	4524	110.00	175	157.00	147
45.00	1828	74.00	15749	115.00	52	161.00	52
47.00	1522	75.00	46320	116.00	352	171.00	60
48.00	987	76.00	3756	117.00	833	172.00	287
49.00	5758	77.00	152	118.00	233	173.00	120
50.00	24448	78.00	177	119.00	480	174.00	74368
51.00	7651	79.00	4181	124.00	53	175.00	3727
52.00	544	80.00	1118	126.00	57	176.00	74976
55.00	456	81.00	4089	128.00	353	177.00	4664
56.00	1942	82.00	1028	129.00	81	178.00	146
57.00	3158	87.00	3696	130.00	406	179.00	59
58.00	158	88.00	3610	131.00	158	206.00	56
60.00	1330	89.00	103	132.00	77	207.00	74
61.00	5453	91.00	404	135.00	76	214.00	51
62.00	5320	92.00	2647	136.00	89	220.00	50
63.00	3693	93.00	3715	137.00	65	260.00	56
64.00	405	94.00	10696	141.00	943		
65.00	359	95.00	90672	142.00	191		
67.00	179	96.00	6210	143.00	801		

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4472.d
Lab Smp Id: 1400 Client Smp ID: V4STD050
Inj Date : 22-JUL-2006 14:10
Operator : ABD Inst ID: msv4.i
Smp Info : 1400*V4STD050*5-50-8
Misc Info : MSV~8729~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:50 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.652	1.652	(0.259)	250749	50.0000	51.1	7618
2 Chloromethane ++	50	1.826	1.826	(0.287)	242580	50.0000	37.2	7840
3 Vinyl Chloride +	62	1.895	1.895	(0.297)	232477	50.0000	50.9	7939
5 Bromomethane	94	2.169	2.169	(0.341)	91429	50.0000	39.1	9081
7 Chloroethane	64	2.285	2.285	(0.359)	103448	50.0000	43.9	7690
8 Trichlorofluoromethane	101	2.407	2.407	(0.378)	218436	50.0000	46.8	8630
10 1,1-Dichloroethene +	96	2.871	2.871	(0.451)	110403	50.0000	47.5	6809
11 Carbon Disulfide	76	2.903	2.903	(0.456)	487637	50.0000	44.8	8110
12 1,1,2Trichlotrifluoroethane	101	2.914	2.914	(0.457)	160401	50.0000	49.5	8785
13 Methyl Iodide	142	3.019	3.019	(0.474)	162070	50.0000	50.1	6760
14 Acrolein	56	3.225	3.225	(0.506)	193041	250.000	225	3183(A)
15 Methylene Chloride	49	3.494	3.494	(0.548)	260090	50.0000	37.0	8491
17 Acetone	43	3.552	3.552	(0.558)	174663	50.0000	65.1	5103

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.679	3.679	(0.577)	227052	50.0000	48.1	6828
	19 Methyl Acetate	43	3.705	3.705	(0.582)	325838	50.0000	53.7	5322
	20 Hexane	57	3.790	3.790	(0.595)	377548	50.0000	46.9	8746
	21 MTBE	73	3.821	3.821	(0.600)	548389	50.0000	46.4	6187
	26 1,1-Dichloroethane ++	63	4.450	4.450	(0.698)	296068	50.0000	47.4	8637
	27 Acrylonitrile	53	4.529	4.529	(0.711)	812952	250.000	250	6379(A)
	30 Vinyl Acetate	43	4.777	4.777	(0.750)	433848	50.0000	39.1	
	31 cis-1,2-Dichloroethene	61	5.078	5.078	(0.797)	244296	50.0000	47.0	7252
	33 2,2-Dichloropropane	77	5.189	5.189	(0.814)	196608	50.0000	46.5	6390
	35 Cyclohexane	56	5.284	5.284	(0.829)	281489	50.0000	51.4	6008
	37 Bromochloromethane	128	5.289	5.289	(0.830)	86907	50.0000	49.8	7136
	39 Chloroform +	83	5.384	5.384	(0.845)	284828	50.0000	46.1	8881
	42 Carbon Tetrachloride	117	5.510	5.510	(0.865)	178866	50.0000	57.0	8141
$	44 Dibromofluoromethane	111	5.569	5.569	(0.874)	191715	50.0000	46.7	5558
	45 1,1,1-Trichloroethane	97	5.584	5.584	(0.877)	213325	50.0000	49.8	9305
	46 2-Butanone	43	5.711	5.711	(0.896)	468956	50.0000	44.7	
	47 1,1-Dichloropropene	75	5.711	5.711	(0.896)	209712	50.0000	52.3	8258
	53 Benzene	78	5.959	5.959	(0.935)	609280	50.0000	51.7	8261
$	54 1,2-Dichloroethane-d4	67	6.102	6.102	(0.958)	132358	50.0000	47.6	9446
	55 1,2-Dichloroethane	62	6.165	6.165	(0.968)	300436	50.0000	47.1	8209
*	58 FLUOROBENZENE	96	6.371	6.371	(1.000)	596170	50.0000		9515
	59 Methyl cyclohexane	83	6.513	6.513	(1.022)	236711	50.0000	54.9	9244
	60 Trichloroethene	130	6.534	6.534	(1.026)	184742	50.0000	63.4	9020
	62 Dibromomethane	93	6.925	6.925	(1.087)	151577	50.0000	49.3	8659
	64 1,2-Dichloropropane +	63	7.015	7.015	(1.101)	195150	50.0000	49.4	9110
M	65 Total 1,2-Dichloroethene	61				471348	100.000	95.0	0
	67 Bromodichloromethane	83	7.078	7.078	(1.111)	252099	50.0000	49.8	9057
	71 1-Bromo-2-chloroethane	144	7.511	7.511	(1.179)	33614	50.0000	56.0	8992
	72 2-Chloroethyl vinyl ether	63	7.590	7.590	(1.191)	41493	50.0000	18.3	2182
	74 cis-1,3-Dichloropropene	75	7.648	7.648	(1.200)	301750	50.0000	51.1	
M	75 1-3 Dichloropropene-Total	100				593184	100.000	99.5	0
$	76 Toluene-d8	98	7.807	7.807	(0.854)	559884	50.0000	60.4	9377
	77 Toluene +	91	7.849	7.849	(0.859)	630657	50.0000	58.0	9316
	80 Tetrachloroethene	164	8.181	8.181	(0.895)	126408	50.0000	68.7	8879
	81 4-methyl-2-pentanone	43	8.187	8.187	(0.895)	665664	50.0000	54.2	
	82 trans-1,3-Dichloropropene	75	8.218	8.218	(0.899)	291434	50.0000	51.6	
	83 1,1,2-Trichloroethane	97	8.355	8.355	(0.914)	177638	50.0000	52.6	9064
	85 Dibromochloromethane	129	8.509	8.509	(0.931)	199430	50.0000	55.5	8729
	86 1,3-Dichloropropane	76	8.593	8.593	(0.940)	305024	50.0000	52.2	8827
	87 1,2-Dibromoethane(EDB)	107	8.714	8.714	(0.953)	213358	50.0000	54.9	8166
	88 2-Hexanone	43	8.899	8.899	(0.973)	578684	50.0000	56.4	7846
	89 1-Chlorohexane	91	9.131	9.131	(0.999)	260551	50.0000	72.6	7892
*	90 Chlorobenzene-d5	82	9.142	9.142	(1.000)	238217	50.0000		7253
	91 Chlorobenzene ++	112	9.158	9.158	(1.002)	418944	50.0000	55.5	8885
	92 Ethylbenzene +	91	9.174	9.174	(1.003)	741737	50.0000	57.6	7217
	93 1,1,1,2-Tetrachloroethane	133	9.211	9.211	(1.008)	142869	50.0000	54.6	7779
	95 p,m-Xylene	106	9.295	9.295	(1.017)	520772	100.000	118	9461

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.665	9.665	(1.057)	262705	50.0000	60.7	
99 Styrene	104	9.707	9.707	(1.062)	456498	50.0000	60.8	8723
100 Bromoform ++	173	9.738	9.738	(1.065)	160899	50.0000	55.4	8084
101 Isopropylbenzene	105	9.923	9.923	(1.085)	629956	50.0000	62.3	9291
$ 103 Bromofluorobenzene	174	10.177	10.177	(1.113)	191099	50.0000	60.3	8974
104 Bromobenzene	77	10.272	10.272	(0.923)	332988	50.0000	51.4	6981
105 n-Propylbenzene	91	10.277	10.277	(0.923)	827070	50.0000	58.1	8120
106 1,1,2,2-Tetrachloroethane++	83	10.340	10.340	(0.929)	255887	50.0000	42.8	3301
107 2-Chlorotoluene	91	10.419	10.419	(0.936)	557904	50.0000	55.0	8917(H)
108 1,3,5-Trimethylbenzene	105	10.435	10.435	(0.937)	560365	50.0000	58.3	
109 1,2,3-Trichloropropane	75	10.467	10.467	(0.940)	360879	50.0000	51.4	3767(H)
110 trans-1,4-Dichloro-2-Butene	53	10.493	10.493	(0.943)	82920	50.0000	55.4	9000
111 4-Chlorotoluene	91	10.562	10.562	(0.949)	493010	50.0000	55.0	9144
112 tert-butylbenzene	91	10.715	10.715	(0.963)	322115	50.0000	59.0	9181
114 1,2,4-Trimethylbenzene	105	10.773	10.773	(0.968)	549328	50.0000	57.2	
116 sec-Butylbenzene	105	10.868	10.868	(0.976)	739792	50.0000	60.0	
117 p-Isopropyltoluene	119	10.984	10.984	(0.987)	587876	50.0000	62.5	6979
120 1,3-Dichlorobenzene	146	11.074	11.074	(0.995)	294816	50.0000	56.4	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.132	(1.000)	191974	50.0000		8276
122 1,4-Dichlorobenzene	146	11.148	11.148	(1.001)	314314	50.0000	53.9	
123 n-Butylbenzene	91	11.359	11.359	(1.020)	572075	50.0000	62.2	9225
M 124 TOTAL XYLENE	106				783477	150.000	179	0
125 1,2-Dichlorobenzene	146	11.538	11.538	(1.036)	292300	50.0000	55.6	
126 1,2-Dibromo-3-Chloropropane	157	12.367	12.367	(1.111)	77751	50.0000	57.4	5292
127 Hexachlorobutadiene	225	13.143	13.143	(1.181)	103618	50.0000	60.7	8891
128 1,2,4-Trichlorobenzene	180	13.201	13.201	(1.186)	184313	50.0000	54.8	
129 Napthalene	128	13.581	13.581	(1.220)	528803	50.0000	55.7	6176
130 1,2,3-Trichlorobenzene	180	13.787	13.787	(1.238)	185084	50.0000	57.8	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

000336

Data File: /var/chem/msv4.i/2060722q.s.b/v4472.d

Page 1

Date : 22-JUL-2006 14:10

Client ID: V4STD050

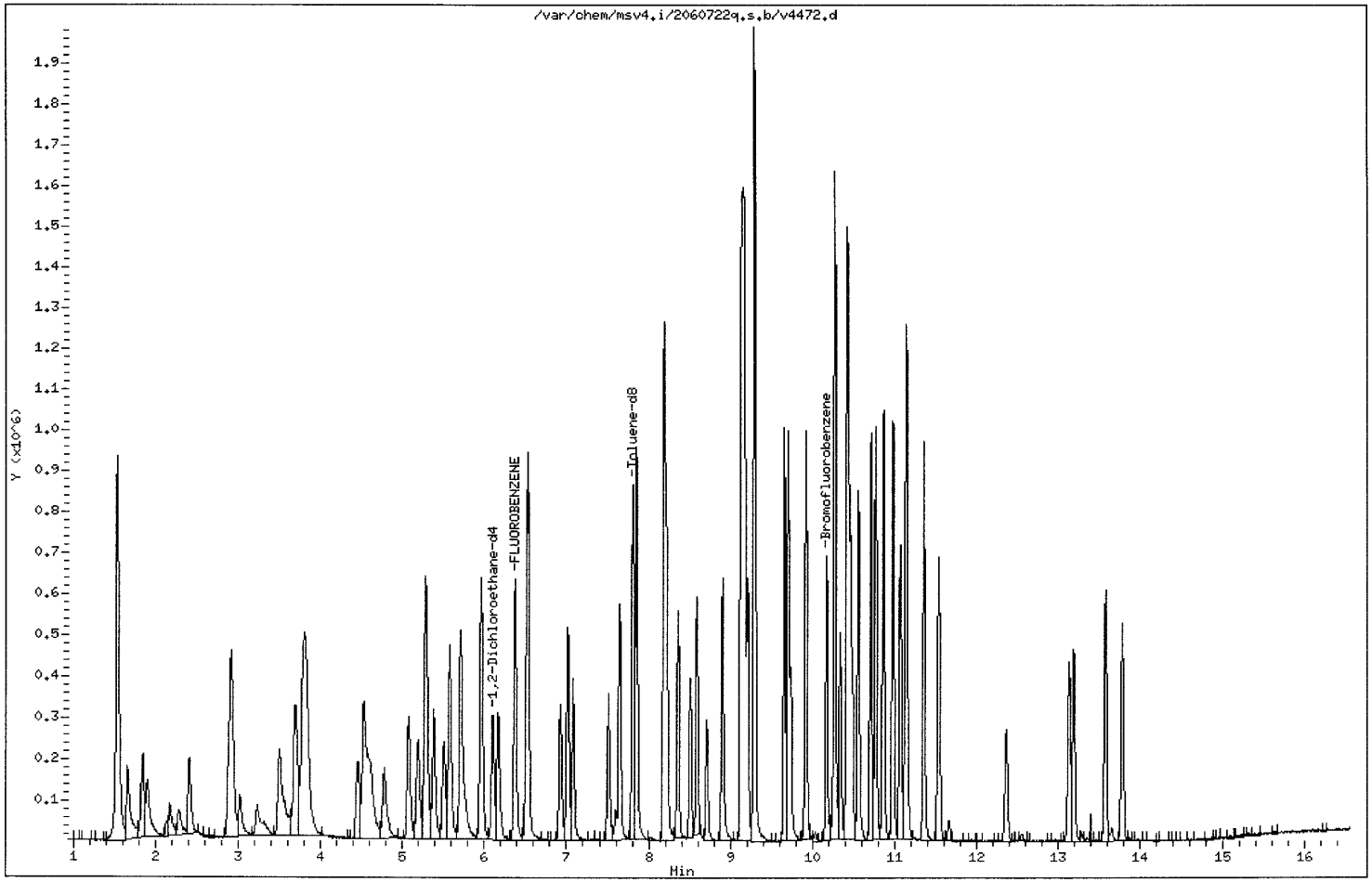
Instrument: msv4.i

Sample Info: 1400*V4STD050*5-50-8

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

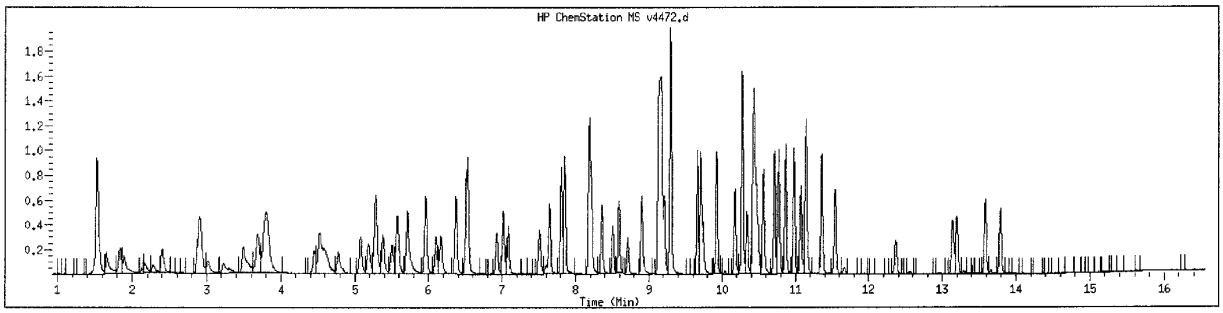


188308

Data file : /var/chem/msv4.i/2060722q.s.b/v4472.d Page: 1
Report Date: 07/22/2006 16:50

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 1400 SampleType : CCALIB_3
Injection Date: 22-JUL-2006 14:10 Instrument : msv4.i
Operator : ABD
Sample Info : 1400*V4STD050*5-50-8
Misc Info : MSV~8729~*1*ABD
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



NO MANUAL INTEGRATIONS

188309

Data File: /var/chem/msv4.i/2060722q.s.b/v4473.d
Report Date: 22-Jul-2006 16:52

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i
Lab File ID: v4473.d
Analysis Type: SOIL
Lab Sample ID: 1400
Method: /var/chem/msv4.i/2060722q.s.b/8260Bs4.m

Injection Date: 22-JUL-2006 14:48
Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Init. Cal. Times: 22:30 11:26
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
4 1,3 Butadiene	0.25154	0.33692	0.33692	0.100	33.94291	30.00000	Averaged	<-
9 Ethyl Ether	102	250	0.20758	0.100	-59.23135	0.000e+00	Quadratic	<-
23 Acetonitrile	250	++++	0.03666	0.010	++++	0.000e+00	Quadratic	<-
24 Isopropyl Ether	1.46155	1.26550	1.26550	0.100	-13.41374	30.00000	Averaged	
57 Isobutyl Alcohol	250	++++	0.00388	0.100	++++	0.000e+00	Quadratic	<-
68 N-Butyl Alcohol	289	250	0.06056	0.010	15.45691	0.000e+00	Quadratic	<-
69 Methyl Methacrylate	0.39200	0.33733	0.33733	0.100	-13.94596	30.00000	Averaged	
49 Ethyl Methacrylate	++++	1.05102	1.05102	0.100	++++	30.00000	Averaged	<-
113 Pentachloroethane	++++	0.32321	0.32321	0.100	++++	30.00000	Averaged	<-

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4469bfb.d
Lab Smp Id: 1000 Client Smp ID: V4BFB01
Inj Date : 22-JUL-2006 12:51
Operator : RSS Inst ID: msv4.i
Smp Info : 1000*V4BFB01
Misc Info : MSV~8729~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/bfb1.m
Meth Date : 08-Jul-2006 10:02 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
10.176	10.200	(0.000)	95	90672			100.00- 100.00	100.00
10.176	10.200	(0.000)	50	24453			15.00- 40.00	26.97
10.176	10.200	(0.000)	75	46320			30.00- 60.00	51.09
10.176	10.200	(0.000)	96	6210			5.00- 9.00	6.85
10.176	10.200	(0.000)	173	120			0.00- 2.00	0.16
10.176	10.200	(0.000)	174	74368			50.00- 120.00	82.02
10.176	10.200	(0.000)	175	3727			5.00- 9.00	5.01
10.176	10.200	(0.000)	176	74976			95.00- 101.00	100.82
10.176	10.200	(0.000)	177	4664			5.00- 9.00	6.22

Data File: /var/chem/msv4.i/2060722q.s.b/v4469bfb.d

Date : 22-JUL-2006 12:51

Client ID: V4BFB01

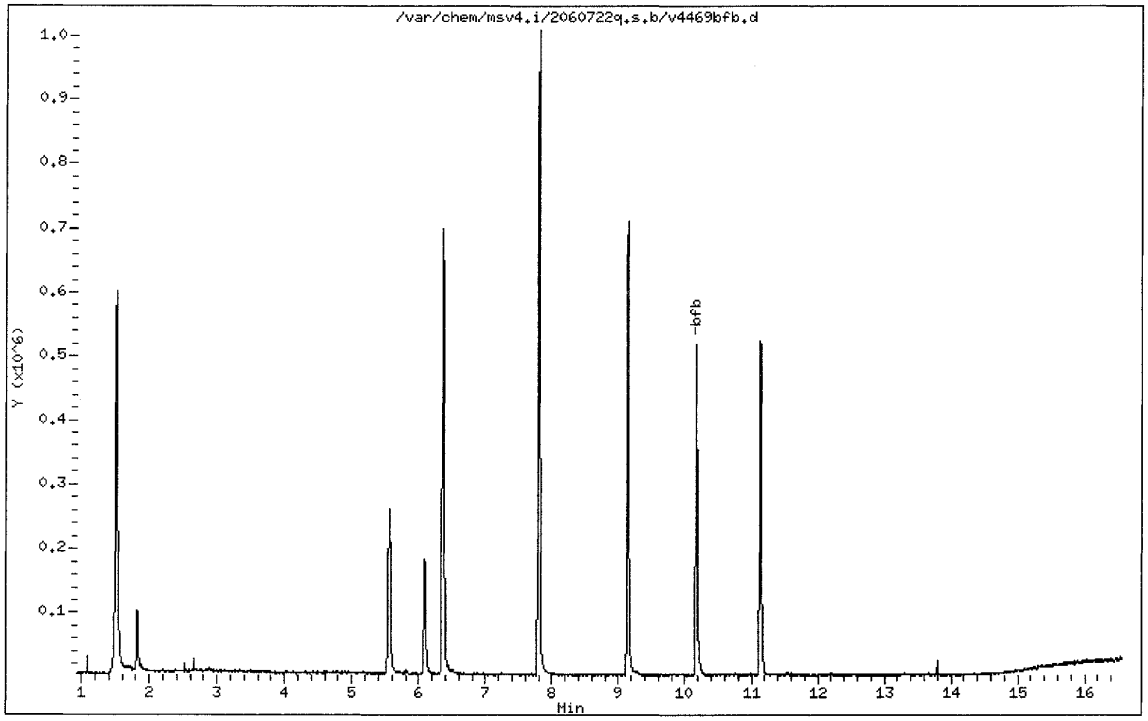
Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



188312

Data File: /var/chem/msv4.i/2060722q.s.b/v4469bfb.d

Date : 22-JUL-2006 12:51

Client ID: V4BFB01

Instrument: msv4.i

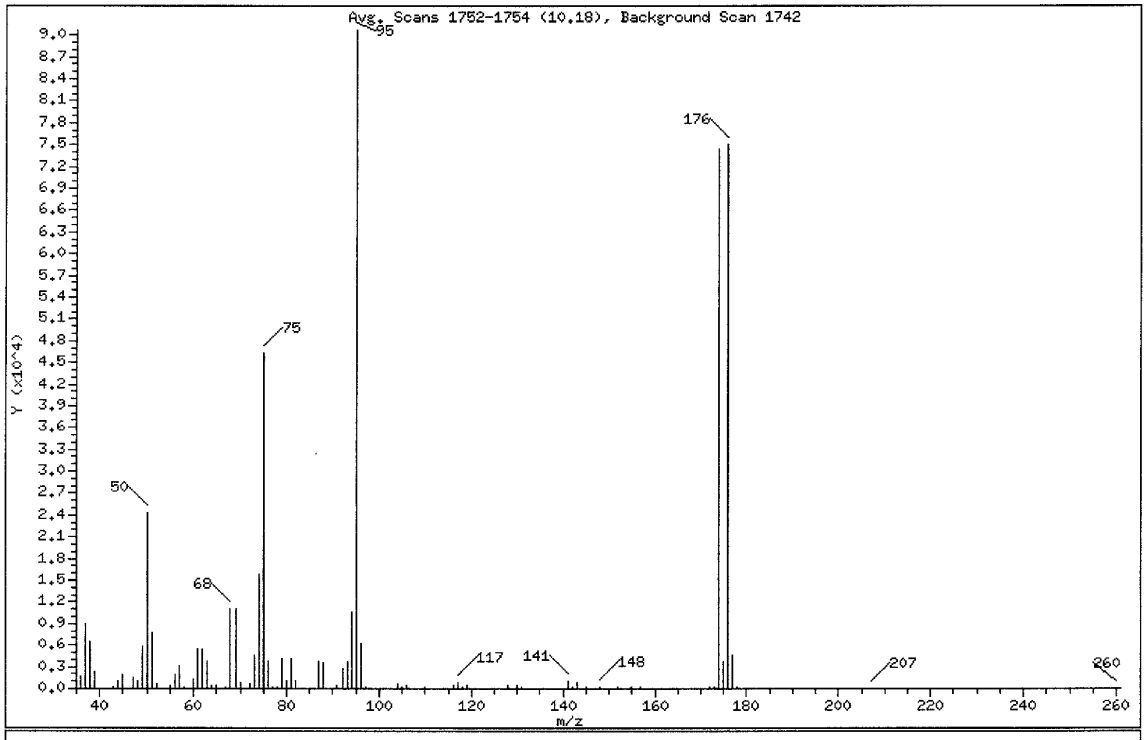
Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	26.97
75	30.00 - 60.00% of mass 95	51.09
96	5.00 - 9.00% of mass 95	6.85
173	Less than 2.00% of mass 174	0.13 (0.16)
174	50.00 - 120.00% of mass 95	82.02
175	5.00 - 9.00% of mass 174	4.11 (5.01)
176	95.00 - 101.00% of mass 174	82.69 (100.82)
177	5.00 - 9.00% of mass 176	5.14 (6.22)

188313

Data File: /var/chem/msv4.i/2060722q.s.b/v4469bfb.d

Date : 22-JUL-2006 12:51

Client ID: V4BFB01

Instrument: msv4.i

Sample Info: 1000*V4BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

Data File: v4469bfb.d
Spectrum: Avg. Scans 1752-1754 (10.18), Background Scan 1742
Location of Maximum: 95.00
Number of points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1657	68.00	11109	97.00	259	145.00	164
37.00	8901	69.00	11024	103.00	50	148.00	210
38.00	6447	70.00	930	104.00	597	150.00	61
39.00	2380	71.00	58	105.00	115	152.00	116
43.00	155	72.00	713	106.00	504	155.00	196
44.00	979	73.00	4524	110.00	175	157.00	147
45.00	1828	74.00	15749	115.00	52	161.00	52
47.00	1522	75.00	46320	116.00	352	171.00	60
48.00	987	76.00	3756	117.00	833	172.00	287
49.00	5758	77.00	152	118.00	233	173.00	120
50.00	24448	78.00	177	119.00	480	174.00	74368
51.00	7651	79.00	4181	124.00	53	175.00	3727
52.00	544	80.00	1118	126.00	57	176.00	74976
55.00	456	81.00	4089	128.00	353	177.00	4664
56.00	1942	82.00	1028	129.00	81	178.00	146
57.00	3158	87.00	3696	130.00	406	179.00	59
58.00	158	88.00	3610	131.00	158	206.00	56
60.00	1330	89.00	103	132.00	77	207.00	74
61.00	5453	91.00	404	135.00	76	214.00	51
62.00	5320	92.00	2647	136.00	89	220.00	50
63.00	3693	93.00	3715	137.00	65	260.00	56
64.00	405	94.00	10696	141.00	943		
65.00	359	95.00	90672	142.00	191		
67.00	179	96.00	6210	143.00	801		

188314

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4473.d
Lab Smp Id: 1400 Client Smp ID: V4STD050APP9
Inj Date : 22-JUL-2006 14:48
Operator : ABD Inst ID: msv4.i
Smp Info : 1400*V4STD050APP9
Misc Info : MSV~8729~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:52 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.906	1.906	(0.299)	213456	50.0000	67.0	9373
9 Ethyl Ether	59	2.682	2.682	(0.421)	657561	250.000	102	9484
24 Isopropyl Ether	45	4.318	4.318	(0.678)	801753	50.0000	43.3	9220
* 58 FLUOROBENZENE	96	6.371	6.371	(1.000)	633546	50.0000		9341
68 N-Butyl Alcohol	56	6.989	6.989	(1.097)	191825	250.000	289	4345
69 Methyl Methacrylate	69	7.237	7.237	(1.136)	213713	50.0000	43.0	8639
* 90 Chlorobenzene-d5	82	9.148	9.148	(1.000)	245633	50.0000		9140
* 121 1,4-DICHLOROBENZENE-D4	152	11.138	11.138	(1.000)	181048	50.0000		8935

000344

Data File: /var/chem/msv4.i/2060722q.s.b/v4473.d

Page 1

Date : 22-JUL-2006 14:48

Client ID: V4STD050APP9

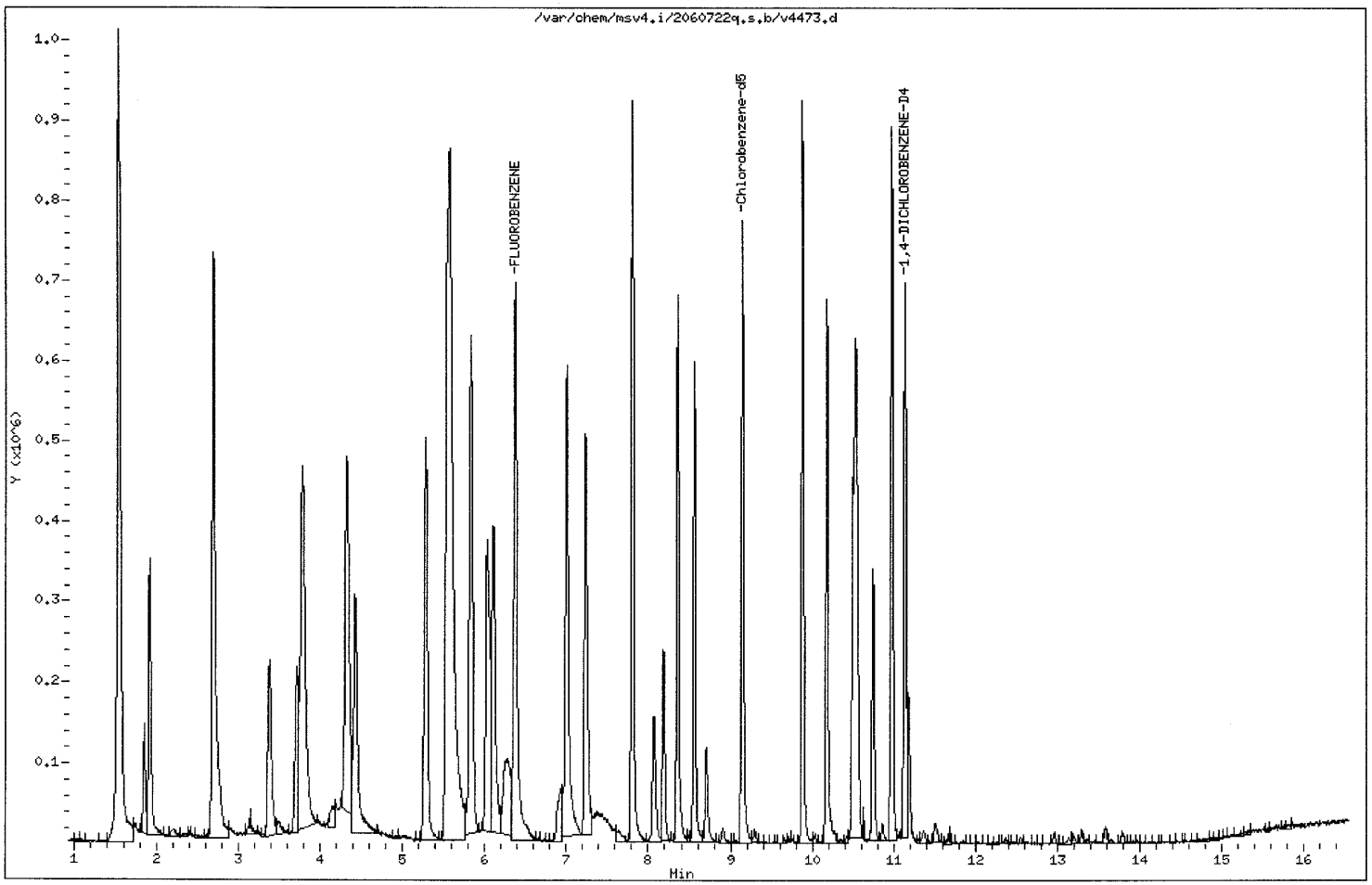
Instrument: msv4.i

Sample Info: 1400*V4STD050APP9

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

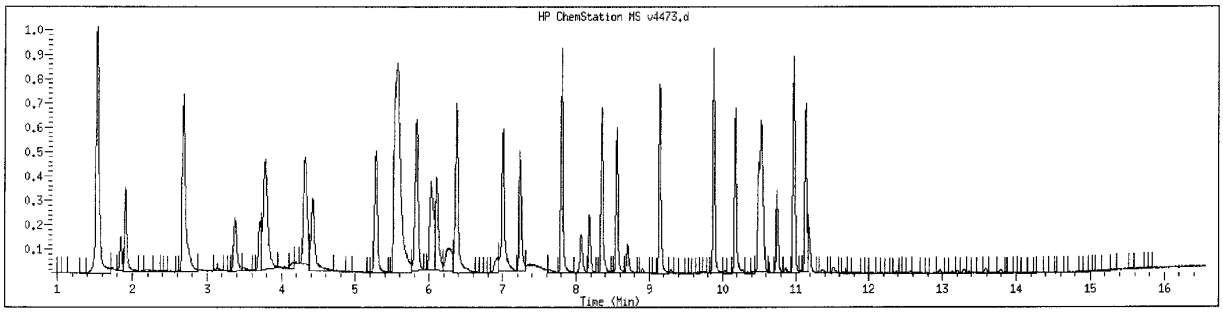


188316

Data file : /var/chem/msv4.i/2060722q.s.b/v4473.d Page: 1
Report Date: 07/22/2006 16:52

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 1400 SampleType : CCALIB_3
Injection Date: 22-JUL-2006 14:48 Instrument : msv4.i
Operator : ABD
Sample Info : 1400*V4STD050APP9
Misc Info : MSV~8729~*1*ABD
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: PBWA9



NO MANUAL INTEGRATIONS

188317

Data File: /var/chem/msv4.i/2060723.s.b/v4507.d
Report Date: 24-Jul-2006 15:42

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i
Lab File ID: v4507.d
Analysis Type: SOIL
Lab Sample ID: 1400
Method: /var/chem/msv4.i/2060723.s.b/8260Bs4.m

Injection Date: 23-JUL-2006 06:54
Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Init. Cal. Times: 22:30 11:26
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
1 Dichlorodifluoromethane	0.41191	0.42543	0.42543	0.010	3.28163	30.00000	Averaged	
2 Chloromethane ++	0.54623	0.31118	0.31118	0.100	-43.03178	30.00000	Averaged	<-
3 Vinyl Chloride +	0.38325	0.37139	0.37139	0.010	-3.09443	20.00000	Averaged	
5 Bromomethane	0.19622	0.10342	0.10342	0.010	-47.29309	30.00000	Averaged	<-
7 Chloroethane	0.19764	0.20194	0.20194	0.010	2.17488	30.00000	Averaged	
8 Trichlorofluoromethane	0.39165	0.43172	0.43172	0.010	10.22973	30.00000	Averaged	
10 1,1-Dichloroethene +	0.19489	0.20776	0.20776	0.010	6.60455	20.00000	Averaged	
11 Carbon Disulfide	0.91364	0.95613	0.95613	0.100	4.65132	30.00000	Averaged	
12 1,1,2Trichlotrifluoroethane	0.27199	0.29960	0.29960	0.010	10.15234	30.00000	Averaged	
13 Methyl Iodide	0.27133	0.24592	0.24592	0.010	-9.36556	30.00000	Averaged	
14 Acrolein	280	250	0.08078	0.001	11.93542	0.000e+00	Linear	<-
15 Methylene Chloride	40.89654	50.00000	0.47491	0.100	-18.20692	0.000e+00	Quadratic	<
17 Acetone	51.57882	50.00000	0.23439	0.010	3.15764	0.000e+00	Linear	<-
18 trans-1,2-Dichloroethene	0.39598	0.40940	0.40940	0.100	3.38837	30.00000	Averaged	
19 Methyl Acetate	0.50873	0.54162	0.54162	0.010	6.46399	30.00000	Averaged	
20 Hexane	0.67562	0.67317	0.67317	0.100	-0.36162	30.00000	Averaged	
21 MTBE	0.99074	0.96628	0.96628	0.100	-2.46799	30.00000	Averaged	
26 1,1-Dichloroethane ++	0.52367	0.53676	0.53676	0.100	2.50110	30.00000	Averaged	
27 Acrylonitrile	0.27226	0.33699	0.33699	0.010	23.77206	30.00000	Averaged	
30 Vinyl Acetate	0.93045	0.91153	0.91153	0.100	-2.03299	30.00000	Averaged	
31 cis-1,2-Dichloroethene	0.43639	0.43760	0.43760	0.100	0.27714	30.00000	Averaged	
33 2,2-Dichloropropane	0.35476	0.36348	0.36348	0.100	2.45632	30.00000	Averaged	
35 Cyclohexane	0.45962	0.47684	0.47684	0.100	3.74597	30.00000	Averaged	
37 Bromochloromethane	0.14644	0.13955	0.13955	0.100	-4.70884	30.00000	Averaged	
39 Chloroform +	0.51788	0.52332	0.52332	0.100	1.05054	20.00000	Averaged	
42 Carbon Tetrachloride	0.26329	0.32364	0.32364	0.100	22.92358	30.00000	Averaged	
$ 44 Dibromofluoromethane	0.34396	0.39230	0.39230	0.010	14.05407	30.00000	Averaged	
45 1,1,1-Trichloroethane	0.35934	0.39406	0.39406	0.100	9.66328	30.00000	Averaged	
46 2-Butanone	0.87954	0.92581	0.92581	0.050	5.26064	30.00000	Averaged	
47 1,1-Dichloropropene	0.33638	0.36886	0.36886	0.100	9.65522	30.00000	Averaged	
53 Benzene	0.98789	1.05890	1.05890	0.100	7.18785	30.00000	Averaged	
$ 54 1,2-Dichloroethane-d4	0.23338	0.24635	0.24635	0.010	5.55877	30.00000	Averaged	
55 1,2-Dichloroethane	0.53524	0.53183	0.53183	0.100	-0.63767	30.00000	Averaged	
59 Methyl cyclohexane	0.36174	0.41856	0.41856	0.100	15.70632	30.00000	Averaged	
60 Trichloroethene	0.24423	0.26258	0.26258	0.100	7.51619	30.00000	Averaged	

188318

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i
Lab File ID: v4507.d
Analysis Type: SOIL
Lab Sample ID: 1400
Method: /var/chem/msv4.i/2060723.s.b/8260Bs4.m

Injection Date: 23-JUL-2006 06:54
Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Init. Cal. Times: 22:30 11:26
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
62 Dibromomethane	0.25779	0.26344	0.26344	0.100	2.18913	30.00000	Averaged
64 1,2-Dichloropropane +	0.33115	0.32491	0.32491	0.100	-1.88595	20.00000	Averaged
M 65 Total 1,2-Dichloroethene	0.41618	0.42350	0.42350	0.100	1.75723	30.00000	Averaged
67 Bromodichloromethane	0.42433	0.42881	0.42881	0.100	1.05420	30.00000	Averaged
71 1-Bromo-2-chloroethane	0.05036	0.05182	0.05182	0.100	2.89710	30.00000	Averaged <-
72 2-Chloroethyl vinyl ether	23.36530	50.00000	0.09328	0.010	-53.26941	0.000e+00	Quadratic <-
74 cis-1,3-Dichloropropene	0.49479	0.50230	0.50230	0.100	1.51881	30.00000	Averaged
M 75 1-3 Dichloropropene-Total	0.50023	0.49941	0.49941	0.100	-0.16511	30.00000	Averaged
$ 76 Toluene-d8	1.94515	2.62283	2.62283	0.100	34.83986	30.00000	Averaged <-
77 Toluene +	2.28318	2.65755	2.65755	0.100	16.39668	20.00000	Averaged
80 Tetrachloroethene	0.38600	0.52388	0.52388	0.100	35.71970	30.00000	Averaged <-
81 4-methyl-2-pentanone	2.57726	3.09580	3.09580	0.100	20.11960	30.00000	Averaged
82 trans-1,3-Dichloropropene	1.18611	1.26761	1.26761	0.100	6.87140	30.00000	Averaged
83 1,1,2-Trichloroethane	0.70886	0.75367	0.75367	0.100	6.32152	30.00000	Averaged
85 Dibromochloromethane	0.75466	0.80221	0.80221	0.100	6.29972	30.00000	Averaged
86 1,3-Dichloropropane	1.22614	1.34415	1.34415	0.100	9.62484	30.00000	Averaged
87 1,2-Dibromoethane(EDB)	0.81522	0.91572	0.91572	0.100	12.32798	30.00000	Averaged
88 2-Hexanone	61.32996	50.00000	2.65426	0.100	22.65993	0.000e+00	Quadratic <-
89 1-Chlorohexane	0.75288	1.08181	1.08181	0.100	43.68912	30.00000	Averaged <-
91 Chlorobenzene ++	1.58473	1.77553	1.77553	0.300	12.03951	30.00000	Averaged
92 Ethylbenzene +	2.70088	3.23195	3.23195	0.100	19.66280	20.00000	Averaged
93 1,1,1,2-Tetrachloroethane	0.54970	0.61785	0.61785	0.100	12.39811	30.00000	Averaged
95 p,m-Xylene	0.92424	1.12199	1.12199	0.100	21.39527	30.00000	Averaged
96 o-Xylene	0.90901	1.11392	1.11392	0.100	22.54115	30.00000	Averaged
99 Styrene	1.57533	2.21104	2.21104	0.100	40.35438	30.00000	Averaged <-
100 Bromoform ++	0.60909	0.69352	0.69352	0.100	13.86227	30.00000	Averaged
101 Isopropylbenzene	2.12138	2.70817	2.70817	0.100	27.66055	30.00000	Averaged
$ 103 Bromofluorobenzene	0.66534	0.81110	0.81110	0.100	21.90769	30.00000	Averaged
104 Bromobenzene	1.68659	1.81919	1.81919	0.100	7.86224	30.00000	Averaged
105 n-Propylbenzene	3.70761	4.41873	4.41873	0.100	19.18002	30.00000	Averaged
106 1,1,2,2-Tetrachloroethane++	1.55857	1.76459	1.76459	0.300	13.21875	30.00000	Averaged
107 2-Chlorotoluene	2.64230	3.00902	3.00902	0.100	13.87888	30.00000	Averaged
108 1,3,5-Trimethylbenzene	2.50359	3.03357	3.03357	0.100	21.16901	30.00000	Averaged
109 1,2,3-Trichloropropane	1.82758	2.04991	2.04991	0.100	12.16489	30.00000	Averaged
110 trans-1,4-Dichloro-2-Butene	0.39010	0.48158	0.48158	0.010	23.45130	30.00000	Averaged

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i
Lab File ID: v4507.d
Analysis Type: SOIL
Lab Sample ID: 1400
Method: /var/chem/msv4.i/2060723.s.b/8260Bs4.m

Injection Date: 23-JUL-2006 06:54
Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Init. Cal. Times: 22:30 11:26
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
111 4-Chlorotoluene	2.33436	2.66032	2.66032	0.100	13.96396	30.00000	Averaged
112 tert-butylbenzene	1.42289	1.75592	1.75592	0.100	23.40550	30.00000	Averaged
114 1,2,4-Trimethylbenzene	2.50130	2.98662	2.98662	0.100	19.40290	30.00000	Averaged
116 sec-Butylbenzene	3.21126	4.06332	4.06332	0.100	26.53337	30.00000	Averaged
117 p-Isopropyltoluene	2.45019	3.10941	3.10941	0.100	26.90482	30.00000	Averaged
120 1,3-Dichlorobenzene	1.36117	1.52754	1.52754	0.100	12.22316	30.00000	Averaged
122 1,4-Dichlorobenzene	1.51986	1.69558	1.69558	0.100	11.56157	30.00000	Averaged
123 n-Butylbenzene	2.39684	3.09529	3.09529	0.100	29.14067	30.00000	Averaged
M 124 TOTAL XYLENE	0.91917	1.11930	1.11930	0.100	21.77301	30.00000	Averaged
125 1,2-Dichlorobenzene	1.36867	1.53745	1.53745	0.100	12.33159	30.00000	Averaged
126 1,2-Dibromo-3-Chloropropane	64.69174	50.00000	0.46109	0.100	29.38348	0.000e+00	Quadratic <-
127 Hexachlorobutadiene	0.44483	0.52323	0.52323	0.100	17.62501	30.00000	Averaged
128 1,2,4-Trichlorobenzene	55.36013	50.00000	0.96962	0.100	10.72025	0.000e+00	Linear <-
129 Napthalene	55.78525	50.00000	2.75855	0.100	11.57049	0.000e+00	Quadratic <-
130 1,2,3-Trichlorobenzene	0.83470	0.95682	0.95682	0.100	14.62978	30.00000	Averaged

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4506.d
Lab Smp Id: 1000 Client Smp ID: V4BFB
Inj Date : 23-JUL-2006 06:16
Operator : KCB Inst ID: msv4.i
Smp Info : 1000*V4BFB
Misc Info : MSV~8738~*1*KCB
Comment :
Method : /var/chem/msv4.i/2060723.s.b/bfb1.m
Meth Date : 08-Jul-2006 10:02 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
10.180	10.200	(0.000)	95	52217			100.00- 100.00	100.00
10.180	10.200	(0.000)	50	16270			15.00- 40.00	31.16
10.180	10.200	(0.000)	75	28494			30.00- 60.00	54.57
10.180	10.200	(0.000)	96	3884			5.00- 9.00	7.44
10.180	10.200	(0.000)	173	63			0.00- 2.00	0.15
10.180	10.200	(0.000)	174	40944			50.00- 120.00	78.41
10.180	10.200	(0.000)	175	2618			5.00- 9.00	6.39
10.180	10.200	(0.000)	176	38968			95.00- 101.00	95.17
10.180	10.200	(0.000)	177	2967			5.00- 9.00	7.61

Data File: /var/chem/msv4.i/2060723.s.b/v4506.d

Date : 23-JUL-2006 06:16

Client ID: V4BFB

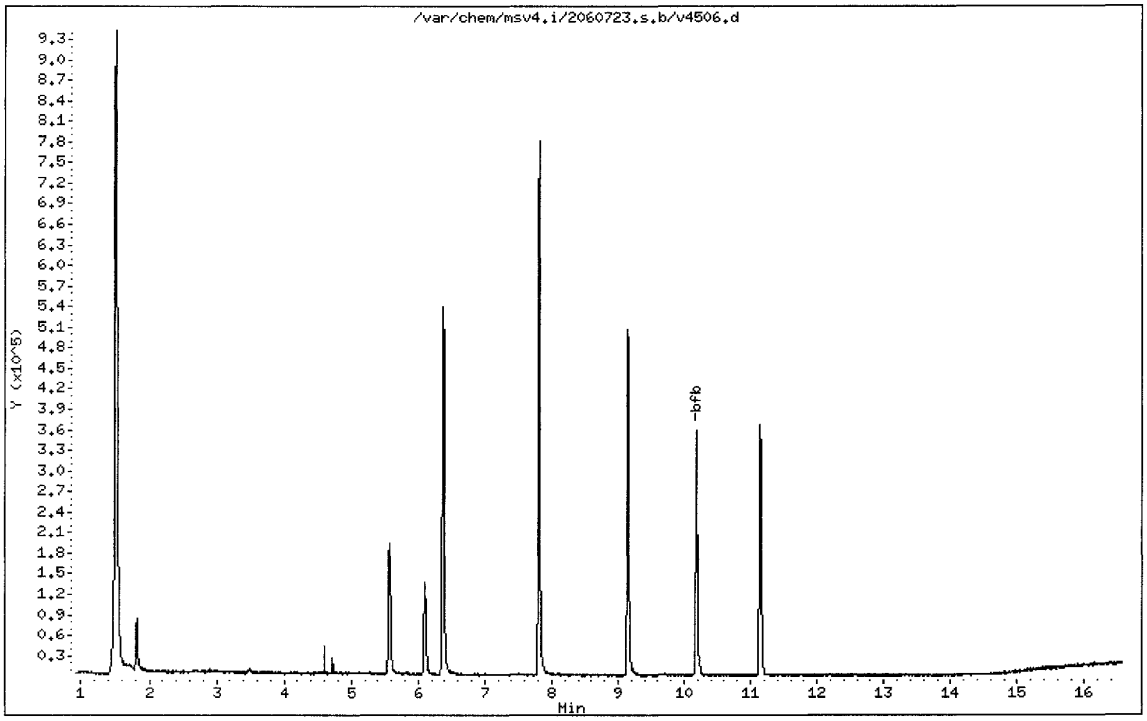
Instrument: msv4.i

Sample Info: 1000xV4BFB

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53



188322

Data File: /var/chem/msv4.i/2060723.s.b/v4506.d

Date : 23-JUL-2006 06:16

Client ID: V4BFB

Instrument: msv4.i

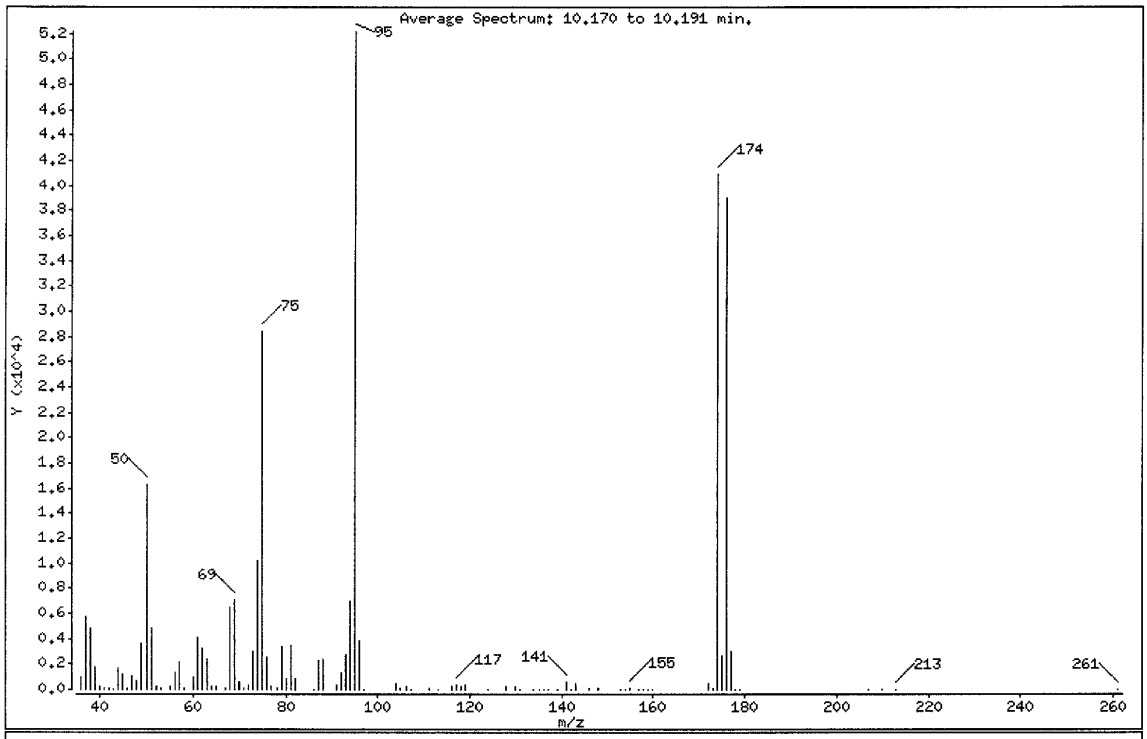
Sample Info: 1000*V4BFB

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	31.16
75	30.00 - 60.00% of mass 95	54.57
96	5.00 - 9.00% of mass 95	7.44
173	Less than 2.00% of mass 174	0.12 (0.15)
174	50.00 - 120.00% of mass 95	78.41
175	5.00 - 9.00% of mass 174	5.01 (6.39)
176	95.00 - 101.00% of mass 174	74.63 (95.17)
177	5.00 - 9.00% of mass 176	5.68 (7.61)

188323

Data File: /var/chem/msv4.i/2060723.s.b/v4506.d

Date : 23-JUL-2006 06:16

Client ID: V4BFB Instrument: msv4.i

Sample Info: 1000*V4BFB

Operator: KCB

Column phase: DB-624-30M Column diameter: 0.53

Data File: v4506.d
Spectrum: Average Spectrum: 10.170 to 10.191 min.
Location of Maximum: 95.00
Number of points: 97

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	976	63.00	2360	94.00	6952	143.00	469
37.00	5821	64.00	262	95.00	52216	146.00	68
38.00	4861	65.00	230	96.00	3884	148.00	65
39.00	1826	67.00	83	97.00	40	153.00	31
40.00	288	68.00	6429	104.00	428	154.00	38
41.00	108	69.00	7137	105.00	104	155.00	144
42.00	64	70.00	653	106.00	295	157.00	55
43.00	31	71.00	93	107.00	32	158.00	34
44.00	1666	72.00	407	111.00	71	159.00	48
45.00	1153	73.00	3053	113.00	30	160.00	49
46.00	68	74.00	10180	116.00	211	172.00	439
47.00	1089	75.00	28488	117.00	417	173.00	63
48.00	699	76.00	2558	118.00	201	174.00	40944
49.00	3634	77.00	262	119.00	356	175.00	2618
50.00	16270	78.00	160	124.00	45	176.00	38968
51.00	4830	79.00	3335	128.00	199	177.00	2967
52.00	264	80.00	870	130.00	227	178.00	30
53.00	71	81.00	3491	131.00	35	179.00	30
55.00	263	82.00	800	134.00	34	207.00	38
56.00	1378	86.00	35	135.00	32	210.00	31
57.00	2152	87.00	2262	136.00	31	213.00	40
58.00	169	88.00	2352	137.00	32	261.00	30
60.00	953	91.00	359	139.00	49		
61.00	4024	92.00	1367	141.00	581		
62.00	3247	93.00	2774	142.00	33		

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4507.d
Lab Smp Id: 1400 Client Smp ID: V4STD050
Inj Date : 23-JUL-2006 06:54
Operator : KCB Inst ID: msv4.i
Smp Info : 1400*V4STD050*5-50-8
Misc Info : MSV~8738~*1*KCB
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 24-Jul-2006 15:42 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.656	1.656	(0.260)	193625	50.0000	51.6	7608
2 Chloromethane ++	50	1.825	1.825	(0.286)	141626	50.0000	28.5	8019
3 Vinyl Chloride +	62	1.894	1.894	(0.297)	169033	50.0000	48.5	8021
5 Bromomethane	94	2.168	2.168	(0.340)	47071	50.0000	26.4	9369
7 Chloroethane	64	2.279	2.279	(0.357)	91907	50.0000	51.1	5601
8 Trichlorofluoromethane	101	2.406	2.406	(0.377)	196488	50.0000	55.1	8138
10 1,1-Dichloroethene +	96	2.881	2.881	(0.452)	94558	50.0000	53.3	7246
11 Carbon Disulfide	76	2.913	2.913	(0.456)	435164	50.0000	52.3	8265
12 1,1,2Trichlotrifluoroethane	101	2.928	2.928	(0.459)	136357	50.0000	55.1	8985
13 Methyl Iodide	142	3.023	3.023	(0.474)	111925	50.0000	45.3	7165
14 Acrolein	56	3.240	3.240	(0.508)	183836	250.000	280	3449(A)
15 Methylene Chloride	49	3.504	3.504	(0.549)	216145	50.0000	40.9	8599
17 Acetone	43	3.588	3.588	(0.562)	106679	50.0000	51.6	4826(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.683	3.683	(0.577)	186328	50.0000	51.7	6805
	19 Methyl Acetate	43	3.710	3.710	(0.581)	246507	50.0000	53.2	5457
	20 Hexane	57	3.789	3.789	(0.594)	306381	50.0000	49.8	8446
	21 MTBE	73	3.826	3.826	(0.600)	439785	50.0000	48.8	6123
	26 1,1-Dichloroethane ++	63	4.459	4.459	(0.699)	244297	50.0000	51.3	8677
	27 Acrylonitrile	53	4.538	4.538	(0.711)	766864	250.000	309	0(AM)
	30 Vinyl Acetate	43	4.786	4.786	(0.750)	414865	50.0000	49.0	
	31 cis-1,2-Dichloroethene	61	5.077	5.077	(0.796)	199165	50.0000	50.1	7246
	33 2,2-Dichloropropane	77	5.193	5.193	(0.814)	165429	50.0000	51.2	6448
	35 Cyclohexane	56	5.282	5.282	(0.828)	217025	50.0000	51.9	6045
	37 Bromochloromethane	128	5.298	5.298	(0.830)	63513	50.0000	47.6	7153
	39 Chloroform +	83	5.388	5.388	(0.844)	238180	50.0000	50.5	8518
	42 Carbon Tetrachloride	117	5.515	5.515	(0.864)	147300	50.0000	61.5	8093
$	44 Dibromofluoromethane	111	5.578	5.578	(0.874)	178549	50.0000	57.0	5515
	45 1,1,1-Trichloroethane	97	5.589	5.589	(0.876)	179350	50.0000	54.8	9433
	46 2-Butanone	43	5.731	5.731	(0.898)	421363	50.0000	52.6	
	47 1,1-Dichloropropene	75	5.721	5.721	(0.897)	167877	50.0000	54.8	8163
	53 Benzene	78	5.969	5.969	(0.935)	481936	50.0000	53.6	8266
$	54 1,2-Dichloroethane-d4	67	6.106	6.106	(0.957)	112122	50.0000	52.8	9451
	55 1,2-Dichloroethane	62	6.175	6.175	(0.968)	242050	50.0000	49.7	8238
*	58 FLUOROBENZENE	96	6.380	6.380	(1.000)	455130	50.0000		9400
	59 Methyl cyclohexane	83	6.523	6.523	(1.022)	190500	50.0000	57.9	9119
	60 Trichloroethene	130	6.539	6.539	(1.025)	119509	50.0000	53.8	8745
	62 Dibromomethane	93	6.935	6.935	(1.087)	119898	50.0000	51.1	8515
	64 1,2-Dichloropropane +	63	7.024	7.024	(1.101)	147875	50.0000	49.1	8889
M	65 Total 1,2-Dichloroethene	61				385493	100.000	102	0
	67 Bromodichloromethane	83	7.088	7.088	(1.111)	195163	50.0000	50.5	8903
	71 1-Bromo-2-chloroethane	144	7.515	7.515	(1.178)	23585	50.0000	51.4	8840
	72 2-Chloroethyl vinyl ether	63	7.605	7.605	(1.192)	42455	50.0000	23.4	2358
	74 cis-1,3-Dichloropropene	75	7.652	7.652	(1.199)	228612	50.0000	50.8	
M	75 1-3 Dichloropropene-Total	100				454591	100.000	99.8	0
$	76 Toluene-d8	98	7.811	7.811	(0.854)	467578	50.0000	67.4	9190
	77 Toluene +	91	7.858	7.858	(0.859)	473766	50.0000	58.2	9292
	80 Tetrachloroethene	164	8.191	8.191	(0.896)	93393	50.0000	67.9	8712
	81 4-methyl-2-pentanone	43	8.196	8.196	(0.896)	551894	50.0000	60.1	
	82 trans-1,3-Dichloropropene	75	8.223	8.223	(0.899)	225979	50.0000	53.4	
	83 1,1,2-Trichloroethane	97	8.360	8.360	(0.914)	134358	50.0000	53.2	8962
	85 Dibromochloromethane	129	8.513	8.513	(0.931)	143011	50.0000	53.1	8392
	86 1,3-Dichloropropane	76	8.597	8.597	(0.940)	239625	50.0000	54.8	8707
	87 1,2-Dibromoethane(EDB)	107	8.719	8.719	(0.953)	163247	50.0000	56.2	8094
	88 2-Hexanone	43	8.909	8.909	(0.974)	473181	50.0000	61.3	7732
	89 1-Chlorohexane	91	9.136	9.136	(0.999)	192857	50.0000	71.8	7894
*	90 Chlorobenzene-d5	82	9.146	9.146	(1.000)	178272	50.0000		7068
	91 Chlorobenzene ++	112	9.162	9.162	(1.002)	316527	50.0000	56.0	8614
	92 Ethylbenzene +	91	9.178	9.178	(1.003)	576166	50.0000	59.8	7192
	93 1,1,1,2-Tetrachloroethane	133	9.215	9.215	(1.008)	110145	50.0000	56.2	7821
	95 p,m-Xylene	106	9.299	9.299	(1.017)	400038	100.000	121	9395

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
96 o-Xylene	106	9.669	9.669	(1.057)	198580	50.0000	61.3	
99 Styrene	104	9.711	9.711	(1.062)	394167	50.0000	70.2	8681
100 Bromoform ++	173	9.743	9.743	(1.065)	123636	50.0000	56.9	8122
101 Isopropylbenzene	105	9.927	9.927	(1.085)	482790	50.0000	63.8	9220
$ 103 Bromofluorobenzene	174	10.181	10.181	(1.113)	144597	50.0000	61.0	8768
104 Bromobenzene	77	10.276	10.276	(0.923)	256686	50.0000	53.9	6881
105 n-Propylbenzene	91	10.281	10.281	(0.923)	623479	50.0000	59.6	8131
106 1,1,2,2-Tetrachloroethane++	83	10.344	10.344	(0.929)	248982	50.0000	56.6	3199
107 2-Chlorotoluene	91	10.424	10.424	(0.936)	424570	50.0000	56.9	8795(H)
108 1,3,5-Trimethylbenzene	105	10.439	10.439	(0.937)	428034	50.0000	60.6	
109 1,2,3-Trichloropropane	75	10.466	10.466	(0.940)	289240	50.0000	56.1	3856
110 trans-1,4-Dichloro-2-Butene	53	10.492	10.492	(0.942)	67951	50.0000	61.7	9191
111 4-Chlorotoluene	91	10.566	10.566	(0.949)	375369	50.0000	57.0	9123
112 tert-butylbenzene	91	10.719	10.719	(0.963)	247759	50.0000	61.7	9008
114 1,2,4-Trimethylbenzene	105	10.777	10.777	(0.968)	421409	50.0000	59.7	
116 sec-Butylbenzene	105	10.867	10.867	(0.976)	573330	50.0000	63.3	
117 p-Isopropyltoluene	119	10.983	10.983	(0.986)	438735	50.0000	63.5	7001
120 1,3-Dichlorobenzene	146	11.073	11.073	(0.994)	215535	50.0000	56.1	
* 121 1,4-DICHLOROBENZENE-D4	152	11.136	11.136	(1.000)	141099	50.0000		8098
122 1,4-Dichlorobenzene	146	11.152	11.152	(1.001)	239245	50.0000	55.8	
123 n-Butylbenzene	91	11.363	11.363	(1.020)	436743	50.0000	64.6	9252
M 124 TOTAL XYLENE	106				598618	150.000	183	0
125 1,2-Dichlorobenzene	146	11.543	11.543	(1.036)	216932	50.0000	56.2	
126 1,2-Dibromo-3-Chloropropane	157	12.371	12.371	(1.111)	65060	50.0000	64.7	5296
127 Hexachlorobutadiene	225	13.142	13.142	(1.180)	73827	50.0000	58.8	8596
128 1,2,4-Trichlorobenzene	180	13.200	13.200	(1.185)	136812	50.0000	55.4	
129 Napthalene	128	13.585	13.585	(1.220)	389228	50.0000	55.8	6191
130 1,2,3-Trichlorobenzene	180	13.786	13.786	(1.238)	135006	50.0000	57.3	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

000356

Data File: /var/chem/msv4.i/2060723.s.b/v4507.d

Page 1

Date : 23-JUL-2006 06:54

Client ID: W4STD050

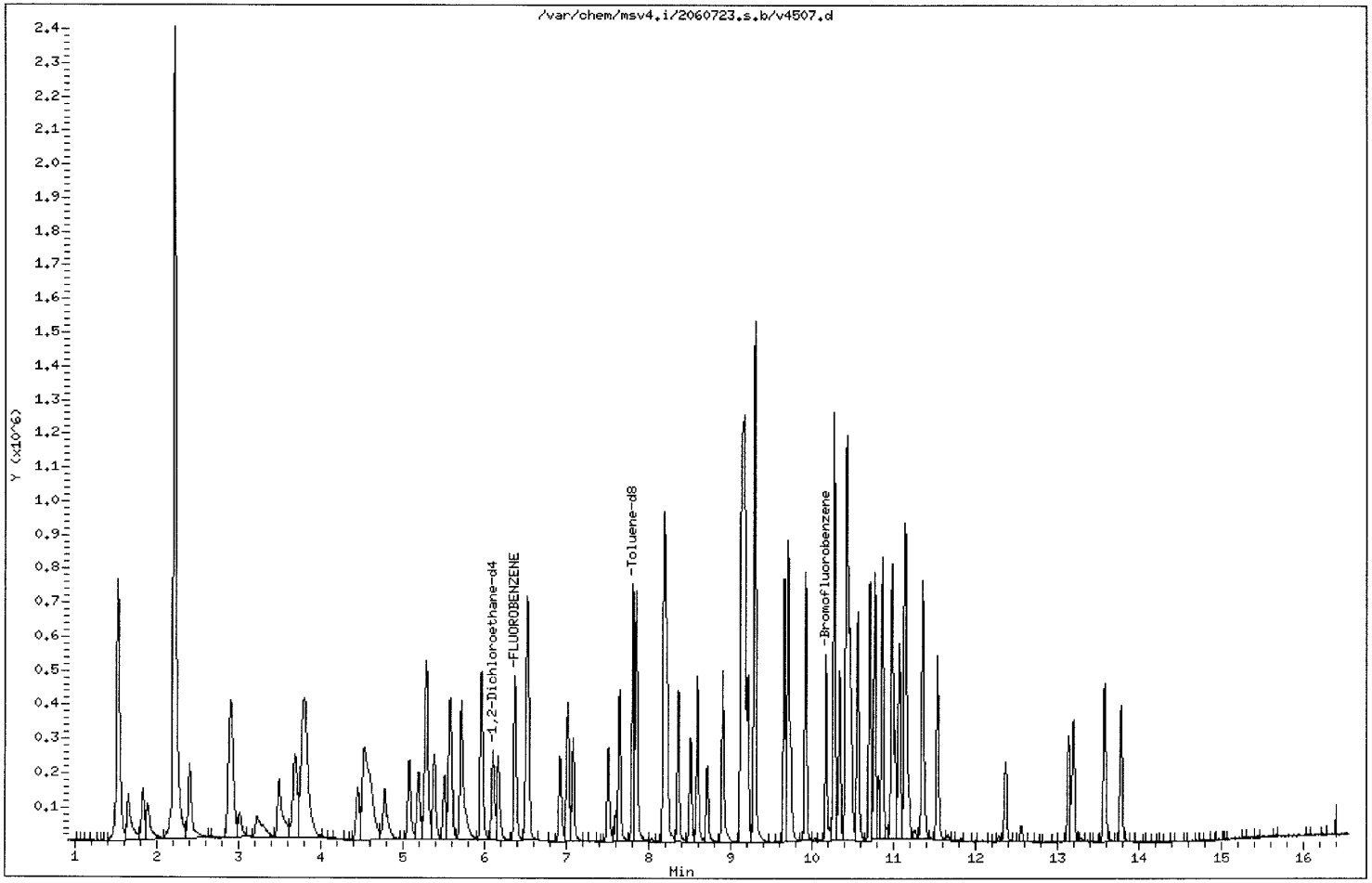
Instrument: msv4.i

Sample Info: 1400*V4STD050*5-50-8

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

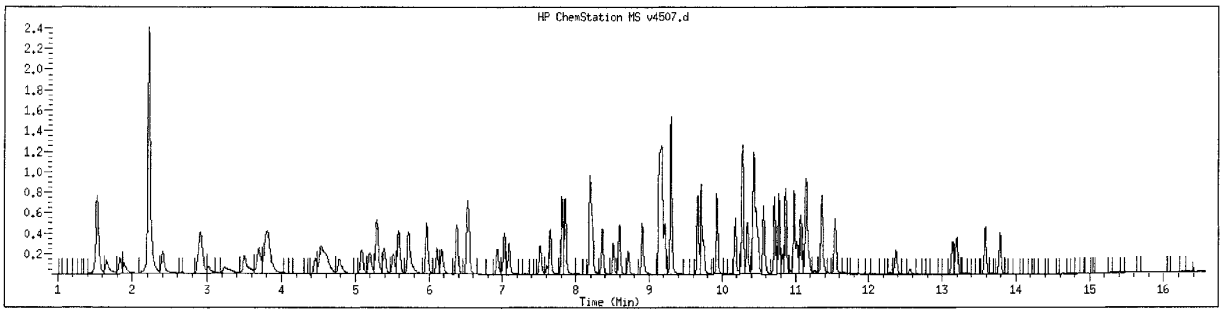


188328

Data file : /var/chem/msv4.i/2060723.s.b/v4507.d Page: 1
Report Date: 07/24/2006 15:42

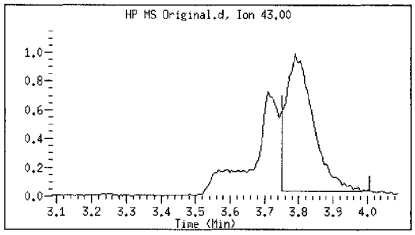
MANUAL INTEGRATION GRAPHIC REPORT

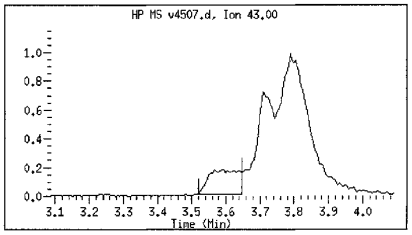
Lab ID	: 1400	SampleType	: CCALIB_3
Injection Date	: 23-JUL-2006 06:54	Instrument	: msv4.i
Operator	: KCB		
Sample Info	: 1400*V4STD050*5-50-8		
Misc Info	: MSV~8738~*1*KCB		
Method	: /var/chem/msv4.i/2060723.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



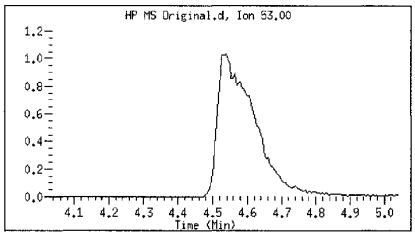
Original Final

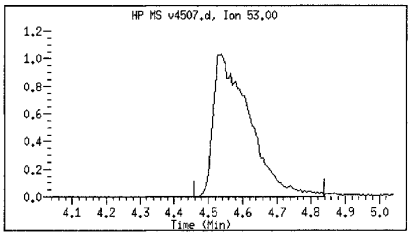
17 Acetone CAS#: 67-64-1





27 Acrylonitrile CAS#: 107-13-1





Data File: /var/chem/msv4.i/2060723.s.b/v4509.d
Report Date: 23-Jul-2006 11:10

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv4.i
Lab File ID: v4509.d
Analysis Type: SOIL
Lab Sample ID: 1400
Method: /var/chem/msv4.i/2060723.s.b/8260Bs4.m

Injection Date: 23-JUL-2006 07:54
Init. Cal. Date(s): 17-JUL-2006 18-JUL-2006
Init. Cal. Times: 22:30 11:26
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
4 1,3 Butadiene	0.25154	0.37479	0.37479	0.100	48.99731	30.00000	Averaged	<-
9 Ethyl Ether	153	250	0.28998	0.100	-38.87289	0.000e+00	Quadratic	<-
23 Acetonitrile	250	++++	0.05335	0.010	++++	0.000e+00	Quadratic	<-
24 Isopropyl Ether	1.46155	1.31105	1.31105	0.100	-10.29717	30.00000	Averaged	
57 Isobutyl Alcohol	250	++++	0.00683	0.100	++++	0.000e+00	Quadratic	<-
68 N-Butyl Alcohol	327	250	0.07073	0.010	30.99661	0.000e+00	Quadratic	<-
69 Methyl Methacrylate	0.39200	0.33890	0.33890	0.100	-13.54495	30.00000	Averaged	
49 Ethyl Methacrylate	++++	1.11732	1.11732	0.100	++++	30.00000	Averaged	<-
113 Pentachloroethane	++++	0.39598	0.39598	0.100	++++	30.00000	Averaged	<

188330

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4506.d
Lab Smp Id: 1000 Client Smp ID: V4BFB
Inj Date : 23-JUL-2006 06:16
Operator : KCB Inst ID: msv4.i
Smp Info : 1000*V4BFB
Misc Info : MSV~8738~*1*KCB
Comment :
Method : /var/chem/msv4.i/2060723.s.b/bfb1.m
Meth Date : 08-Jul-2006 10:02 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
10.180	10.200	(0.000)	95	52217			100.00- 100.00	100.00
10.180	10.200	(0.000)	50	16270			15.00- 40.00	31.16
10.180	10.200	(0.000)	75	28494			30.00- 60.00	54.57
10.180	10.200	(0.000)	96	3884			5.00- 9.00	7.44
10.180	10.200	(0.000)	173	63			0.00- 2.00	0.15
10.180	10.200	(0.000)	174	40944			50.00- 120.00	78.41
10.180	10.200	(0.000)	175	2618			5.00- 9.00	6.39
10.180	10.200	(0.000)	176	38968			95.00- 101.00	95.17
10.180	10.200	(0.000)	177	2967			5.00- 9.00	7.61

Data File: /var/chem/msv4.i/2060723.s.b/v4506.d

Date : 23-JUL-2006 06:16

Client ID: V4BFB

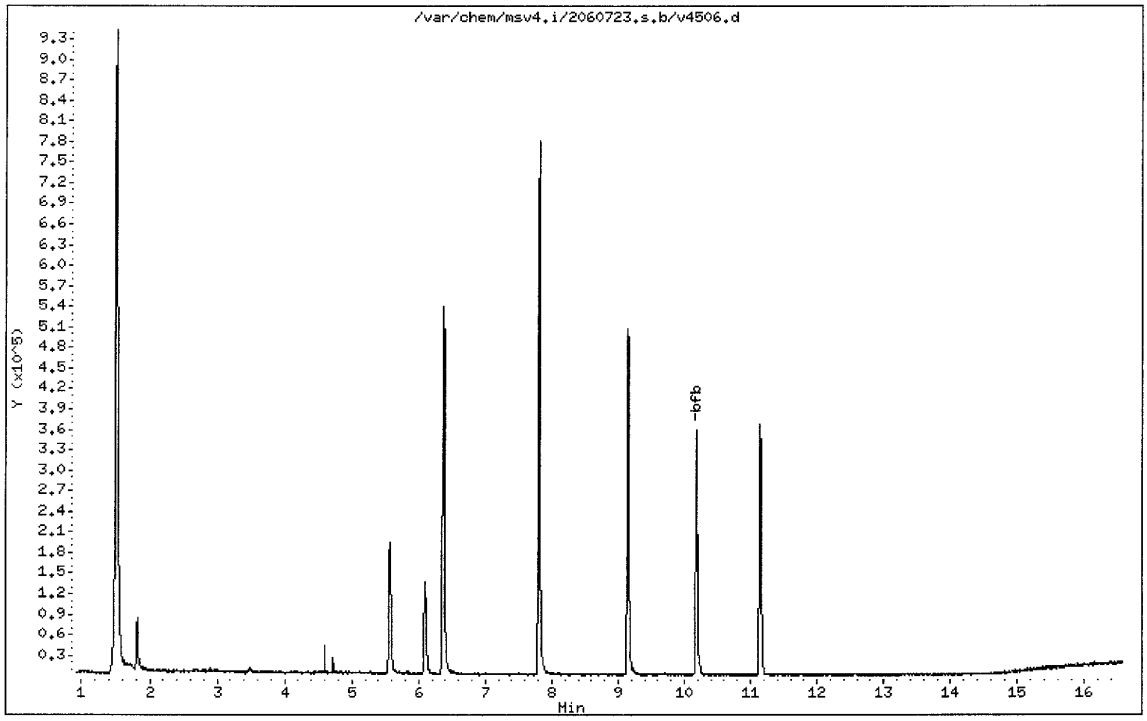
Instrument: msv4.i

Sample Info: 1000*V4BFB

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53



Data File: /var/chem/msv4.i/2060723.s.b/v4506.d

Date : 23-JUL-2006 06:16

Client ID: V4BFB

Instrument: msv4.i

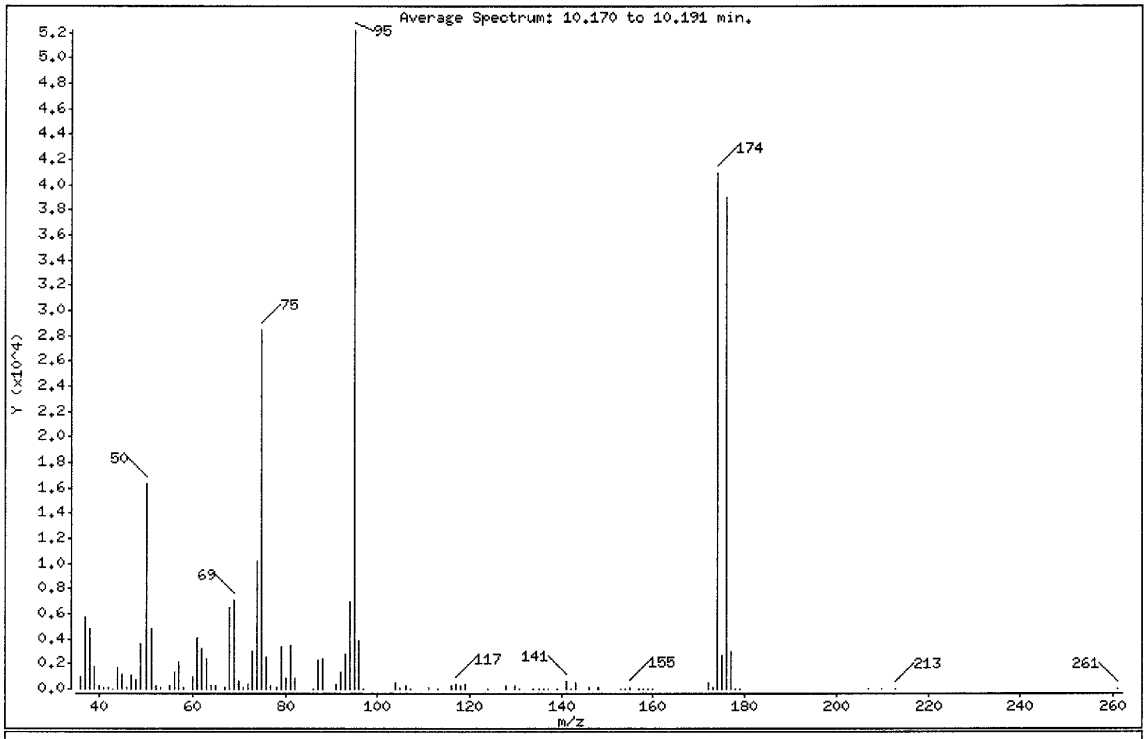
Sample Info: 1000*V4BFB

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	31.16
75	30.00 - 60.00% of mass 95	54.57
96	5.00 - 9.00% of mass 95	7.44
173	Less than 2.00% of mass 174	0.12 (0.15)
174	50.00 - 120.00% of mass 95	78.41
175	5.00 - 9.00% of mass 174	5.01 (6.39)
176	95.00 - 101.00% of mass 174	74.63 (95.17)
177	5.00 - 9.00% of mass 176	5.68 (7.61)

188333

Data File: /var/chem/msv4.i/2060723.s.b/v4506.d

Date : 23-JUL-2006 06:16

Client ID: V4BFB

Instrument: msv4.i

Sample Info: 1000xV4BFB

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

Data File: v4506.d
Spectrum: Average Spectrum: 10.170 to 10.191 min.
Location of Maximum: 95.00
Number of points: 97

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	976	63.00	2360	94.00	6952	143.00	469
37.00	5821	64.00	262	95.00	52216	146.00	68
38.00	4861	65.00	230	96.00	3884	148.00	65
39.00	1826	67.00	83	97.00	40	153.00	31
40.00	288	68.00	6429	104.00	428	154.00	38
41.00	108	69.00	7137	105.00	104	155.00	144
42.00	64	70.00	653	106.00	295	157.00	55
43.00	31	71.00	93	107.00	32	158.00	34
44.00	1666	72.00	407	111.00	71	159.00	48
45.00	1153	73.00	3053	113.00	30	160.00	49
46.00	68	74.00	10180	116.00	211	172.00	439
47.00	1089	75.00	28488	117.00	417	173.00	63
48.00	699	76.00	2558	118.00	201	174.00	40944
49.00	3634	77.00	262	119.00	356	175.00	2618
50.00	16270	78.00	160	124.00	45	176.00	38968
51.00	4830	79.00	3335	128.00	199	177.00	2967
52.00	264	80.00	870	130.00	227	178.00	30
53.00	71	81.00	3491	131.00	35	179.00	30
55.00	263	82.00	800	134.00	34	207.00	38
56.00	1378	86.00	35	135.00	32	210.00	31
57.00	2152	87.00	2262	136.00	31	213.00	40
58.00	169	88.00	2352	137.00	32	261.00	30
60.00	953	91.00	359	139.00	49		
61.00	4024	92.00	1367	141.00	581		
62.00	3247	93.00	2774	142.00	33		

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4509.d
Lab Smp Id: 1400 Client Smp ID: V4STD050APP9
Inj Date : 23-JUL-2006 07:54
Operator : RSS Inst ID: msv4.i
Smp Info : 1400*V4STD050APP9
Misc Info : MSV~8738~*1*KCB
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 23-Jul-2006 11:10 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PBWA9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1,3 Butadiene	39	1.906	1.906	(0.299)	171520	50.0000	74.5	9229
9 Ethyl Ether	59	2.681	2.681	(0.421)	663543	250.000	153	9219
24 Isopropyl Ether	45	4.318	4.318	(0.677)	599992	50.0000	44.9	9082
* 58 FLUOROBENZENE	96	6.376	6.376	(1.000)	457642	50.0000		9301
68 N-Butyl Alcohol	56	7.041	7.041	(1.104)	161856	250.000	327	6912
69 Methyl Methacrylate	69	7.237	7.237	(1.135)	155095	50.0000	43.2	8231
* 90 Chlorobenzene-d5	82	9.142	9.142	(1.000)	168183	50.0000		8777
* 121 1,4-DICHLOROBENZENE-D4	152	11.137	11.137	(1.000)	113174	50.0000		8810

000364

Data File: /var/chem/msv4.i/2060723.s.b/v4509.d

Page 1

Date : 23-JUL-2006 07:54

Client ID: V4STD050APP9

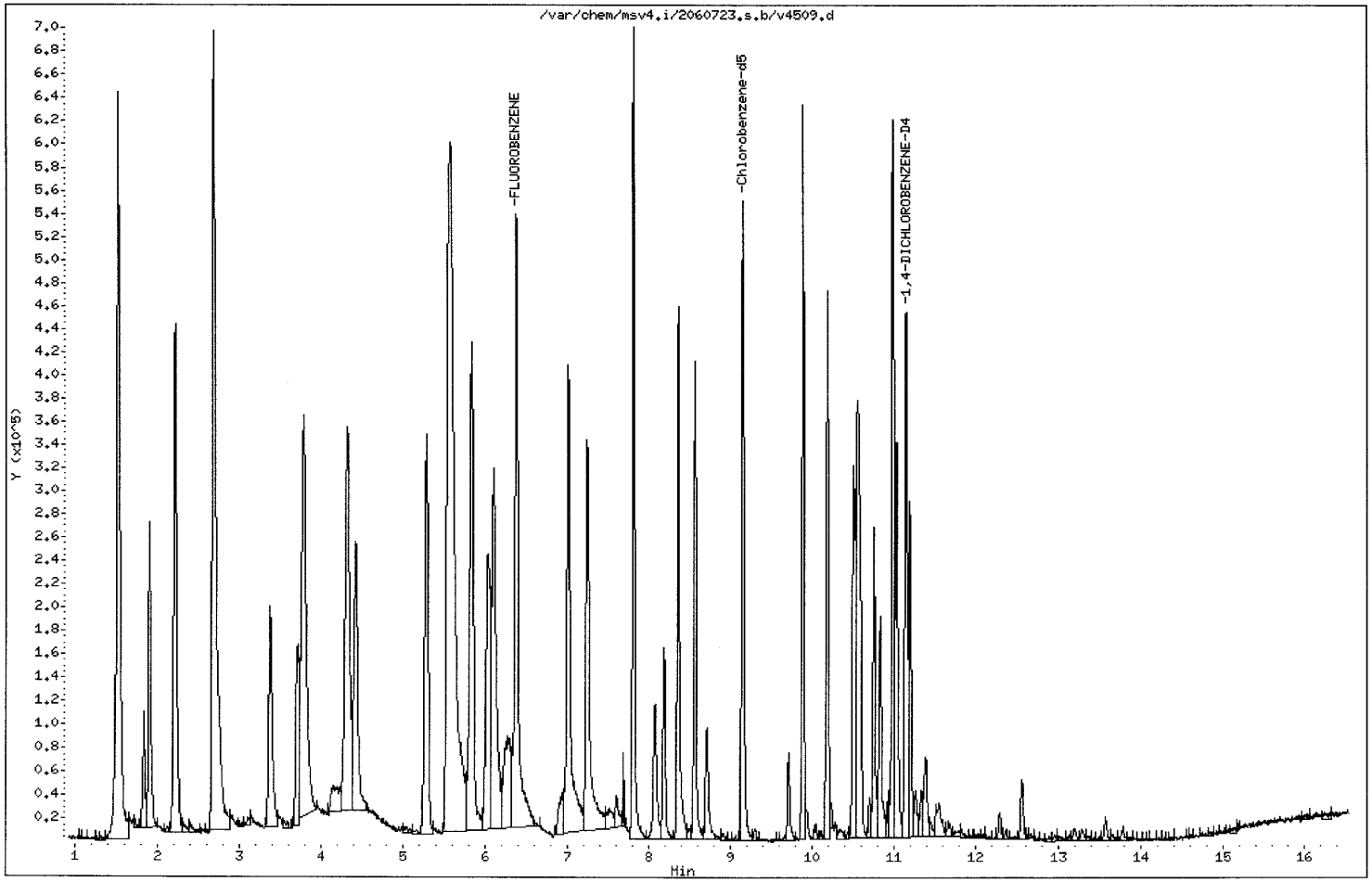
Instrument: msv4.i

Sample Info: 1400*V4STD050APP9

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

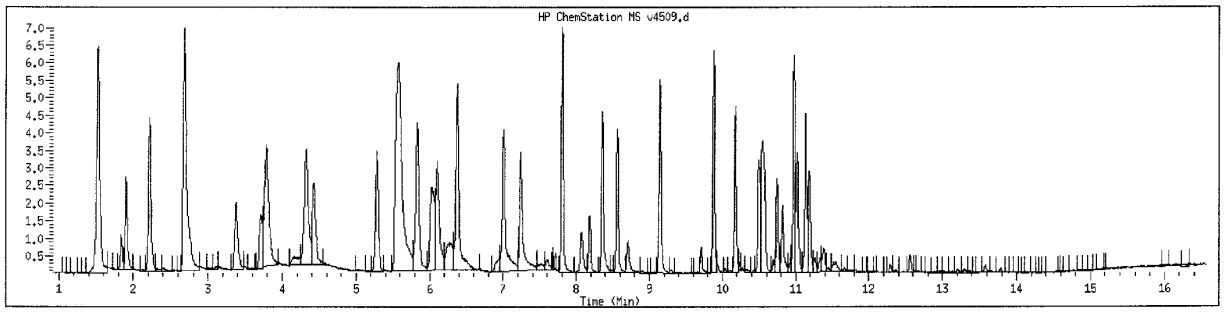


188336

Data file : /var/chem/msv4.i/2060723.s.b/v4509.d Page: 1
Report Date: 07/23/2006 11:10

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1400	SampleType	: CCALIB_3
Injection Date	: 23-JUL-2006 07:54	Instrument	: msv4.i
Operator	: RSS		
Sample Info	: 1400*V4STD050APP9		
Misc Info	: MSV~8738~*1*KCB		
Method	: /var/chem/msv4.i/2060723.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: PBWA9



NO MANUAL INTEGRATIONS

188337

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Calibration File Names:
Level 1: /var/chem/msv5.i/2060618p.s.b/g5213.d
Level 2: /var/chem/msv5.i/2060618p.s.b/g5215.d
Level 3: /var/chem/msv5.i/2060618p.s.b/g5216.d
Level 4: /var/chem/msv5.i/2060618p.s.b/g5217.d
Level 5: /var/chem/msv5.i/2060614.s.b/g5030.d
Level 6: /var/chem/msv5.i/2060614.s.b/g5023.d
Level 7: /var/chem/msv5.i/2060618p.s.b/g5212.d
Level 8: /var/chem/msv5.i/2060618p.s.b/g5214.d
Level 9: /var/chem/msv5.i/2060618p.s.b/g5211.d
Level 10: /var/chem/msv5.i/2060618p.s.b/g5210.d

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10							
1 Dichlorodifluoromethane	0.33922	0.32667	0.35747	0.35792	+++++	+++++					
	0.36173	0.34736	+++++	+++++			AVRG		0.34839		3.86804
2 Chloromethane ++	0.47294	0.42452	0.47055	0.47694	+++++	+++++					
	0.48168	0.43552	0.41579	+++++			AVRG		0.45399		6.09617
3 Vinyl Chloride +	0.29899	0.30189	0.33082	0.34466	+++++	+++++					
	0.20932	0.32045	+++++	+++++			AVRG		0.30102		15.98991

000366

188338

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

	Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
		1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
	4 1-3 Butadiene	0.26861	0.27201	0.22397	0.25186	0.30467	0.21880						
		+++++	0.21679	+++++	+++++			AVRG		0.25096		13.18615	
	5 Bromomethane	0.15384	0.14775	0.16884	0.18660	+++++	+++++						
		0.15618	0.16616	0.18806	+++++			AVRG		0.16678		9.45674	
M	6 1-3 Dichloropropene-Total	0.43844	0.43436	0.43882	0.42867	+++++	+++++						
		0.46286	0.45631	+++++	+++++			AVRG		0.44324		3.00878	
M	7 Total Difluorobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
		+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
	8 Chloroethane	1217	12161	31369	60618	+++++	+++++						
		379	7867	+++++	+++++			LINR	-0.00295	0.02937		0.99660	<-
	9 Trichlorofluoromethane	0.24086	0.26509	0.25963	0.27582	+++++	+++++						
		0.21530	0.26520	0.18698	+++++			AVRG		0.24413		13.20587	
	10 Ethyl Ether	0.18140	0.18289	0.15547	0.15176	0.14114	0.15107						
		+++++	0.18802	+++++	+++++			AVRG		0.16454		11.49640	

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188339

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10							
11 1,1-Dichloroethene +	0.12638	0.12089	0.12679	0.13181	++++++	++++++					
	++++++	0.13493	++++++	++++++			AVRG		0.12816		4.22113
12 Carbon Disulfide	0.61436	0.61469	0.62369	0.62614	++++++	++++++					
	0.74198	0.63541	++++++	++++++			AVRG		0.64271		7.66454
13 1,1,2Trichlotrifluoroethane	0.18174	0.18005	0.18862	0.18568	++++++	++++++					
	++++++	0.18501	++++++	++++++			AVRG		0.18422		1.83314
14 Methyl Iodide	0.23218	0.28711	0.29976	0.29197	++++++	++++++					
	++++++	0.29316	++++++	++++++			AVRG		0.28084		9.81809
15 Acrolein	0.02646	0.02542	0.02617	0.02390	++++++	++++++					
	0.02383	0.02700	++++++	++++++			AVRG		0.02546		5.24983
16 Allyl chloride	0.27697	0.26233	0.25525	0.25915	0.26792	0.26048					
	++++++	0.28545	++++++	++++++			AVRG		0.26679		4.06150
17 Methylene Chloride	0.31315	0.25921	0.23992	0.23588	++++++	++++++					
	++++++	0.29682	++++++	++++++			AVRG		0.26900		12.82612

000368

188340

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
18 Acetone	12552	28590	68890	134234	+++++	+++++						
	+++++	16307	+++++	+++++			LINR	-0.07068	0.06212		0.99952	
19 trans-1,2-Dichloroethene	0.24476	0.23405	0.23260	0.22872	+++++	+++++						
	0.19437	0.21822	+++++	+++++			AVRG		0.22545		7.75159	
20 Methyl Acetate	0.20826	0.18120	0.16154	0.16347	+++++	+++++						
	+++++	0.19497	+++++	+++++			AVRG		0.18189		11.06552	
21 Hexane	0.38756	0.35660	0.35573	0.36011	+++++	+++++						
	0.42241	0.36756	+++++	+++++			AVRG		0.37499		6.94675	
22 MTBE	0.50124	0.51628	0.48659	0.47690	+++++	+++++						
	0.58722	0.52521	+++++	+++++			AVRG		0.51557		7.64484	
23 tert-Butyl Alcohol	0.01658	0.01966	0.01658	0.01761	0.01905	+++++						
	+++++	0.01732	+++++	++---			AVRG		0.01780		7.21366	<-
24 Acetonitrile	35818	99261	210342	393226	768029	20953						
	+++++	53231	++-++	+++++			LINR	-0.50178	0.04008		0.99955	<-

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188341

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10							
25 Isopropyl Ether	1.03701	1.12634	0.84476	0.89040	0.95226	0.71553					
	+++++	0.97735	+++++	+++++			AVRG		0.93481		14.31254
26 Chloroprene	0.39741	0.41871	0.39742	0.39655	0.40604	0.31572					
	+++++	0.41041	+++++	+++++			AVRG		0.39175		8.81032
27 1,1-Dichloroethane ++	0.39159	0.38315	0.39671	0.39684	+++++	+++++					
	0.37555	0.38863	+++++	+++++			AVRG		0.38875		2.12943
28 2-Chloropropene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00 <-
29 Acrylonitrile	0.11725	0.12053	0.11219	0.11087	+++++	+++++					
	0.11193	0.11680	+++++	+++++			AVRG		0.11493		3.32881
30 Vinyl Acetate	0.57187	0.57602	0.54857	0.53966	+++++	+++++					
	0.58021	0.56863	0.61145	+++++			AVRG		0.57092		4.06863
31 cis-1,2-Dichloroethene	0.32019	0.32834	0.34821	0.34158	+++++	+++++					
	0.36187	0.34449	+++++	+++++			AVRG		0.34078		4.33936

000370

188342

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1 1 Level 7	20 Level 2 10 Level 8	50 Level 3 0.4000 Level 9	100 Level 4 0.2000 Level 10	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
32 2,2-Dichloropropane	0.31841	0.30166	0.28770	0.29520	+++++	+++++					
	0.31109	0.30832	0.30681	+++++			AVRG		0.30417		3.37653
33 Bromochloromethane	0.11460	0.11944	0.12168	0.11826	+++++	+++++					
	+++++	0.13147	+++++	+++++			AVRG		0.12109		5.23679
34 Cyclohexane	0.41704	0.40972	0.41414	0.42081	+++++	+++++					
	0.44486	0.44485	0.37576	+++++			AVRG		0.41817		5.62415
35 Chloroform +	0.44773	0.40216	0.40353	0.40658	+++++	+++++					
	0.40104	0.43310	0.39734	+++++			AVRG		0.41307		4.68476
36 Carbon Tetrachloride	0.29676	0.27747	0.26689	0.27216	+++++	+++++					
	0.25339	0.27043	0.32332	+++++			AVRG		0.28006		8.24260
37 Ethyl Acetate	0.14972	0.17221	0.14252	0.14078	0.13308	0.13391					
	+++++	0.16659	+++++	+++++			AVRG		0.14840		10.42760
38 Tetrahydrofuran	0.09254	0.09750	0.08441	0.08718	0.07606	0.08281					
	+++++	0.09654	+++++	+++++			AVRG		0.08815		8.86962

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188343

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
40 1,1,1-Trichloroethane	0.33010	0.27911	0.29651	0.30601	+++++	+++++						
	0.27408	0.31316	+++++	+++++			AVRG		0.29983		7.05298	
41 sec-Butanol	0.01971	0.02198	0.01689	0.01966	0.01855	+++++						
	+++++	0.01563	+++++	+++++			AVRG		0.01874		12.03873	<-
42 2-Butanone	0.20169	0.17573	0.15368	0.15791	+++++	+++++						
	+++++	0.18399	+++++	+++++			AVRG		0.17460		11.23585	
43 1,1-Dichloropropene	0.35180	0.31216	0.31552	0.31840	+++++	+++++						
	0.36104	0.33056	0.36045	+++++			AVRG		0.33570		6.43609	
44 2-2-4 trimethyl Pentane	1.07740	1.15269	0.89066	1.01482	1.11015	0.76922						
	+++++	0.98291	+++++	+++++			AVRG		0.99970		13.36838	
45 Benzene	0.92359	0.89329	0.93495	0.92061	+++++	+++++						
	0.91463	0.96188	1.01482	+++++			AVRG		0.93768		4.25130	
46 Propionitrile	0.04378	0.04681	0.04304	0.04172	0.04100	0.03430						
	+++++	0.04445	+++++	+++++			AVRG		0.04216		9.36553	

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188344

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10							
47 Methacrylonitrile	0.18268	0.22121	0.16467	0.17609	0.18702	0.14690					
	+++++	0.20423	+++++	+++++			AVRG		0.18326		13.39162
49 1,2-Dichloroethane	0.31732	0.31499	0.32415	0.30943	+++++	+++++					
	+++++	0.34469	+++++	+++++			AVRG		0.32211		4.24700
50 Isobutyl Alcohol	4629	26018	53307	111931	197118	2052					
	+++++	14351	+++++	+++++			QUAD	0.07037	70.63731	115	0.99895
51 2-Butanol	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00 <-
53 Methyl Cyclohexane	0.37273	0.40271	0.40056	0.40123	+++++	+++++					
	0.43138	0.41149	0.43640	+++++			AVRG		0.40807		5.23564
54 Trichloroethene	0.23737	0.23130	0.23720	0.22779	+++++	+++++					
	0.22829	0.24314	+++++	+++++			AVRG		0.23418		2.58673
55 1,3 Difluorobenzene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00 <-

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188345

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1 1 Level 7	20 Level 2 10 Level 8	50 Level 3 0.4000 Level 9	100 Level 4 0.2000 Level 10	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
56 n-Butanol	0.00927	0.00889	0.00810	0.00809	0.00746	0.00586						
	+++++	0.00835	+++++	+++++			AVRG		0.00800		13.88417	
57 Dibromomethane	0.20553	0.20086	0.19745	0.20145	+++++	+++++						
	0.25172	0.19818	+++++	+++++			AVRG		0.20920		10.05194	<-
58 2-3 Dichloro-1-Proprene	0.50612	0.52779	0.41066	0.45026	0.48181	0.37322						
	+++++	0.47089	+++++	+++++			AVRG		0.46011		11.69660	
59 1,2-Dichloropropane +	0.26503	0.28214	0.28385	0.28054	+++++	+++++						
	0.25834	0.30287	0.26449	+++++			AVRG		0.27675		5.52414	<-
60 Bromodichloromethane	0.36057	0.36065	0.35857	0.34863	+++++	+++++						
	0.36437	0.35731	0.39409	+++++			AVRG		0.36346		3.95037	<-
M 61 Total 1,2-Dichloroethene	0.28247	0.28119	0.29040	0.28515	+++++	+++++						
	0.27812	0.28135	+++++	+++++			AVRG		0.28311		1.49349	
62 Methyl methacrylate	0.18419	0.24190	0.19260	0.20223	0.20322	0.17481						
	+++++	0.22174	+++++	+++++			AVRG		0.20296		11.23865	

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188346

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
63 1,4- Dioxane	1880	25419	50529	108144	192777	1116						
	+++++	11489	+++++	+++++			QUAD	0.97531	363	577	0.99874	
64 1-Bromo-2-chloroethane	0.44837	0.46133	0.46198	0.45501	+++++	+++++						
	0.53242	0.45901	+++++	+++++			AVRG		0.46969		6.62970	
65 2-Chloroethyl vinyl ether	0.21400	0.20051	0.09178	0.19578	+++++	+++++						
	0.22295	0.21716	+++++	+++++			AVRG		0.19036		25.93735	
66 cis-1,3-Dichloropropene	0.45440	0.44872	0.46010	0.45466	+++++	+++++						
	0.52242	0.48211	0.40759	+++++			AVRG		0.46143		7.56146	
68 1,4 Difluorobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
69 Toluene +	2.56962	2.39871	2.35900	2.42232	+++++	+++++						
	3.14813	2.46926	3.13687	+++++			AVRG		2.64342		13.13797	
70 2-Nitropropane	0.09086	0.09022	0.06881	0.07492	0.08392	0.06392						
	+++++	0.08450	+++++	+++++			AVRG		0.07959		13.23847	

000375

188347

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
71 4-methyl-2-pentanone	0.40512	0.39536	0.37271	0.35224	++++++	++++++						
	0.50472	0.41096	++++++	++++++			AVRG		0.40685		12.94913	
72 Tetrachloroethene	0.46323	0.47406	0.42973	0.45027	++++++	++++++						
	0.55134	0.44189	++++++	++++++			AVRG		0.46842		9.28859	
73 trans-1,3-Dichloropropene	0.99811	0.98104	0.96854	0.96934	++++++	++++++						
	0.93447	0.97847	++++++	++++++			AVRG		0.97166		2.17453	
74 Ethyl Methacrylate	0.71983	0.81942	0.70965	0.76497	0.68015	0.61845						
	++++++	0.75176	++++++	++++++			AVRG		0.72346		8.89377	
75 1,1,2-Trichloroethane	0.61092	0.63193	0.62122	0.60910	++++++	++++++						
	0.53181	0.61330	++++++	++++++			AVRG		0.60305		5.95289	
76 Dibromochloromethane	0.70106	0.73074	0.73252	0.72713	++++++	++++++						
	0.67890	0.69848	0.63683	++++++			AVRG		0.70081		4.93389	<-
77 1,3-Dichloropropane	1.05548	1.06718	1.01671	1.02415	++++++	++++++						
	1.00421	1.02155	++++++	++++++			AVRG		1.03155		2.36069	<-

000376

188348

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
78 1-nitropropane	0.06977	0.06219	0.04960	0.05225	0.05312	0.05591						
	+++++	0.05578	+++++	+++++			AVRG		0.05694		12.10915	<-
79 1,2-Dibromoethane(EDB)	0.71455	0.71388	0.69720	0.72166	+++++	+++++						
	0.70854	0.66578	0.71483	0.66904			AVRG		0.70069		3.09862	
80 2-Hexanone	0.79329	0.67988	0.62525	0.63882	+++++	+++++						
	+++++	0.69388	+++++	+++++			AVRG		0.68623		9.64622	
81 1,2 Difluorobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
82 1-Chlorohexane	0.96849	1.00627	1.01085	1.01838	+++++	+++++						
	1.06736	1.01010	+++++	+++++			AVRG		1.01358		3.12649	
84 Chlorobenzene ++	1.57640	1.54005	1.48981	1.50666	+++++	+++++						
	1.61779	1.51598	+++++	+++++			AVRG		1.54112		3.12227	
85 Ethylbenzene +	0.81245	0.80691	0.79191	0.82523	+++++	+++++						
	0.91890	0.83237	+++++	+++++			AVRG		0.83129		5.43707	

000377

188349

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
86 1,1,1,2-Tetrachloroethane	0.51551	0.53669	0.55741	0.56042	+++++	+++++						
	0.45275	0.51518	0.60039	+++++			AVRG		0.53405		8.70183	
87 p,m-Xylene	0.97301	0.94500	0.93071	0.94485	+++++	+++++						
	1.07207	0.92407	+++++	+++++			AVRG		0.96495		5.71124	
88 Methyl Disulfide	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
89 o-Xylene	0.96151	0.99956	0.96826	1.01583	+++++	+++++						
	0.89573	0.97529	+++++	+++++			AVRG		0.96936		4.27600	
90 Styrene	1.76185	1.76308	1.74926	1.78440	+++++	+++++						
	1.88870	1.73759	+++++	+++++			AVRG		1.78081		3.09498	
91 Bromoform ++	0.53857	0.50846	0.53444	0.53439	+++++	+++++						
	0.52442	0.48952	+++++	+++++			AVRG		0.52163		3.66387	
92 1,5 Cyclooctadiene	43574	176970	353458	761240	1715948	10314						
	+++++	78817	+++++	+++++			LINR	0.04587	0.45316		0.99629	

000378

188350

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10							
93 Isopropylbenzene	2.45161	2.42027	2.34747	2.40491	+++++	+++++					
	2.56680	2.35695	2.68509	+++++			AVRG		2.46187		4.97517
95 n-Propylbenzene	3.81153	4.07800	3.77675	3.85837	+++++	+++++					
	4.39312	3.99570	+++++	+++++			AVRG		3.98558		5.77426
96 Bromobenzene	1.61191	1.63825	1.52397	1.54245	+++++	+++++					
	1.54434	1.58214	+++++	+++++			AVRG		1.57384		2.84299
97 1,1,2,2-Tetrachloroethane++	1.15286	1.28759	1.19425	1.21096	+++++	+++++					
	1.06731	1.26357	1.06622	1.54918			AVRG		1.22399		12.61606
98 2-Chlorotoluene	2.65370	2.65275	2.56608	2.52596	+++++	+++++					
	2.61469	2.73449	+++++	+++++			AVRG		2.62461		2.79811
99 1,3,5-Trimethylbenzene	2.44457	2.65551	2.48155	2.45441	+++++	+++++					
	2.46685	2.66249	+++++	+++++			AVRG		2.52756		4.05868
100 1,2,3-Trichloropropane	1.39832	1.38908	1.27988	1.27417	+++++	+++++					
	1.37352	1.30542	+++++	+++++			AVRG		1.33673		4.23359

000379

188351

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10							
101 trans-1,4-Dichloro-2-Butene	0.24023	0.27412	0.26546	0.23970	++++++	++++++					
	0.22232	0.27256	++++++	++++++			AVRG		0.25240		8.42839
102 Cyclohexanone	3082	9686	28189	108330	++++++	1587					
	++++++	5478	++++++	++++++			QUAD	-0.02149	32.09557	-62.49660	0.99963
103 4-Chlorotoluene	2.27922	2.43161	2.33680	2.36095	++++++	++++++					
	2.68778	2.44194	++++++	++++++			AVRG		2.42305		5.90887
104 tert-butylbenzene	1.55705	1.53567	1.46866	1.54452	++++++	++++++					
	1.70409	1.72548	++++++	++++++			AVRG		1.58924		6.42919
105 Pentachloroethane	0.61658	0.60506	0.57064	0.60424	0.59684	0.50025					
	++++++	0.60334	++++++	++++++			AVRG		0.58528		6.84651
106 1,2,4-Trimethylbenzene	2.47985	2.64557	2.55656	2.56801	++++++	++++++					
	2.66854	2.65347	++++++	++++++			AVRG		2.59533		2.82355
107 sec-Butylbenzene	3.50861	3.71341	3.43100	3.50998	++++++	++++++					
	3.76076	3.72254	3.71147	++++++			AVRG		3.62254		3.69686

000380

188352

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10							
108 p-Isopropyltoluene	2.74876	2.80553	2.66853	2.69576	++++++	++++++					
	3.21617	2.82805	3.09024	++++++			AVRG		2.86472		7.26256
109 Dicylopentadiene	4.02083	4.54636	3.74906	4.02587	4.11764	2.88329					
	++++++	4.13816	++++++	++++++			AVRG		3.92589		13.17048
110 1,3-Dichlorobenzene	1.44488	1.52038	1.37539	1.42967	++++++	++++++					
	1.60179	1.49687	++++++	++++++			AVRG		1.47816		5.36426
112 1,4-Dichlorobenzene	1.59265	1.54949	1.50274	1.51111	++++++	++++++					
	1.57299	1.54254	++++++	++++++			AVRG		1.54525		2.24460
113 3-ethyltoluene	++++++	++++++	++++++	++++++	++++++	++++++					
	++++++	++++++	++++++	++++++			AVRG		0.000e+00		0.000e+00 <-
114 2-ethyltoluene	++++++	++++++	++++++	++++++	++++++	++++++					
	++++++	++++++	++++++	++++++			AVRG		0.000e+00		0.000e+00 <-
115 n-Butylbenzene	3.10364	3.02691	2.91231	2.91083	++++++	++++++					
	3.10474	2.95639	3.46566	++++++			AVRG		3.06864		6.29425

000381

188353

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
116 1,2-Dichlorobenzene	1.46811	1.46156	1.42971	1.43422	+++++	+++++						
	1.62297	1.45677	+++++	+++++			AVRG		1.47889		4.88343	
117 1-2 Diethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
118 1-4 Diethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
119 1-3 Diethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
120 1,2-Dibromo-3-Chloropropane	0.24554	0.25476	0.24333	0.24240	+++++	+++++						
	0.30053	0.23481	0.29772	0.21951			AVRG		0.25482		11.44150	
121 Benzal Chloride	31761	80741	182693	493661	1147986	10780						
	+++++	26041	+++++	+++++			QUAD	0.08750	2.98666	-0.19128	0.99705	
122 Hexachlorobutadiene	0.46772	0.55484	0.53499	0.55503	+++++	+++++						
	0.58792	0.56401	+++++	+++++			AVRG		0.54408		7.56400	

000382

188354

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10								
123 1,2,4-Trichlorobenzene	0.93982	0.98696	0.94011	0.93825	+++++	+++++						
	1.04779	0.94729	+++++	+++++			AVRG		0.96670		4.53295	
M 124 TOTAL XYLENE	0.96918	0.96319	0.94323	0.96851	+++++	+++++						
	1.01329	0.94114	+++++	+++++			AVRG		0.96642		2.69684	
125 Naphthalene	2.32581	2.41112	2.12302	2.20856	+++++	+++++						
	2.65567	2.27493	+++++	+++++			AVRG		2.33319		7.97740	
126 1,2,3-Trichlorobenzene	0.96168	0.98656	0.90856	0.91644	+++++	+++++						
	1.09818	0.87979	+++++	+++++			AVRG		0.95853		8.18352	
M 127 Total Diethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
128 2-methylnapthalene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++	+++++			AVRG		0.000e+00		0.000e+00	<-
$ 39 Dibromofluoromethane	0.26904	0.27209	0.27837	0.27482	+++++	+++++						
	+++++	0.28084	+++++	+++++			AVRG		0.27503		1.71937	

000383

188355

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	2 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1 Level 7	10 Level 8	0.4000 Level 9	0.2000 Level 10							
$ 48 1,2-Dichloroethane-d4	0.15129	0.15795	0.15124	0.15203	++++++	++++++					
	++++++	0.16059	++++++	++++++			AVRG		0.15462		2.81749
$ 67 Toluene-d8	2.03847	2.04225	1.98716	2.07107	++++++	++++++					
	++++++	2.03259	++++++	++++++			AVRG		2.03431		1.48657
$ 94 Bromofluorobenzene	0.65540	0.63929	0.65360	0.66038	++++++	++++++					
	++++++	0.66962	++++++	++++++			AVRG		0.65566		1.68712

000384

188356

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JUN-2006 07:30
End Cal Date : 18-JUN-2006 19:46
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Cal Date : 16-Aug-2006 14:14 rjo

Average %RSD Results.

Calculated Average %RSD = 7.07679
Maximun Average %RSD = 15.00000
* Passed Average %RSD Test.

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5021.d
Lab Smp Id: 1000 Client Smp ID: V5BFB01
Inj Date : 14-JUN-2006 06:14
Operator : ABD Inst ID: msv5.i
Smp Info : 1000*V5BFB01
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060614.s.b/bfb1.m
Meth Date : 05-Jun-2006 07:35 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.462	8.600	(0.000)	95	45325			100.00- 100.00	100.00
8.462	8.600	(0.000)	50	7398			15.00- 40.00	16.32
8.462	8.600	(0.000)	75	17580			30.00- 60.00	38.79
8.462	8.600	(0.000)	96	2554			5.00- 9.00	5.63
8.462	8.600	(0.000)	173	0			0.00- 2.00	0.00
8.462	8.600	(0.000)	174	34178			50.00- 120.00	75.41
8.462	8.600	(0.000)	175	2169			5.00- 9.00	6.35
8.462	8.600	(0.000)	176	33592			95.00- 101.00	98.29
8.462	8.600	(0.000)	177	1893			5.00- 9.00	5.64

Data File: /var/chem/msv5.i/2060614.s.b/g5021.d

Date : 14-JUN-2006 06:14

Client ID: V5BFB01

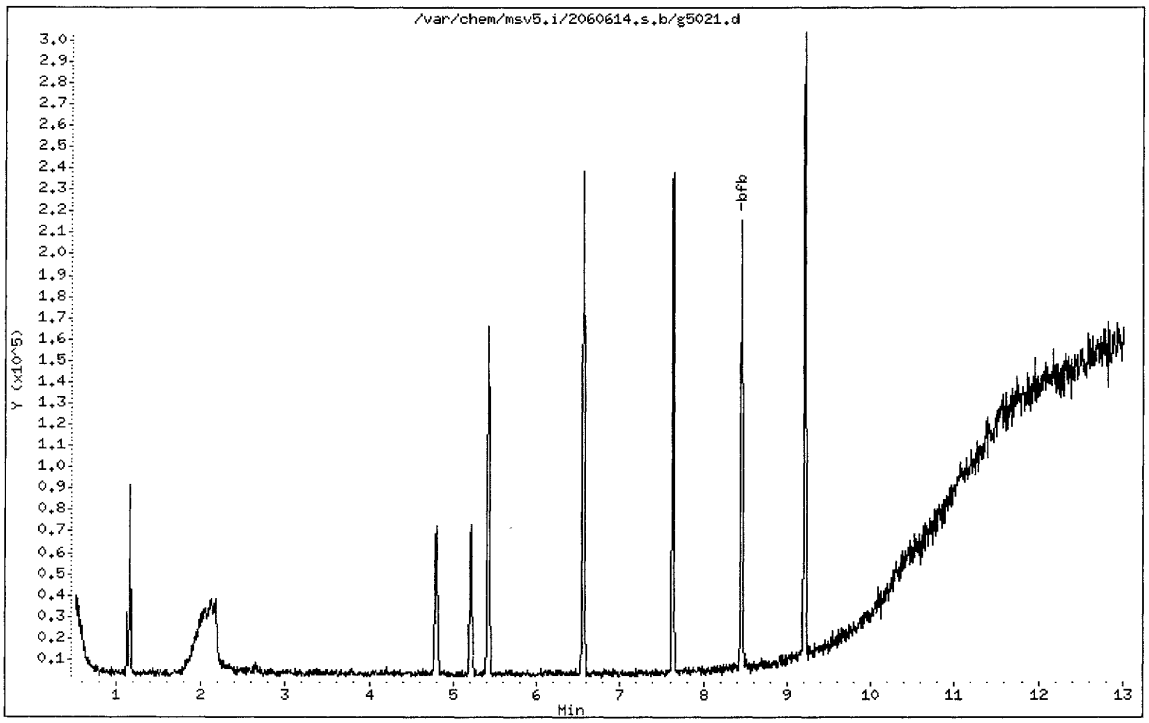
Instrument: msv5.i

Sample Info: 1000*V5BFB01

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53



Data File: /var/chem/msv5.i/2060614.s.b/g5021.d

Date : 14-JUN-2006 06:14

Client ID: V5BFB01

Instrument: msv5.i

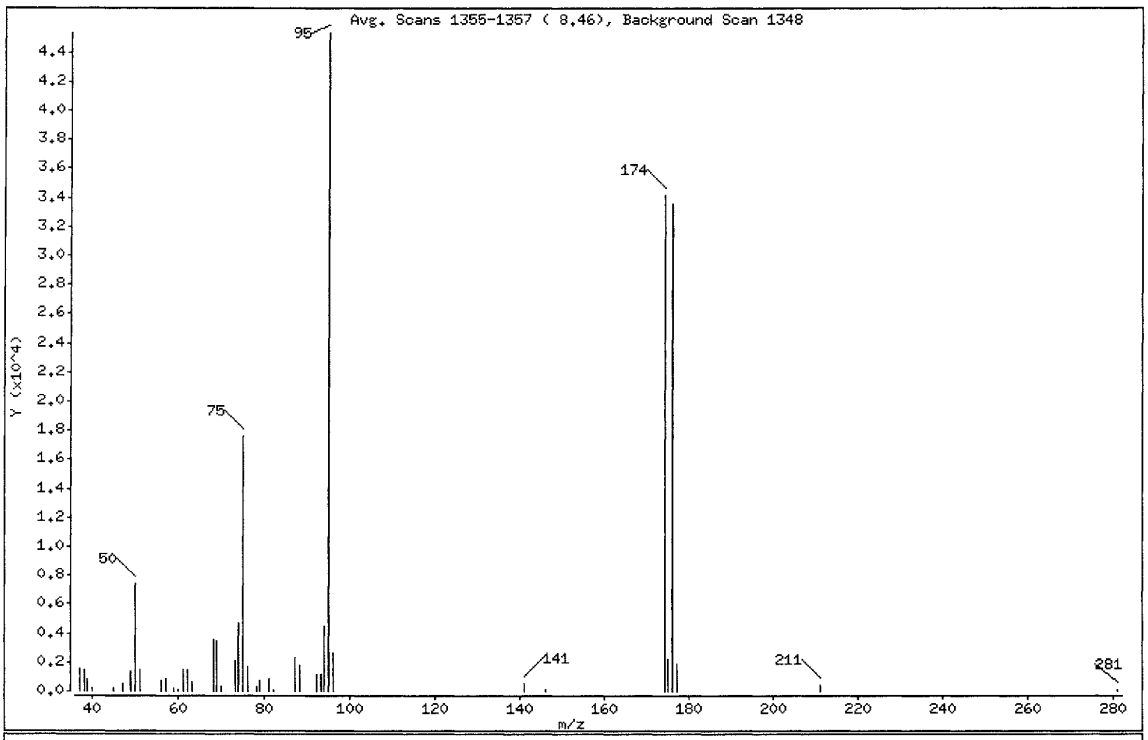
Sample Info: 1000*V5BFB01

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.32
75	30.00 - 60.00% of mass 95	38.79
96	5.00 - 9.00% of mass 95	5.63
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	75.41
175	5.00 - 9.00% of mass 174	4.79 (6.35)
176	95.00 - 101.00% of mass 174	74.11 (98.29)
177	5.00 - 9.00% of mass 176	4.18 (5.64)

Data File: /var/chem/msv5.i/2060614.s.b/g5021.d

Date : 14-JUN-2006 06:14

Client ID: V5BFB01 Instrument: msv5.i

Sample Info: 1000*V5BFB01

Operator: ABD

Column phase: DB-624-30M Column diameter: 0.53

Data File: g5021.d
Spectrum: Avg. Scans 1355-1357 (8.46), Background Scan 1348
Location of Maximum: 95.00
Number of points: 42

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1561	59.00	185	76.00	1665	96.00	2554
38.00	1489	60.00	150	78.00	263	141.00	492
39.00	815	61.00	1469	79.00	738	146.00	155
40.00	169	62.00	1497	81.00	837	174.00	34176
45.00	229	63.00	620	82.00	148	175.00	2169
47.00	494	68.00	3562	87.00	2311	176.00	33592
49.00	1394	69.00	3442	88.00	1809	177.00	1893
50.00	7398	70.00	298	92.00	1099	211.00	452
51.00	1410	73.00	2042	93.00	1175	281.00	144
56.00	739	74.00	4713	94.00	4528		
57.00	840	75.00	17576	95.00	45320		

GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5023.d
Lab Smp Id: 1206 Client Smp ID: V5STD002APP9
Inj Date : 14-JUN-2006 07:30
Operator : ABD Inst ID: msv5.i
Smp Info : 1206*V5STD002APP9
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060615p.s.b/8260Bw5.m
Meth Date : 15-Jun-2006 10:16 rjo Quant Type: ISTD
Cal Date : 14-JUN-2006 07:30 Cal File: g5023.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.671	1.671	(0.306)	8794	2.00000	2.00	6741(a)
9 Ethyl Ether	59	2.462	2.462	(0.451)	30359	10.0000	10.0	7985(a)
16 Allyl chloride	39	3.147	3.147	(0.576)	10469	2.00000	2.00	6367(a)
23 Acetonitrile	41	3.780	3.780	(0.692)	20953	10.0000	10.0	8869(a)
25 Isopropyl Ether	45	3.909	3.909	(0.716)	28758	2.00000	2.00	8449(a)
29 Chloroprene	53	3.985	3.985	(0.730)	12689	2.00000	2.00	7770(a)
146 Tetrahydrofuran	42	4.834	4.834	(0.885)	16642	10.0000	10.0	6241(A)
33 Ethyl Acetate	43	4.804	4.804	(0.880)	26911	10.0000	10.0	4263(a)
147 2-2-4 trimethyl Pentane	57	5.050	5.050	(0.925)	30916	2.00000	2.00	8337(aA)
34 Propionitrile	54	5.179	5.179	(0.948)	6893	10.0000	10.0	7775(a)
144 Methacrylonitrile	41	5.191	5.191	(0.951)	5904	2.00000	2.00	7294(aA)
* 47 FLUOROBENZENE	96	5.461	5.461	(1.000)	1004781	50.0000		
43 Isobutyl Alcohol	43	5.355	5.355	(0.981)	1404	10.0000	10.0	899(aH)
52 2-3 Dichloro-1-Proprene	75	5.941	5.941	(1.088)	15000	2.00000	2.00	8168(a)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
48 n-Butanol	56	5.841	5.841	(1.070)	1178	10.0000	10.0	1349(a)
62 Ethyl Methacrylate	41	6.995	6.995	(0.916)	10811	2.00000	2.00	2213(aM)
54 1,4- Dioxane	58	6.158	6.158	(1.128)	1116	50.0000	50.0	3250(a)
141 2-nitropropane	43	6.778	6.778	(1.241)	2569	2.00000	2.00	5396(aM)
53 Methyl Methacrylate	69	6.117	6.117	(1.120)	7026	2.00000	2.00	6964
142 1-nitropropane	43	7.434	7.434	(1.361)	5597	2.00000	2.00	6336(a)
* 70 CHLOROBENZENE-d5	82	7.640	7.640	(1.000)	437021	50.0000		
145 1,5 Cyclooctadiene	67	8.226	8.226	(1.506)	10314	2.00000	2.00	8941(aA)
79 Cyclohexanone	55	8.742	8.742	(1.144)	1587	4.00000		0(aM)
95 Pentachloroethane	167	8.918	8.918	(0.968)	7701	2.00000	2.00	8953(a)
148 Dicylopentadiene	66	9.100	9.100	(0.987)	44386	2.00000	2.00	9182(aA)
* 99 1,4-DICHLOROBENZENE-D4	152	9.217	9.217	(1.000)	384855	50.0000		
110 Benzal Chloride	125	10.310	10.310	(1.119)	10780	4.00000	4.00	6433(a)

QC Flag Legend

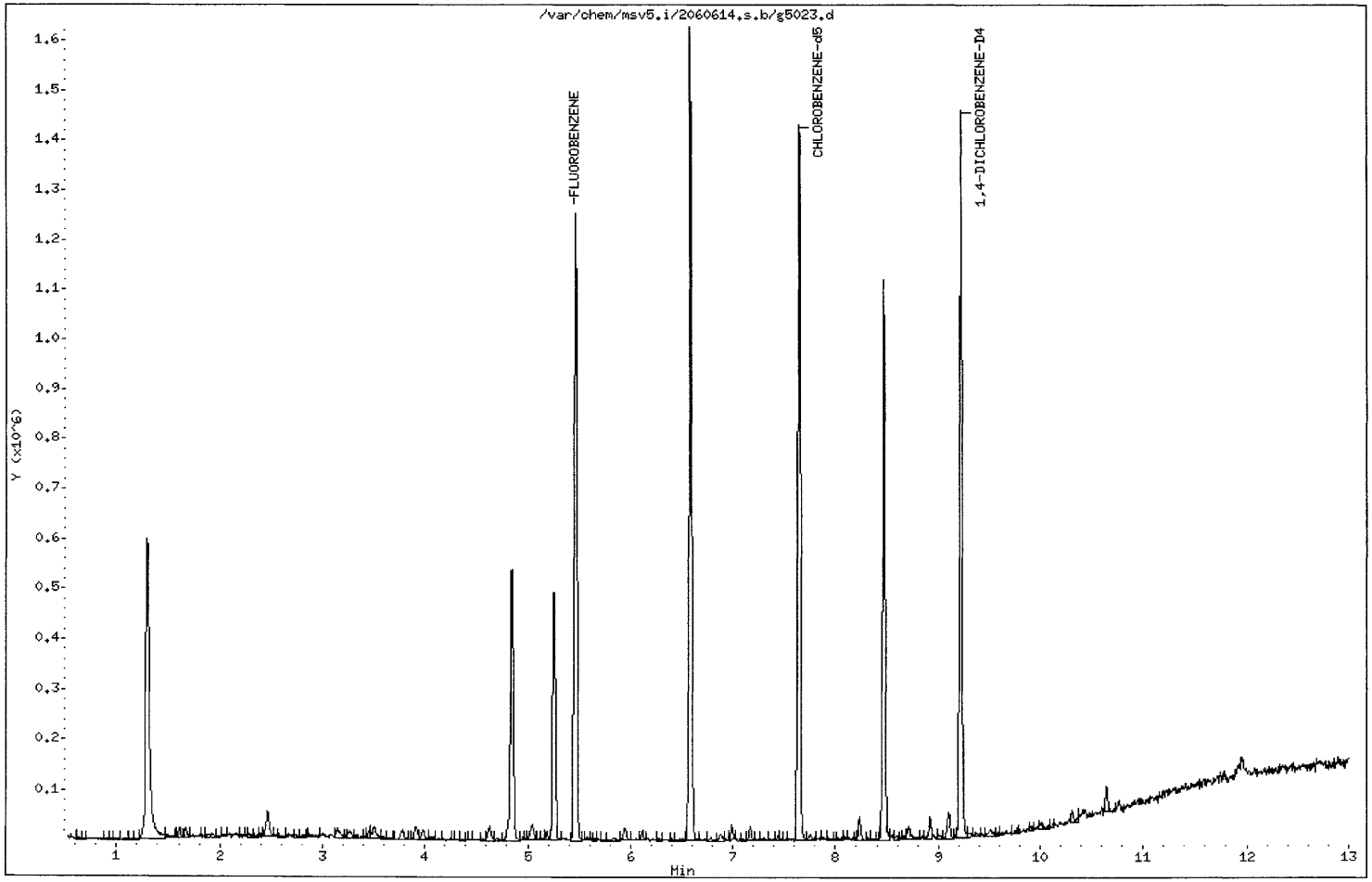
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060614.s.b/g5023.d
Date : 14-JUN-2006 07:30
Client ID: V5STD002APP9
Sample Info: 1206*V5STD002APP9
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

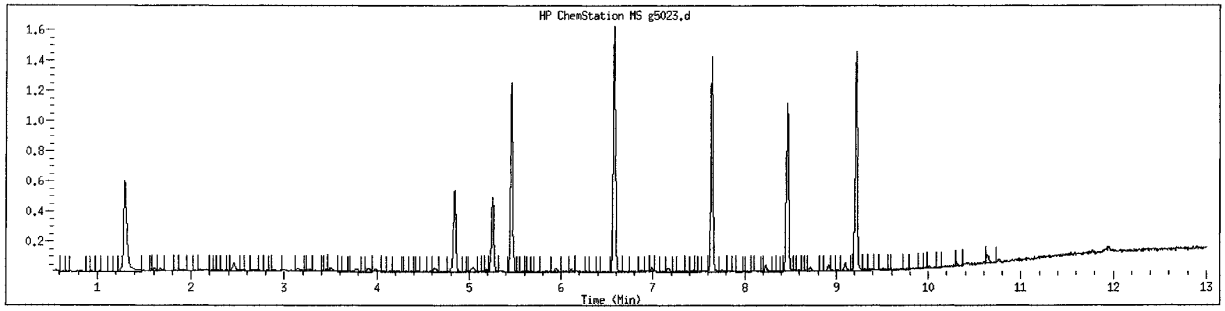
Operator: ABD
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060614.s.b/g5023.d Page: 1
Report Date: 06/15/2006 10:16

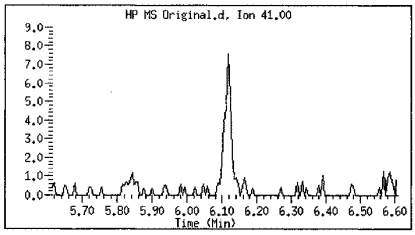
MANUAL INTEGRATION GRAPHIC REPORT

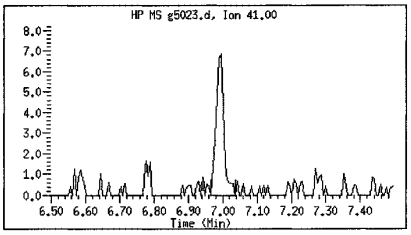
Lab ID	: 1206	SampleType	: CALIB_6
Injection Date	: 14-JUN-2006 07:30	Instrument	: msv5.i
Operator	: ABD		
Sample Info	: 1206*V5STD002APP9		
Misc Info	: MSV~8527~*1*ABD		
Method	: /var/chem/msv5.i/2060615p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist:	APP9



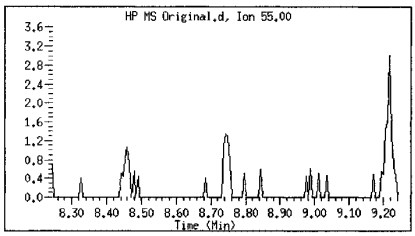
Original Final

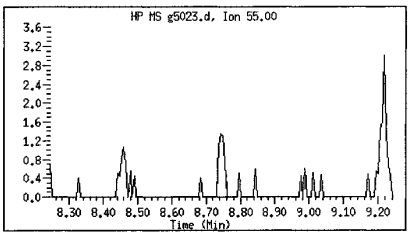
62 Ethyl Methacrylate CAS#: 97-63-2





79 Cyclohexanone CAS#: 108-94-1

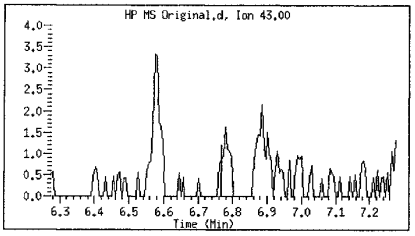


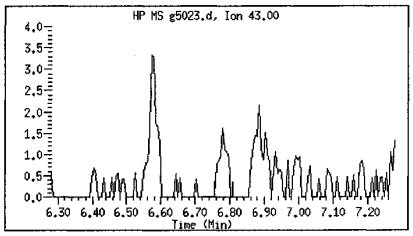


188365

Original Final

141 2-nitropropane CAS#: 79-46-9





GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5025.d
Lab Smp Id: 1201 Client Smp ID: V5STD005APP9
Inj Date : 14-JUN-2006 08:30
Operator : ABD Inst ID: msv5.i
Smp Info : 1201*V5STD005APP9
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060615p.s.b/8260Bw5.m
Meth Date : 15-Jun-2006 10:16 rjo Quant Type: ISTD
Cal Date : 14-JUN-2006 08:30 Cal File: g5025.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.677	1.677	(0.307)	25712	5.00000	5.51	8640
9 Ethyl Ether	59	2.468	2.468	(0.452)	86820	25.0000	27.3	9318
155 sec-Butanol	45	4.875	4.875	(0.893)	1887	5.00000	5.00	4357
16 Allyl chloride	39	3.153	3.153	(0.577)	26513	5.00000	5.15	8288
23 Acetonitrile	41	3.780	3.780	(0.692)	35818	25.0000	25.0	8674
25 Isopropyl Ether	45	3.914	3.914	(0.717)	99266	5.00000	5.92	8847
29 Chloroprene	53	3.985	3.985	(0.730)	38042	5.00000	5.57	8862
146 Tetrahydrofuran	42	4.834	4.834	(0.885)	44289	25.0000	26.4	7266(A)
33 Ethyl Acetate	43	4.810	4.810	(0.881)	71660	25.0000	26.4	5588
147 2-2-4 trimethyl Pentane	57	5.039	5.039	(0.923)	103133	5.00000	5.83	9240(A)
34 Propionitrile	54	5.179	5.179	(0.948)	20953	25.0000	28.0	8691
144 Methacrylonitrile	41	5.191	5.191	(0.951)	17487	5.00000	5.54	8280(A)
* 47 FLUOROBENZENE	96	5.461	5.461	(1.000)	957237	50.0000		
43 Isobutyl Alcohol	43	5.338	5.338	(0.977)	4629	25.0000	25.0	1046(H)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
52 2-3 Dichloro-1-Proprene	75	5.947	5.947	(1.089)	48448	5.00000	5.76	9251
48 n-Butanol	56	5.835	5.835	(1.069)	4439	25.0000	30.6	1227(H)
62 Ethyl Methacrylate	41	6.111	6.111	(0.800)	27704	5.00000	5.24	8028
54 1,4- Dioxane	58	6.140	6.140	(1.124)	1880	125.000	125	5644
141 2-nitropropane	43	6.779	6.779	(1.241)	8697	5.00000	5.87	7785
53 Methyl Methacrylate	69	6.117	6.117	(1.120)	17631	5.00000	5.13	7731
142 1-nitropropane	43	7.282	7.282	(1.334)	6679	5.00000	5.00	7631
* 70 CHLOROBENZENE-d5	82	7.640	7.640	(1.000)	406680	50.0000		
145 1,5 Cyclooctadiene	67	8.232	8.232	(1.507)	43574	5.00000	5.00	9411(A)
79 Cyclohexanone	55	8.742	8.742	(1.144)	3082	10.0000	10.0	0(M)
95 Pentachloroethane	167	8.924	8.924	(0.969)	22264	5.00000	5.52	9102
148 Dicylopentadiene	66	9.100	9.100	(0.988)	145187	5.00000	5.82	9495(A)
* 99 1,4-DICHLOROBENZENE-D4	152	9.212	9.212	(1.000)	361087	50.0000		
110 Benzal Chloride	125	10.310	10.310	(1.119)	31761	10.0000	10.0	8343

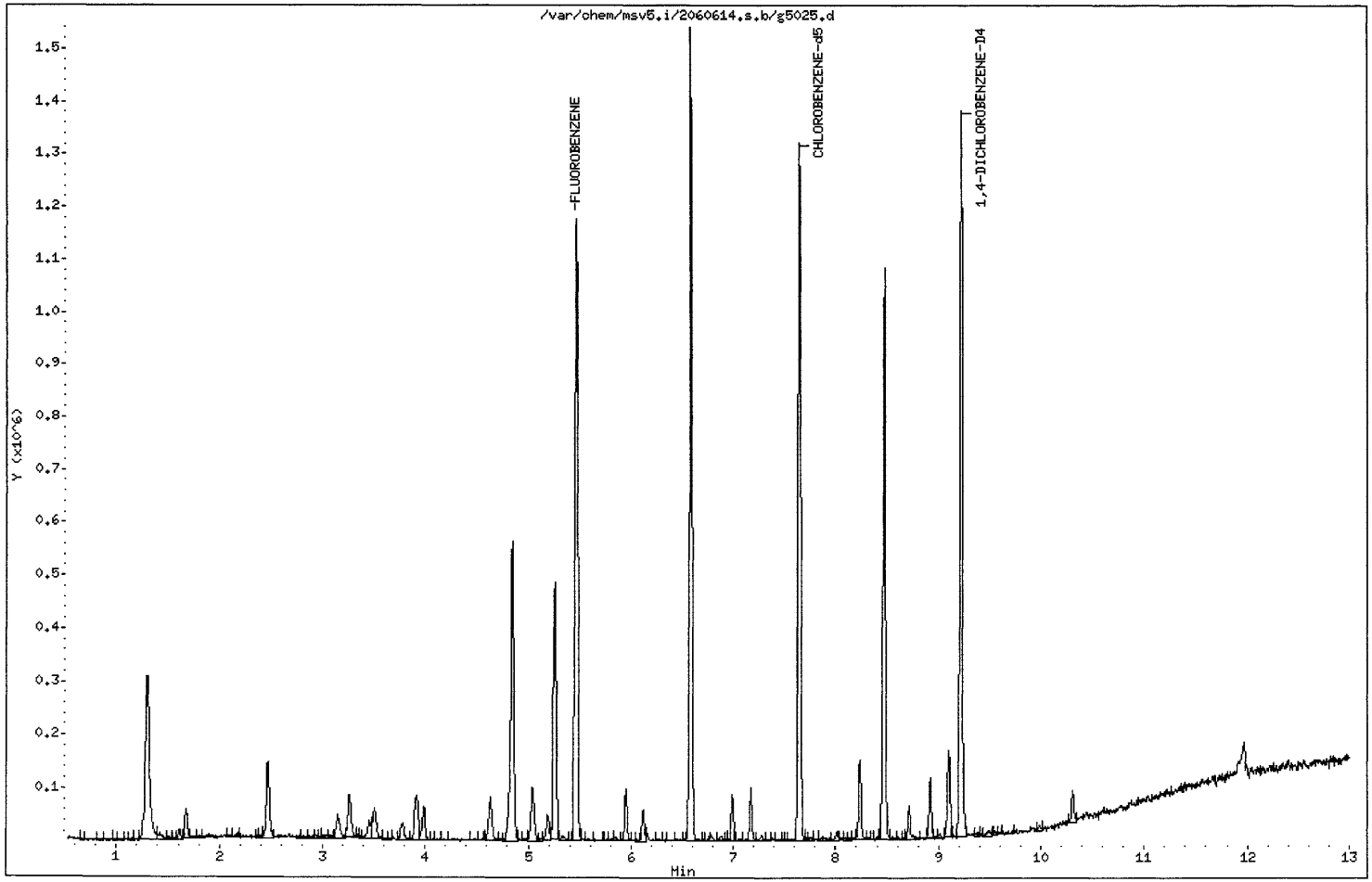
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060614.s.b/g5025.d
Date : 14-JUN-2006 08:30
Client ID: V5STD005APP9
Sample Info: 1201*V5STD005APP9
Purge Volume: 5.0
Column phase: DB-VRX-30M

Instrument: msv5.i

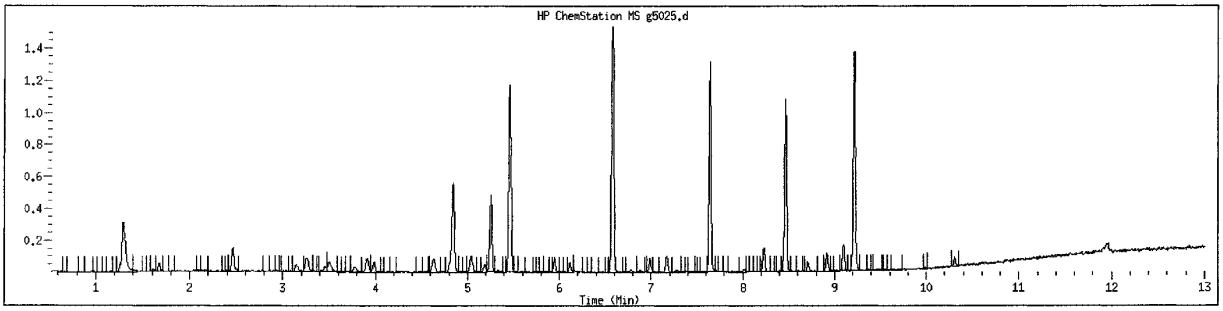
Operator: ABD
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060614.s.b/g5025.d Page: 1
Report Date: 06/15/2006 10:16

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1201	SampleType	: CALIB_1
Injection Date	: 14-JUN-2006 08:30	Instrument	: msv5.i
Operator	: ABD		
Sample Info	: 1201*V5STD005APP9		
Misc Info	: MSV~8527~*1*ABD		
Method	: /var/chem/msv5.i/2060615p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist:	APP9



Original Final

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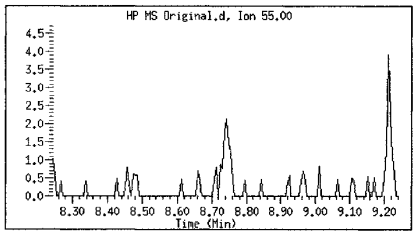
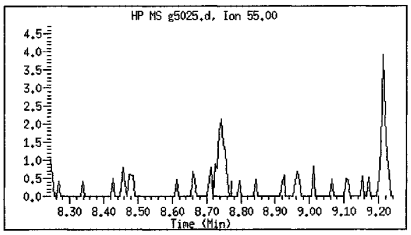
79 Cyclohexanone CAS#: 108-94-1





GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5026.d
Lab Smp Id: 1208 Client Smp ID: V5STD010APP9
Inj Date : 14-JUN-2006 08:56
Operator : ABD Inst ID: msv5.i
Smp Info : 1208*V5STD010APP9
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060615p.s.b/8260Bw5.m
Meth Date : 15-Jun-2006 10:16 rjo Quant Type: ISTD
Cal Date : 14-JUN-2006 08:56 Cal File: g5026.d
Als bottle: 4 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.677	1.677	(0.307)	41448	10.0000	9.24	9245
9 Ethyl Ether	59	2.462	2.462	(0.451)	179739	50.0000	54.2	9603
155 sec-Butanol	45	4.869	4.869	(0.892)	2988	10.0000	8.84	4561
16 Allyl chloride	39	3.147	3.147	(0.576)	54576	10.0000	10.4	9204
23 Acetonitrile	41	3.780	3.780	(0.692)	53231	50.0000	48.7	9148
25 Isopropyl Ether	45	3.909	3.909	(0.716)	186864	10.0000	10.7	9398
29 Chloroprene	53	3.985	3.985	(0.730)	78467	10.0000	11.0	8836
146 Tetrahydrofuran	42	4.834	4.834	(0.885)	92289	50.0000	53.3	8307(A)
33 Ethyl Acetate	43	4.811	4.811	(0.881)	159259	50.0000	55.5	5161
147 2-2-4 trimethyl Pentane	57	5.045	5.045	(0.924)	187927	10.0000	10.4	9535(A)
34 Propionitrile	54	5.180	5.180	(0.948)	42495	50.0000	54.4	8550
144 Methacrylonitrile	41	5.186	5.186	(0.950)	39047	10.0000	11.5	8150(A)
* 47 FLUOROBENZENE	96	5.461	5.461	(1.000)	955970	50.0000		
43 Isobutyl Alcohol	43	5.332	5.332	(0.976)	14351	50.0000	50.0	1689(H)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
52 2-3 Dichloro-1-Proprene	75	5.948	5.948	(1.089)	90032	10.0000	10.5	9283
48 n-Butanol	56	5.842	5.842	(1.070)	7981	50.0000	53.3	1930(H)
62 Ethyl Methacrylate	41	6.112	6.112	(0.800)	60948	10.0000	11.1	8670
54 1,4- Dioxane	58	6.153	6.153	(1.127)	11489	250.000	250	3412
141 2-nitropropane	43	6.779	6.779	(1.241)	16156	10.0000	10.6	8966
53 Methyl Methacrylate	69	6.117	6.117	(1.120)	42395	10.0000	11.5	8098
142 1-nitropropane	43	7.278	7.278	(1.333)	10664	10.0000	10.2	7791
* 70 CHLOROBENZENE-d5	82	7.641	7.641	(1.000)	399290	50.0000		
145 1,5 Cyclooctadiene	67	8.227	8.227	(1.506)	78817	10.0000	9.70	9330(A)
79 Cyclohexanone	55	8.743	8.743	(1.144)	5478	20.0000	19.0	5391
95 Pentachloroethane	167	8.919	8.919	(0.968)	40378	10.0000	10.5	9235
148 Dicylopentadiene	66	9.101	9.101	(0.987)	276945	10.0000	11.2	9456(A)
* 99 1,4-DICHLOROBENZENE-D4	152	9.219	9.219	(1.000)	334623	50.0000		
110 Benzal Chloride	125	10.311	10.311	(1.119)	26041	20.0000	20.0	7890

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060614.s.b/g5026.d

Date : 14-JUN-2006 08:56

Client ID: V5STD010APP9

Sample Info: 1208*V5STD010APP9

Purge Volume: 5.0

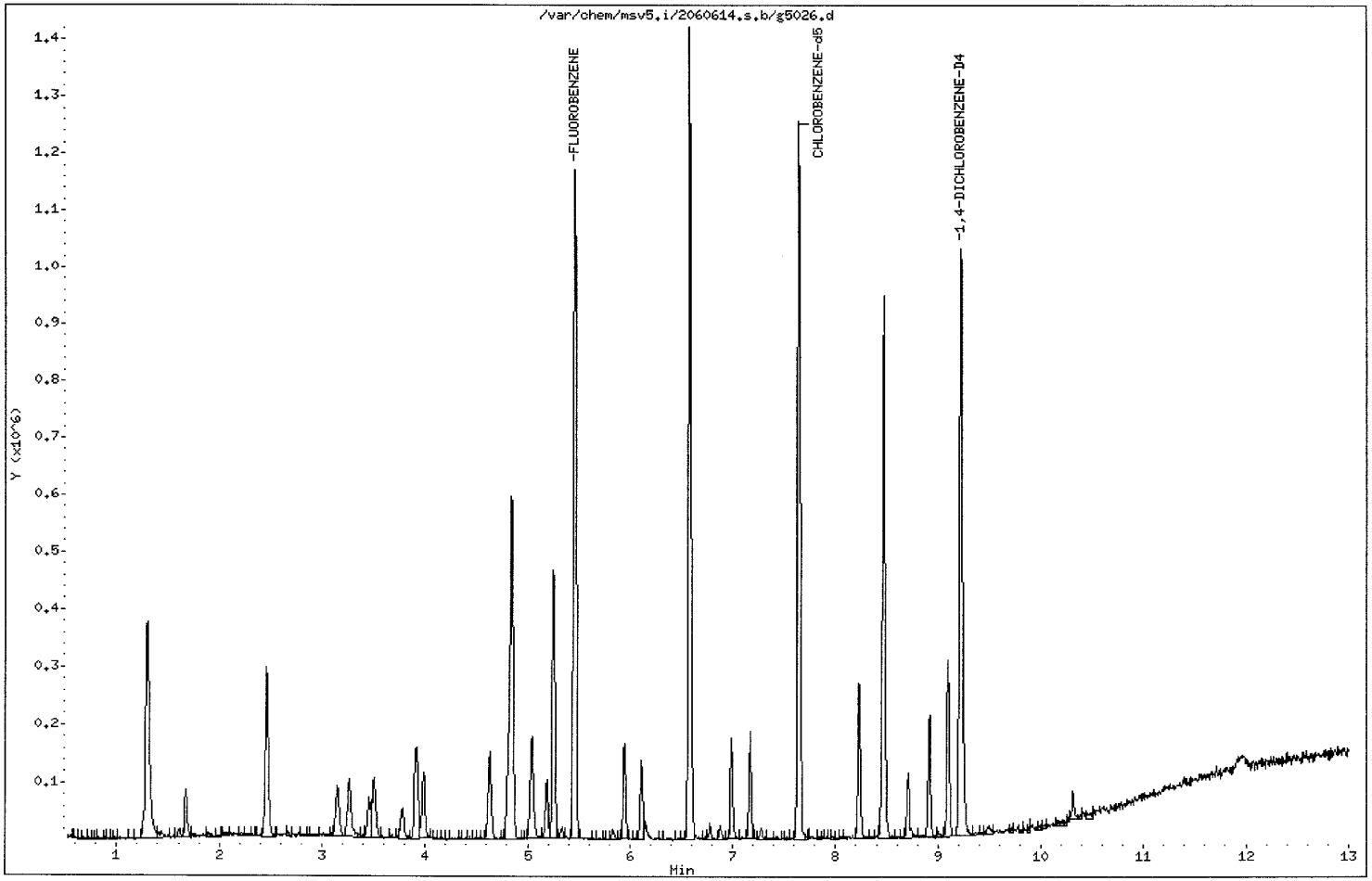
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: ABD

Column diameter: 0.53



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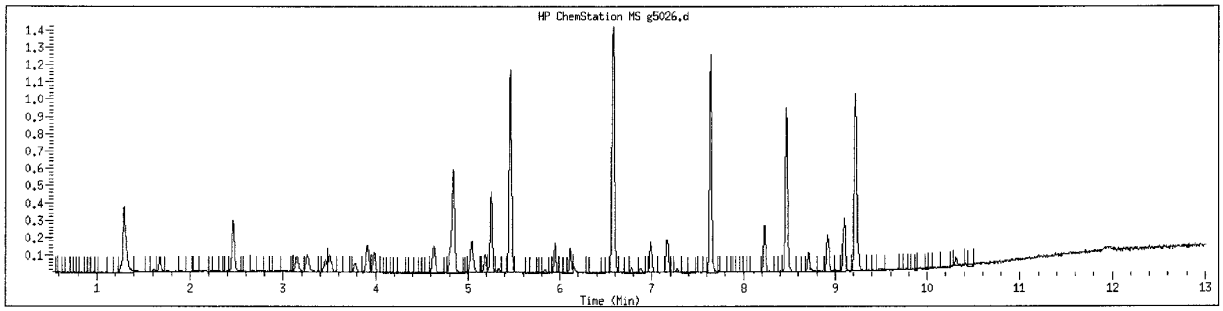
188373

Data file : /var/chem/msv5.i/2060614.s.b/g5026.d Page: 1
Report Date: 06/15/2006 10:16

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1208	SampleType	: CALIB_8
Injection Date	: 14-JUN-2006 08:56	Instrument	: msv5.i
Operator	: ABD		
Sample Info	: 1208*V5STD010APP9		
Misc Info	: MSV~8527~*1*ABD		
Method	: /var/chem/msv5.i/2060615p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: APP9



NO MANUAL INTEGRATIONS

188374

GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5027.d
Lab Smp Id: 1202 Client Smp ID: V5STD020APP9
Inj Date : 14-JUN-2006 09:23
Operator : ABD Inst ID: msv5.i
Smp Info : 1202*V5STD020APP9
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060615p.s.b/8260Bw5.m
Meth Date : 15-Jun-2006 10:16 rjo Quant Type: ISTD
Cal Date : 14-JUN-2006 09:23 Cal File: g5027.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.671	1.671	(0.306)	99912	20.0000	22.3	9739
9 Ethyl Ether	59	2.462	2.462	(0.451)	335895	100.000	104	9657
155 sec-Butanol	45	4.870	4.870	(0.893)	8075	20.0000	23.0	4698
16 Allyl chloride	39	3.141	3.141	(0.576)	96357	20.0000	19.3	9561
23 Acetonitrile	41	3.774	3.774	(0.692)	99261	100.000	101	8787
25 Isopropyl Ether	45	3.909	3.909	(0.716)	413718	20.0000	23.4	9212
29 Chloroprene	53	3.985	3.985	(0.730)	153797	20.0000	21.7	8769
146 Tetrahydrofuran	42	4.823	4.823	(0.884)	179071	100.000	106	7140(A)
33 Ethyl Acetate	43	4.805	4.805	(0.881)	316277	100.000	111	4397
147 2-2-4 trimethyl Pentane	57	5.040	5.040	(0.924)	423399	20.0000	23.2	9406(A)
34 Propionitrile	54	5.180	5.180	(0.949)	85962	100.000	111	8306
144 Methacrylonitrile	41	5.192	5.192	(0.952)	81253	20.0000	23.4	8960(A)
* 47 FLUOROBENZENE	96	5.456	5.456	(1.000)	918283	50.0000		
43 Isobutyl Alcohol	43	4.623	4.623	(0.847)	21614	100.000	99.0	2115

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
52 2-3 Dichloro-1-Proprene	75	5.948	5.948	(1.090)	193864	20.0000	22.5	9671
48 n-Butanol	56	5.837	5.837	(1.070)	16319	100.000	110	2400(H)
62 Ethyl Methacrylate	41	6.112	6.112	(0.800)	118057	20.0000	21.6	8508
54 1,4- Dioxane	58	6.153	6.153	(1.128)	25419	500.000	499	3112(M)
141 2-nitropropane	43	6.774	6.774	(1.242)	33138	20.0000	21.9	8995
53 Methyl Methacrylate	69	6.112	6.112	(1.120)	88854	20.0000	23.5	8018
142 1-nitropropane	43	7.279	7.279	(1.334)	22845	20.0000	20.5	7958
* 70 CHLOROBENZENE-d5	82	7.642	7.642	(1.000)	386964	50.0000		
145 1,5 Cyclooctadiene	67	8.228	8.228	(1.508)	176970	20.0000	20.2	9587(A)
79 Cyclohexanone	55	8.745	8.745	(1.144)	9686	40.0000	36.3	5528
95 Pentachloroethane	167	8.915	8.915	(0.967)	79839	20.0000	20.8	9592
148 Dicylopentadiene	66	9.097	9.097	(0.987)	599907	20.0000	23.3	9597(A)
* 99 1,4-DICHLOROBENZENE-D4	152	9.221	9.221	(1.000)	329883	50.0000		
110 Benzal Chloride	125	10.307	10.307	(1.118)	80741	40.0000	39.9	8680

QC Flag Legend

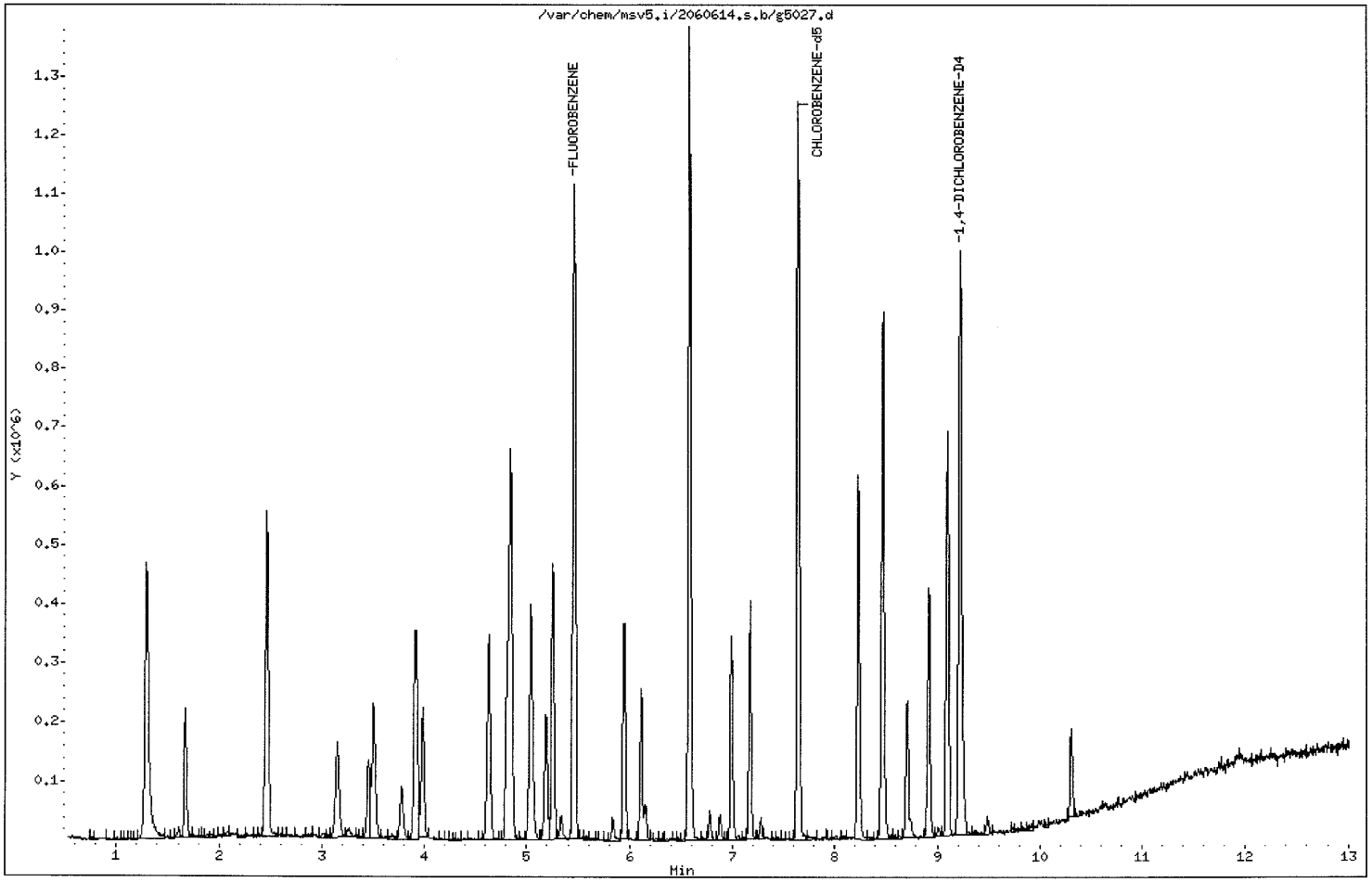
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060614.s.b/g5027.d
Date : 14-JUN-2006 09:23
Client ID: V5STD020APP9
Sample Info: 1202*V5STD020APP9
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

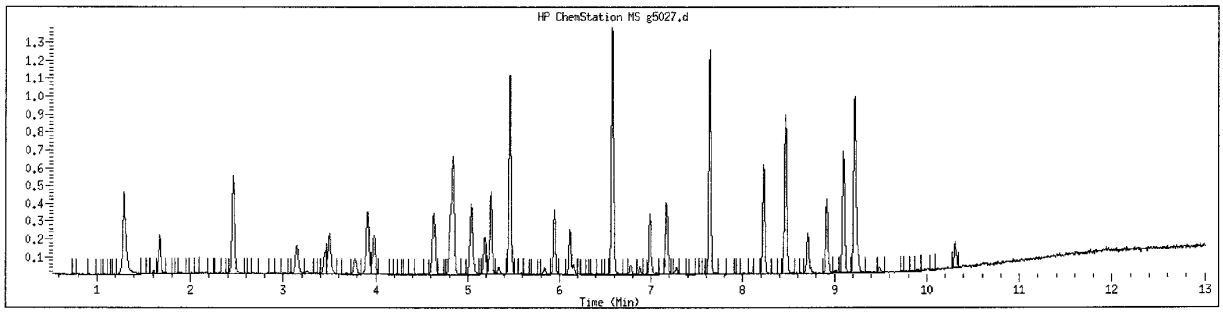
Operator: ABD
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060614.s.b/g5027.d Page: 1
Report Date: 06/15/2006 10:16

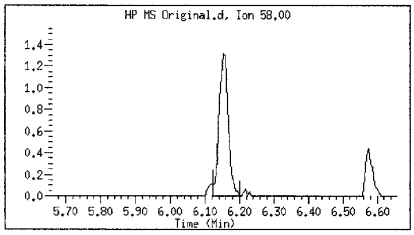
MANUAL INTEGRATION GRAPHIC REPORT

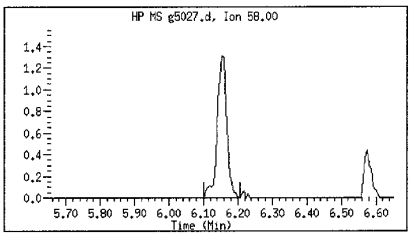
Lab ID	: 1202	SampleType	: CALIB_2
Injection Date	: 14-JUN-2006 09:23	Instrument	: msv5.i
Operator	: ABD		
Sample Info	: 1202*V5STD020APP9		
Misc Info	: MSV~8527~*1*ABD		
Method	: /var/chem/msv5.i/2060615p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: APP9



Original Final

54 1,4- Dioxane CAS#: 123-91-1





188378

GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5028.d
Lab Smp Id: 1203 Client Smp ID: V5STD050APP9
Inj Date : 14-JUN-2006 09:48
Operator : ABD Inst ID: msv5.i
Smp Info : 1203*V5STD050APP9
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060615p.s.b/8260Bw5.m
Meth Date : 15-Jun-2006 10:16 rjo Quant Type: ISTD
Cal Date : 14-JUN-2006 09:48 Cal File: g5028.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.671	1.671	(0.306)	206112	50.0000	46.7	0(M)
9 Ethyl Ether	59	2.462	2.462	(0.451)	715351	250.000	226	3296(M)
155 sec-Butanol	45	4.876	4.876	(0.894)	15547	50.0000	45.5	3230(MH)
16 Allyl chloride	39	3.142	3.142	(0.576)	234893	50.0000	47.6	0(M)
23 Acetonitrile	41	3.774	3.774	(0.692)	210342	250.000	247	8542(H)
25 Isopropyl Ether	45	3.909	3.909	(0.716)	777396	50.0000	44.9	9357
29 Chloroprene	53	3.980	3.980	(0.729)	365728	50.0000	51.2	8743
146 Tetrahydrofuran	42	4.829	4.829	(0.885)	388386	250.000	233	6691(A)
33 Ethyl Acetate	43	4.806	4.806	(0.881)	655786	250.000	233	4491
147 2-2-4 trimethyl Pentane	57	5.035	5.035	(0.923)	819638	50.0000	45.7	9533(A)
34 Propionitrile	54	5.181	5.181	(0.949)	198039	250.000	253	8480
144 Methacrylonitrile	41	5.187	5.187	(0.951)	151537	50.0000	44.8	8253(AH)
* 47 FLUOROBENZENE	96	5.457	5.457	(1.000)	920254	50.0000		
43 Isobutyl Alcohol	43	5.346	5.346	(0.980)	53307	250.000	250	1516(H)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
52 2-3 Dichloro-1-Proprene	75	5.943	5.943	(1.089)	377916	50.0000	44.9	9548
48 n-Butanol	56	5.844	5.844	(1.071)	37291	250.000	250	2752(MH)
62 Ethyl Methacrylate	41	6.987	6.987	(0.915)	269177	50.0000	50.2	7243(M)
54 1,4- Dioxane	58	6.149	6.149	(1.127)	50529	1250.00	1250	3523(M)
141 2-nitropropane	43	6.776	6.776	(1.242)	63327	50.0000	43.2	8853(M)
53 Methyl Methacrylate	69	6.113	6.113	(1.120)	177243	50.0000	47.4	2523(M)
142 1-nitropropane	43	7.280	7.280	(1.334)	45644	50.0000	48.9	6581(M)
* 70 CHLOROBENZENE-d5	82	7.638	7.638	(1.000)	379311	50.0000		
145 1,5 Cyclooctadiene	67	8.230	8.230	(1.508)	353458	50.0000	48.2	3456(AM)
79 Cyclohexanone	55	8.741	8.741	(1.144)	28189	100.000	106	5489(M)
95 Pentachloroethane	167	8.917	8.917	(0.967)	185773	50.0000	49.3	0(M)
148 Dicylopentadiene	66	9.099	9.099	(0.987)	1220519	50.0000	48.5	9633(A)
* 99 1,4-DICHLOROBENZENE-D4	152	9.223	9.223	(1.000)	325553	50.0000		
110 Benzal Chloride	125	10.310	10.310	(1.118)	182693	100.000	99.9	0(M)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060614.s.b/g5028.d

Date : 14-JUN-2006 09:48

Client ID: V5STD050APP9

Sample Info: 1203*V5STD050APP9

Purge Volume: 5.0

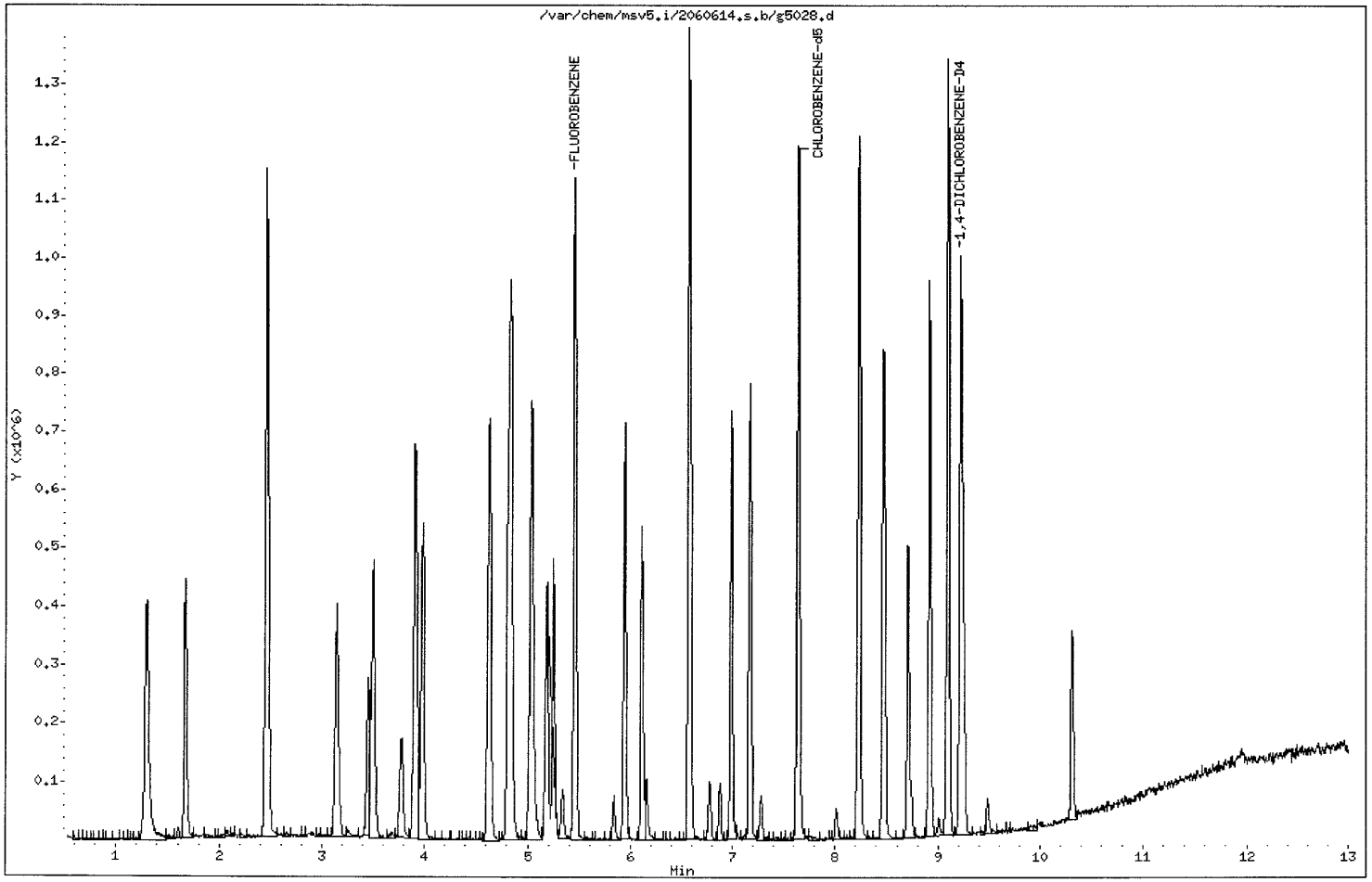
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: ABD

Column diameter: 0.53



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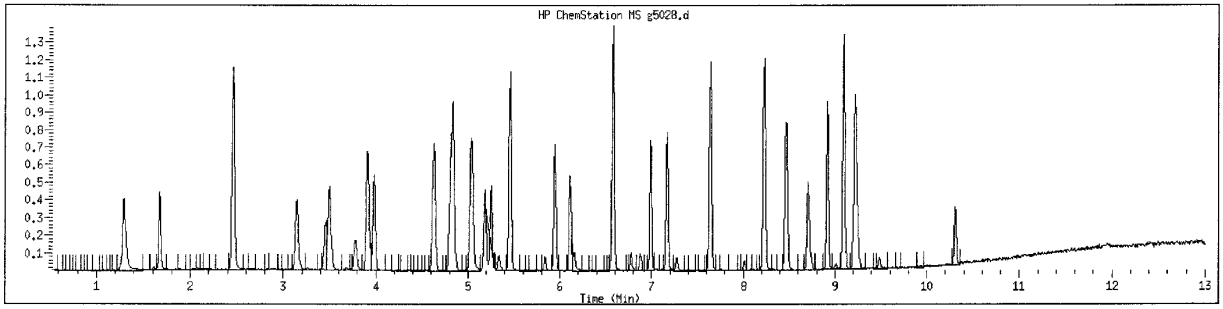
Data file : /var/chem/msv5.i/2060614.s.b/g5028.d Page: 1
Report Date: 06/15/2006 10:16

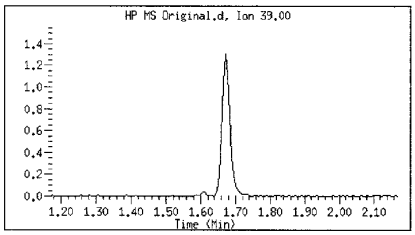
MANUAL INTEGRATION GRAPHIC REPORT

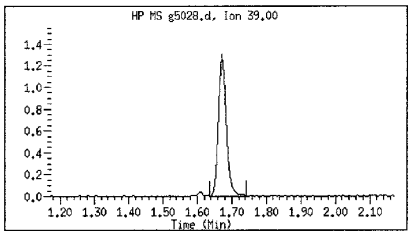
Lab ID : 1203 SampleType : CALIB_3
Injection Date: 14-JUN-2006 09:48 Instrument : msv5.i
Operator : ABD
Sample Info : 1203*V5STD050APP9
Misc Info : MSV~8527~*1*ABD
Method : /var/chem/msv5.i/2060615p.s.b/8260Bw5.m
Dilution : 1.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: APP9



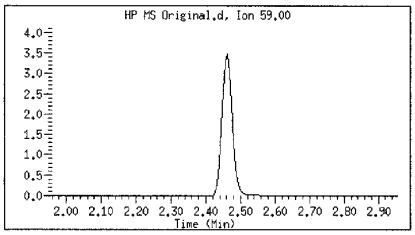
Original Final

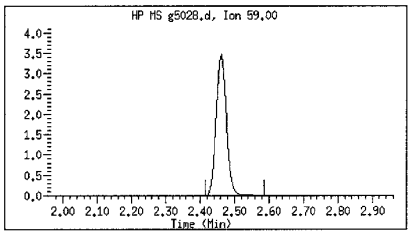
4 1-3 Butadiene CAS#: 106-99-0





9 Ethyl Ether CAS#: 60-29-7

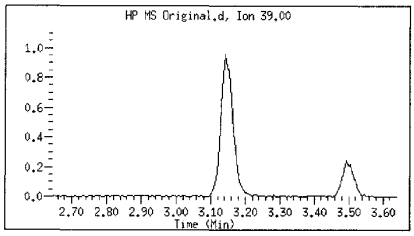


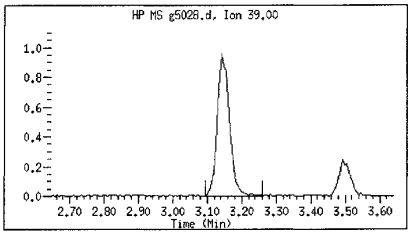


188382

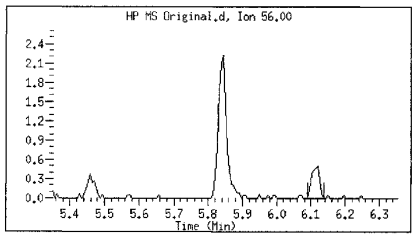
Original | Final

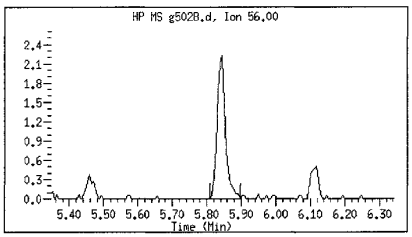
16 Allyl chloride CAS#: 107-05-1



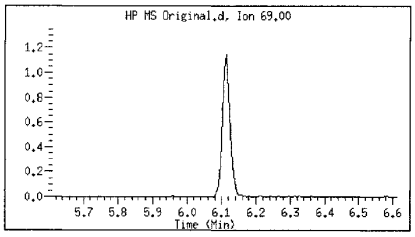


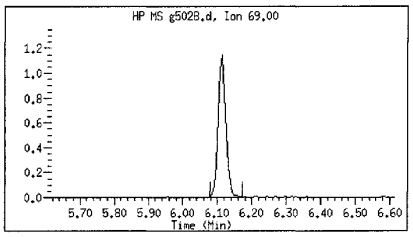
48 n-Butanol CAS#: 71-36-3



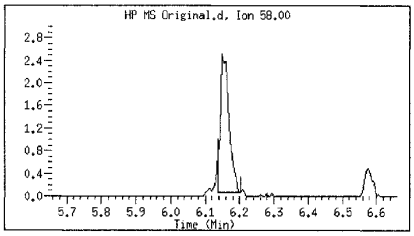


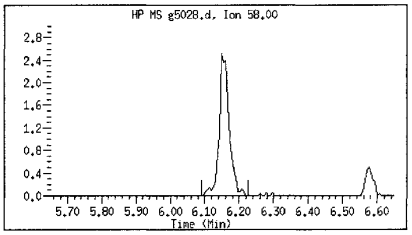
53 Methyl Methacrylate CAS#: 80-62-6



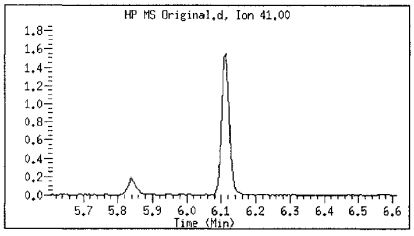


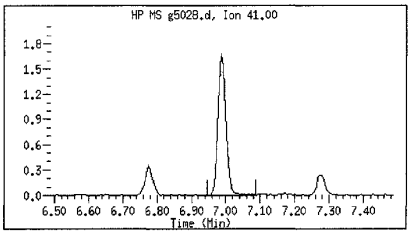
54 1,4- Dioxane CAS#: 123-91-1





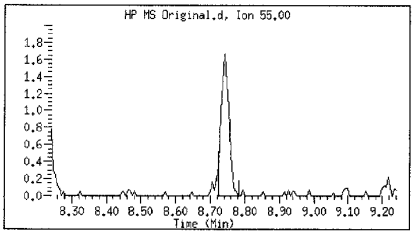
62 Ethyl Methacrylate CAS#: 97-63-2

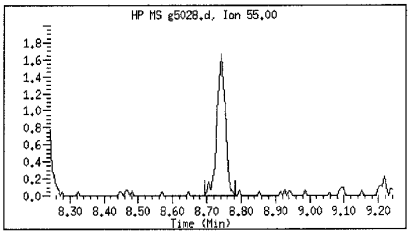




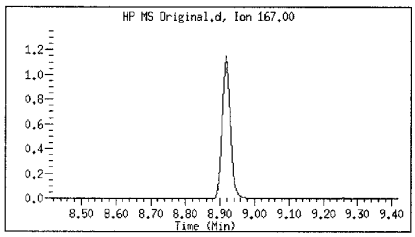
Original | Final

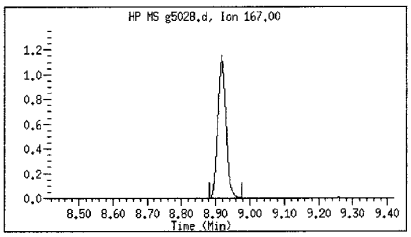
79 Cyclohexanone CAS#: 108-94-1



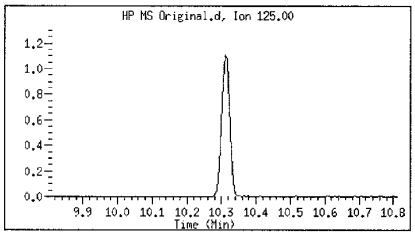


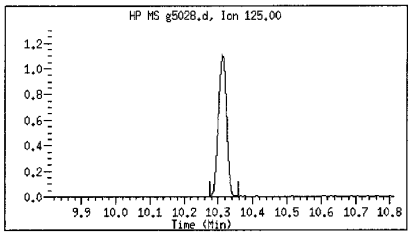
95 Pentachloroethane CAS#: 76-01-7



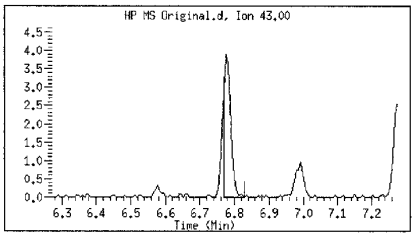


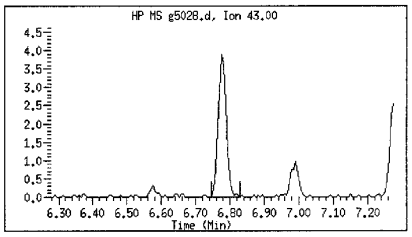
110 Benzal Chloride CAS#: 98-87-3



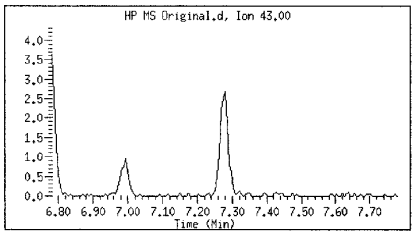


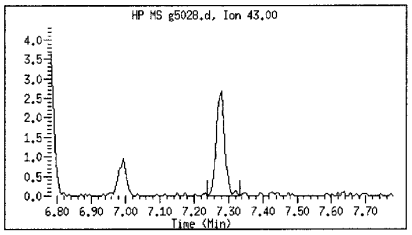
141 2-nitropropane CAS#: 79-46-9





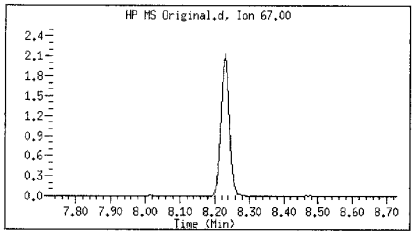
142 1-nitropropane CAS#: 108-03-2

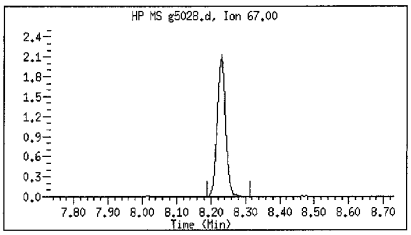




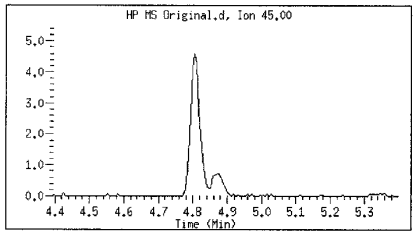
Original Final

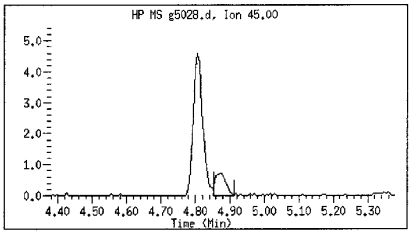
145 1,5 Cyclooctadiene CAS#: 111-78-4





155 sec-Butanol CAS#: 78-92-2





GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5029.d
Lab Smp Id: 1204 Client Smp ID: V5STD100APP9
Inj Date : 14-JUN-2006 10:15
Operator : ABD Inst ID: msv5.i
Smp Info : 1204*V5STD100APP9
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060615p.s.b/8260Bw5.m
Meth Date : 15-Jun-2006 10:16 rjo Quant Type: ISTD
Cal Date : 14-JUN-2006 10:15 Cal File: g5029.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.671	1.671	(0.306)	467548	100.000	104	9446
9 Ethyl Ether	59	2.456	2.456	(0.450)	1408615	500.000	450	9786
155 sec-Butanol	45	4.883	4.883	(0.895)	36496	100.000	105	5540
16 Allyl chloride	39	3.148	3.148	(0.577)	481079	100.000	97.2	9490
23 Acetonitrile	41	3.775	3.775	(0.692)	393226	500.000	495	8454
25 Isopropyl Ether	45	3.910	3.910	(0.716)	1652926	100.000	95.5	9344
29 Chloroprene	53	3.980	3.980	(0.729)	736162	100.000	102	8667
146 Tetrahydrofuran	42	4.824	4.824	(0.884)	809213	500.000	483	5693(A)
33 Ethyl Acetate	43	4.807	4.807	(0.881)	1306671	500.000	466	4692
147 2-2-4 trimethyl Pentane	57	5.036	5.036	(0.923)	1883911	100.000	103	9480(A)
34 Propionitrile	54	5.182	5.182	(0.949)	387225	500.000	493	8008
144 Methacrylonitrile	41	5.188	5.188	(0.951)	326886	100.000	96.4	8524(A)
* 47 FLUOROBENZENE	96	5.458	5.458	(1.000)	928197	50.0000		
43 Isobutyl Alcohol	43	5.347	5.347	(0.980)	111931	500.000	501	1185(MH)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
52 2-3 Dichloro-1-Proprene	75	5.945	5.945	(1.089)	835851	100.000	98.6	9458
48 n-Butanol	56	5.845	5.845	(1.071)	75081	500.000	500	2124(H)
62 Ethyl Methacrylate	41	6.115	6.115	(0.800)	528042	100.000	102	8344
54 1,4- Dioxane	58	6.156	6.156	(1.128)	108144	2500.00	2510	3166
141 2-nitropropane	43	6.778	6.778	(1.242)	139083	100.000	95.0	8884
53 Methyl Methacrylate	69	6.115	6.115	(1.120)	375425	100.000	99.7	7945
142 1-nitropropane	43	7.277	7.277	(1.333)	96989	100.000	101	8197
* 70 CHLOROBENZENE-d5	82	7.640	7.640	(1.000)	365012	50.0000		
145 1,5 Cyclooctadiene	67	8.227	8.227	(1.507)	761240	100.000	101	9647(A)
79 Cyclohexanone	55	8.938	8.938	(1.170)	24732	200.000	107	6306
95 Pentachloroethane	167	8.920	8.920	(0.967)	395897	100.000	104	9571
148 Dicylopentadiene	66	9.097	9.097	(0.987)	2637727	100.000	103	9704(A)
* 99 1,4-DICHLOROBENZENE-D4	152	9.221	9.221	(1.000)	327597	50.0000		
110 Benzal Chloride	125	10.308	10.308	(1.118)	493661	200.000	200	8741

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060614.s.b/g5029.d

Page 1

Date : 14-JUN-2006 10:15

Client ID: V5STD100APP9

Instrument: msv5.i

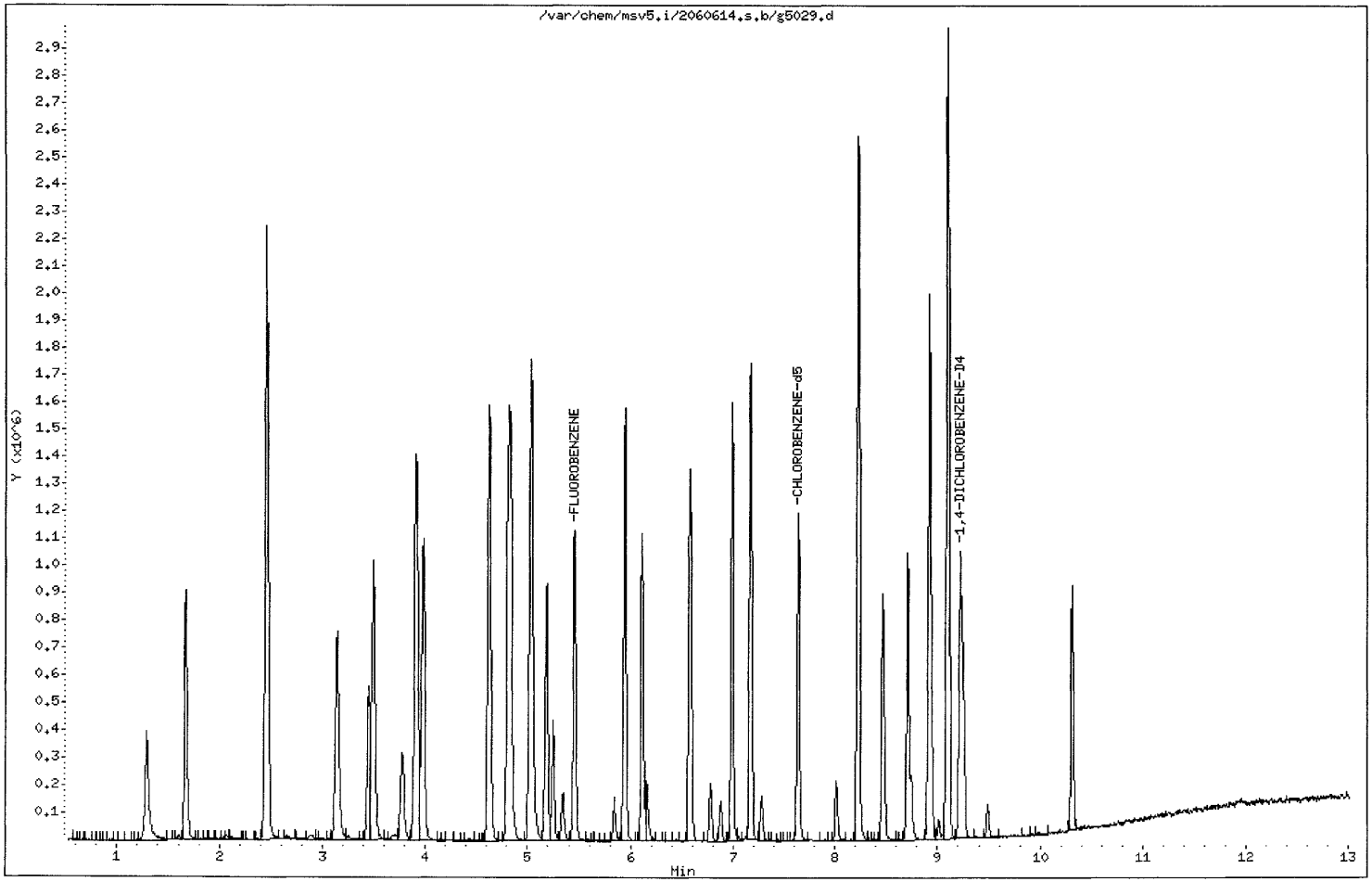
Sample Info: 1204*V5STD100APP9

Purge Volume: 5.0

Operator: ABD

Column phase: DB-VRX-30M

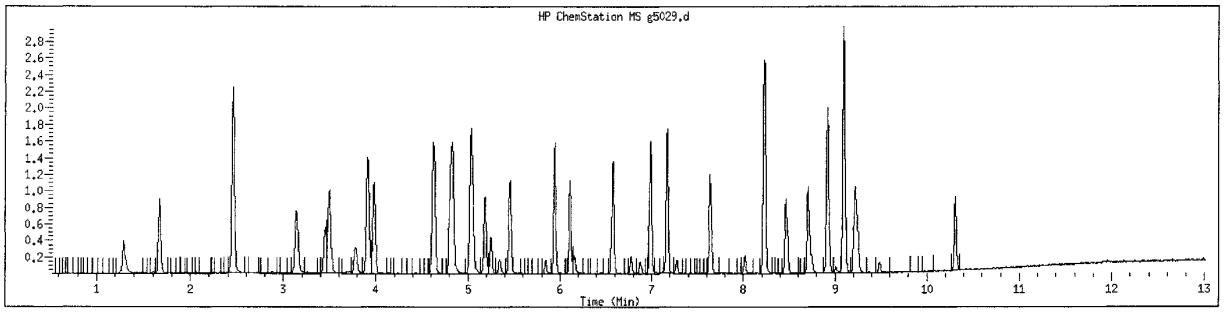
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060614.s.b/g5029.d Page: 1
Report Date: 06/15/2006 10:16

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1204	SampleType	: CALIB_4
Injection Date	: 14-JUN-2006 10:15	Instrument	: msv5.i
Operator	: ABD		
Sample Info	: 1204*V5STD100APP9		
Misc Info	: MSV~8527~*1*ABD		
Method	: /var/chem/msv5.i/2060615p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: APP9



Original Final

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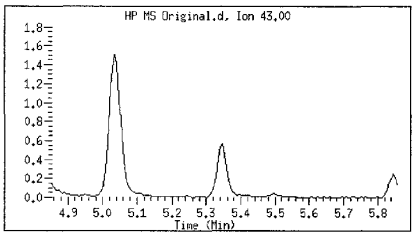
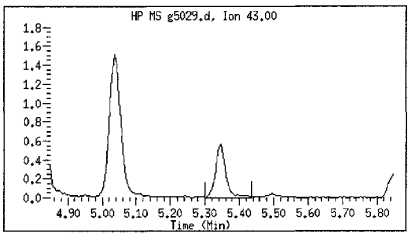
43 Isobutyl Alcohol CAS#: 78-83-1





188389

GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5030.d
Lab Smp Id: 1205 Client Smp ID: V5STD200APP9
Inj Date : 14-JUN-2006 10:47
Operator : ABD Inst ID: msv5.i
Smp Info : 1205*V5STD200APP9
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060615p.s.b/8260Bw5.m
Meth Date : 15-Jun-2006 10:16 rjo Quant Type: ISTD
Cal Date : 14-JUN-2006 10:47 Cal File: g5030.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.671	1.671	(1.000)	1144722	200.000	243	9439(A)
9 Ethyl Ether	59	2.457	2.457	(1.000)	2651473	1000.00	858	9809
155 sec-Butanol	45	4.896	4.896	(1.000)	69690	200.000	198	5573
16 Allyl chloride	39	3.142	3.142	(1.000)	1006648	200.000	201	9325(A)
23 Acetonitrile	41	3.782	3.782	(1.000)	768029	1000.00	995	8451
25 Isopropyl Ether	45	3.911	3.911	(1.000)	3577863	200.000	204	9351(A)
29 Chloroprene	53	3.975	3.975	(1.000)	1525588	200.000	207	8705(A)
146 Tetrahydrofuran	42	4.826	4.826	(1.000)	1428806	1000.00	863	5262(A)
33 Ethyl Acetate	43	4.808	4.808	(1.000)	2500132	1000.00	897	4709
147 2-2-4 trimethyl Pentane	57	5.037	5.037	(1.000)	4171101	200.000	222	9580(A)
34 Propionitrile	54	5.178	5.178	(1.000)	770278	1000.00	973	8272
144 Methacrylonitrile	41	5.190	5.190	(1.000)	702697	200.000	204	8701(A)
* 47 FLUOROBENZENE	96	5.454	5.454	(1.000)	939309	50.0000		(M)
43 Isobutyl Alcohol	43	5.354	5.354	(1.000)	197118	1000.00	997	1575

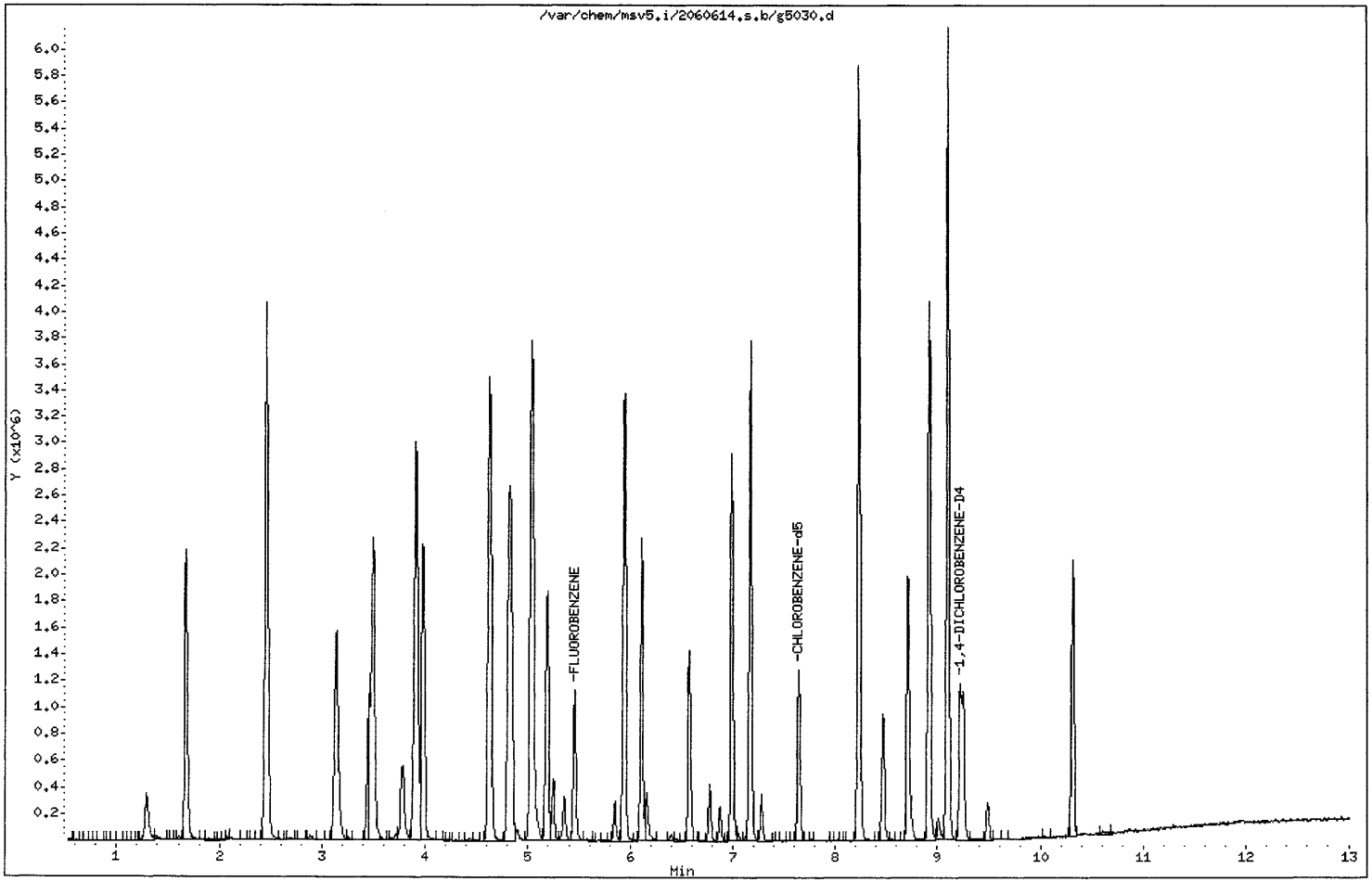
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
52 2-3 Dichloro-1-Proprene	75	5.947	5.947	(1.000)	1810287	200.000	209	9509(A)
48 n-Butanol	56	5.853	5.853	(1.000)	140189	1000.00	932	1990(H)
62 Ethyl Methacrylate	41	6.111	6.111	(0.800)	1009018	200.000	180	8413
54 1,4- Dioxane	58	6.158	6.158	(1.000)	192777	5000.00	4990	3130
141 2-nitropropane	43	6.774	6.774	(1.000)	315289	200.000	211	8695(A)
53 Methyl Methacrylate	69	6.111	6.111	(1.000)	763533	200.000	200	7988
142 1-nitropropane	43	7.280	7.280	(1.000)	199566	200.000	201	8156(A)
* 70 CHLOROBENZENE-d5	82	7.643	7.643	(1.000)	402616	50.0000		
145 1,5 Cyclooctadiene	67	8.230	8.230	(1.000)	1715948	200.000	204	9632(A)
79 Cyclohexanone	55	8.741	8.741	(1.144)	80968	400.000	330	5728
95 Pentachloroethane	167	8.918	8.918	(0.967)	813655	200.000	204	9586(A)
148 Dicylopentadiene	66	9.101	9.101	(0.987)	5613424	200.000	210	9749(A)
* 99 1,4-DICHLOROBENZENE-D4	152	9.218	9.218	(1.000)	340816	50.0000		
110 Benzal Chloride	125	10.312	10.312	(1.119)	1147986	400.000	399	8662

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060614.s.b/g5030.d
Date : 14-JUN-2006 10:47
Client ID: V5STD200APP9
Sample Info: 1205*V5STD200APP9
Purge Volume: 5.0
Column phase: DB-VRX-30M

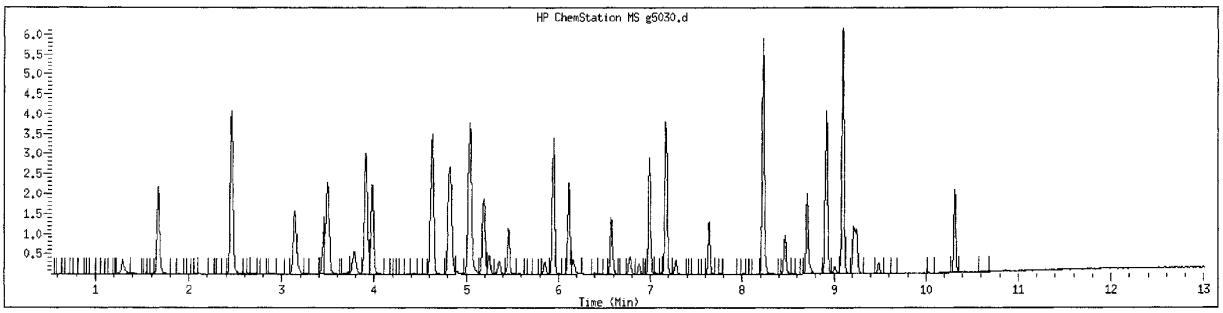
Instrument: msv5.i
Operator: ABD
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060614.s.b/g5030.d Page: 1
Report Date: 06/15/2006 10:16

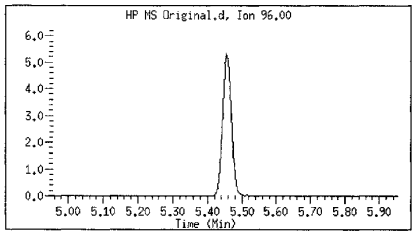
MANUAL INTEGRATION GRAPHIC REPORT

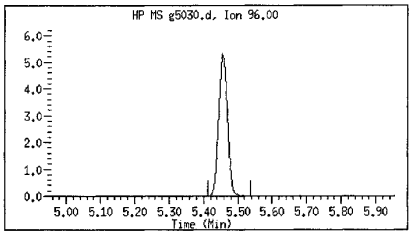
Lab ID	: 1205	SampleType	: CALIB_5
Injection Date	: 14-JUN-2006 10:47	Instrument	: msv5.i
Operator	: ABD		
Sample Info	: 1205*V5STD200APP9		
Misc Info	: MSV~8527~*1*ABD		
Method	: /var/chem/msv5.i/2060615p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: APP9



Original Final

* 47 FLUOROBENZENE CAS#: 462-06-6





000421

188393

Data File: /var/chem/msv5.i/2060614.s.b/g5032.d
Report Date: 19-Jul-2006 13:38

GCAL, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: 1600
Level: LOW
Data Type: MS DATA
SpikeList File: app9icv.spk
Sublist File: APP9.sub
Method File: /var/chem/msv5.i/2060614.s.b/8260Bw5.m
Misc Info: MSV~8527~*1*ABD

Client SDG: 2060614.s
Fraction: VOA
Client Smp ID: APPICV
Operator: ABD
SampleType: LCS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
144 Methacrylonitrile	50.0	45.5	90.96	75-125
145 1,5 Cyclooctadiene	50.0	43.7	87.46	75-125
146 Tetrahydrofuran	250	207	82.96	75-125
4 1-3 Butadiene	50.0	54.7	109.37	75-125
9 Ethyl Ether	250	244	97.52	75-125
23 Acetonitrile	250	250	100.05	75-125
16 Allyl chloride	50.0	49.2	98.37	75-125
19 tert-Butyl Alcohol	50.0	46.5	93.05	75-125
29 Chloroprene	50.0	51.4	102.73	75-125
34 Propionitrile	250	229	91.55	75-125
25 Isopropyl Ether	50.0	47.0	94.09	75-125
33 Ethyl Acetate	250	298	119.16	75-125
26 2-Butanol	100	0.00	*	75-125
48 n-Butanol	250	199	79.43	75-125
52 2-3 Dichloro-1-Proprene	50.0	47.1	94.29	75-125
43 Isobutyl Alcohol	250	195	78.09	75-125
53 Methyl Methacrylate	50.0	47.4	94.81	75-125
54 1,4- Dioxane	1250	1020	81.48	75-125
62 Ethyl Methacrylate	50.0	46.3	92.55	75-125
79 Cyclohexanone	100	125	124.52	75-125
95 Pentachloroethane	50.0	50.0	100.06	75-125
110 Benzal Chloride	100	106	105.70	75-125
142 1-nitropropane	50.0	41.4	82.81	75-125
141 2-nitropropane	50.0	45.1	90.18	75-125

188394

GCAL, Inc.

Data file : /var/chem/msv5.i/2060614.s.b/g5032.d
Lab Smp Id: 1600 Client Smp ID: APPICV
Inj Date : 14-JUN-2006 11:42
Operator : ABD Inst ID: msv5.i
Smp Info : 1600*APPICV
Misc Info : MSV~8527~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060614.s.b/8260Bw5.m
Meth Date : 13-Jul-2006 13:03 rjo Quant Type: ISTD
Cal Date : 14-JUN-2006 10:47 Cal File: g5030.d
Als bottle: 10 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
4 1-3 Butadiene	39	1.671	1.671	(0.306)	258936	54.6845	54.7	9526
9 Ethyl Ether	59	2.462	2.457	(0.451)	784854	243.797	244	9867
155 sec-Butanol	45	4.864	4.896	(0.891)	17842	48.6655	48.7	4469
16 Allyl chloride	39	3.153	3.142	(0.578)	256753	49.1857	49.2	9490
23 Acetonitrile	41	3.774	3.782	(0.692)	215839	250.137	250	8508
19 tert-Butyl Alcohol	59	3.681	3.729	(0.717)	16203	46.5236	46.5	3170(MH)
25 Isopropyl Ether	45	3.909	3.911	(0.716)	860440	47.0432	47.0	9298
29 Chloroprene	53	3.986	3.975	(0.730)	393724	51.3664	51.4	8734
146 Tetrahydrofuran	42	4.829	4.826	(0.885)	357684	207.388	207	7211(A)
33 Ethyl Acetate	43	4.806	4.808	(0.881)	864976	297.891	298	4140
147 2-2-4 trimethyl Pentane	57	5.040	5.037	(0.924)	894549	45.7334	45.7	9594(A)
34 Propionitrile	54	5.175	5.178	(0.948)	188794	228.885	229	9058
144 Methacrylonitrile	41	5.187	5.190	(0.951)	163075	45.4805	45.5	8347(A)
* 47 FLUOROBENZENE	96	5.457	5.454	(1.000)	978301	50.0000		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
43 Isobutyl Alcohol	43	5.340	5.354	(0.978)	49102	195.236	195	1405
52 2-3 Dichloro-1-Proprene	75	5.943	5.947	(1.089)	424432	47.1461	47.1	9549
48 n-Butanol	56	5.843	5.853	(1.071)	31097	198.573	199	1962(H)
62 Ethyl Methacrylate	41	6.987	6.986	(0.915)	274747	46.2757	46.3	8386(M)
54 1,4- Dioxane	58	6.154	6.158	(1.128)	48447	1018.50	1020	3458(M)
141 2-nitropropane	43	6.781	6.774	(1.243)	70220	45.0910	45.1	9156
53 Methyl Methacrylate	69	6.113	6.111	(1.120)	188257	47.4074	47.4	8097
142 1-nitropropane	43	7.274	7.280	(1.333)	46134	41.4062	41.4	8795
* 70 CHLOROBENZENE-d5	82	7.637	7.643	(1.000)	410331	50.0000		
145 1,5 Cyclooctadiene	67	8.230	8.230	(1.508)	367391	43.7287	43.7	9547(A)
79 Cyclohexanone	55	8.747	8.741	(1.145)	39528	124.519	125	4597(H)
95 Pentachloroethane	167	8.917	8.918	(0.967)	202040	50.0287	50.0	9582
148 Dicylopentadiene	66	9.099	9.101	(0.987)	1313267	48.4797	48.5	9657(A)
* 99 1,4-DICHLOROBENZENE-D4	152	9.217	9.218	(1.000)	345005	50.0000		
110 Benzal Chloride	125	10.316	10.312	(1.119)	245262	105.702	106	8798

QC Flag Legend

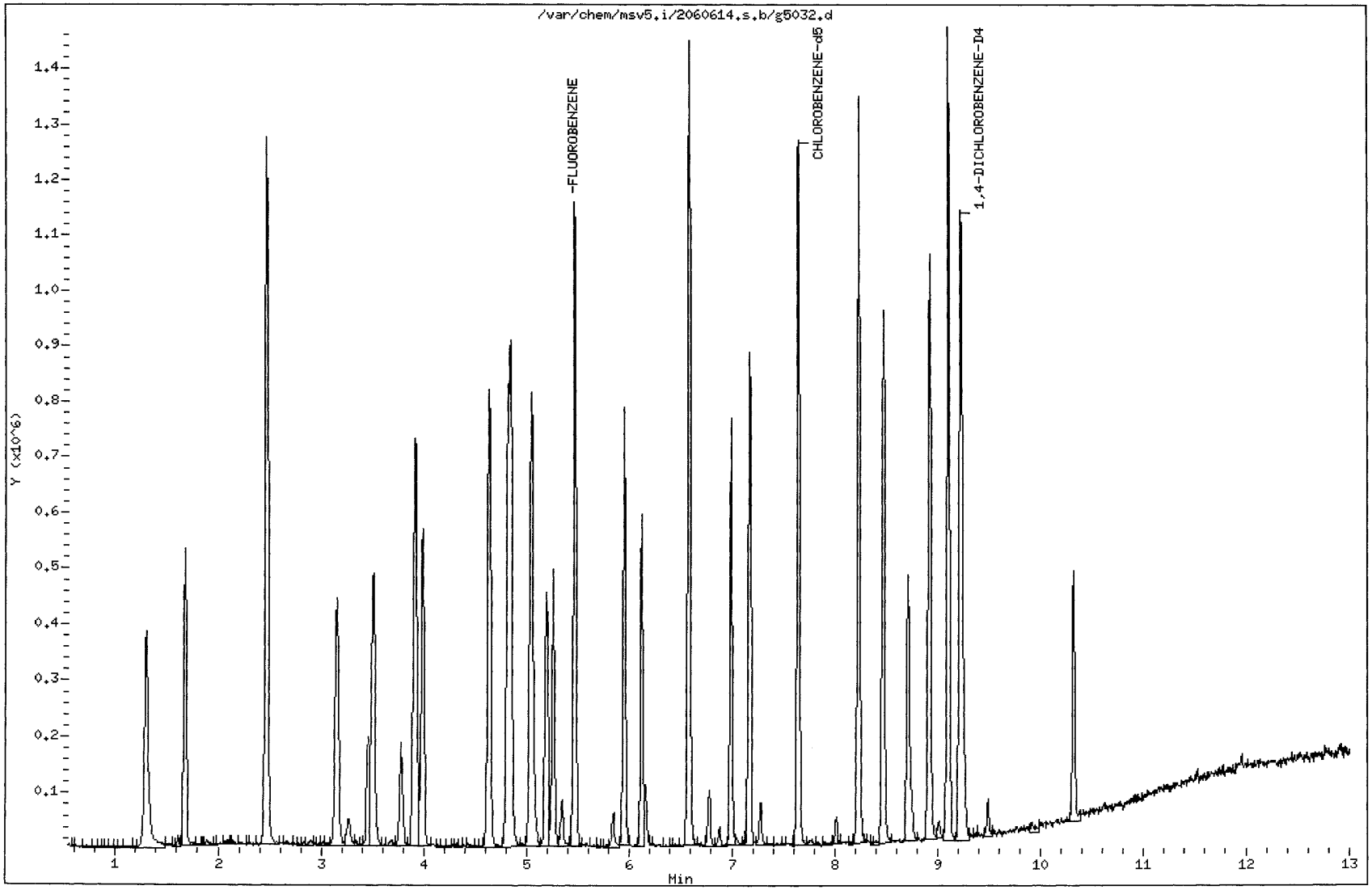
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060614.s.b/g5032.d
Date : 14-JUN-2006 11:42
Client ID: APPICV
Sample Info: 1600*APPICV
Purge Volume: 5.0
Column phase: DB-VRX-30M

Instrument: msv5.i

Operator: ABD
Column diameter: 0.53

000425

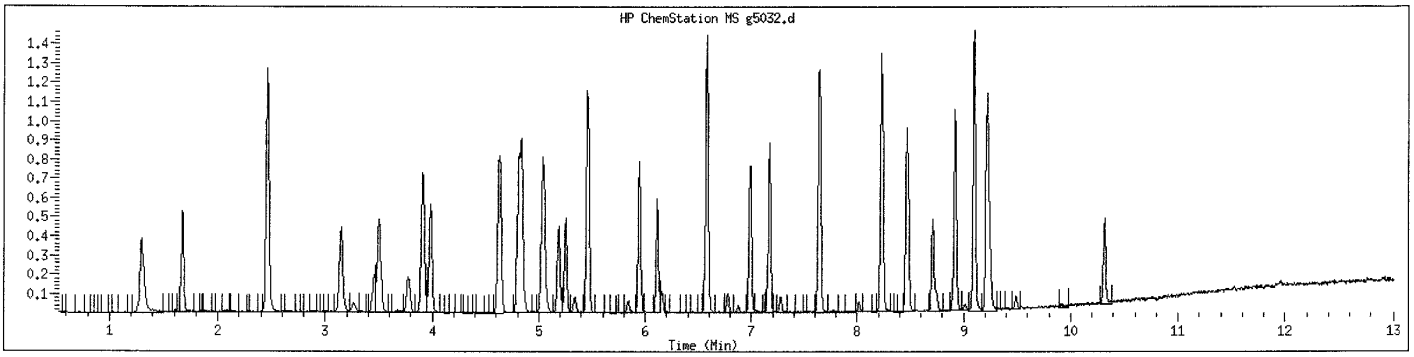


188397

Data file : /var/chem/msv5.i/2060614.s.b/g5032.d
Report Date: 07/19/2006 13:38

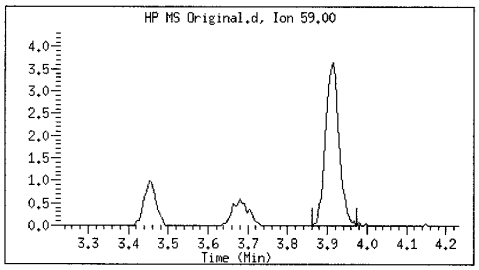
MANUAL INTEGRATION GRAPHIC REPORT

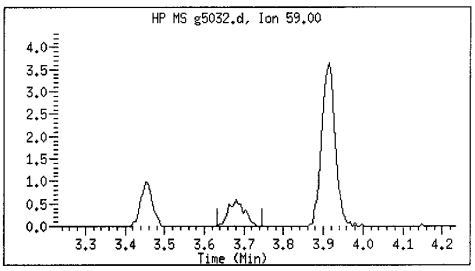
Lab ID	: 1600	SampleType	: LCS
Injection Date	: 14-JUN-2006 11:42	Instrument	: msv5.i
Operator	: ABD		
Sample Info	: 1600*APPICV		
Misc Info	: MSV~8527~*1*ABD		
Method	: /var/chem/msv5.i/2060614.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: APP9



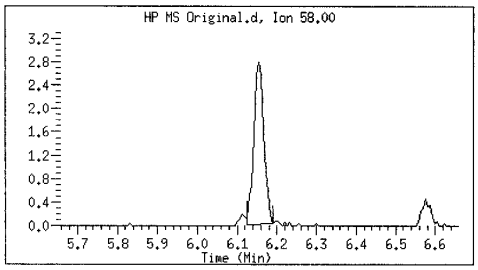
Original | Final

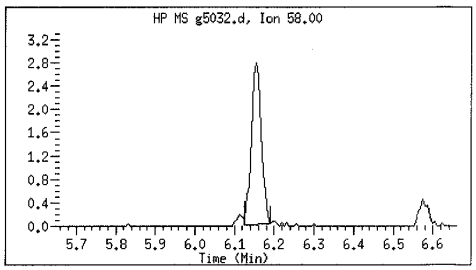
19 tert-Butyl Alcohol CAS#: 75-65-0





54 1,4- Dioxane CAS#: 123-91-1

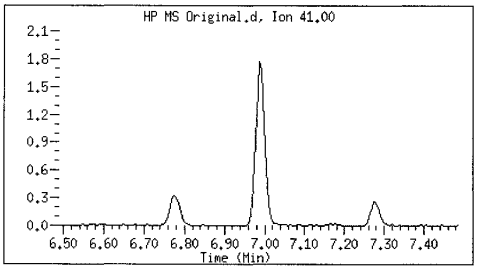


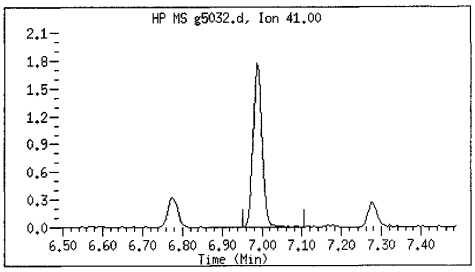


188398

Original Final

62 Ethyl Methacrylate CAS#: 97-63-2





GCAL, Inc.

Data file : /var/chem/msv5.i/2060618p.s.b/g5209.d
Lab Smp Id: 1000 Client Smp ID: V5BFB
Inj Date : 18-JUN-2006 15:58
Operator : VWM Inst ID: msv5.i
Smp Info : 1000*V5BFB
Misc Info : MSV~8566~*1*VWM
Comment :
Method : /var/chem/msv5.i/2060618p.s.b/bfb1.m
Meth Date : 05-Jun-2006 07:35 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.456	8.600	(0.000)	95	22789			100.00- 100.00	100.00
8.456	8.600	(0.000)	50	4361			15.00- 40.00	19.14
8.456	8.600	(0.000)	75	9668			30.00- 60.00	42.42
8.456	8.600	(0.000)	96	1528			5.00- 9.00	6.70
8.456	8.600	(0.000)	173	0			0.00- 2.00	0.00
8.456	8.600	(0.000)	174	18030			50.00- 120.00	79.12
8.456	8.600	(0.000)	175	1192			5.00- 9.00	6.61
8.456	8.600	(0.000)	176	18046			95.00- 101.00	100.09
8.456	8.600	(0.000)	177	1001			5.00- 9.00	5.55

Data File: /var/chem/msv5.i/2060618p.s.b/g5209.d

Date : 18-JUN-2006 15:58

Client ID: V5BFB

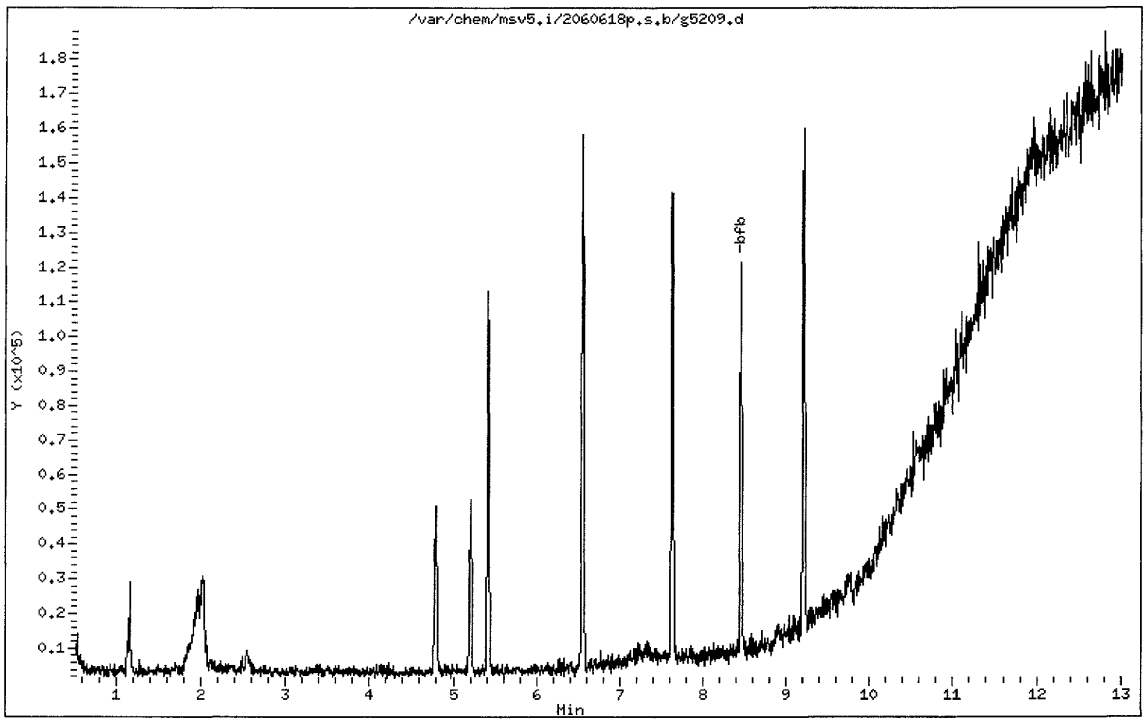
Instrument: msv5.i

Sample Info: 1000xV5BFB

Operator: VWM

Column phase: DB-624-30M

Column diameter: 0.53



Data File: /var/chem/msv5.i/2060618p.s.b/g5209.d

Date : 18-JUN-2006 15:58

Client ID: V5BFB

Instrument: msv5.i

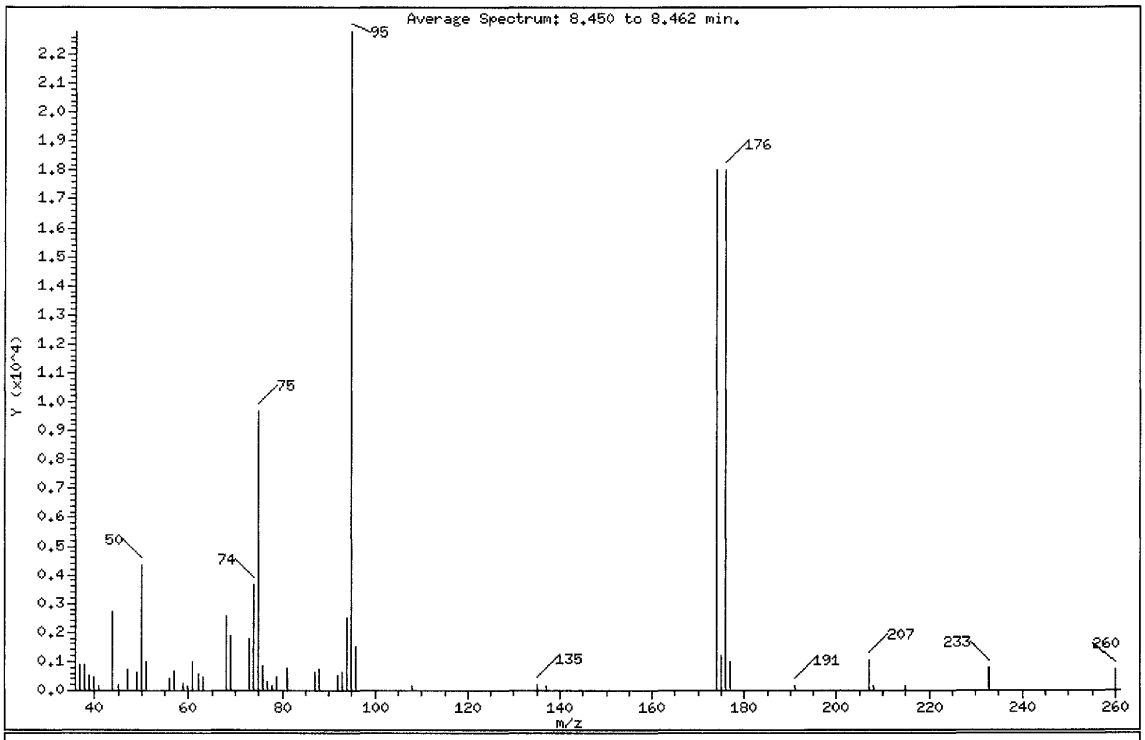
Sample Info: 1000*V5BFB

Operator: VWM

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.14
75	30.00 - 60.00% of mass 95	42.42
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	79.12
175	5.00 - 9.00% of mass 174	5.23 (6.61)
176	95.00 - 101.00% of mass 174	79.19 (100.09)
177	5.00 - 9.00% of mass 176	4.39 (5.55)

188402

Data File: /var/chem/msv5.i/2060618p.s.b/g5209.d

Date : 18-JUN-2006 15:58

Client ID: V5BFB Instrument: msv5.i

Sample Info: 1000xV5BFB

Operator: VWM

Column phase: DB-624-30M Column diameter: 0.53

Data File: g5209.d
Spectrum: Average Spectrum: 8.450 to 8.462 min.
Location of Maximum: 95.00
Number of points: 48

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	907	59.00	276	79.00	450	175.00	1192
38.00	893	60.00	170	81.00	761	176.00	18040
39.00	532	61.00	983	87.00	638	177.00	1001
40.00	446	62.00	580	88.00	733	191.00	169
41.00	150	63.00	482	92.00	545	207.00	1055
44.00	2719	68.00	2592	93.00	609	208.00	151
45.00	190	69.00	1908	94.00	2509	215.00	164
47.00	724	73.00	1767	95.00	22784	233.00	772
49.00	643	74.00	3664	96.00	1528	260.00	753
50.00	4361	75.00	9668	108.00	135		
51.00	1006	76.00	839	135.00	225		
56.00	395	77.00	335	137.00	180		
57.00	671	78.00	152	174.00	18024		

GCAL, Inc.

Data file : /var/chem/msv5.i/2060618p.s.b/g5210.d
Lab Smp Id: 1210 Client Smp ID: V5STD0.200PPB
Inj Date : 18-JUN-2006 16:30
Operator : JCK Inst ID: msv5.i
Smp Info : 1210*V5STD0.200PPB*5-48-9
Misc Info : MSV~8566~*1*VWM
Comment :
Method : /var/chem/msv5.i/2060618p.s.b/8260Bw5.m
Meth Date : 20-Jun-2006 10:15 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 16:30 Cal File: g5210.d
Als bottle: 1 Calibration Sample, Level: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

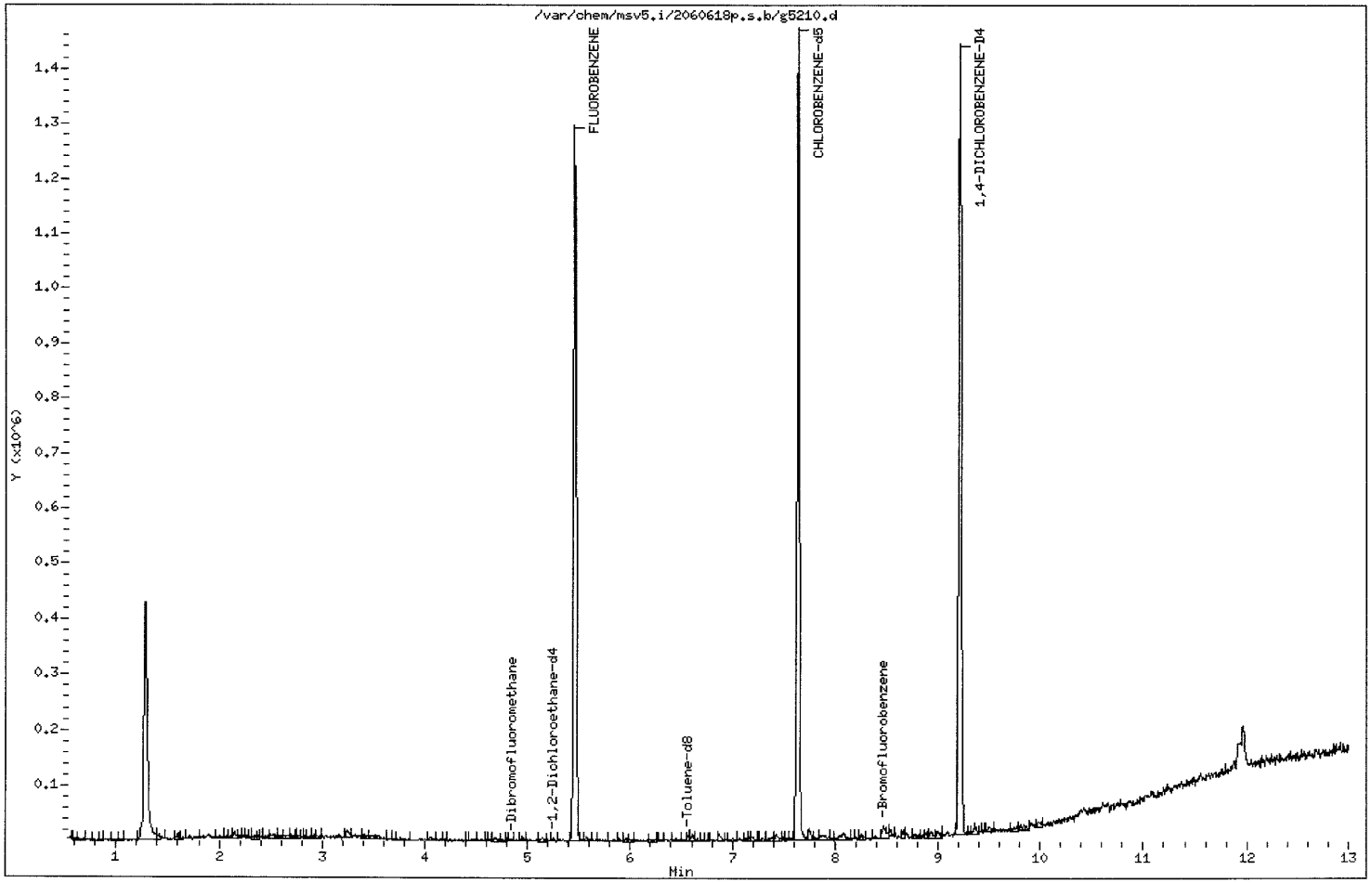
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
$ 38 Dibromofluoromethane	111	4.833	4.833	(0.886)	1137	0.20000	0.196	2093
$ 45 1,2-Dichloroethane-d4	67	5.260	5.260	(0.965)	157	0.20000	0.0481	
* 47 FLUOROBENZENE	96	5.454	5.454	(1.000)	1055348	50.0000		
$ 60 Toluene-d8	98	6.572	6.572	(0.860)	5075	0.20000	0.281	
69 1,2-Dibromoethane(EDB)	107	7.292	7.292	(0.955)	1190	0.20000	0.191	
* 70 CHLOROBENZENE-d5	82	7.638	7.638	(1.000)	444666	50.0000		
$ 80 Bromofluorobenzene	174	8.465	8.465	(1.108)	2408	0.20000	0.413	
81 1,1,2,2-Tetrachloroethane++	83	8.588	8.588	(0.932)	2329	0.20000	0.253	
* 99 1,4-DICHLOROBENZENE-D4	152	9.210	9.210	(1.000)	375843	50.0000		
104 1,2-Dibromo-3-Chloropropane	157	10.009	10.009	(1.087)	330	0.20000	0.172	

Data File: /var/chem/msv5.i/2060618p.s.b/g5210.d
Date : 18-JUN-2006 16:30
Client ID: V5STD0.200PPB
Sample Info: 1210*V5STD0.200PPB*5-48-9
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: JCK
Column diameter: 0.53

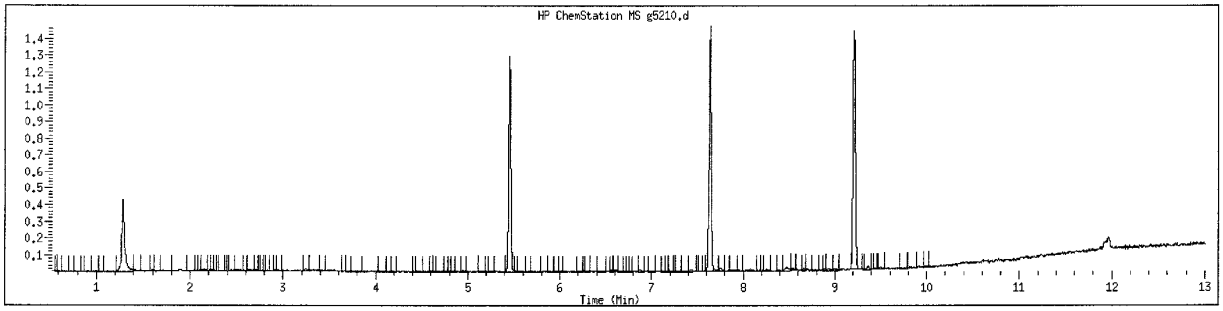


188405

Data file : /var/chem/msv5.i/2060618p.s.b/g5210.d Page: 1
Report Date: 06/20/2006 10:15

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1210	SampleType	: CALIB_10
Injection Date	: 18-JUN-2006 16:30	Instrument	: msv5.i
Operator	: JCK		
Sample Info	: 1210*V5STD0.200PPB*5-48-9		
Misc Info	: MSV~8566~*1*VWM		
Method	: /var/chem/msv5.i/2060618p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



NO MANUAL INTEGRATIONS

188406

GCAL, Inc.

Data file : /var/chem/msv5.i/2060618p.s.b/g5211.d
Lab Smp Id: 1209 Client Smp ID: V5STD0.400PPB
Inj Date : 18-JUN-2006 17:00
Operator : JCK Inst ID: msv5.i
Smp Info : 1209*V5STD0.400PPB*5-48-9
Misc Info : MSV~8566~*1*VWM
Comment :
Method : /var/chem/msv5.i/2060618p.s.b/8260Bw5.m
Meth Date : 20-Jun-2006 14:41 kcb Quant Type: ISTD
Cal Date : 18-JUN-2006 17:00 Cal File: g5211.d
Als bottle: 2 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.420	1.420	(0.260)	4330	0.40000	0.599	
2 Chloromethane ++	50	1.583	1.583	(0.290)	3449	0.40000	0.366	
3 Vinyl Chloride +	62	1.648	1.648	(0.302)	1090	0.40000	0.175	
5 Bromomethane	94	1.923	1.923	(0.353)	1560	0.40000	0.451	
M 139 1-3 Dichloropropene-Total	100				6475	0.40000	0.704	0
7 Trichlorofluoromethane	101	2.163	2.163	(0.397)	1551	0.40000	0.306	
12 1,1-Dichloroethene +	96	2.632	2.632	(0.483)	804	0.40000	0.303	
15 Carbon Disulfide	76	2.655	2.655	(0.487)	5791	0.40000	0.434	
11 1,1,2Trichlotrifluoroethane	101	2.679	2.679	(0.491)	1150	0.40000	0.301	(M)
14 Methyl Iodide	142	2.778	2.778	(0.509)	1217	0.40000	0.209	
10 Acrolein	56	3.013	3.013	(0.552)	1030	0.40000	1.95	
18 Methylene Chloride	49	3.241	3.241	(0.594)	11241	0.40000	2.02	
21 trans-1,2-Dichloroethene	61	3.405	3.405	(0.624)	1129	0.40000	0.241	
13 Acetone	43	3.311	3.311	(0.607)	6254	0.40000	1.32	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	24 Hexane	57	3.510	3.510	(0.644)	3711	0.40000	0.477	0(M)
	20 MTBE	73	3.546	3.546	(0.650)	3507	0.40000	0.328	4630(M)
	27 1,1-Dichloroethane ++	63	4.002	4.002	(0.734)	2849	0.40000	0.353	(M)
	22 Acrylonitrile	53	4.055	4.055	(0.743)	6317	0.40000	2.65	
	28 Vinyl Acetate	43	4.236	4.236	(0.777)	5072	0.40000	0.428	
	31 cis-1,2-Dichloroethene	61	4.465	4.465	(0.819)	2787	0.40000	0.394	
	30 2,2-Dichloropropane	77	4.564	4.564	(0.837)	2545	0.40000	0.403	
	37 Cyclohexane	56	4.628	4.628	(0.849)	3117	0.40000	0.359	5997
	35 Bromochloromethane	128	4.634	4.634	(0.850)	546	0.40000	0.217	
	36 Chloroform +	83	4.693	4.693	(0.860)	3296	0.40000	0.385	
	40 Carbon Tetrachloride	117	4.787	4.787	(0.878)	2682	0.40000	0.462	(M)
$	38 Dibromofluoromethane	111	4.833	4.833	(0.886)	1719	0.40000	0.301	4183
	41 1,1-Dichloropropene	75	4.945	4.945	(0.907)	2990	0.40000	0.429	
	32 2-Butanone	43	4.956	4.956	(0.909)	3838	0.40000	1.06	
	44 Benzene	78	5.138	5.138	(0.942)	8418	0.40000	0.433	
$	45 1,2-Dichloroethane-d4	67	5.255	5.255	(0.963)	1317	0.40000	0.411	(M)
	46 1,2-Dichloroethane	62	5.460	5.460	(1.001)	11895	0.40000	1.78	
*	47 FLUOROBENZENE	96	5.454	5.454	(1.000)	1036887	50.0000		
	50 Methyl Cyclohexane	83	5.571	5.571	(1.022)	3620	0.40000	0.428	7666
	49 Trichloroethene	130	5.571	5.571	(1.022)	1319	0.40000	0.272	(M)
	55 Dibromomethane	93	5.882	5.882	(1.078)	1137	0.40000	0.262	(M)
	51 1,2-Dichloropropane +	63	5.958	5.958	(1.092)	2194	0.40000	0.382	(M)
	56 Bromodichloromethane	83	6.010	6.010	(1.102)	3269	0.40000	0.434	
M	42 Total 1,2-Dichloroethene	61				3916	0.40000	0.667	
	140 1-Bromo-2-chloroethane	63	6.344	6.344	(1.163)	3623	0.40000	0.372	0(M)
	57 2-Chloroethyl vinyl ether	63	6.403	6.403	(1.174)	899	0.40000	0.228	(M)
	58 cis-1,3-Dichloropropene	75	6.444	6.444	(1.181)	3381	0.40000	0.353	
$	60 Toluene-d8	98	6.572	6.572	(0.860)	8330	0.40000	0.466	
	61 Toluene +	91	6.613	6.613	(0.866)	11019	0.40000	0.475	(M)
	59 4-methyl-2-pentanone	43	6.871	6.871	(1.260)	5201	0.40000	0.616	
	65 Tetrachloroethene	164	6.871	6.871	(0.899)	1764	0.40000	0.429	
	63 trans-1,3-Dichloropropene	75	6.895	6.895	(0.903)	3094	0.40000	0.363	
	64 1,1,2-Trichloroethane	97	7.000	7.000	(0.916)	1767	0.40000	0.334	
	68 Dibromochloromethane	129	7.129	7.129	(0.933)	2237	0.40000	0.363	(H)
	69 1,2-Dibromoethane(EDB)	107	7.310	7.310	(0.957)	2511	0.40000	0.408	(M)
	67 2-Hexanone	43	7.627	7.627	(0.998)	4432	0.40000	0.735	
	154 1-Chlorohexane	91	7.615	7.615	(0.997)	5149	0.40000	0.578	2937
*	70 CHLOROBENZENE-d5	82	7.639	7.639	(1.000)	439092	50.0000		
	71 Chlorobenzene ++	112	7.651	7.651	(1.002)	6504	0.40000	0.481	
	72 Ethylbenzene +	106	7.657	7.657	(1.002)	2596	0.40000	0.356	
	73 1,1,1,2-Tetrachloroethane	133	7.680	7.680	(1.005)	2109	0.40000	0.450	
	74 p,m-Xylene	106	7.756	7.756	(1.015)	8685	0.40000	1.02	
	75 o-Xylene	106	8.055	8.055	(1.054)	3931	0.40000	0.462	
	76 Styrene	104	8.079	8.079	(1.058)	7767	0.40000	0.497	
	77 Bromoform ++	173	8.114	8.114	(1.062)	1362	0.40000	0.297	
	78 Isopropylbenzene	105	8.255	8.255	(1.081)	9432	0.40000	0.436	
$	80 Bromofluorobenzene	174	8.460	8.460	(1.107)	3086	0.40000	0.536	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
85 n-Propylbenzene	91	8.542	8.542	(0.927)	12649	0.40000	0.448	
81 1,1,2,2-Tetrachloroethane++	83	8.589	8.589	(0.932)	3019	0.40000	0.348	
87 2-Chlorotoluene	91	8.665	8.665	(0.941)	6589	0.40000	0.355	
88 1,3,5-Trimethylbenzene	105	8.665	8.665	(0.941)	7632	0.40000	0.427	
86 1,2,3-Trichloropropane	75	8.700	8.700	(0.945)	4444	0.40000	0.470	
89 4-Chlorotoluene	91	8.777	8.777	(0.953)	8576	0.40000	0.500	
91 tert-butylbenzene	91	8.888	8.888	(0.965)	5223	0.40000	0.464	
92 1,2,4-Trimethylbenzene	105	8.935	8.935	(0.970)	9063	0.40000	0.493	
96 sec-Butylbenzene	105	9.005	9.005	(0.978)	10509	0.40000	0.410	
97 p-Isopropyltoluene	119	9.093	9.093	(0.987)	8750	0.40000	0.431	
98 1,3-Dichlorobenzene	146	9.170	9.170	(0.996)	4617	0.40000	0.441	
* 99 1,4-DICHLOROBENZENE-D4	152	9.211	9.211	(1.000)	353937	50.0000		
100 1,4-Dichlorobenzene	146	9.229	9.229	(1.002)	5088	0.40000	0.465	
102 n-Butylbenzene	91	9.370	9.370	(1.017)	9813	0.40000	0.452	
103 1,2-Dichlorobenzene	146	9.505	9.505	(1.032)	5519	0.40000	0.527	
104 1,2-Dibromo-3-Chloropropane	157	10.016	10.016	(1.087)	843	0.40000	0.467	
107 Hexachlorobutadiene	225	10.404	10.404	(1.130)	2220	0.40000	0.576	
106 1,2,4-Trichlorobenzene	180	10.434	10.434	(1.133)	3218	0.40000	0.470	
M 101 TOTAL XYLENE	106				12616	0.40000	1.49	
108 Naphthalene	128	10.646	10.646	(1.156)	9803	0.40000	0.594	
109 1,2,3-Trichlorobenzene	180	10.770	10.770	(1.169)	3823	0.40000	0.563	

QC Flag Legend

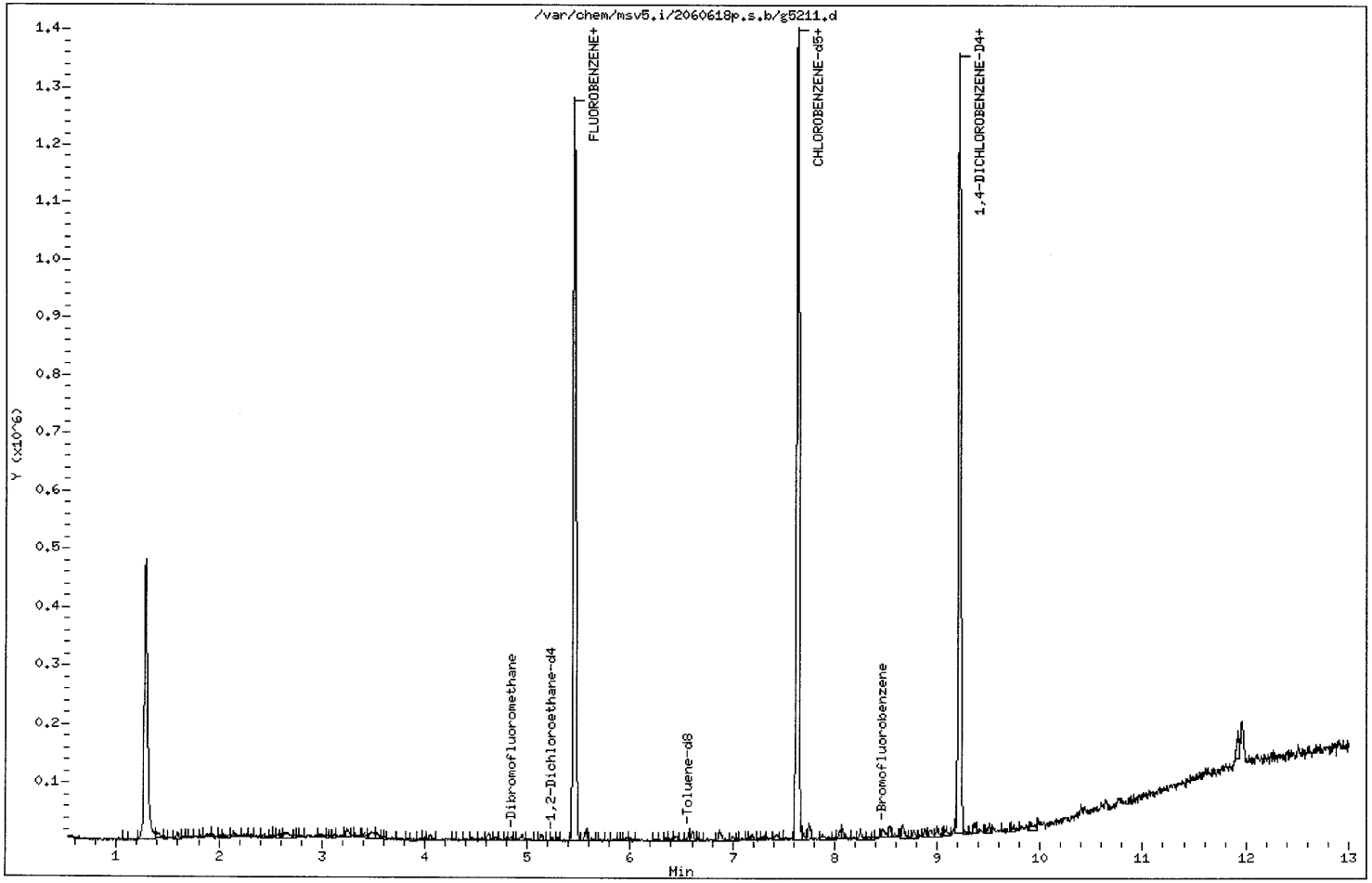
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060618p.s.b/g5211.d
Date : 18-JUN-2006 17:00
Client ID: V5STD0.400PPB
Sample Info: 1209*V5STD0.400PPB*5-48-9
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: JCK
Column diameter: 0.53

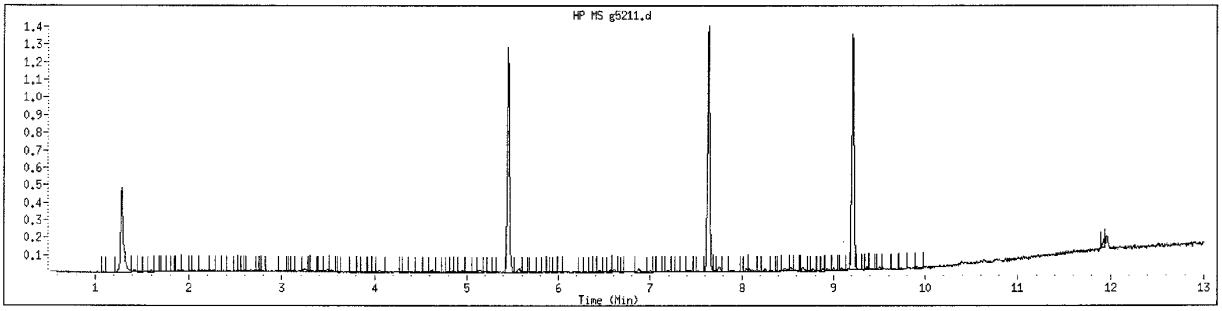


188410

Data file : /var/chem/msv5.i/2060618p.s.b/g5211.d Page: 1
Report Date: 06/20/2006 14:41

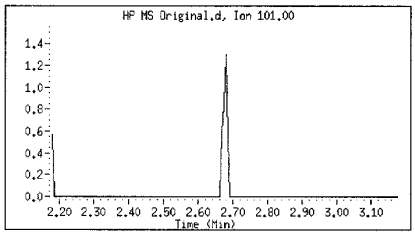
MANUAL INTEGRATION GRAPHIC REPORT

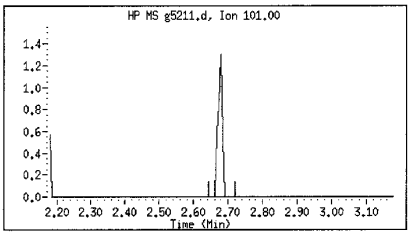
Lab ID	: 1209	SampleType	: CALIB_9
Injection Date	: 18-JUN-2006 17:00	Instrument	: msv5.i
Operator	: JCK		
Sample Info	: 1209*V5STD0.400PPB*5-48-9		
Misc Info	: MSV~8566~*1*VWM		
Method	: /var/chem/msv5.i/2060618p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



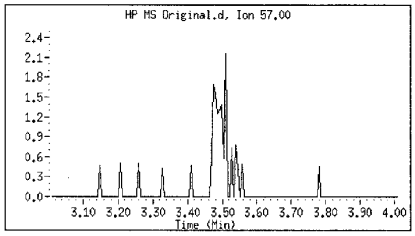
Original Final

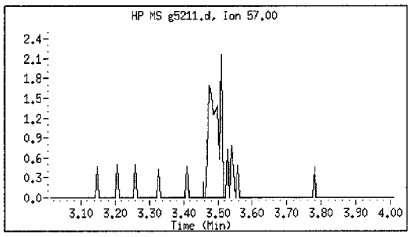
11 1,1,2Trichlotrifluoroethane CAS#: 76-13-1





24 Hexane CAS#: 110-54-3

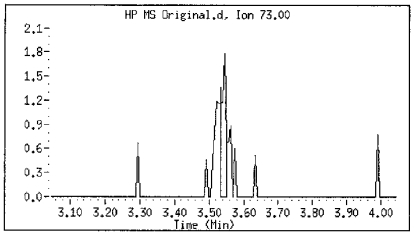


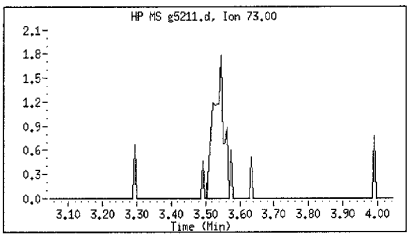


188411

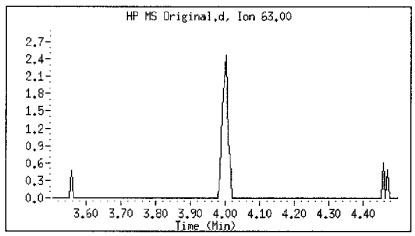
Original Final

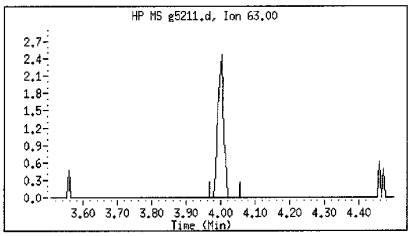
20 MTBE CAS#: 1634-04-4



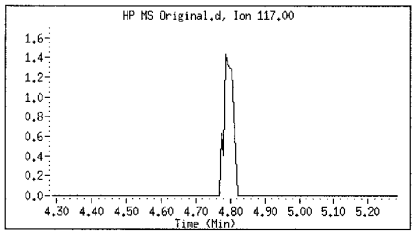


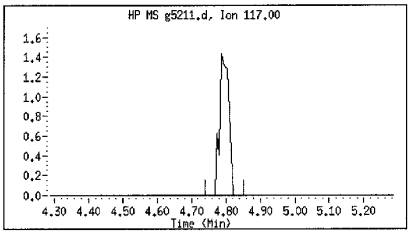
27 1,1-Dichloroethane ++ CAS#: 75-34-3



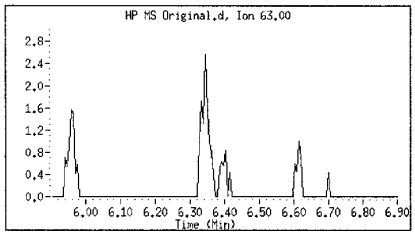


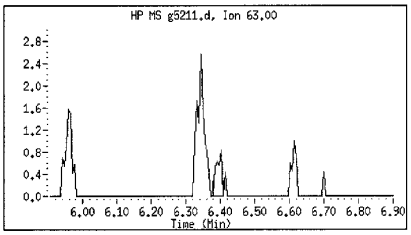
40 Carbon Tetrachloride CAS#: 56-23-5



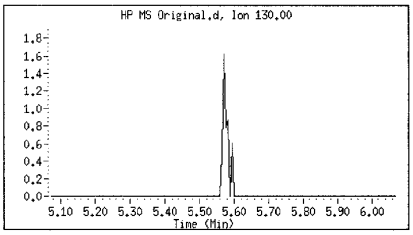


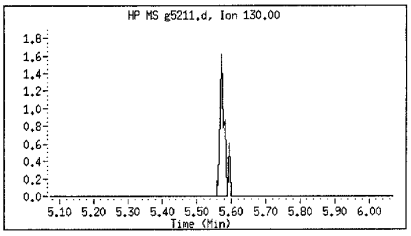
57 2-Chloroethyl vinyl ether CAS#: 110-75-8





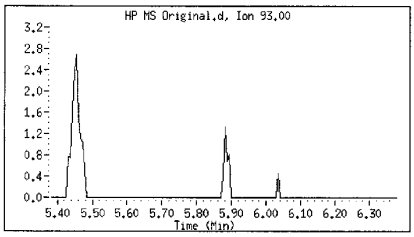
49 Trichloroethene CAS#: 79-01-6

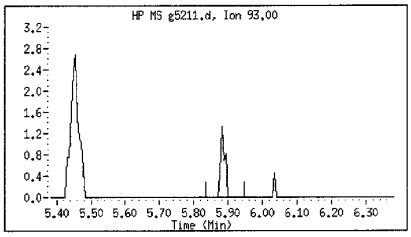




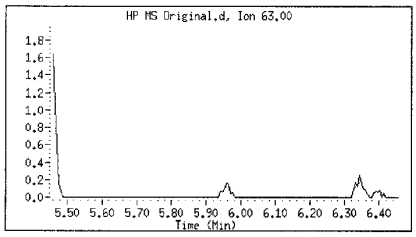
Original | Final

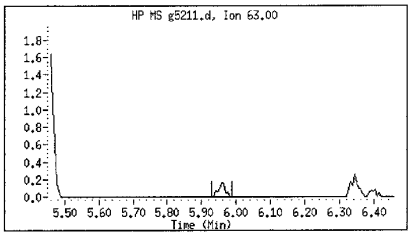
55 Dibromomethane CAS#: 74-95-3



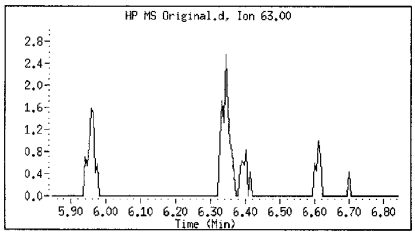


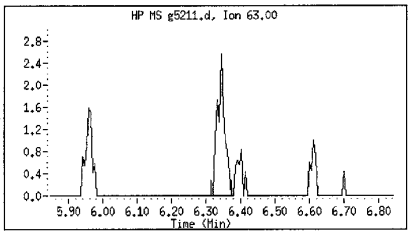
51 1,2-Dichloropropane + CAS#: 78-87-5



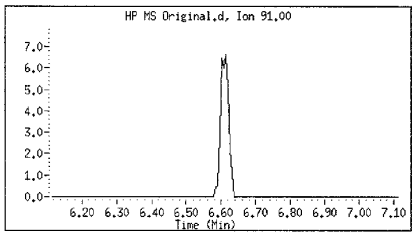


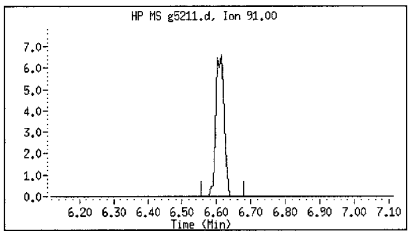
140 1-Bromo-2-chloroethane CAS#: 107-04-0



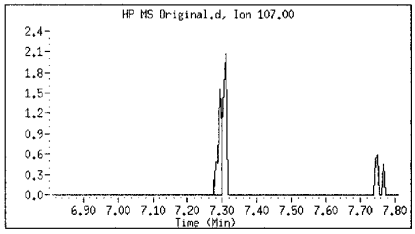


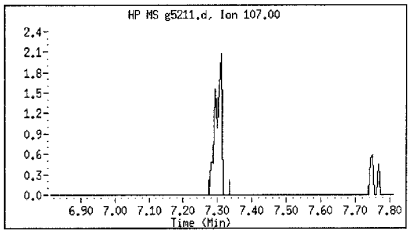
61 Toluene + CAS#: 108-88-3





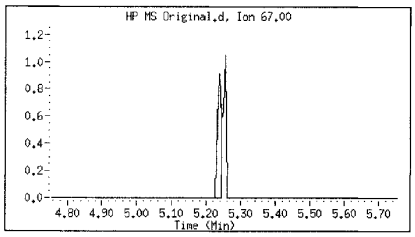
69 1,2-Dibromoethane(EDB) CAS#: 106-93-4

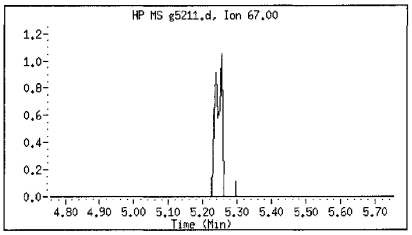




Original Final

$ 45 1,2-Dichloroethane-d4 CAS#: 17060-07-0





GCAL, Inc.

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Operator : JCK Inst ID: msv5.i
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Misc Info : MSV~8566~*1*VWM
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Cal Date : 18-JUN-2006 17:39 Cal File: g5212.d
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Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.414	1.414	(0.259)	7379	1.00000	1.04	
2 Chloromethane ++	50	1.578	1.578	(0.289)	9826	1.00000	1.06	
3 Vinyl Chloride +	62	1.648	1.648	(0.302)	4270	1.00000	0.695	
5 Bromomethane	94	1.917	1.917	(0.351)	3186	1.00000	0.936	
M 139 1-3 Dichloropropene-Total	100				18884	2.00000	2.09	0
6 Chloroethane	64	2.023	2.023	(0.371)	379	1.00000	0.485	
7 Trichlorofluoromethane	101	2.140	2.140	(0.392)	4392	1.00000	0.882	(M)
12 1,1-Dichloroethene +	96	2.638	2.638	(0.484)	730	1.00000	0.279	
15 Carbon Disulfide	76	2.655	2.655	(0.487)	15136	1.00000	1.15	
11 1,1,2Trichlotrifluoroethane	101	2.667	2.667	(0.489)	1987	1.00000	0.529	
14 Methyl Iodide	142	2.773	2.773	(0.508)	2632	1.00000	0.459	
10 Acrolein	56	2.989	2.989	(0.548)	2431	5.00000	4.68	
18 Methylene Chloride	49	3.241	3.241	(0.594)	13269	1.00000	2.42	
21 trans-1,2-Dichloroethene	61	3.411	3.411	(0.625)	3965	1.00000	0.862	(H)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	13 Acetone	43	3.329	3.329	(0.610)	3487	1.00000		
	17 Methyl Acetate	43	3.452	3.452	(0.633)	7446	1.00000	2.01	0(M)
	24 Hexane	57	3.481	3.481	(0.638)	8617	1.00000	1.13	0(M)
	20 MTBE	73	3.546	3.546	(0.650)	11979	1.00000	1.14	6547
	27 1,1-Dichloroethane ++	63	4.002	4.002	(0.734)	7661	1.00000	0.966	
	22 Acrylonitrile	53	4.049	4.049	(0.742)	11417	5.00000	4.87	
	28 Vinyl Acetate	43	4.237	4.237	(0.777)	11836	1.00000	1.02	
	31 cis-1,2-Dichloroethene	61	4.465	4.465	(0.819)	7382	1.00000	1.06	
	30 2,2-Dichloropropane	77	4.553	4.553	(0.835)	6346	1.00000	1.02	
	37 Cyclohexane	56	4.617	4.617	(0.846)	9075	1.00000	1.06	6469
	35 Bromochloromethane	128	4.635	4.635	(0.850)	1557	1.00000	0.630	
	36 Chloroform +	83	4.693	4.693	(0.860)	8181	1.00000	0.971	
	40 Carbon Tetrachloride	117	4.787	4.787	(0.878)	5169	1.00000	0.905	
$	38 Dibromofluoromethane	111	4.840	4.840	(0.887)	5561	1.00000	0.991	4517
	39 1,1,1-Trichloroethane	97	4.846	4.846	(0.888)	5591	1.00000	0.914	
	41 1,1-Dichloropropene	75	4.945	4.945	(0.907)	7365	1.00000	1.08	
	32 2-Butanone	43	4.957	4.957	(0.909)	6376	1.00000	1.79	
	44 Benzene	78	5.144	5.144	(0.943)	18658	1.00000	0.975	
$	45 1,2-Dichloroethane-d4	67	5.244	5.244	(0.961)	2595	1.00000	0.823	
	46 1,2-Dichloroethane	62	5.455	5.455	(1.000)	10793	1.00000	1.64	
*	47 FLUOROBENZENE	96	5.455	5.455	(1.000)	1019973	50.0000		
	50 Methyl Cyclohexane	83	5.572	5.572	(1.022)	8800	1.00000	1.06	8607
	49 Trichloroethene	130	5.584	5.584	(1.024)	4657	1.00000	0.975	
	55 Dibromomethane	93	5.888	5.888	(1.079)	5135	1.00000	1.20	(M)
	51 1,2-Dichloropropane +	63	5.958	5.958	(1.092)	5270	1.00000	0.933	
	56 Bromodichloromethane	83	6.005	6.005	(1.101)	7433	1.00000	1.00	
M	42 Total 1,2-Dichloroethene	61				11347	2.00000	1.96	
	140 1-Bromo-2-chloroethane	63	6.339	6.339	(1.162)	10861	1.00000	1.13	7728
	57 2-Chloroethyl vinyl ether	63	6.403	6.403	(1.174)	4548	1.00000	1.17	
	58 cis-1,3-Dichloropropene	75	6.444	6.444	(1.181)	10657	1.00000	1.13	
$	60 Toluene-d8	98	6.573	6.573	(0.860)	22673	1.00000	1.27	
	61 Toluene +	91	6.608	6.608	(0.865)	27716	1.00000	1.19	
	59 4-methyl-2-pentanone	43	6.866	6.866	(1.259)	10296	1.00000	1.24	
	65 Tetrachloroethene	164	6.878	6.878	(0.900)	4854	1.00000	1.18	
	63 trans-1,3-Dichloropropene	75	6.895	6.895	(0.903)	8227	1.00000	0.962	
	64 1,1,2-Trichloroethane	97	7.007	7.007	(0.917)	4682	1.00000	0.882	
	68 Dibromochloromethane	129	7.136	7.136	(0.934)	5977	1.00000	0.969	
	66 1,3-Dichloropropane	76	7.188	7.188	(0.941)	8841	1.00000	0.973	
	69 1,2-Dibromoethane(EDB)	107	7.294	7.294	(0.955)	6238	1.00000	1.01	
	67 2-Hexanone	43	7.429	7.429	(0.972)	11461	1.00000	1.90	
	154 1-Chlorohexane	91	7.616	7.616	(0.997)	9397	1.00000	1.05	2694
*	70 CHLOROBENZENE-d5	82	7.640	7.640	(1.000)	440198	50.0000		
	71 Chlorobenzene ++	112	7.646	7.646	(1.001)	14243	1.00000	1.05	
	72 Ethylbenzene +	106	7.652	7.652	(1.002)	8090	1.00000	1.11	
	73 1,1,1,2-Tetrachloroethane	133	7.681	7.681	(1.005)	3986	1.00000	0.848	
	74 p,m-Xylene	106	7.757	7.757	(1.015)	18877	2.00000	2.22	
	75 o-Xylene	106	8.050	8.050	(1.054)	7886	1.00000	0.924	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	76 Styrene	104	8.092	8.092	(1.059)	16628	1.00000	1.06	
	77 Bromoform ++	173	8.121	8.121	(1.063)	4617	1.00000	1.01	
	78 Isopropylbenzene	105	8.256	8.256	(1.081)	22598	1.00000	1.04	
$	80 Bromofluorobenzene	174	8.461	8.461	(1.107)	6462	1.00000	1.12	
	85 n-Propylbenzene	91	8.537	8.537	(0.927)	31735	1.00000	1.10	
	82 Bromobenzene	77	8.537	8.537	(0.927)	11156	1.00000	0.981	
	81 1,1,2,2-Tetrachloroethane++	83	8.584	8.584	(0.932)	7710	1.00000	0.872	
	87 2-Chlorotoluene	91	8.666	8.666	(0.941)	18888	1.00000	0.996	
	88 1,3,5-Trimethylbenzene	105	8.666	8.666	(0.941)	17820	1.00000	0.976	
	86 1,2,3-Trichloropropane	75	8.696	8.696	(0.944)	9922	1.00000	1.03	
	84 trans-1,4-Dichloro-2-Butene	53	8.707	8.707	(0.945)	1606	1.00000	0.881	
	89 4-Chlorotoluene	91	8.772	8.772	(0.952)	19416	1.00000	1.11	
	91 tert-butylbenzene	91	8.889	8.889	(0.965)	12310	1.00000	1.07	
	92 1,2,4-Trimethylbenzene	105	8.936	8.936	(0.970)	19277	1.00000	1.03	
	96 sec-Butylbenzene	105	9.007	9.007	(0.978)	27167	1.00000	1.04	
	97 p-Isopropyltoluene	119	9.089	9.089	(0.987)	23233	1.00000	1.12	
	98 1,3-Dichlorobenzene	146	9.171	9.171	(0.996)	11571	1.00000	1.08	
*	99 1,4-DICHLOROBENZENE-D4	152	9.212	9.212	(1.000)	361190	50.0000		
	100 1,4-Dichlorobenzene	146	9.230	9.230	(1.002)	11363	1.00000	1.02	
	102 n-Butylbenzene	91	9.365	9.365	(1.017)	22428	1.00000	1.01	
	103 1,2-Dichlorobenzene	146	9.501	9.501	(1.031)	11724	1.00000	1.10	
	104 1,2-Dibromo-3-Chloropropane	157	10.018	10.018	(1.087)	2171	1.00000	1.18	
	107 Hexachlorobutadiene	225	10.406	10.406	(1.130)	4247	1.00000	1.08	
	106 1,2,4-Trichlorobenzene	180	10.436	10.436	(1.133)	7569	1.00000	1.08	
M	101 TOTAL XYLENE	106				26763	3.00000	3.15	
	108 Naphthalene	128	10.648	10.648	(1.156)	19184	1.00000	1.14	
	109 1,2,3-Trichlorobenzene	180	10.772	10.772	(1.169)	7933	1.00000	1.15	

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

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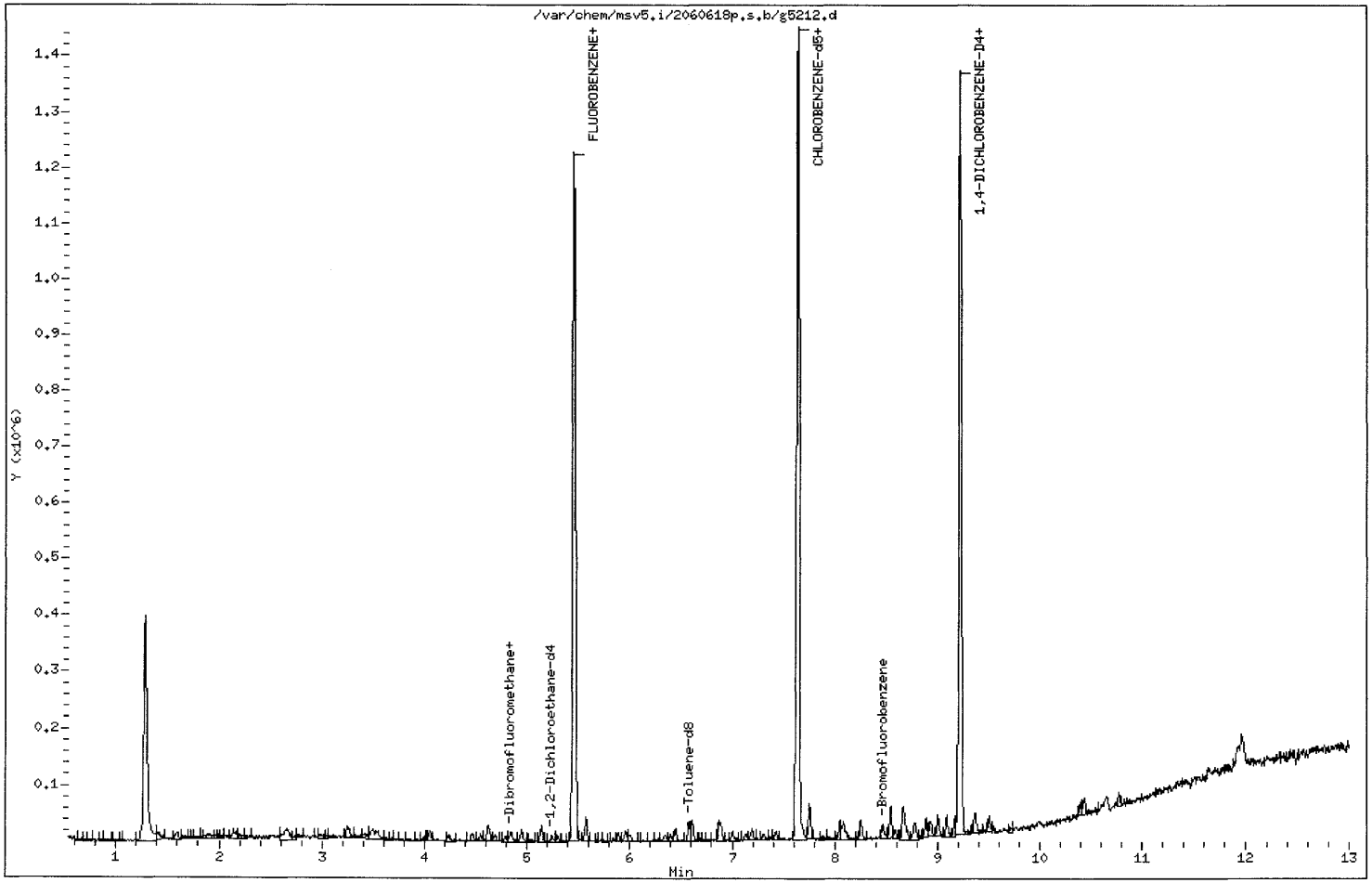
Instrument: msv5.i

Operator: JCK
Column diameter: 0.53



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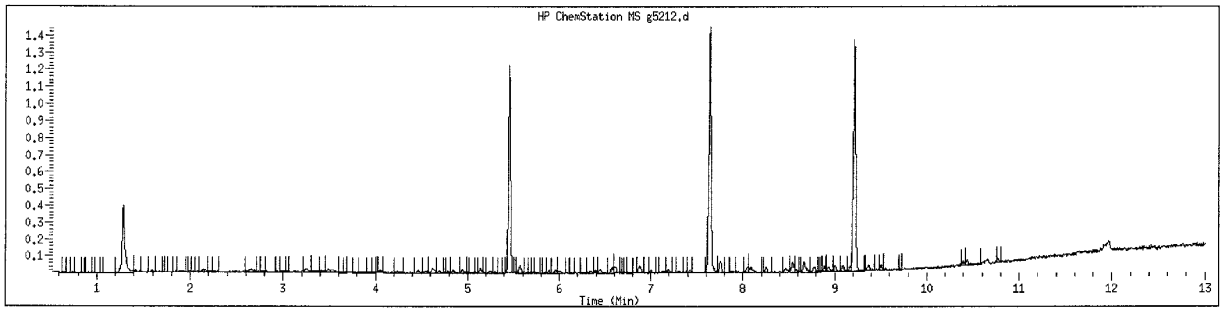
188418

Data file : /var/chem/msv5.i/2060618p.s.b/g5212.d Page: 1
Report Date: 06/20/2006 10:15

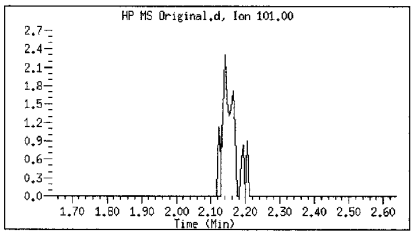
MANUAL INTEGRATION GRAPHIC REPORT

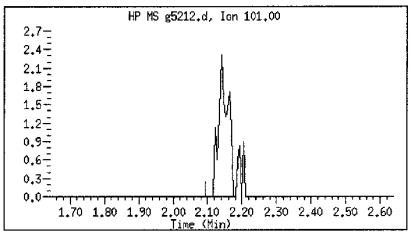
Lab ID	: 1207	SampleType	: CALIB_7
Injection Date	: 18-JUN-2006 17:39	Instrument	: msv5.i
Operator	: JCK		
Sample Info	: 1207*V5STD001PPB*5-48-9		
Misc Info	: MSV~8566~*1*VWM		
Method	: /var/chem/msv5.i/2060618p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



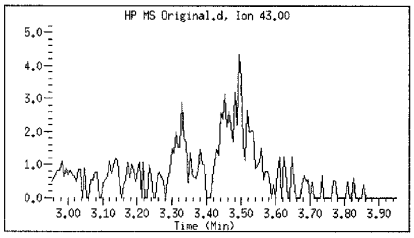
Original Final

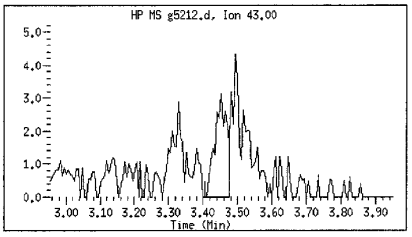
7 Trichlorofluoromethane CAS#: 75-69-4





17 Methyl Acetate CAS#: 79-20-9



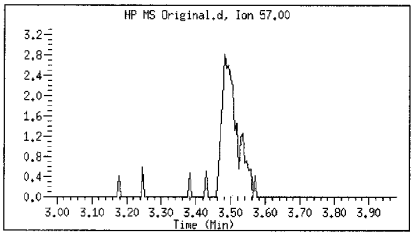


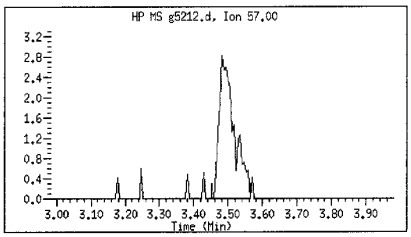
188419

Data file : /var/chem/msv5.i/2060618p.s.b/g5212.d Page: 2
Report Date: 06/20/2006 10:15

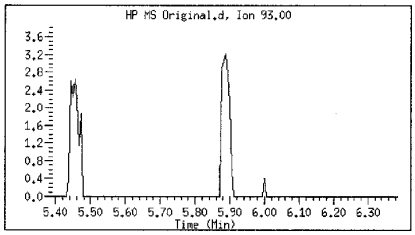
Original Final

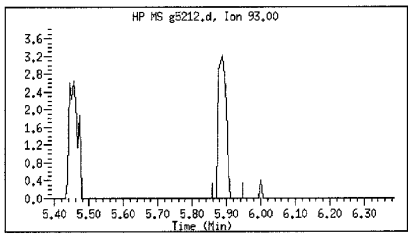
24 Hexane CAS#: 110-54-3





55 Dibromomethane CAS#: 74-95-3





188420

GCAL, Inc.

Data file : /var/chem/msv5.i/2060618p.s.b/g5213.d
Lab Smp Id: 1201 Client Smp ID: V5STD005PPB
Inj Date : 18-JUN-2006 18:05
Operator : JCK Inst ID: msv5.i
Smp Info : 1201*V5STD005PPB*5-48-9
Misc Info : MSV~8566~*1*VWM
Comment :
Method : /var/chem/msv5.i/2060618p.s.b/8260Bw5.m
Meth Date : 20-Jun-2006 10:15 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 18:05 Cal File: g5213.d
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.414	1.414	(0.259)	35102	5.00000	4.87	
2 Chloromethane ++	50	1.583	1.583	(0.290)	48939	5.00000	5.21	
3 Vinyl Chloride +	62	1.648	1.648	(0.302)	30939	5.00000	4.97	
5 Bromomethane	94	1.917	1.917	(0.351)	15919	5.00000	4.61	
M 139 1-3 Dichloropropene-Total	100				90738	10.0000	9.89	0
6 Chloroethane	64	2.017	2.017	(0.370)	1217	5.00000	1.85	
7 Trichlorofluoromethane	101	2.128	2.128	(0.390)	24924	5.00000	4.93	
12 1,1-Dichloroethene +	96	2.632	2.632	(0.482)	13077	5.00000	4.93	
15 Carbon Disulfide	76	2.650	2.650	(0.486)	63572	5.00000	4.78	
11 1,1,2Trichlotrifluoroethane	101	2.667	2.667	(0.489)	18806	5.00000	4.93	
14 Methyl Iodide	142	2.767	2.767	(0.507)	24025	5.00000	4.13	
10 Acrolein	56	2.990	2.990	(0.548)	13688	25.0000	26.0	
18 Methylene Chloride	49	3.247	3.247	(0.595)	32404	5.00000	5.82	
21 trans-1,2-Dichloroethene	61	3.400	3.400	(0.623)	25327	5.00000	5.43	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
	13 Acetone	43	3.324	3.324	(0.609)	12552	5.00000	6.23	
	17 Methyl Acetate	43	3.447	3.447	(0.632)	21550	5.00000	5.72	7032
	24 Hexane	57	3.482	3.482	(0.638)	40104	5.00000	5.17	0(M)
	20 MTBE	73	3.546	3.546	(0.650)	51867	5.00000	4.86	7505
	27 1,1-Dichloroethane ++	63	3.997	3.997	(0.733)	40521	5.00000	5.04	
	22 Acrylonitrile	53	4.050	4.050	(0.742)	60661	25.0000	25.5	
	28 Vinyl Acetate	43	4.237	4.237	(0.777)	59176	5.00000	5.01	
	31 cis-1,2-Dichloroethene	61	4.466	4.466	(0.818)	33132	5.00000	4.70	
	30 2,2-Dichloropropane	77	4.553	4.553	(0.835)	32948	5.00000	5.23	
	37 Cyclohexane	56	4.624	4.624	(0.847)	43154	5.00000	4.99	6431
	35 Bromochloromethane	128	4.630	4.630	(0.849)	11859	5.00000	4.73	
	36 Chloroform +	83	4.694	4.694	(0.860)	46330	5.00000	5.42	
	40 Carbon Tetrachloride	117	4.794	4.794	(0.879)	30708	5.00000	5.30	
$	38 Dibromofluoromethane	111	4.841	4.841	(0.887)	27840	5.00000	4.89	4354
	39 1,1,1-Trichloroethane	97	4.847	4.847	(0.888)	34158	5.00000	5.50	
	41 1,1-Dichloropropene	75	4.941	4.941	(0.905)	36403	5.00000	5.24	
	32 2-Butanone	43	4.946	4.946	(0.907)	20870	5.00000	5.78	
	44 Benzene	78	5.140	5.140	(0.942)	95571	5.00000	4.92	
$	45 1,2-Dichloroethane-d4	67	5.245	5.245	(0.961)	15655	5.00000	4.89	
	46 1,2-Dichloroethane	62	5.292	5.292	(0.970)	32835	5.00000	4.93	
*	47 FLUOROBENZENE	96	5.456	5.456	(1.000)	1034772	50.0000		
	50 Methyl Cyclohexane	83	5.568	5.568	(1.020)	38569	5.00000	4.57	8897
	49 Trichloroethene	130	5.580	5.580	(1.023)	24562	5.00000	5.07	
	55 Dibromomethane	93	5.890	5.890	(1.079)	21268	5.00000	4.91	
	51 1,2-Dichloropropane +	63	5.960	5.960	(1.092)	27425	5.00000	4.79	
	56 Bromodichloromethane	83	6.001	6.001	(1.100)	37311	5.00000	4.96	
M	42 Total 1,2-Dichloroethene	61				58459	10.0000	9.98	
	140 1-Bromo-2-chloroethane	63	6.341	6.341	(1.162)	46396	5.00000	4.77	7640
	57 2-Chloroethyl vinyl ether	63	6.400	6.400	(1.173)	22144	5.00000	5.62	
	58 cis-1,3-Dichloropropene	75	6.441	6.441	(1.180)	47020	5.00000	4.92	
$	60 Toluene-d8	98	6.576	6.576	(0.861)	89287	5.00000	5.01	
	61 Toluene +	91	6.611	6.611	(0.866)	112552	5.00000	4.86	
	59 4-methyl-2-pentanone	43	6.863	6.863	(1.258)	41921	5.00000	4.98	
	65 Tetrachloroethene	164	6.874	6.874	(0.900)	20290	5.00000	4.94	
	63 trans-1,3-Dichloropropene	75	6.886	6.886	(0.902)	43718	5.00000	5.14	
	64 1,1,2-Trichloroethane	97	7.004	7.004	(0.917)	26759	5.00000	5.07	
	68 Dibromochloromethane	129	7.133	7.133	(0.934)	30707	5.00000	5.00	
	66 1,3-Dichloropropane	76	7.191	7.191	(0.942)	46231	5.00000	5.12	
	69 1,2-Dibromoethane(EDB)	107	7.297	7.297	(0.955)	31298	5.00000	5.10	
	67 2-Hexanone	43	7.426	7.426	(0.972)	34747	5.00000	5.78	
	154 1-Chlorohexane	91	7.613	7.613	(0.997)	42421	5.00000	4.78	2237(H)
*	70 CHLOROBENZENE-d5	82	7.637	7.637	(1.000)	438010	50.0000		
	71 Chlorobenzene ++	112	7.649	7.649	(1.002)	69048	5.00000	5.11	
	72 Ethylbenzene +	106	7.655	7.655	(1.002)	35586	5.00000	4.89	
	73 1,1,1,2-Tetrachloroethane	133	7.690	7.690	(1.007)	22580	5.00000	4.83	
	74 p,m-Xylene	106	7.755	7.755	(1.015)	85238	10.0000	10.1	
	75 o-Xylene	106	8.054	8.054	(1.055)	42115	5.00000	4.96	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	76 Styrene	104	8.083	8.083	(1.058)	77171	5.00000	4.95	
	77 Bromoform ++	173	8.113	8.113	(1.062)	23590	5.00000	5.16	
	78 Isopropylbenzene	105	8.254	8.254	(1.081)	107383	5.00000	4.98	
$	80 Bromofluorobenzene	174	8.465	8.465	(1.108)	28707	5.00000	5.00	
	85 n-Propylbenzene	91	8.535	8.535	(0.927)	136369	5.00000	4.78	
	82 Bromobenzene	77	8.541	8.541	(0.927)	57671	5.00000	5.12	
	81 1,1,2,2-Tetrachloroethane++	83	8.588	8.588	(0.932)	41247	5.00000	4.71	
	87 2-Chlorotoluene	91	8.665	8.665	(0.941)	94944	5.00000	5.06	
	88 1,3,5-Trimethylbenzene	105	8.671	8.671	(0.941)	87462	5.00000	4.84	
	86 1,2,3-Trichloropropane	75	8.694	8.694	(0.944)	50029	5.00000	5.23	
	84 trans-1,4-Dichloro-2-Butene	53	8.712	8.712	(0.946)	8595	5.00000	4.76	
	89 4-Chlorotoluene	91	8.777	8.777	(0.953)	81546	5.00000	4.70	
	91 tert-butylbenzene	91	8.888	8.888	(0.965)	55708	5.00000	4.90	
	92 1,2,4-Trimethylbenzene	105	8.929	8.929	(0.969)	88724	5.00000	4.78	
	96 sec-Butylbenzene	105	9.006	9.006	(0.978)	125531	5.00000	4.84	
	97 p-Isopropyltoluene	119	9.094	9.094	(0.987)	98345	5.00000	4.80	
	98 1,3-Dichlorobenzene	146	9.165	9.165	(0.995)	51695	5.00000	4.89	
*	99 1,4-DICHLOROBENZENE-D4	152	9.212	9.212	(1.000)	357780	50.0000		
	100 1,4-Dichlorobenzene	146	9.224	9.224	(1.001)	56982	5.00000	5.15	
	102 n-Butylbenzene	91	9.365	9.365	(1.017)	111042	5.00000	5.06	
	103 1,2-Dichlorobenzene	146	9.500	9.500	(1.031)	52526	5.00000	4.96	
	104 1,2-Dibromo-3-Chloropropane	157	10.011	10.011	(1.087)	8785	5.00000	4.82	
	107 Hexachlorobutadiene	225	10.388	10.388	(1.128)	16734	5.00000	4.30	
	106 1,2,4-Trichlorobenzene	180	10.424	10.424	(1.132)	33625	5.00000	4.86	
M	101 TOTAL XYLENE	106				127353	15.0000	15.0	
	108 Naphthalene	128	10.642	10.642	(1.155)	83213	5.00000	4.98	
	109 1,2,3-Trichlorobenzene	180	10.760	10.760	(1.168)	34407	5.00000	5.02	

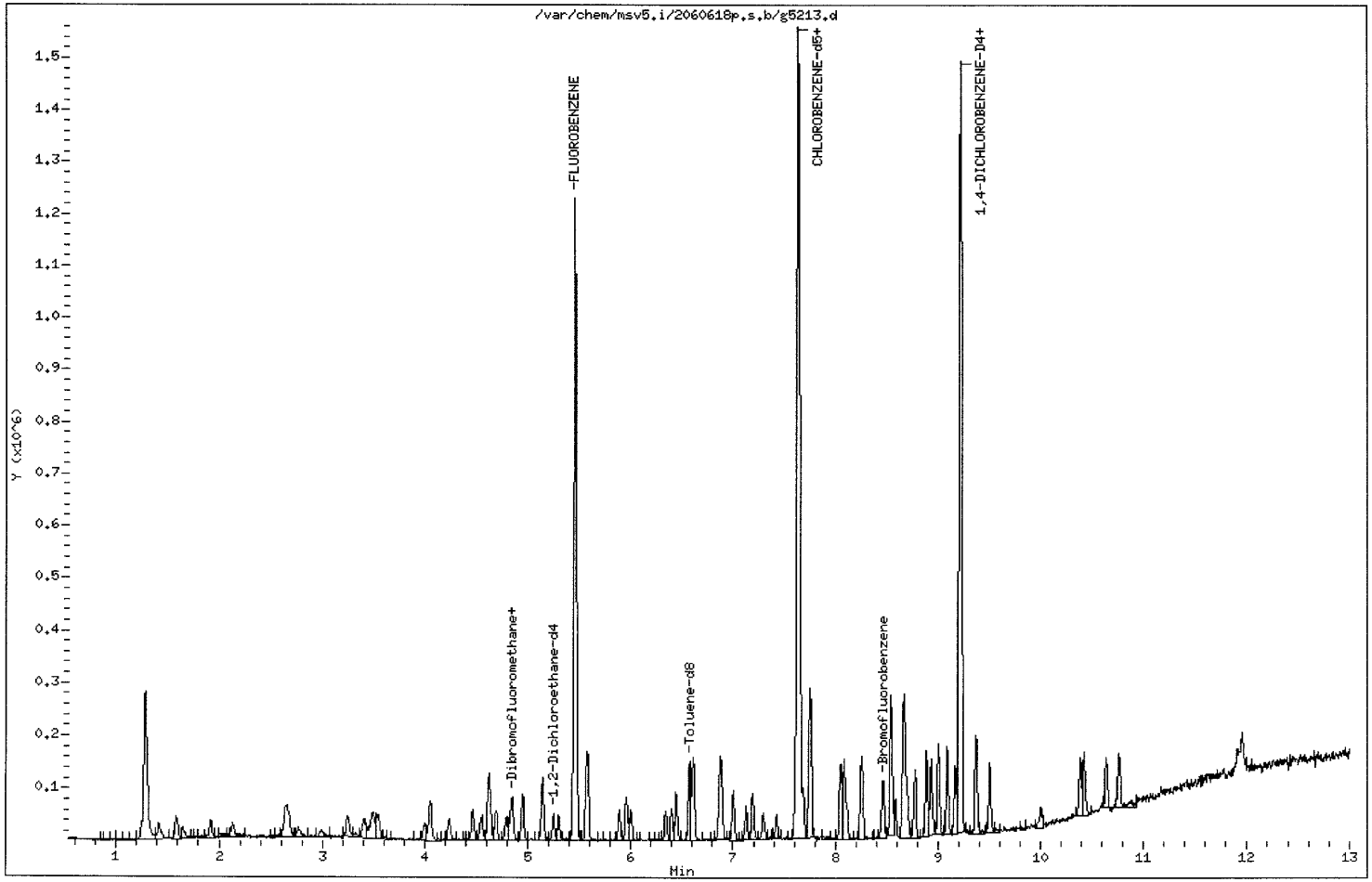
QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060618p.s.b/g5213.d
Date : 18-JUN-2006 18:05
Client ID: V5STD005PPB
Sample Info: 1201*V5STD005PPB*5-48-9
Purge Volume: 5.0
Column phase: DB-VRX-30M

Instrument: msv5.i

Operator: JCK
Column diameter: 0.53



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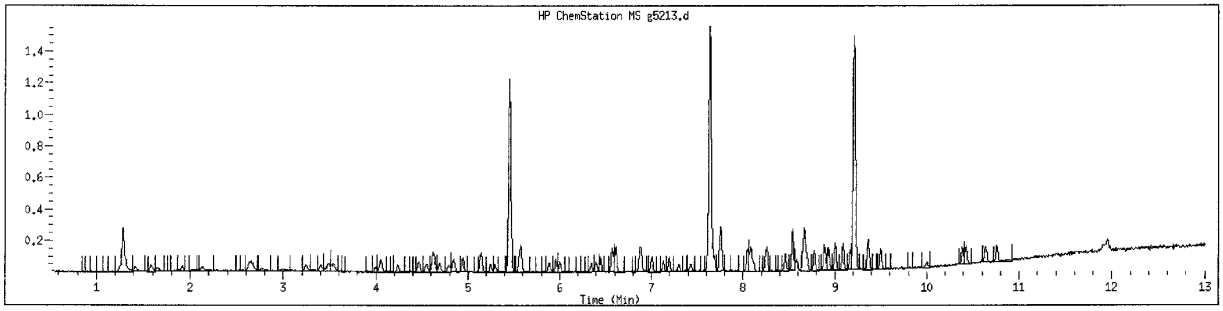
188424

Data file : /var/chem/msv5.i/2060618p.s.b/g5213.d Page: 1
Report Date: 06/20/2006 10:15

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1201	SampleType	: CALIB_1
Injection Date	: 18-JUN-2006 18:05	Instrument	: msv5.i
Operator	: JCK		
Sample Info	: 1201*V5STD005PPB*5-48-9		
Misc Info	: MSV~8566~*1*VWM		
Method	: /var/chem/msv5.i/2060618p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



Original Final

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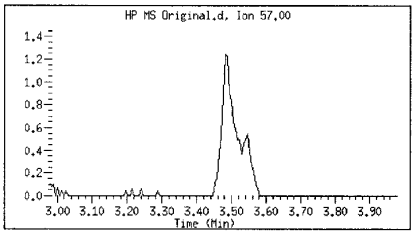
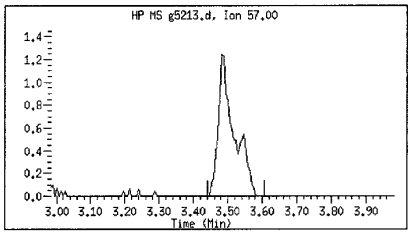
24 Hexane CAS#: 110-54-3





188425

GCAL, Inc.

Data file : /var/chem/msv5.i/2060618p.s.b/g5214.d
Lab Smp Id: 1208 Client Smp ID: V5STD010PPB
Inj Date : 18-JUN-2006 18:30
Operator : JCK Inst ID: msv5.i
Smp Info : 1208*V5STD010PPB*5-48-9
Misc Info : MSV~8566~*1*VWM
Comment :
Method : /var/chem/msv5.i/2060618p.s.b/8260Bw5.m
Meth Date : 20-Jun-2006 10:15 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 18:30 Cal File: g5214.d
Als bottle: 6 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.414	1.414	(0.259)	69851	10.0000	9.97	
2 Chloromethane ++	50	1.589	1.589	(0.291)	87578	10.0000	9.59	
3 Vinyl Chloride +	62	1.648	1.648	(0.302)	64439	10.0000	10.6	
5 Bromomethane	94	1.917	1.917	(0.351)	33413	10.0000	9.96	
M 139 1-3 Dichloropropene-Total	100				183521	20.0000	20.6	0
6 Chloroethane	64	2.011	2.011	(0.369)	7867	10.0000	13.2	
7 Trichlorofluoromethane	101	2.134	2.134	(0.391)	53330	10.0000	10.9	
12 1,1-Dichloroethene +	96	2.638	2.638	(0.483)	27134	10.0000	10.5	
15 Carbon Disulfide	76	2.656	2.656	(0.487)	127774	10.0000	9.89	
11 1,1,2Trichlotrifluoroethane	101	2.673	2.673	(0.490)	37204	10.0000	10.0	
14 Methyl Iodide	142	2.779	2.779	(0.509)	58951	10.0000	10.4	
10 Acrolein	56	2.996	2.996	(0.549)	27147	50.0000	53.0	
18 Methylene Chloride	49	3.254	3.254	(0.596)	59688	10.0000	11.0	
21 trans-1,2-Dichloroethene	61	3.406	3.406	(0.624)	43881	10.0000	9.68	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	13 Acetone	43	3.318	3.318	(0.608)	16307	10.0000	9.52	
	17 Methyl Acetate	43	3.447	3.447	(0.632)	39206	10.0000	10.7	8027(M)
	24 Hexane	57	3.494	3.494	(0.640)	73912	10.0000	9.80	0(M)
	20 MTBE	73	3.547	3.547	(0.650)	105615	10.0000	10.2	7364
	27 1,1-Dichloroethane ++	63	4.003	4.003	(0.734)	78150	10.0000	10.0	
	22 Acrylonitrile	53	4.056	4.056	(0.743)	117434	50.0000	50.8	
	28 Vinyl Acetate	43	4.238	4.238	(0.777)	114346	10.0000	9.96	
	31 cis-1,2-Dichloroethene	61	4.466	4.466	(0.818)	69273	10.0000	10.1	
	30 2,2-Dichloropropane	77	4.554	4.554	(0.835)	62001	10.0000	10.1	
	37 Cyclohexane	56	4.619	4.619	(0.846)	89456	10.0000	10.6	6460
	35 Bromochloromethane	128	4.630	4.630	(0.848)	26437	10.0000	10.9	
	36 Chloroform +	83	4.689	4.689	(0.859)	87092	10.0000	10.5	
	40 Carbon Tetrachloride	117	4.789	4.789	(0.878)	54380	10.0000	9.66	
$	38 Dibromofluoromethane	111	4.842	4.842	(0.887)	56475	10.0000	10.2	4501
	39 1,1,1-Trichloroethane	97	4.848	4.848	(0.888)	62974	10.0000	10.4	
	41 1,1-Dichloropropene	75	4.947	4.947	(0.907)	66473	10.0000	9.85	
	32 2-Butanone	43	4.947	4.947	(0.907)	36999	10.0000	10.5	
	44 Benzene	78	5.141	5.141	(0.942)	193426	10.0000	10.3	
$	45 1,2-Dichloroethane-d4	67	5.246	5.246	(0.961)	32293	10.0000	10.4	
	46 1,2-Dichloroethane	62	5.299	5.299	(0.971)	69314	10.0000	10.7	
*	47 FLUOROBENZENE	96	5.457	5.457	(1.000)	1005453	50.0000		
	50 Methyl Cyclohexane	83	5.569	5.569	(1.020)	82746	10.0000	10.1	9104
	49 Trichloroethene	130	5.581	5.581	(1.023)	48894	10.0000	10.4	
	55 Dibromomethane	93	5.885	5.885	(1.078)	39852	10.0000	9.47	
	51 1,2-Dichloropropane +	63	5.956	5.956	(1.091)	60904	10.0000	10.9	
	56 Bromodichloromethane	83	6.003	6.003	(1.100)	71851	10.0000	9.83	
M	42 Total 1,2-Dichloroethene	61				113154	20.0000	19.9	
	140 1-Bromo-2-chloroethane	63	6.342	6.342	(1.162)	92302	10.0000	9.77	7434
	57 2-Chloroethyl vinyl ether	63	6.395	6.395	(1.172)	43668	10.0000	11.4	
	58 cis-1,3-Dichloropropene	75	6.442	6.442	(1.180)	96947	10.0000	10.4	
$	60 Toluene-d8	98	6.577	6.577	(0.861)	179842	10.0000	9.99	
	61 Toluene +	91	6.612	6.612	(0.866)	218478	10.0000	9.34	
	59 4-methyl-2-pentanone	43	6.864	6.864	(1.258)	82640	10.0000	10.1	
	65 Tetrachloroethene	164	6.876	6.876	(0.900)	39098	10.0000	9.43	
	63 trans-1,3-Dichloropropene	75	6.888	6.888	(0.902)	86574	10.0000	10.1	
	64 1,1,2-Trichloroethane	97	7.005	7.005	(0.917)	54264	10.0000	10.2	
	68 Dibromochloromethane	129	7.128	7.128	(0.933)	61801	10.0000	9.97	
	66 1,3-Dichloropropane	76	7.193	7.193	(0.942)	90386	10.0000	9.90	
	69 1,2-Dibromoethane(EDB)	107	7.299	7.299	(0.955)	58908	10.0000	9.50	
	67 2-Hexanone	43	7.428	7.428	(0.972)	61394	10.0000	10.1	
	154 1-Chlorohexane	91	7.615	7.615	(0.997)	89373	10.0000	9.97	2143(H)
*	70 CHLOROBENZENE-d5	82	7.639	7.639	(1.000)	442396	50.0000		
	71 Chlorobenzene ++	112	7.651	7.651	(1.002)	134133	10.0000	9.84	
	72 Ethylbenzene +	106	7.657	7.657	(1.002)	73647	10.0000	10.0	
	73 1,1,1,2-Tetrachloroethane	133	7.686	7.686	(1.006)	45583	10.0000	9.65	
	74 p,m-Xylene	106	7.757	7.757	(1.015)	163522	20.0000	19.2	
	75 o-Xylene	106	8.050	8.050	(1.054)	86293	10.0000	10.1	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	76 Styrene	104	8.085	8.085	(1.058)	153741	10.0000	9.76	
	77 Bromoform ++	173	8.115	8.115	(1.062)	43312	10.0000	9.38	
	78 Isopropylbenzene	105	8.256	8.256	(1.081)	208541	10.0000	9.57	
$	80 Bromofluorobenzene	174	8.461	8.461	(1.108)	59247	10.0000	10.2	
	85 n-Propylbenzene	91	8.537	8.537	(0.926)	272426	10.0000	10.0	
	82 Bromobenzene	77	8.543	8.543	(0.927)	107870	10.0000	10.1	
	81 1,1,2,2-Tetrachloroethane++	83	8.579	8.579	(0.931)	86150	10.0000	10.3	
	87 2-Chlorotoluene	91	8.661	8.661	(0.940)	186437	10.0000	10.4	
	88 1,3,5-Trimethylbenzene	105	8.667	8.667	(0.941)	181528	10.0000	10.5	
	86 1,2,3-Trichloropropane	75	8.697	8.697	(0.944)	89003	10.0000	9.77	
	84 trans-1,4-Dichloro-2-Butene	53	8.708	8.708	(0.945)	18583	10.0000	10.8	
	89 4-Chlorotoluene	91	8.773	8.773	(0.952)	166491	10.0000	10.1	
	91 tert-butylbenzene	91	8.885	8.885	(0.964)	117643	10.0000	10.9	
	92 1,2,4-Trimethylbenzene	105	8.932	8.932	(0.969)	180913	10.0000	10.2	
	96 sec-Butylbenzene	105	9.009	9.009	(0.978)	253802	10.0000	10.3	
	97 p-Isopropyltoluene	119	9.091	9.091	(0.987)	192816	10.0000	9.87	
	98 1,3-Dichlorobenzene	146	9.167	9.167	(0.995)	102056	10.0000	10.1	
*	99 1,4-DICHLOROBENZENE-D4	152	9.215	9.215	(1.000)	340899	50.0000		
	100 1,4-Dichlorobenzene	146	9.227	9.227	(1.001)	105170	10.0000	9.98	
	102 n-Butylbenzene	91	9.362	9.362	(1.016)	201566	10.0000	9.63	
	103 1,2-Dichlorobenzene	146	9.503	9.503	(1.031)	99322	10.0000	9.85	
	104 1,2-Dibromo-3-Chloropropane	157	10.009	10.009	(1.086)	16009	10.0000	9.21	
	107 Hexachlorobutadiene	225	10.391	10.391	(1.128)	38454	10.0000	10.4	
	106 1,2,4-Trichlorobenzene	180	10.427	10.427	(1.132)	64586	10.0000	9.80	
M	101 TOTAL XYLENE	106				249815	30.0000	29.2	
	108 Naphthalene	128	10.639	10.639	(1.155)	155104	10.0000	9.75	
	109 1,2,3-Trichlorobenzene	180	10.769	10.769	(1.169)	59984	10.0000	9.18	

QC Flag Legend

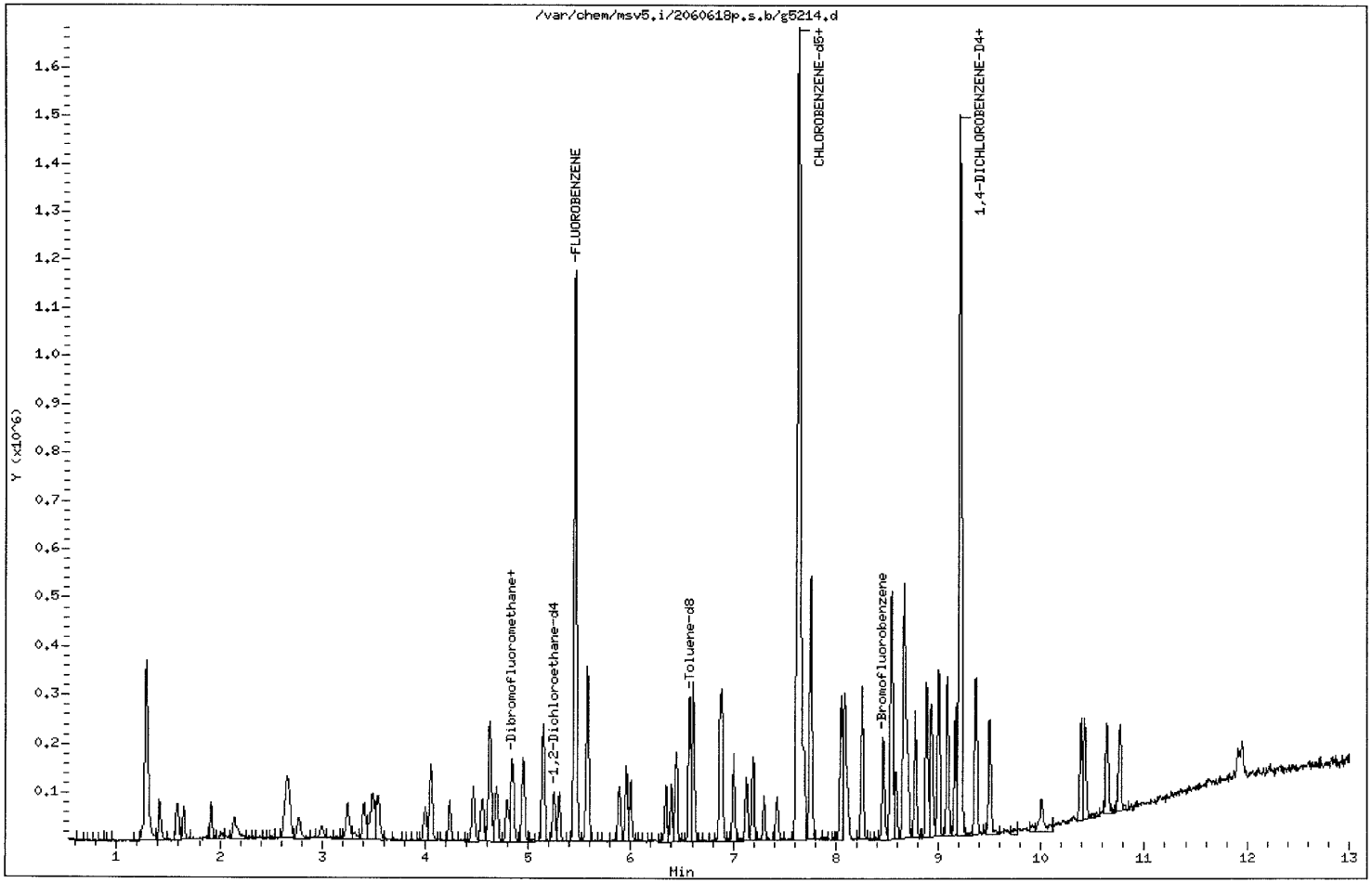
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060618p.s.b/g5214.d
Date : 18-JUN-2006 18:30
Client ID: W5STD010PPB
Sample Info: 1208*W5STD010PPB*5-48-9
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: JCK
Column diameter: 0.53

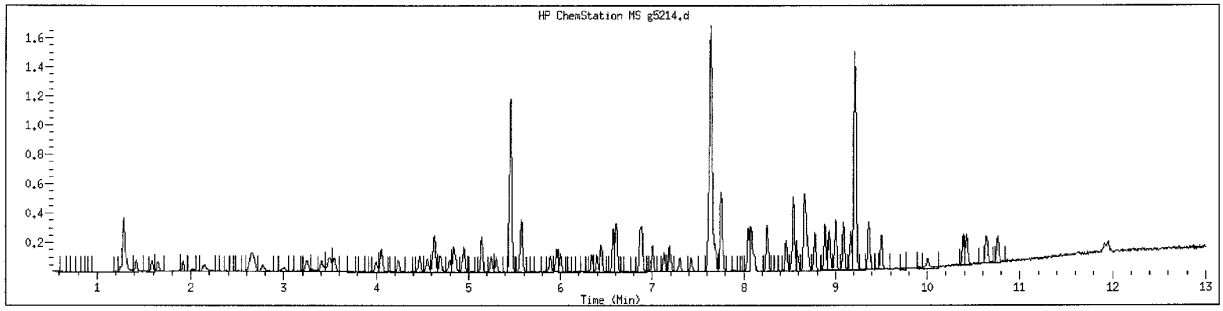


188429

Data file : /var/chem/msv5.i/2060618p.s.b/g5214.d Page: 1
Report Date: 06/20/2006 10:15

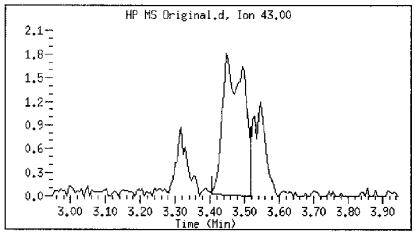
MANUAL INTEGRATION GRAPHIC REPORT

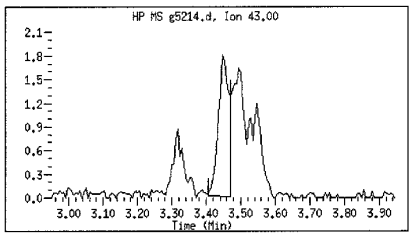
Lab ID	: 1208	SampleType	: CALIB_8
Injection Date	: 18-JUN-2006 18:30	Instrument	: msv5.i
Operator	: JCK		
Sample Info	: 1208*V5STD010PPB*5-48-9		
Misc Info	: MSV~8566~*1*VWM		
Method	: /var/chem/msv5.i/2060618p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



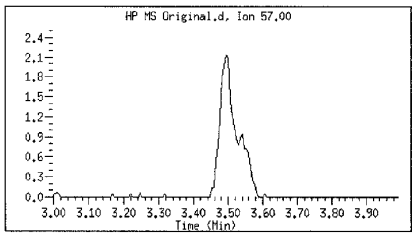
Original Final

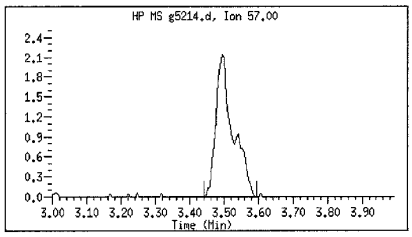
17 Methyl Acetate CAS#: 79-20-9





24 Hexane CAS#: 110-54-3





188430

GCAL, Inc.

Data file : /var/chem/msv5.i/2060618p.s.b/g5215.d
Lab Smp Id: 1202 Client Smp ID: V5STD020PPB
Inj Date : 18-JUN-2006 18:55
Operator : JCK Inst ID: msv5.i
Smp Info : 1202*V5STD020PPB*5-48-9
Misc Info : MSV~8566~*1*VWM
Comment :
Method : /var/chem/msv5.i/2060618p.s.b/8260Bw5.m
Meth Date : 20-Jun-2006 10:15 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 18:55 Cal File: g5215.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.414	1.414	(0.259)	133883	20.0000	18.8	
2 Chloromethane ++	50	1.584	1.584	(0.290)	173989	20.0000	18.7	
3 Vinyl Chloride +	62	1.648	1.648	(0.302)	123729	20.0000	20.1	
5 Bromomethane	94	1.917	1.917	(0.352)	60554	20.0000	17.7	
M 139 1-3 Dichloropropene-Total	100				356039	40.0000	39.2	0
6 Chloroethane	64	2.011	2.011	(0.369)	12161	20.0000	20.1	
7 Trichlorofluoromethane	101	2.146	2.146	(0.394)	108645	20.0000	21.7	
12 1,1-Dichloroethene +	96	2.632	2.632	(0.483)	49547	20.0000	18.9	
15 Carbon Disulfide	76	2.656	2.656	(0.487)	251930	20.0000	19.1	
11 1,1,2Trichlotrifluoroethane	101	2.674	2.674	(0.490)	73793	20.0000	19.5	
14 Methyl Iodide	142	2.774	2.774	(0.509)	117672	20.0000	20.4	
10 Acrolein	56	3.002	3.002	(0.551)	52095	100.000	99.8	
18 Methylene Chloride	49	3.254	3.254	(0.597)	106238	20.0000	19.3	
21 trans-1,2-Dichloroethene	61	3.406	3.406	(0.625)	95926	20.0000	20.8	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	13 Acetone	43	3.324	3.324	(0.610)	28590	20.0000	18.9	
	17 Methyl Acetate	43	3.448	3.448	(0.632)	74263	20.0000	19.9	8613
	24 Hexane	57	3.495	3.495	(0.641)	146150	20.0000	19.0	0(M)
	20 MTBE	73	3.547	3.547	(0.651)	211595	20.0000	20.0	7058
	27 1,1-Dichloroethane ++	63	4.004	4.004	(0.734)	157032	20.0000	19.7	
	22 Acrylonitrile	53	4.057	4.057	(0.744)	246992	100.000	105	
	28 Vinyl Acetate	43	4.238	4.238	(0.777)	236078	20.0000	20.2	
	31 cis-1,2-Dichloroethene	61	4.467	4.467	(0.819)	134567	20.0000	19.3	
	30 2,2-Dichloropropane	77	4.555	4.555	(0.835)	123635	20.0000	19.8	
	37 Cyclohexane	56	4.619	4.619	(0.847)	167923	20.0000	19.6	6349
	35 Bromochloromethane	128	4.631	4.631	(0.849)	48953	20.0000	19.7	
	36 Chloroform +	83	4.696	4.696	(0.861)	164824	20.0000	19.5	
	40 Carbon Tetrachloride	117	4.796	4.796	(0.879)	113721	20.0000	19.8	
$	38 Dibromofluoromethane	111	4.837	4.837	(0.887)	111516	20.0000	19.8	4297
	39 1,1,1-Trichloroethane	97	4.849	4.849	(0.889)	114392	20.0000	18.6	
	41 1,1-Dichloropropene	75	4.948	4.948	(0.908)	127936	20.0000	18.6	
	32 2-Butanone	43	4.942	4.942	(0.906)	72023	20.0000	20.1	
	44 Benzene	78	5.142	5.142	(0.943)	366112	20.0000	19.1	
$	45 1,2-Dichloroethane-d4	67	5.247	5.247	(0.962)	64734	20.0000	20.4	
	46 1,2-Dichloroethane	62	5.300	5.300	(0.972)	129097	20.0000	19.6	
*	47 FLUOROBENZENE	96	5.453	5.453	(1.000)	1024614	50.0000		
	50 Methyl Cyclohexane	83	5.570	5.570	(1.022)	165049	20.0000	19.7	9092
	49 Trichloroethene	130	5.576	5.576	(1.023)	94799	20.0000	19.8	
	55 Dibromomethane	93	5.887	5.887	(1.080)	82320	20.0000	19.2	
	51 1,2-Dichloropropane +	63	5.963	5.963	(1.094)	115632	20.0000	20.4	
	56 Bromodichloromethane	83	6.004	6.004	(1.101)	147812	20.0000	19.8	
M	42 Total 1,2-Dichloroethene	61				230493	40.0000	39.7	
	140 1-Bromo-2-chloroethane	63	6.344	6.344	(1.163)	189073	20.0000	19.6	7230
	57 2-Chloroethyl vinyl ether	63	6.397	6.397	(1.173)	82178	20.0000	21.1	
	58 cis-1,3-Dichloropropene	75	6.444	6.444	(1.182)	183906	20.0000	19.4	
$	60 Toluene-d8	98	6.573	6.573	(0.861)	358333	20.0000	20.1	
	61 Toluene +	91	6.608	6.608	(0.865)	420877	20.0000	18.1	
	59 4-methyl-2-pentanone	43	6.866	6.866	(1.259)	162035	20.0000	19.4	
	65 Tetrachloroethene	164	6.878	6.878	(0.901)	83179	20.0000	20.2	
	63 trans-1,3-Dichloropropene	75	6.890	6.890	(0.902)	172133	20.0000	20.2	
	64 1,1,2-Trichloroethane	97	7.007	7.007	(0.918)	110879	20.0000	21.0	
	68 Dibromochloromethane	129	7.130	7.130	(0.934)	128215	20.0000	20.9	
	66 1,3-Dichloropropane	76	7.189	7.189	(0.942)	187248	20.0000	20.7	
	69 1,2-Dibromoethane(EDB)	107	7.301	7.301	(0.956)	125258	20.0000	20.4	
	67 2-Hexanone	43	7.430	7.430	(0.973)	119292	20.0000	19.8	
	154 1-Chlorohexane	91	7.612	7.612	(0.997)	176561	20.0000	19.9	1958(H)
*	70 CHLOROBENZENE-d5	82	7.635	7.635	(1.000)	438650	50.0000		
	71 Chlorobenzene ++	112	7.647	7.647	(1.002)	270217	20.0000	20.0	
	72 Ethylbenzene +	106	7.659	7.659	(1.003)	141580	20.0000	19.4	
	73 1,1,1,2-Tetrachloroethane	133	7.689	7.689	(1.007)	94168	20.0000	20.1	
	74 p,m-Xylene	106	7.753	7.753	(1.015)	331621	40.0000	39.2	
	75 o-Xylene	106	8.053	8.053	(1.055)	175382	20.0000	20.6	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	76 Styrene	104	8.082	8.082	(1.059)	309350	20.0000	19.8	
	77 Bromoform ++	173	8.111	8.111	(1.062)	89215	20.0000	19.5	
	78 Isopropylbenzene	105	8.258	8.258	(1.082)	424660	20.0000	19.7	
$	80 Bromofluorobenzene	174	8.464	8.464	(1.109)	112169	20.0000	19.5	
	85 n-Propylbenzene	91	8.540	8.540	(0.927)	553905	20.0000	20.5	
	82 Bromobenzene	77	8.540	8.540	(0.927)	222520	20.0000	20.8	
	81 1,1,2,2-Tetrachloroethane++	83	8.582	8.582	(0.932)	174890	20.0000	21.0	
	87 2-Chlorotoluene	91	8.664	8.664	(0.940)	360316	20.0000	20.2	
	88 1,3,5-Trimethylbenzene	105	8.664	8.664	(0.940)	360692	20.0000	21.0	
	86 1,2,3-Trichloropropane	75	8.694	8.694	(0.944)	188675	20.0000	20.8	
	84 trans-1,4-Dichloro-2-Butene	53	8.700	8.700	(0.944)	37233	20.0000	21.7	
	89 4-Chlorotoluene	91	8.776	8.776	(0.953)	330280	20.0000	20.1	
	91 tert-butylbenzene	91	8.888	8.888	(0.965)	208586	20.0000	19.3	
	92 1,2,4-Trimethylbenzene	105	8.929	8.929	(0.969)	359342	20.0000	20.4	
	96 sec-Butylbenzene	105	9.006	9.006	(0.978)	504383	20.0000	20.5	
	97 p-Isopropyltoluene	119	9.089	9.089	(0.987)	381068	20.0000	19.6	
	98 1,3-Dichlorobenzene	146	9.171	9.171	(0.996)	206509	20.0000	20.6	
*	99 1,4-DICHLOROBENZENE-D4	152	9.212	9.212	(1.000)	339569	50.0000		
	100 1,4-Dichlorobenzene	146	9.224	9.224	(1.001)	210464	20.0000	20.1	
	102 n-Butylbenzene	91	9.366	9.366	(1.017)	411138	20.0000	19.7	
	103 1,2-Dichlorobenzene	146	9.501	9.501	(1.031)	198520	20.0000	19.8	
	104 1,2-Dibromo-3-Chloropropane	157	10.007	10.007	(1.086)	34603	20.0000	20.0	
	107 Hexachlorobutadiene	225	10.389	10.389	(1.128)	75363	20.0000	20.4	
	106 1,2,4-Trichlorobenzene	180	10.431	10.431	(1.132)	134057	20.0000	20.4	
M	101 TOTAL XYLENE	106				507003	60.0000	59.8	
	108 Naphthalene	128	10.644	10.644	(1.155)	327497	20.0000	20.7	
	109 1,2,3-Trichlorobenzene	180	10.768	10.768	(1.169)	134002	20.0000	20.6	

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

000462

Data File: /var/chem/msv5.i/2060618p.s.b/g5215.d

Page 1

Date : 18-JUN-2006 18:55

Client ID: V5STD020PPB

Instrument: msv5.i

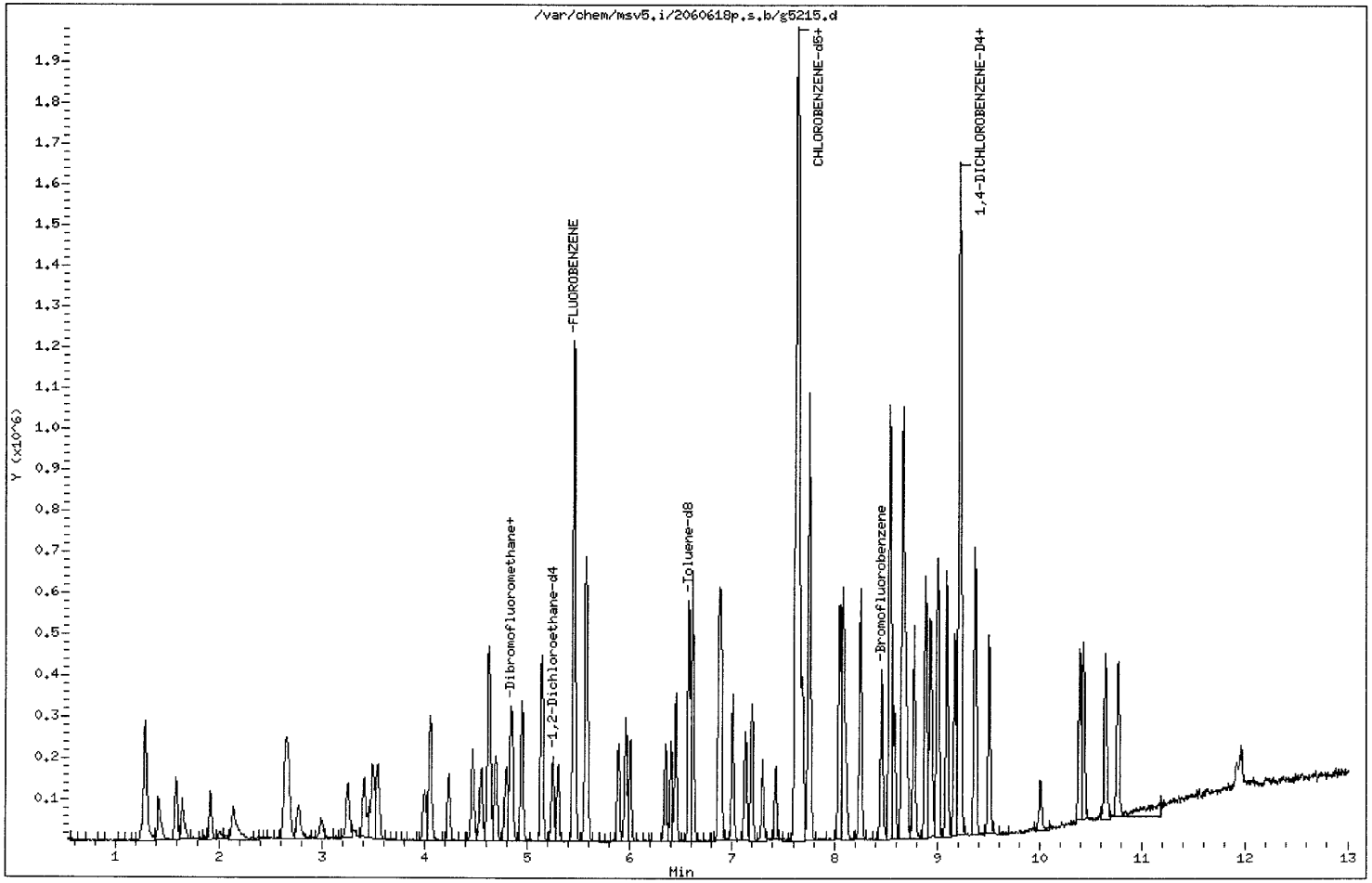
Sample Info: 1202*V5STD020PPB*5-48-9

Purge Volume: 5.0

Operator: JCK

Column phase: DB-VRX-30M

Column diameter: 0.53

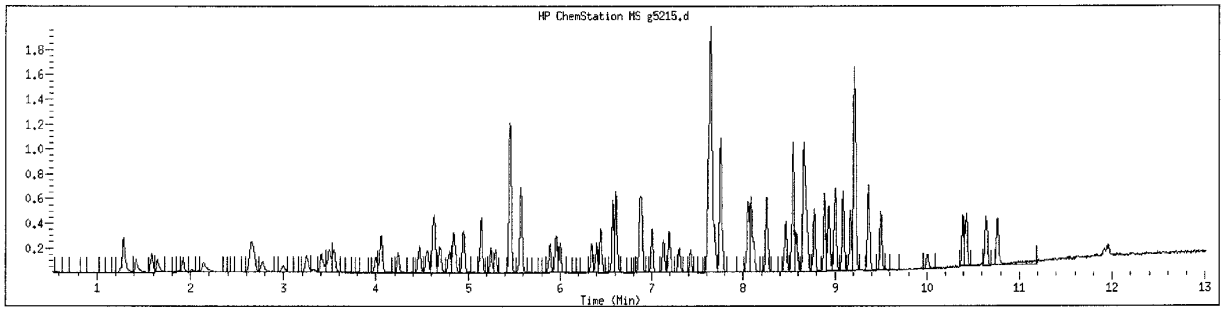


188434

Data file : /var/chem/msv5.i/2060618p.s.b/g5215.d Page: 1
Report Date: 06/20/2006 10:15

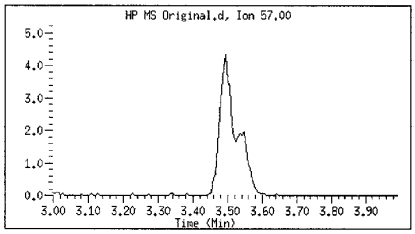
MANUAL INTEGRATION GRAPHIC REPORT

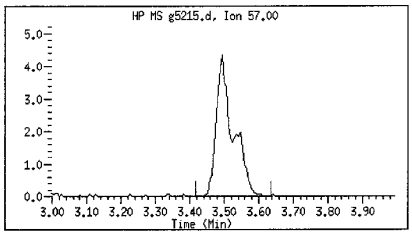
Lab ID	: 1202	SampleType	: CALIB_2
Injection Date	: 18-JUN-2006 18:55	Instrument	: msv5.i
Operator	: JCK		
Sample Info	: 1202*V5STD020PPB*5-48-9		
Misc Info	: MSV~8566~*1*VWM		
Method	: /var/chem/msv5.i/2060618p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist:	8260b



Original Final

24 Hexane CAS#: 110-54-3





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188435

GCAL, Inc.

Data file : /var/chem/msv5.i/2060618p.s.b/g5216.d
Lab Smp Id: 1203 Client Smp ID: V5STD050PPB
Inj Date : 18-JUN-2006 19:21
Operator : JCK Inst ID: msv5.i
Smp Info : 1203*V5STD050PPB*5-48-9
Misc Info : MSV~8566~*1*VWM
Comment :
Method : /var/chem/msv5.i/2060618p.s.b/8260Bw5.m
Meth Date : 20-Jun-2006 10:15 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:21 Cal File: g5216.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.420	1.420	(0.260)	368200	50.0000	51.3	
2 Chloromethane ++	50	1.584	1.584	(0.290)	484666	50.0000	51.8	
3 Vinyl Chloride +	62	1.648	1.648	(0.302)	340752	50.0000	55.0	
5 Bromomethane	94	1.918	1.918	(0.352)	173908	50.0000	50.6	
M 139 1-3 Dichloropropene-Total	100				903976	100.000	99.0	0
6 Chloroethane	64	2.011	2.011	(0.369)	31369	50.0000	51.7	
7 Trichlorofluoromethane	101	2.141	2.141	(0.392)	267422	50.0000	53.2	
12 1,1-Dichloroethene +	96	2.639	2.639	(0.484)	130597	50.0000	49.5	
15 Carbon Disulfide	76	2.656	2.656	(0.487)	642402	50.0000	48.5	
11 1,1,2Trichlotrifluoroethane	101	2.674	2.674	(0.490)	194276	50.0000	51.2	
14 Methyl Iodide	142	2.774	2.774	(0.509)	308753	50.0000	53.4	
10 Acrolein	56	2.997	2.997	(0.549)	134768	250.000	257	(A)
18 Methylene Chloride	49	3.249	3.249	(0.596)	247117	50.0000	44.6	
21 trans-1,2-Dichloroethene	61	3.413	3.413	(0.626)	239577	50.0000	51.6	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	13 Acetone	43	3.319	3.319	(0.608)	68890	50.0000	50.3	
	17 Methyl Acetate	43	3.448	3.448	(0.632)	166383	50.0000	44.4	9402(M)
	24 Hexane	57	3.495	3.495	(0.641)	366402	50.0000	47.4	8758
	20 MTBE	73	3.542	3.542	(0.649)	501190	50.0000	47.2	6943
	27 1,1-Dichloroethane ++	63	4.005	4.005	(0.734)	408616	50.0000	51.0	
	22 Acrylonitrile	53	4.058	4.058	(0.744)	577803	250.000	244	(A)
	28 Vinyl Acetate	43	4.240	4.240	(0.777)	565028	50.0000	48.0	
	31 cis-1,2-Dichloroethene	61	4.468	4.468	(0.819)	358655	50.0000	51.1	
	30 2,2-Dichloropropane	77	4.556	4.556	(0.835)	296330	50.0000	47.3	
	37 Cyclohexane	56	4.627	4.627	(0.848)	426569	50.0000	49.5	6268
	35 Bromochloromethane	128	4.633	4.633	(0.849)	125334	50.0000	50.2	
	36 Chloroform +	83	4.692	4.692	(0.860)	415634	50.0000	48.8	
	40 Carbon Tetrachloride	117	4.797	4.797	(0.879)	274899	50.0000	47.6	
$	38 Dibromofluoromethane	111	4.838	4.838	(0.887)	286723	50.0000	50.6	4157
	39 1,1,1-Trichloroethane	97	4.850	4.850	(0.889)	305405	50.0000	49.4	
	41 1,1-Dichloropropene	75	4.950	4.950	(0.907)	324988	50.0000	47.0	
	32 2-Butanone	43	4.944	4.944	(0.906)	158294	50.0000	44.0	
	44 Benzene	78	5.144	5.144	(0.943)	963009	50.0000	49.9	
$	45 1,2-Dichloroethane-d4	67	5.244	5.244	(0.961)	155782	50.0000	48.9	
	46 1,2-Dichloroethane	62	5.296	5.296	(0.971)	333879	50.0000	50.3	
*	47 FLUOROBENZENE	96	5.455	5.455	(1.000)	1030008	50.0000		
	50 Methyl Cyclohexane	83	5.572	5.572	(1.022)	412575	50.0000	49.1	8996
	49 Trichloroethene	130	5.578	5.578	(1.023)	244322	50.0000	50.6	
	55 Dibromomethane	93	5.883	5.883	(1.079)	203370	50.0000	47.2	
	51 1,2-Dichloropropane +	63	5.959	5.959	(1.093)	292367	50.0000	51.3	
	56 Bromodichloromethane	83	6.001	6.001	(1.100)	369328	50.0000	49.3	
M	42 Total 1,2-Dichloroethene	61				598232	100.000	103	
	140 1-Bromo-2-chloroethane	63	6.341	6.341	(1.162)	475845	50.0000	49.2	7224
	57 2-Chloroethyl vinyl ether	63	6.399	6.399	(1.173)	94533	50.0000	24.1	(M)
	58 cis-1,3-Dichloropropene	75	6.446	6.446	(1.182)	473903	50.0000	49.9	
$	60 Toluene-d8	98	6.576	6.576	(0.861)	882381	50.0000	48.8	
	61 Toluene +	91	6.611	6.611	(0.865)	1047497	50.0000	44.6	
	59 4-methyl-2-pentanone	43	6.863	6.863	(1.258)	383898	50.0000	45.8	
	65 Tetrachloroethene	164	6.875	6.875	(0.900)	190817	50.0000	45.9	
	63 trans-1,3-Dichloropropene	75	6.893	6.893	(0.902)	430073	50.0000	49.8	
	64 1,1,2-Trichloroethane	97	7.005	7.005	(0.917)	275847	50.0000	51.5	
	68 Dibromochloromethane	129	7.128	7.128	(0.933)	325269	50.0000	52.3	
	66 1,3-Dichloropropane	76	7.193	7.193	(0.942)	451461	50.0000	49.3	
	69 1,2-Dibromoethane(EDB)	107	7.298	7.298	(0.955)	309588	50.0000	49.8	
	67 2-Hexanone	43	7.427	7.427	(0.972)	277638	50.0000	45.6	
	154 1-Chlorohexane	91	7.615	7.615	(0.997)	448859	50.0000	49.9	1859(H)
*	70 CHLOROBENZENE-d5	82	7.639	7.639	(1.000)	444042	50.0000		
	71 Chlorobenzene ++	112	7.651	7.651	(1.002)	661539	50.0000	48.3	
	72 Ethylbenzene +	106	7.657	7.657	(1.002)	351643	50.0000	47.6	
	73 1,1,1,2-Tetrachloroethane	133	7.686	7.686	(1.006)	247514	50.0000	52.2	
	74 p,m-Xylene	106	7.757	7.757	(1.015)	826548	100.000	96.5	
	75 o-Xylene	106	8.051	8.051	(1.054)	429950	50.0000	49.9	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	76 Styrene	104	8.086	8.086	(1.059)	776745	50.0000	49.1	
	77 Bromoform ++	173	8.116	8.116	(1.062)	237314	50.0000	51.2	
	78 Isopropylbenzene	105	8.257	8.257	(1.081)	1042377	50.0000	47.7	
$	80 Bromofluorobenzene	174	8.462	8.462	(1.108)	290227	50.0000	49.8	
	85 n-Propylbenzene	91	8.539	8.539	(0.927)	1335212	50.0000	47.4	
	82 Bromobenzene	77	8.545	8.545	(0.928)	538777	50.0000	48.4	
	81 1,1,2,2-Tetrachloroethane++	83	8.587	8.587	(0.932)	422209	50.0000	48.8	
	87 2-Chlorotoluene	91	8.663	8.663	(0.940)	907200	50.0000	48.9	
	88 1,3,5-Trimethylbenzene	105	8.669	8.669	(0.941)	877315	50.0000	49.1	
	86 1,2,3-Trichloropropane	75	8.693	8.693	(0.944)	452482	50.0000	47.9	
	84 trans-1,4-Dichloro-2-Butene	53	8.705	8.705	(0.945)	93850	50.0000	52.6	
	89 4-Chlorotoluene	91	8.776	8.776	(0.953)	826140	50.0000	48.2	
	91 tert-butylbenzene	91	8.887	8.887	(0.965)	519221	50.0000	46.2	
	92 1,2,4-Trimethylbenzene	105	8.935	8.935	(0.970)	903833	50.0000	49.3	
	96 sec-Butylbenzene	105	9.006	9.006	(0.978)	1212978	50.0000	47.4	
	97 p-Isopropyltoluene	119	9.088	9.088	(0.987)	943418	50.0000	46.6	
	98 1,3-Dichlorobenzene	146	9.171	9.171	(0.995)	486248	50.0000	46.5	
*	99 1,4-DICHLOROBENZENE-D4	152	9.212	9.212	(1.000)	353535	50.0000		
	100 1,4-Dichlorobenzene	146	9.224	9.224	(1.001)	531270	50.0000	48.6	
	102 n-Butylbenzene	91	9.366	9.366	(1.017)	1029604	50.0000	47.5	
	103 1,2-Dichlorobenzene	146	9.501	9.501	(1.031)	505451	50.0000	48.3	
	104 1,2-Dibromo-3-Chloropropane	157	10.013	10.013	(1.087)	86027	50.0000	47.7	
	107 Hexachlorobutadiene	225	10.390	10.390	(1.128)	189138	50.0000	49.2	
	106 1,2,4-Trichlorobenzene	180	10.432	10.432	(1.132)	332363	50.0000	48.6	
M	101 TOTAL XYLENE	106				1256498	150.000	146	
	108 Naphthalene	128	10.645	10.645	(1.155)	750562	50.0000	45.5	
	109 1,2,3-Trichlorobenzene	180	10.769	10.769	(1.169)	321206	50.0000	47.4	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060618p.s.b/g5216.d

Page 1

Date : 18-JUN-2006 19:21

Client ID: V5STD050PPB

Instrument: msv5.i

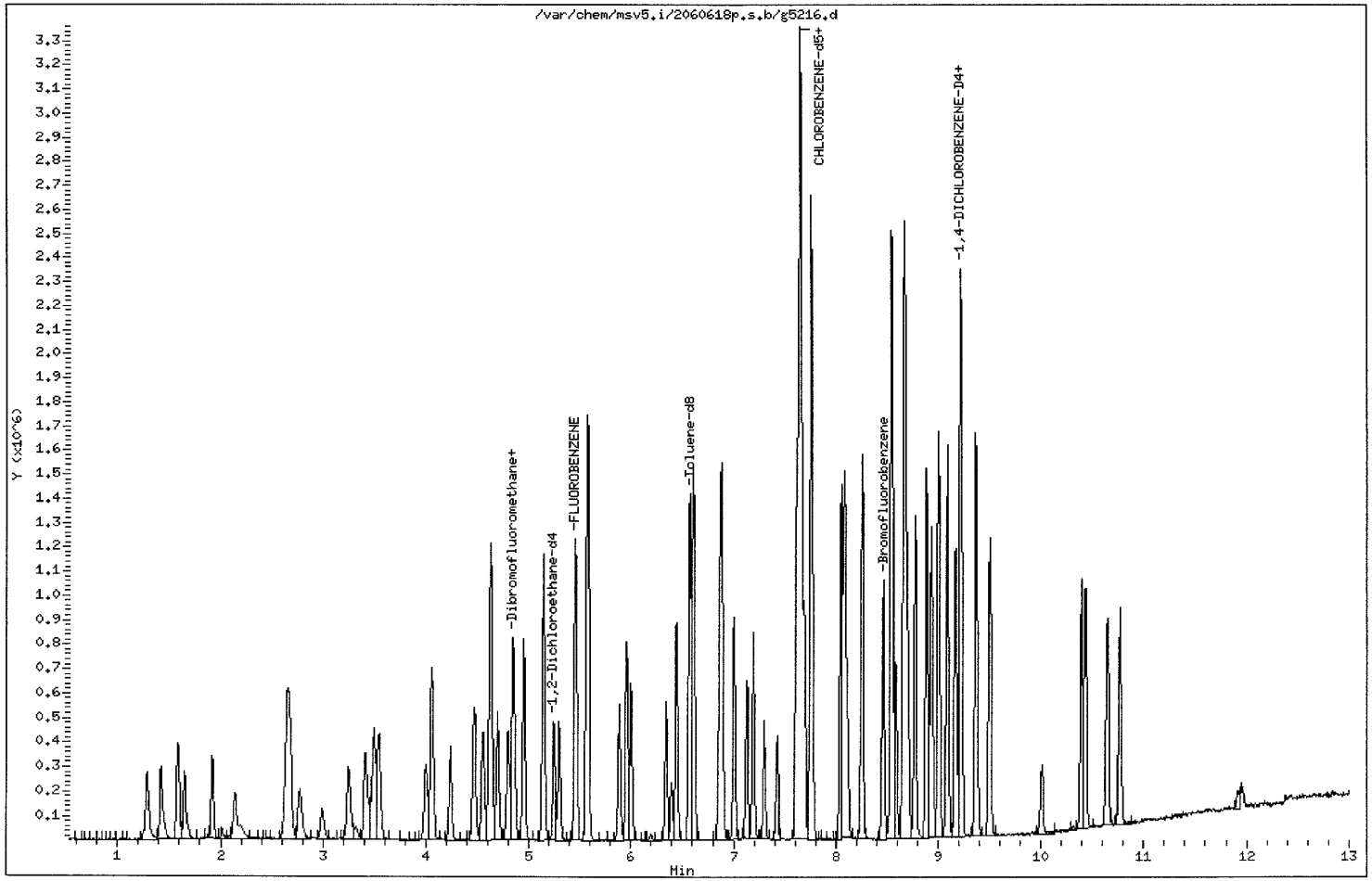
Sample Info: 1203*V5STD050PPB*5-48-9

Purge Volume: 5.0

Operator: JCK

Column phase: DB-VRX-30M

Column diameter: 0.53



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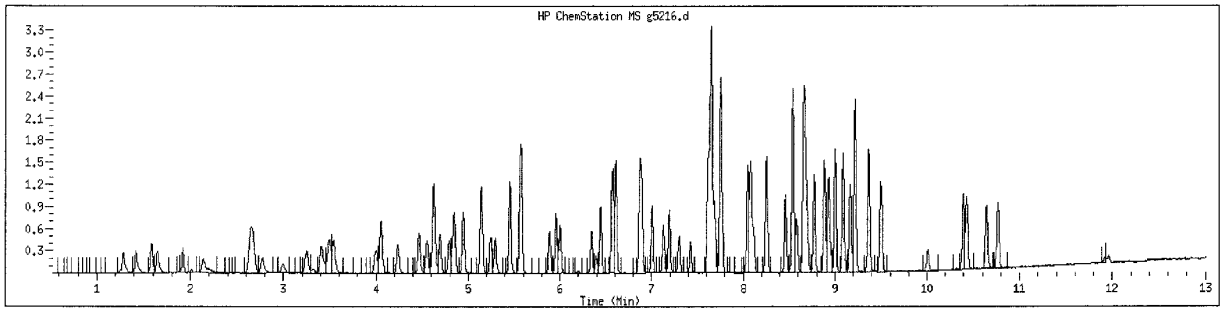
Data file : /var/chem/msv5.i/2060618p.s.b/g5216.d Page: 1
Report Date: 06/20/2006 10:15

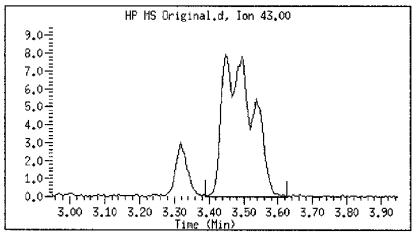
MANUAL INTEGRATION GRAPHIC REPORT

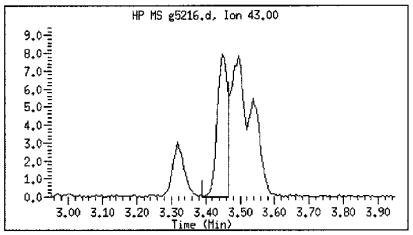
Lab ID	: 1203	SampleType	: CALIB_3
Injection Date	: 18-JUN-2006 19:21	Instrument	: msv5.i
Operator	: JCK		
Sample Info	: 1203*V5STD050PPB*5-48-9		
Misc Info	: MSV~8566~*1*VWM		
Method	: /var/chem/msv5.i/2060618p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



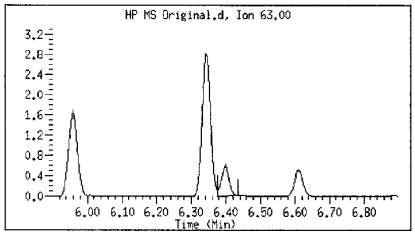
Original Final

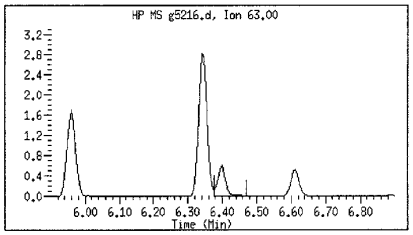
17 Methyl Acetate CAS#: 79-20-9





57 2-Chloroethyl vinyl ether CAS#: 110-75-8





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GCAL, Inc.

Data file : /var/chem/msv5.i/2060618p.s.b/g5217.d
Lab Smp Id: 1204 Client Smp ID: V5STD100PPB
Inj Date : 18-JUN-2006 19:46
Operator : JCK Inst ID: msv5.i
Smp Info : 1204*V5STD100PPB*5-48-9
Misc Info : MSV~8566~*1*VWM
Comment :
Method : /var/chem/msv5.i/2060618p.s.b/8260Bw5.m
Meth Date : 20-Jun-2006 10:15 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 8 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	SIMILARITY
1 Dichlorodifluoromethane	85	1.420	1.420	(1.000)	746906	100.000	103	
2 Chloromethane ++	50	1.584	1.584	(1.000)	995289	100.000	105	
3 Vinyl Chloride +	62	1.648	1.648	(1.000)	719244	100.000	114	
5 Bromomethane	94	1.918	1.918	(1.000)	389404	100.000	112	
M 139 1-3 Dichloropropene-Total	100				1789138	200.000	193	0
6 Chloroethane	64	2.012	2.012	(1.000)	60618	100.000	98.7	
7 Trichlorofluoromethane	101	2.135	2.135	(1.000)	575590	100.000	113	
12 1,1-Dichloroethene +	96	2.633	2.633	(1.000)	275056	100.000	103	
15 Carbon Disulfide	76	2.651	2.651	(1.000)	1306644	100.000	97.4	
11 1,1,2Trichlotrifluoroethane	101	2.669	2.669	(1.000)	387484	100.000	101	
14 Methyl Iodide	142	2.775	2.775	(1.000)	609299	100.000	104	
10 Acrolein	56	2.997	2.997	(1.000)	249404	500.000	469	(A)
18 Methylene Chloride	49	3.250	3.250	(1.000)	492249	100.000	87.7	
21 trans-1,2-Dichloroethene	61	3.408	3.408	(1.000)	477290	100.000	101	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	13 Acetone	43	3.326	3.326	(1.000)	134234	100.000	100	
	17 Methyl Acetate	43	3.449	3.449	(1.000)	341136	100.000	89.9	9485(M)
	24 Hexane	57	3.490	3.490	(1.000)	751490	100.000	96.0	8794
	20 MTBE	73	3.543	3.543	(1.000)	995216	100.000	92.5	6865
	27 1,1-Dichloroethane ++	63	4.000	4.000	(1.000)	828144	100.000	102	
	22 Acrylonitrile	53	4.053	4.053	(1.000)	1156781	500.000	482	(A)
	28 Vinyl Acetate	43	4.235	4.235	(1.000)	1126185	100.000	94.5	
	31 cis-1,2-Dichloroethene	61	4.463	4.463	(1.000)	712821	100.000	100	
	30 2,2-Dichloropropane	77	4.552	4.552	(1.000)	616032	100.000	97.1	
	37 Cyclohexane	56	4.622	4.622	(1.000)	878149	100.000	101	6263
	35 Bromochloromethane	128	4.628	4.628	(1.000)	246783	100.000	97.7	
	36 Chloroform +	83	4.693	4.693	(1.000)	848461	100.000	98.4	
	40 Carbon Tetrachloride	117	4.793	4.793	(1.000)	567959	100.000	97.2	
$	38 Dibromofluoromethane	111	4.840	4.840	(1.000)	573491	100.000	99.9	4096
	39 1,1,1-Trichloroethane	97	4.852	4.852	(1.000)	638585	100.000	102	
	41 1,1-Dichloropropene	75	4.946	4.946	(1.000)	664455	100.000	94.8	
	32 2-Butanone	43	4.946	4.946	(1.000)	329522	100.000	90.4	
	44 Benzene	78	5.146	5.146	(1.000)	1921143	100.000	98.2	
$	45 1,2-Dichloroethane-d4	67	5.246	5.246	(1.000)	317257	100.000	98.3	
	46 1,2-Dichloroethane	62	5.299	5.299	(1.000)	645719	100.000	96.1	
*	47 FLUOROBENZENE	96	5.457	5.457	(1.000)	1043412	50.0000		(M)
	50 Methyl Cyclohexane	83	5.569	5.569	(1.000)	837305	100.000	98.3	9041
	49 Trichloroethene	130	5.581	5.581	(1.000)	475352	100.000	97.3	
	55 Dibromomethane	93	5.886	5.886	(1.000)	420384	100.000	96.3	
	51 1,2-Dichloropropane +	63	5.956	5.956	(1.000)	585446	100.000	101	
	56 Bromodichloromethane	83	5.997	5.997	(1.000)	727528	100.000	95.9	
M	42 Total 1,2-Dichloroethene	61				1190111	200.000	201	(A)
	140 1-Bromo-2-chloroethane	63	6.343	6.343	(1.000)	949526	100.000	96.9	7156
	57 2-Chloroethyl vinyl ether	63	6.397	6.397	(1.000)	408560	100.000	103	
	58 cis-1,3-Dichloropropene	75	6.444	6.444	(1.000)	948788	100.000	98.5	
$	60 Toluene-d8	98	6.573	6.573	(0.861)	1795483	100.000	102	
	61 Toluene +	91	6.608	6.608	(0.865)	2099990	100.000	91.6	
	59 4-methyl-2-pentanone	43	6.867	6.867	(1.000)	735063	100.000	86.6	
	65 Tetrachloroethene	164	6.879	6.879	(0.901)	390353	100.000	96.1	
	63 trans-1,3-Dichloropropene	75	6.890	6.890	(0.902)	840350	100.000	99.8	
	64 1,1,2-Trichloroethane	97	7.002	7.002	(0.917)	528048	100.000	101	
	68 Dibromochloromethane	129	7.132	7.132	(0.934)	630375	100.000	104	
	66 1,3-Dichloropropane	76	7.191	7.191	(0.942)	887868	100.000	99.3	
	69 1,2-Dibromoethane(EDB)	107	7.296	7.296	(0.955)	625633	100.000	103	
	67 2-Hexanone	43	7.426	7.426	(0.972)	553817	100.000	93.1	
	154 1-Chlorohexane	91	7.614	7.614	(0.997)	882868	100.000	100	1834(H)
*	70 CHLOROBENZENE-d5	82	7.637	7.637	(1.000)	433467	50.0000		
	71 Chlorobenzene ++	112	7.649	7.649	(1.002)	1306178	100.000	97.8	
	72 Ethylbenzene +	106	7.655	7.655	(1.002)	715416	100.000	99.3	
	73 1,1,1,2-Tetrachloroethane	133	7.691	7.691	(1.007)	485851	100.000	105	
	74 p,m-Xylene	106	7.756	7.756	(1.016)	1638248	200.000	196	
	75 o-Xylene	106	8.050	8.050	(1.054)	880661	100.000	105	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	76 Styrene	104	8.085	8.085	(1.059)	1546959	100.000	100	
	77 Bromoform ++	173	8.115	8.115	(1.062)	463278	100.000	102	
	78 Isopropylbenzene	105	8.256	8.256	(1.081)	2084895	100.000	97.7	
$	80 Bromofluorobenzene	174	8.462	8.462	(1.108)	572505	100.000	101	
	85 n-Propylbenzene	91	8.539	8.539	(0.927)	2648532	100.000	96.8	
	82 Bromobenzene	77	8.545	8.545	(0.927)	1058794	100.000	98.0	
	81 1,1,2,2-Tetrachloroethane++	83	8.580	8.580	(0.931)	831247	100.000	98.9	
	87 2-Chlorotoluene	91	8.663	8.663	(0.940)	1733916	100.000	96.2	
	88 1,3,5-Trimethylbenzene	105	8.669	8.669	(0.941)	1684798	100.000	97.1	
	86 1,2,3-Trichloropropane	75	8.693	8.693	(0.944)	874637	100.000	95.3	
	84 trans-1,4-Dichloro-2-Butene	53	8.705	8.705	(0.945)	164542	100.000	95.0	
	89 4-Chlorotoluene	91	8.775	8.775	(0.953)	1620646	100.000	97.4	
	91 tert-butylbenzene	91	8.887	8.887	(0.965)	1060218	100.000	97.2	
	92 1,2,4-Trimethylbenzene	105	8.935	8.935	(0.970)	1762778	100.000	98.9	
	96 sec-Butylbenzene	105	9.006	9.006	(0.978)	2409385	100.000	96.9	
	97 p-Isopropyltoluene	119	9.089	9.089	(0.987)	1850473	100.000	94.1	
	98 1,3-Dichlorobenzene	146	9.165	9.165	(0.995)	981382	100.000	96.7	
*	99 1,4-DICHLOROBENZENE-D4	152	9.213	9.213	(1.000)	343219	50.0000		
	100 1,4-Dichlorobenzene	146	9.225	9.225	(1.001)	1037284	100.000	97.8	
	102 n-Butylbenzene	91	9.366	9.366	(1.017)	1998104	100.000	94.9	
	103 1,2-Dichlorobenzene	146	9.502	9.502	(1.031)	984505	100.000	97.0	
	104 1,2-Dibromo-3-Chloropropane	157	10.009	10.009	(1.086)	166390	100.000	95.1	
	107 Hexachlorobutadiene	225	10.392	10.392	(1.128)	380994	100.000	102	
	106 1,2,4-Trichlorobenzene	180	10.428	10.428	(1.132)	644050	100.000	97.1	
M	101 TOTAL XYLENE	106				2518909	300.000	301	(A)
	108 Naphthalene	128	10.647	10.647	(1.156)	1516040	100.000	94.7	
	109 1,2,3-Trichlorobenzene	180	10.765	10.765	(1.169)	629077	100.000	95.6	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060618p.s.b/g5217.d

Page 1

Date : 18-JUN-2006 19:46

Client ID: V5STD100PPB

Instrument: msv5.i

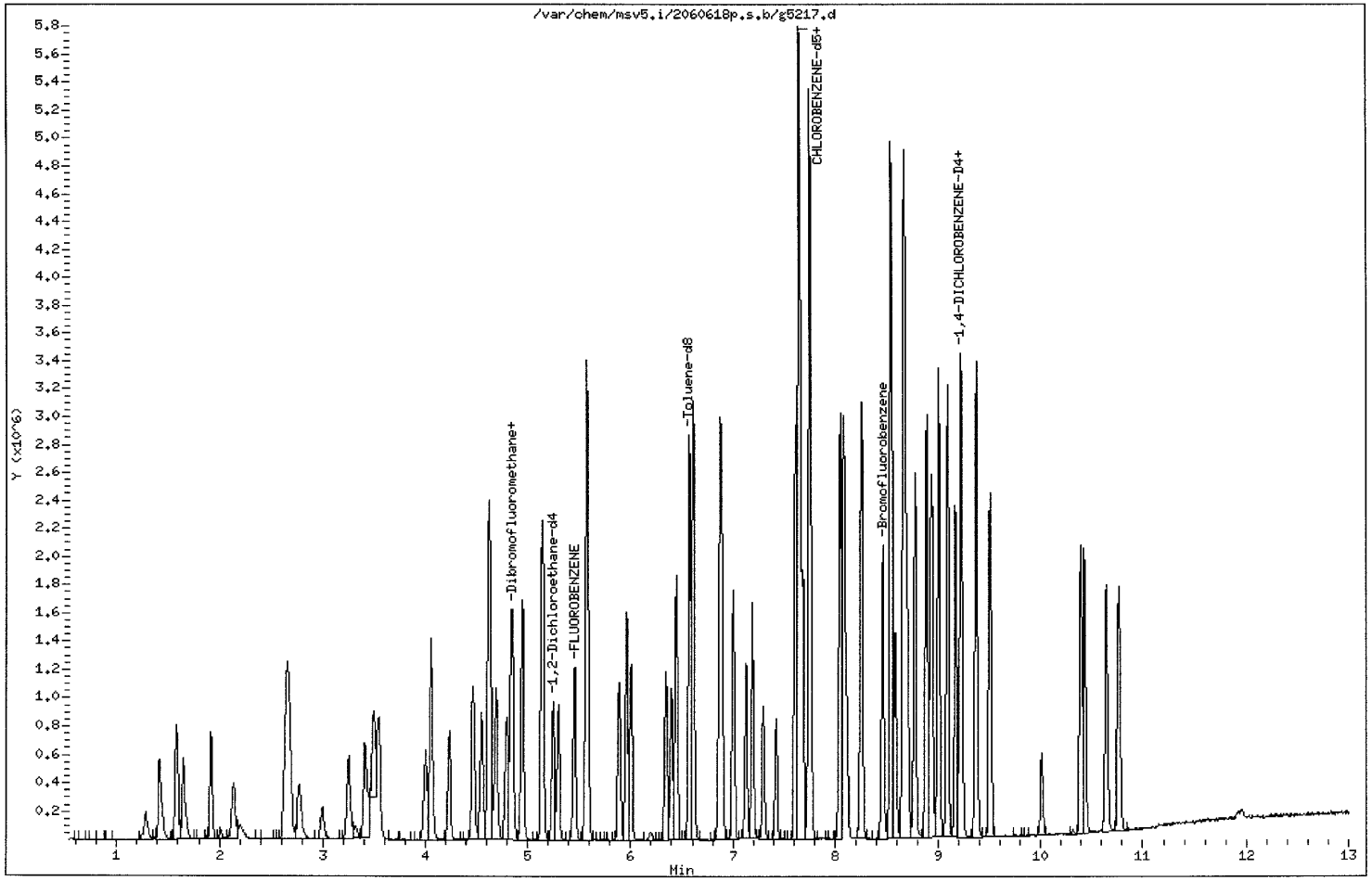
Sample Info: 1204*V5STD100PPB*5-48-9

Purge Volume: 5.0

Operator: JCK

Column phase: DB-VRX-30M

Column diameter: 0.53

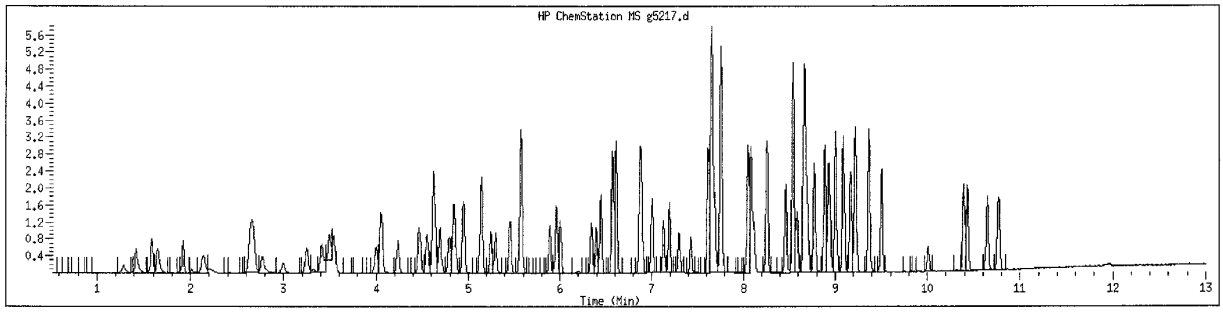


188444

Data file : /var/chem/msv5.i/2060618p.s.b/g5217.d Page: 1
Report Date: 06/20/2006 10:15

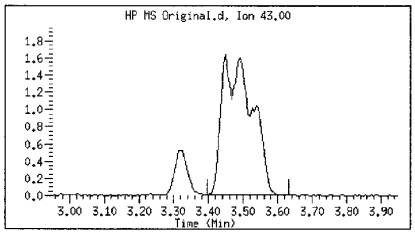
MANUAL INTEGRATION GRAPHIC REPORT

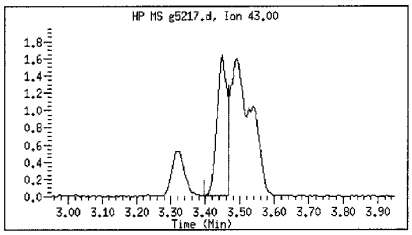
Lab ID	: 1204	SampleType	: CALIB_4
Injection Date	: 18-JUN-2006 19:46	Instrument	: msv5.i
Operator	: JCK		
Sample Info	: 1204*V5STD100PPB*5-48-9		
Misc Info	: MSV~8566~*1*VWM		
Method	: /var/chem/msv5.i/2060618p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist:	8260b



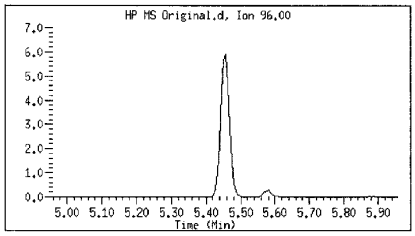
Original Final

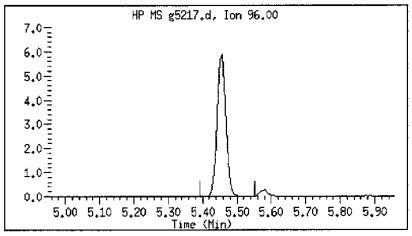
17 Methyl Acetate CAS#: 79-20-9





* 47 FLUOROBENZENE CAS#: 462-06-6





188445

Data file : /var/chem/msv5.i/2060619.s.b/g5227.d
Report Date: 07/24/2006 09:57

GCAL, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: 1600
Level: LOW
Data Type: MS DATA
SpikeList File: ICV.spk
Sublist File: 8260b.sub
Method File: /var/chem/msv5.i/2060619.s.b/8260Bw5.m
Misc Info: MSV~8566~*1*ABD

Client SDG: 2060619.s
Fraction: VOA
Client Smp ID: 8260ICV
Operator: ABD
Sample Type: LCS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
1 Dichlorodifluoromethane	50.0	49.2	98.42	75-125
2 Chloromethane ++	50.0	53.1	106.10	75-125
3 Vinyl Chloride +	50.0	59.9	119.81	75-125
5 Bromomethane	50.0	52.3	104.68	75-125
6 Chloroethane	50.0	80.9	161.78*	75-125
7 Trichlorofluoromethane	50.0	64.9	129.78*	75-125
10 Acrolein	250	159	63.55	60-140
11 1,1,2Trichlotrifluoroethane	50.0	42.0	83.90	75-125
12 1,1-Dichloroethene +	50.0	53.9	107.83	75-125
13 Acetone	50.0	46.2	92.45	60-140
14 Methyl Iodide	50.0	57.8	115.64	75-125
15 Carbon Disulfide	50.0	46.5	92.92	75-125
18 Methylene Chloride	50.0	58.0	115.91	75-125
20 MTBE	50.0	47.2	94.32	75-125
21 trans-1,2-Dichloroethene	50.0	54.3	108.68	75-125
22 Acrylonitrile	250	217	86.73	60-140
27 1,1-Dichloroethane ++	50.0	51.5	103.03	75-125
28 Vinyl Acetate	50.0	44.6	89.28	75-125
30 2,2-Dichloropropane	50.0	51.7	103.32	75-125
31 cis-1,2-Dichloroethene	50.0	49.6	99.23	75-125
32 2-Butanone	50.0	42.9	85.73	60-140
35 Bromochloromethane	50.0	53.6	107.23	75-125
36 Chloroform +	50.0	48.0	96.05	75-125
39 1,1,1-Trichloroethane	50.0	50.6	101.19	75-125
40 Carbon Tetrachloride	50.0	49.5	99.06	75-125
41 1,1-Dichloropropene	50.0	48.8	97.57	75-125
44 Benzene	50.0	48.0	96.07	75-125
46 1,2-Dichloroethane	50.0	47.7	95.33	75-125
49 Trichloroethene	50.0	51.2	102.46	75-125
51 1,2-Dichloropropane +	50.0	52.1	104.11	75-125

188446

Data file : /var/chem/msv5.i/2060619.s.b/g5227.d
Report Date: 07/24/2006 09:57

SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
55	Dibromomethane	50.0	46.0	91.94	75-125
56	Bromodichloromethane	50.0	45.4	90.81	75-125
57	2-Chloroethyl vinyl ether	50.0	83.2	166.45*	75-125
58	cis-1,3-Dichloropropene	50.0	49.1	98.30	75-125
59	4-methyl-2-pentanone	50.0	36.6	73.22	60-140
61	Toluene +	50.0	46.3	92.56	75-125
63	trans-1,3-Dichloropropene	50.0	49.9	99.87	75-125
64	1,1,2-Trichloroethane	50.0	48.7	97.47	75-125
65	Tetrachloroethene	50.0	50.2	100.47	75-125
66	1,3-Dichloropropane	50.0	48.7	97.43	75-125
67	2-Hexanone	50.0	37.3	74.66	60-140
68	Dibromochloromethane	50.0	50.1	100.26	75-125
69	1,2-Dibromoethane(EDB)	50.0	49.5	98.95	75-125
71	Chlorobenzene ++	50.0	51.0	102.03	75-125
72	Ethylbenzene +	50.0	50.9	101.83	75-125
73	1,1,1,2-Tetrachloroethane	50.0	51.4	102.73	75-125
74	p,m-Xylene	100	101	101.05	75-125
75	o-Xylene	50.0	52.8	105.56	75-125
76	Styrene	50.0	49.4	98.71	75-125
77	Bromoform ++	50.0	47.6	95.27	75-125
78	Isopropylbenzene	50.0	49.2	98.41	75-125
81	1,1,2,2-Tetrachloroethane++	50.0	41.6	83.13	75-125
82	Bromobenzene	50.0	46.2	92.33	75-125
84	trans-1,4-Dichloro-2-Butene	50.0	43.1	86.25	75-125
85	n-Propylbenzene	50.0	47.2	94.38	75-125
86	1,2,3-Trichloropropane	50.0	42.4	84.78	75-125
87	2-Chlorotoluene	50.0	47.1	94.29	75-125
88	1,3,5-Trimethylbenzene	50.0	48.8	97.60	75-125
89	4-Chlorotoluene	50.0	46.6	93.21	75-125
91	tert-butylbenzene	50.0	45.3	90.65	75-125
92	1,2,4-Trimethylbenzene	50.0	47.3	94.53	75-125
96	sec-Butylbenzene	50.0	47.4	94.82	75-125
97	p-Isopropyltoluene	50.0	47.2	94.43	75-125
98	1,3-Dichlorobenzene	50.0	49.5	99.08	75-125
100	1,4-Dichlorobenzene	50.0	48.6	97.13	75-125
102	n-Butylbenzene	50.0	46.2	92.30	75-125
103	1,2-Dichlorobenzene	50.0	47.7	95.33	75-125
104	1,2-Dibromo-3-Chloropropane	50.0	38.4	76.86	60-140
106	1,2,4-Trichlorobenzene	50.0	45.4	90.80	75-125
107	Hexachlorobutadiene	50.0	50.2	100.45	75-125
108	Naphthalene	50.0	35.8	71.59*	75-125
109	1,2,3-Trichlorobenzene	50.0	41.6	83.14	75-125

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Data file : /var/chem/msv5.i/2060619.s.b/g5227.d
Report Date: 07/24/2006 09:57

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 38 Dibromofluoromethane	50.0	55.6	111.27	0-127
$ 45 1,2-Dichloroethane-d4	50.0	53.9	107.78	0-127
$ 60 Toluene-d8	50.0	57.1	114.14	0-134
$ 80 Bromofluorobenzene	50.0	58.5	116.94	0-130

188448

GCAL, Inc.

Data file : /var/chem/msv5.i/2060619.s.b/g5227.d
Lab Smp Id: 1600 Client Smp ID: 8260ICV
Inj Date : 19-JUN-2006 09:23
Operator : ABD Inst ID: msv5.i
Smp Info : 1600*8260ICV
Misc Info : MSV~8566~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060619.s.b/8260Bw5.m
Meth Date : 24-Jul-2006 09:57 rbm Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
1 Dichlorodifluoromethane	85	1.420	1.420	(0.260)	373196	49.2111	49.2	
2 Chloromethane ++	50	1.584	1.584	(0.291)	524253	53.0507	53.1	
3 Vinyl Chloride +	62	1.648	1.654	(0.302)	392509	59.9028	59.9	
5 Bromomethane	94	1.918	1.924	(0.352)	190004	52.3390	52.3	
M 139 1-3 Dichloropropene-Total	100				934518	96.8593	96.9	0
6 Chloroethane	64	2.023	2.017	(0.371)	51816	80.8913	80.9	(R)
7 Trichlorofluoromethane	101	2.146	2.146	(0.394)	344823	64.8901	64.9	(R)
12 1,1-Dichloroethene +	96	2.633	2.639	(0.483)	149470	53.9155	53.9	
15 Carbon Disulfide	76	2.656	2.662	(0.487)	649994	46.4612	46.5	
11 1,1,2Trichlotrifluoroethane	101	2.674	2.680	(0.491)	168218	41.9501	42.0	
14 Methyl Iodide	142	2.774	2.774	(0.509)	353445	57.8185	57.8	
10 Acrolein	56	2.991	2.997	(0.549)	88059	158.872	159	
18 Methylene Chloride	49	3.249	3.249	(0.596)	339338	57.9536	58.0	
21 trans-1,2-Dichloroethene	61	3.401	3.407	(0.624)	266674	54.3406	54.3	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
	13 Acetone	43	3.319	3.314	(0.609)	67281	46.2260	46.2	
	17 Methyl Acetate	43	3.443	3.443	(0.632)	197485	49.8806	49.9	9511
	24 Hexane	57	3.490	3.490	(0.640)	407635	49.9394	49.9	8854
	20 MTBE	73	3.537	3.543	(0.649)	529274	47.1614	47.2	6938
	27 1,1-Dichloroethane ++	63	3.999	4.000	(0.734)	435911	51.5144	51.5	
	22 Acrylonitrile	53	4.046	4.052	(0.743)	542401	216.817	217	(A)
	28 Vinyl Acetate	43	4.228	4.234	(0.776)	554723	44.6376	44.6	
	31 cis-1,2-Dichloroethene	61	4.462	4.463	(0.819)	368022	49.6134	49.6	
	30 2,2-Dichloropropane	77	4.551	4.551	(0.835)	342037	51.6600	51.7	
	37 Cyclohexane	56	4.621	4.621	(0.848)	457058	50.2129	50.2	6241
	35 Bromochloromethane	128	4.627	4.633	(0.849)	141325	53.6171	53.6	
	36 Chloroform +	83	4.686	4.692	(0.860)	431825	48.0267	48.0	
	40 Carbon Tetrachloride	117	4.792	4.792	(0.879)	301930	49.5280	49.5	
$	38 Dibromofluoromethane	111	4.833	4.833	(0.887)	333065	55.6341	55.6	4237
	39 1,1,1-Trichloroethane	97	4.845	4.851	(0.889)	330217	50.5970	50.6	
	41 1,1-Dichloropropene	75	4.945	4.945	(0.907)	356504	48.7870	48.8	
	32 2-Butanone	43	4.945	4.939	(0.907)	162917	42.8667	42.9	
	44 Benzene	78	5.138	5.139	(0.943)	980449	48.0359	48.0	
$	45 1,2-Dichloroethane-d4	67	5.238	5.244	(0.961)	181372	53.8893	53.9	
	46 1,2-Dichloroethane	62	5.297	5.297	(0.972)	333831	47.6632	47.7	
*	47 FLUOROBENZENE	96	5.449	5.450	(1.000)	1088361	50.0000		
	50 Methyl Cyclohexane	83	5.567	5.567	(1.022)	450146	50.6774	50.7	9074
	49 Trichloroethene	130	5.573	5.573	(1.023)	261152	51.2313	51.2	
	55 Dibromomethane	93	5.884	5.884	(1.080)	209322	45.9681	46.0	
	51 1,2-Dichloropropane +	63	5.954	5.954	(1.093)	313600	52.0573	52.1	
	56 Bromodichloromethane	83	5.996	5.996	(1.100)	359233	45.4069	45.4	
M	42 Total 1,2-Dichloroethene	61				634696	102.991	103	
	140 1-Bromo-2-chloroethane	63	6.336	6.342	(1.163)	469282	45.9012	45.9	7208(M)
	57 2-Chloroethyl vinyl ether	63	6.395	6.395	(1.173)	344865	83.2274	83.2	(R)
	58 cis-1,3-Dichloropropene	75	6.442	6.442	(1.182)	493640	49.1479	49.1	
$	60 Toluene-d8	98	6.571	6.571	(0.861)	1054863	57.0691	57.1	
	61 Toluene +	91	6.606	6.606	(0.865)	1111565	46.2797	46.3	
	59 4-methyl-2-pentanone	43	6.859	6.859	(1.259)	324231	36.6113	36.6	
	65 Tetrachloroethene	164	6.870	6.870	(0.900)	213802	50.2340	50.2	
	63 trans-1,3-Dichloropropene	75	6.888	6.888	(0.902)	440878	49.9374	49.9	
	64 1,1,2-Trichloroethane	97	7.000	7.000	(0.917)	267039	48.7356	48.7	
	68 Dibromochloromethane	129	7.123	7.123	(0.933)	319201	50.1288	50.1	
	66 1,3-Dichloropropane	76	7.188	7.188	(0.942)	456598	48.7155	48.7	
	69 1,2-Dibromoethane(EDB)	107	7.294	7.294	(0.955)	314976	49.4738	49.5	
	67 2-Hexanone	43	7.423	7.423	(0.972)	232750	37.3288	37.3	
	154 1-Chlorohexane	91	7.652	7.611	(1.002)	1265914	137.458	137	3092
*	70 CHLOROBENZENE-d5	82	7.634	7.635	(1.000)	454306	50.0000		
	71 Chlorobenzene ++	112	7.646	7.646	(1.002)	714323	51.0129	51.0	
	72 Ethylbenzene +	106	7.652	7.652	(1.002)	384564	50.9138	50.9	
	73 1,1,1,2-Tetrachloroethane	133	7.682	7.688	(1.006)	249246	51.3649	51.4	
	74 p,m-Xylene	106	7.747	7.753	(1.015)	885932	101.045	101	
	75 o-Xylene	106	8.046	8.046	(1.054)	464884	52.7812	52.8	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
	76 Styrene	104	8.082	8.082	(1.059)	798561	49.3527	49.4	
	77 Bromoform ++	173	8.111	8.111	(1.062)	225769	47.6343	47.6	
	78 Isopropylbenzene	105	8.252	8.253	(1.081)	1100660	49.2050	49.2	
$	80 Bromofluorobenzene	174	8.458	8.458	(1.108)	348342	58.4725	58.5	
	85 n-Propylbenzene	91	8.535	8.535	(0.927)	1410843	47.1909	47.2	
	82 Bromobenzene	77	8.541	8.541	(0.928)	545020	46.1659	46.2	
	81 1,1,2,2-Tetrachloroethane++	83	8.582	8.583	(0.932)	381636	41.5663	41.6	
	87 2-Chlorotoluene	91	8.659	8.660	(0.940)	928189	47.1457	47.1	
	88 1,3,5-Trimethylbenzene	105	8.665	8.660	(0.941)	925266	48.8017	48.8	
	86 1,2,3-Trichloropropane	75	8.689	8.689	(0.944)	425033	42.3887	42.4	
	84 trans-1,4-Dichloro-2-Butene	53	8.700	8.701	(0.945)	81648	43.1249	43.1	
	89 4-Chlorotoluene	91	8.771	8.766	(0.953)	847092	46.6056	46.6	
	91 tert-butylbenzene	91	8.883	8.884	(0.965)	540303	45.3229	45.3	
	92 1,2,4-Trimethylbenzene	105	8.931	8.925	(0.970)	920150	47.2646	47.3	
	96 sec-Butylbenzene	105	9.001	9.002	(0.978)	1288323	47.4113	47.4	
	97 p-Isopropyltoluene	119	9.084	9.085	(0.986)	1014598	47.2152	47.2	
	98 1,3-Dichlorobenzene	146	9.161	9.162	(0.995)	549292	49.5395	49.5	
*	99 1,4-DICHLOROBENZENE-D4	152	9.208	9.209	(1.000)	375059	50.0000		
	100 1,4-Dichlorobenzene	146	9.220	9.221	(1.001)	562945	48.5664	48.6	
	102 n-Butylbenzene	91	9.362	9.357	(1.017)	1062310	46.1504	46.2	
	103 1,2-Dichlorobenzene	146	9.497	9.498	(1.031)	528794	47.6674	47.7	
	104 1,2-Dibromo-3-Chloropropane	157	10.003	9.999	(1.086)	73456	38.4287	38.4	
	107 Hexachlorobutadiene	225	10.386	10.383	(1.128)	204983	50.2252	50.2	
	106 1,2,4-Trichlorobenzene	180	10.422	10.419	(1.132)	329202	45.3983	45.4	
M	101 TOTAL XYLENE	106				1350816	153.833	154	
	108 Naphthalene	128	10.635	10.638	(1.155)	626486	35.7958	35.8	(R)
	109 1,2,3-Trichlorobenzene	180	10.759	10.756	(1.168)	298905	41.5716	41.6	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /var/chem/msv5.i/2060619.s.b/g5227.d

Date : 19-JUN-2006 09:23

Client ID: 8260ICV

Sample Info: 1600*8260ICV

Purge Volume: 5.0

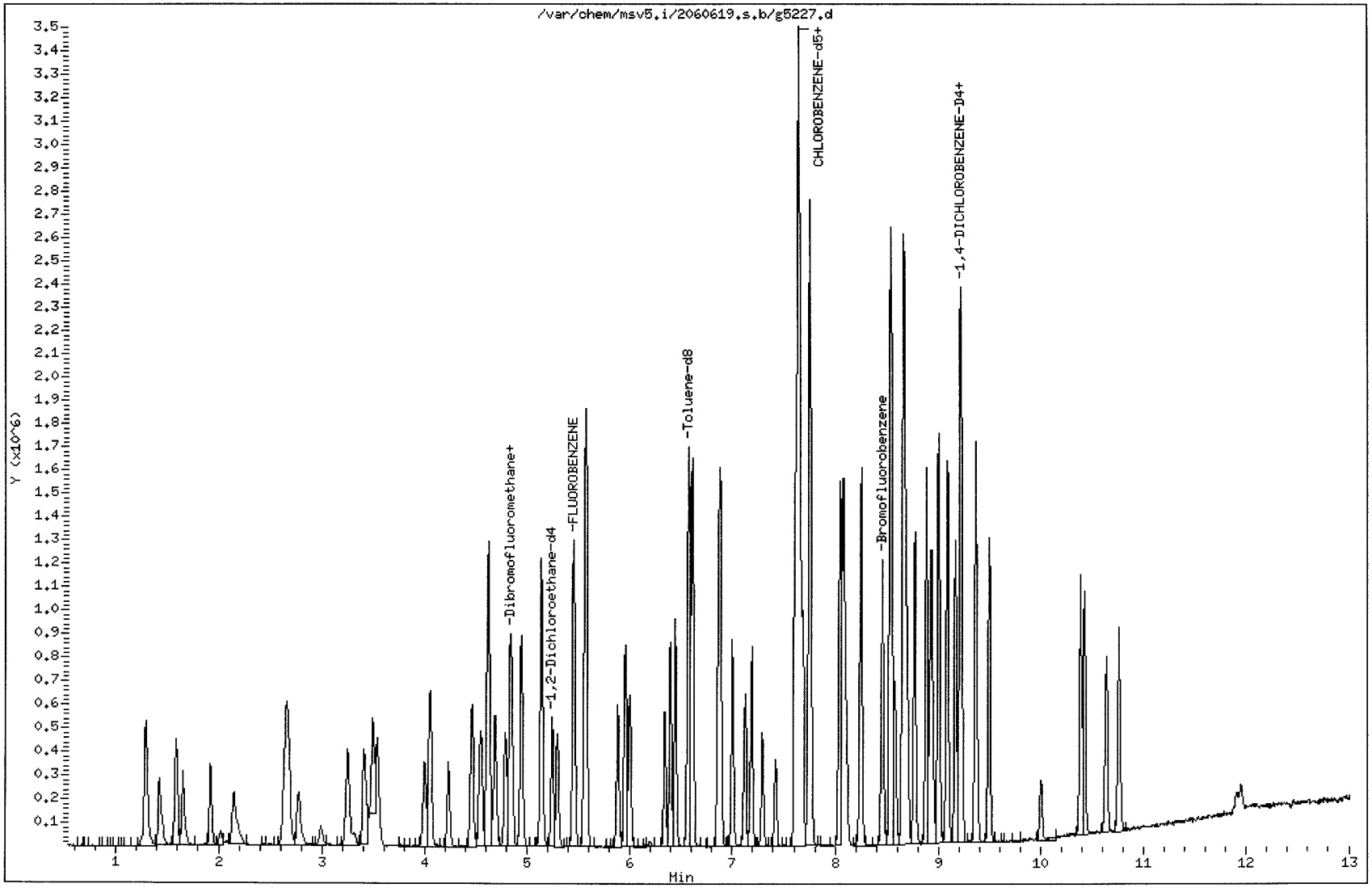
Column phase: DB-VRX-30M

Instrument: msv5.i

Operator: ABD

Column diameter: 0.53

000480

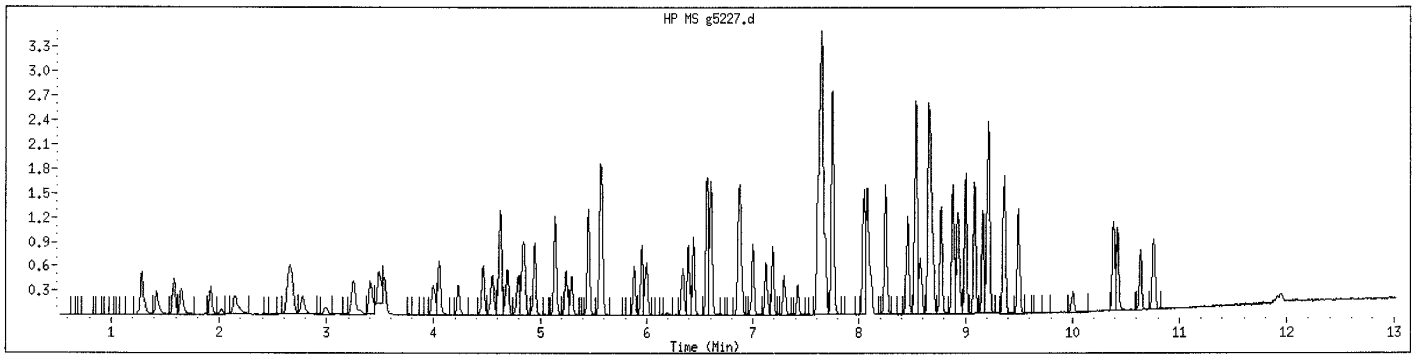


188452

Data file : /var/chem/msv5.i/2060619.s.b/g5227.d Page: 1
Report Date: 07/24/2006 09:57

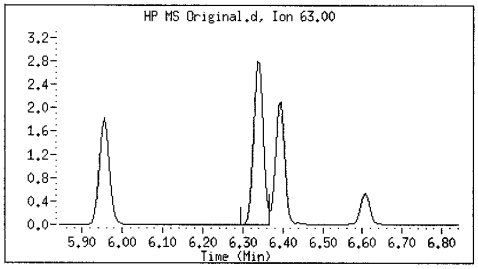
MANUAL INTEGRATION GRAPHIC REPORT

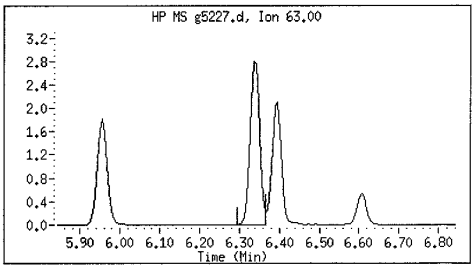
Lab ID	: 1600	SampleType	: LCS
Injection Date	: 19-JUN-2006 09:23	Instrument	: msv5.i
Operator	: ABD		
Sample Info	: 1600*8260ICV		
Misc Info	: MSV~8566~*1*ABD		
Method	: /var/chem/msv5.i/2060619.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



Original Final

140 1-Bromo-2-chloroethane CAS#: 107-04-0





188453

Data File: /var/chem/msv5.i/2060721q.s.b/g6350.d
Report Date: 22-Jul-2006 05:56

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i
Lab File ID: g6350.d
Analysis Type: WATER
Lab Sample ID: 1400
Method: /var/chem/msv5.i/2060721q.s.b/8260Bw5.m

Injection Date: 21-JUL-2006 22:21
Init. Cal. Date(s): 14-JUN-2006 18-JUN-2006
Init. Cal. Times: 07:30 19:46
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Dichlorodifluoromethane	0.34839	0.31475	0.31475	0.000	-9.65730	30.00000	Averaged
2 Chloromethane ++	0.45399	0.39542	0.39542	0.100	-12.90101	30.00000	Averaged
3 Vinyl Chloride +	0.30102	0.32531	0.32531	0.000	8.06720	20.00000	Averaged
5 Bromomethane	0.16678	0.18185	0.18185	0.000	9.03881	30.00000	Averaged
M 6 1-3 Dichloropropene-Total	0.44324	0.44028	0.44028	0.050	-0.66970	30.00000	Averaged
8 Chloroethane	184	50.00000	0.10818	0.050	268	0.000e+00	Linear <-
9 Trichlorofluoromethane	0.24413	0.30200	0.30200	0.000	23.70702	30.00000	Averaged
11 1,1-Dichloroethene +	0.12816	0.13536	0.13536	0.000	5.61997	20.00000	Averaged
12 Carbon Disulfide	0.64271	0.65242	0.65242	0.000	1.51085	30.00000	Averaged
13 1,1,2Trichlotrifluoroethane	0.18422	0.19514	0.19514	0.000	5.92719	30.00000	Averaged
14 Methyl Iodide	0.28084	0.37750	0.37750	0.000	34.41908	30.00000	Averaged <
15 Acrolein	0.02546	0.01665	0.01665	0.000	-34.63170	30.00000	Averaged <-
17 Methylene Chloride	0.26900	0.26537	0.26537	0.000	-1.34957	30.00000	Averaged
18 Acetone	44.17695	50.00000	0.05927	0.000	-11.64611	0.000e+00	Linear <-
19 trans-1,2-Dichloroethene	0.22545	0.24912	0.24912	0.000	10.49843	30.00000	Averaged
20 Methyl Acetate	0.18189	0.13437	0.13437	0.050	-26.12563	30.00000	Averaged
21 Hexane	0.37499	0.35384	0.35384	0.050	-5.64177	30.00000	Averaged
22 MTBE	0.51557	0.41315	0.41315	0.000	-19.86580	30.00000	Averaged
27 1,1-Dichloroethane ++	0.38875	0.40529	0.40529	0.100	4.25456	30.00000	Averaged
29 Acrylonitrile	0.11493	0.08819	0.08819	0.000	-23.26651	30.00000	Averaged
30 Vinyl Acetate	0.57092	0.46477	0.46477	0.000	-18.59165	30.00000	Averaged
31 cis-1,2-Dichloroethene	0.34078	0.34312	0.34312	0.000	0.68618	30.00000	Averaged
32 2,2-Dichloropropane	0.30417	0.29982	0.29982	0.000	-1.43013	30.00000	Averaged
33 Bromochloromethane	0.12109	0.12883	0.12883	0.000	6.39149	30.00000	Averaged
34 Cyclohexane	0.41817	0.39899	0.39899	0.000	-4.58597	30.00000	Averaged
35 Chloroform +	0.41307	0.40746	0.40746	0.000	-1.35829	20.00000	Averaged
36 Carbon Tetrachloride	0.28006	0.30914	0.30914	0.000	10.38457	30.00000	Averaged
S 39 Dibromofluoromethane	0.27503	0.31825	0.31825	0.000	15.71203	30.00000	Averaged
40 1,1,1-Trichloroethane	0.29983	0.30229	0.30229	0.000	0.82047	30.00000	Averaged
42 2-Butanone	0.17460	0.12660	0.12660	0.000	-27.48965	30.00000	Averaged
43 1,1-Dichloropropene	0.33570	0.31807	0.31807	0.000	-5.25310	30.00000	Averaged
45 Benzene	0.93768	0.93458	0.93458	0.000	-0.33101	30.00000	Averaged
S 48 1,2-Dichloroethane-d4	0.15462	0.16154	0.16154	0.000	4.47875	30.00000	Averaged
49 1,2-Dichloroethane	0.32211	0.31110	0.31110	0.000	-3.42110	30.00000	Averaged
53 Methyl Cyclohexane	0.40807	0.40275	0.40275	0.050	-1.30452	30.00000	Averaged

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i
Lab File ID: g6350.d
Analysis Type: WATER
Lab Sample ID: 1400
Method: /var/chem/msv5.i/2060721q.s.b/8260Bw5.m

Injection Date: 21-JUL-2006 22:21
Init. Cal. Date(s): 14-JUN-2006 18-JUN-2006
Init. Cal. Times: 07:30 19:46
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
54 Trichloroethene	0.23418	0.24556	0.24556	0.000	4.85931	30.00000	Averaged
57 Dibromomethane	0.20920	0.18747	0.18747	0.000	-10.38466	30.00000	Averaged
59 1,2-Dichloropropane +	0.27675	0.28372	0.28372	0.000	2.51706	20.00000	Averaged
60 Bromodichloromethane	0.36346	0.35327	0.35327	0.000	-2.80334	30.00000	Averaged
M 61 Total 1,2-Dichloroethene	0.28311	0.29612	0.29612	0.000	4.59305	30.00000	Averaged
64 1-Bromo-2-chloroethane	0.46969	0.43831	0.43831	0.050	-6.68088	30.00000	Averaged
65 2-Chloroethyl vinyl ether	0.19036	0.20656	0.20656	0.000	8.50752	30.00000	Averaged
66 cis-1,3-Dichloropropene	0.46143	0.46657	0.46657	0.000	1.11452	30.00000	Averaged
S 67 Toluene-d8	2.03431	2.25810	2.25810	0.000	11.00109	30.00000	Averaged
69 Toluene +	2.64342	2.32787	2.32787	0.000	-11.93693	20.00000	Averaged
71 4-methyl-2-pentanone	0.40685	0.27166	0.27166	0.000	-33.22900	30.00000	Averaged <-
72 Tetrachloroethene	0.46842	0.45790	0.45790	0.000	-2.24663	30.00000	Averaged
73 trans-1,3-Dichloropropene	0.97166	0.91760	0.91760	0.000	-5.56375	30.00000	Averaged
75 1,1,2-Trichloroethane	0.60305	0.54462	0.54462	0.000	-9.68840	30.00000	Averaged
76 Dibromochloromethane	0.70081	0.64526	0.64526	0.000	-7.92556	30.00000	Averaged
77 1,3-Dichloropropane	1.03155	0.96130	0.96130	0.000	-6.80980	30.00000	Averaged
79 1,2-Dibromoethane(EDB)	0.70069	0.61237	0.61237	0.000	-12.60436	30.00000	Averaged
80 2-Hexanone	0.68623	0.43605	0.43605	0.000	-36.45645	30.00000	Averaged <-
82 1-Chlorohexane	1.01358	0.93800	0.93800	0.050	-7.45681	30.00000	Averaged
84 Chlorobenzene ++	1.54112	1.55188	1.55188	0.300	0.69857	30.00000	Averaged
85 Ethylbenzene +	0.83129	0.80555	0.80555	0.000	-3.09639	20.00000	Averaged
86 1,1,1,2-Tetrachloroethane	0.53405	0.52920	0.52920	0.000	-0.90880	30.00000	Averaged
87 p,m-Xylene	0.96495	0.97545	0.97545	0.000	1.08725	30.00000	Averaged
89 o-Xylene	0.96936	1.02409	1.02409	0.000	5.64564	30.00000	Averaged
90 Styrene	1.78081	1.81259	1.81259	0.000	1.78444	30.00000	Averaged
91 Bromoform ++	0.52163	0.44434	0.44434	0.100	-14.81808	30.00000	Averaged
93 Isopropylbenzene	2.46187	2.42349	2.42349	0.000	-1.55888	30.00000	Averaged
$ 94 Bromofluorobenzene	0.65566	0.74745	0.74745	0.000	14.00083	30.00000	Averaged
95 n-Propylbenzene	3.98558	3.67263	3.67263	0.000	-7.85202	30.00000	Averaged
96 Bromobenzene	1.57384	1.40479	1.40479	0.000	-10.74124	30.00000	Averaged
97 1,1,2,2-Tetrachloroethane++	1.22399	0.83448	0.83448	0.300	-31.82318	30.00000	Averaged <-
98 2-Chlorotoluene	2.62461	2.39039	2.39039	0.000	-8.92422	30.00000	Averaged
99 1,3,5-Trimethylbenzene	2.52756	2.39020	2.39020	0.000	-5.43446	30.00000	Averaged
100 1,2,3-Trichloropropane	1.33673	0.94246	0.94246	0.000	-29.49513	30.00000	Averaged
101 trans-1,4-Dichloro-2-Butene	0.25240	0.17212	0.17212	0.000	-31.80737	30.00000	Averaged <-

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i Injection Date: 21-JUL-2006 22:21
Lab File ID: g6350.d Init. Cal. Date(s): 14-JUN-2006 18-JUN-2006
Analysis Type: WATER Init. Cal. Times: 07:30 19:46
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/msv5.i/2060721q.s.b/8260Bw5.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
103 4-Chlorotoluene	2.42305	2.25477	2.25477	0.000	-6.94491	30.00000	Averaged	
104 tert-butylbenzene	1.58924	1.39225	1.39225	0.000	-12.39562	30.00000	Averaged	
106 1,2,4-Trimethylbenzene	2.59533	2.52802	2.52802	0.000	-2.59359	30.00000	Averaged	
107 sec-Butylbenzene	3.62254	3.35027	3.35027	0.000	-7.51596	30.00000	Averaged	
108 p-Isopropyltoluene	2.86472	2.70665	2.70665	0.000	-5.51795	30.00000	Averaged	
110 1,3-Dichlorobenzene	1.47816	1.46544	1.46544	0.000	-0.86067	30.00000	Averaged	
112 1,4-Dichlorobenzene	1.54525	1.53239	1.53239	0.000	-0.83232	30.00000	Averaged	
115 n-Butylbenzene	3.06864	2.86113	2.86113	0.000	-6.76211	30.00000	Averaged	
116 1,2-Dichlorobenzene	1.47889	1.43402	1.43402	0.000	-3.03368	30.00000	Averaged	
120 1,2-Dibromo-3-Chloropropane	0.25482	0.16254	0.16254	0.000	-36.21421	30.00000	Averaged	<-
122 Hexachlorobutadiene	0.54408	0.51164	0.51164	0.000	-5.96342	30.00000	Averaged	
123 1,2,4-Trichlorobenzene	0.96670	1.00545	1.00545	0.000	4.00773	30.00000	Averaged	
M 124 TOTAL XYLENE	0.96642	0.99166	0.99166	0.000	2.61134	30.00000	Averaged	
125 Naphthalene	2.33319	2.17748	2.17748	0.000	-6.67355	30.00000	Averaged	
126 1,2,3-Trichlorobenzene	0.95853	0.92658	0.92658	0.000	-3.33358	30.00000	Averaged	

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6349.d
Lab Smp Id: 1000 Client Smp ID: V5BFB01
Inj Date : 21-JUL-2006 21:46
Operator : RSS Inst ID: msv5.i
Smp Info : 1000*V5BFB01
Misc Info : MSV~8724~*1*RSS
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/bfb1.m
Meth Date : 05-Jun-2006 07:35 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.437	8.600	(0.000)	95	47280			100.00- 100.00	100.00
8.437	8.600	(0.000)	50	7975			15.00- 40.00	16.87
8.437	8.600	(0.000)	75	20394			30.00- 60.00	43.13
8.437	8.600	(0.000)	96	3369			5.00- 9.00	7.13
8.437	8.600	(0.000)	173	0			0.00- 2.00	0.00
8.437	8.600	(0.000)	174	36906			50.00- 120.00	78.06
8.437	8.600	(0.000)	175	2170			5.00- 9.00	5.88
8.437	8.600	(0.000)	176	37042			95.00- 101.00	100.37
8.437	8.600	(0.000)	177	2087			5.00- 9.00	5.63

Data File: /var/chem/msv5.i/2060721q.s.b/g6349.d

Date : 21-JUL-2006 21:46

Client ID: V5BFB01

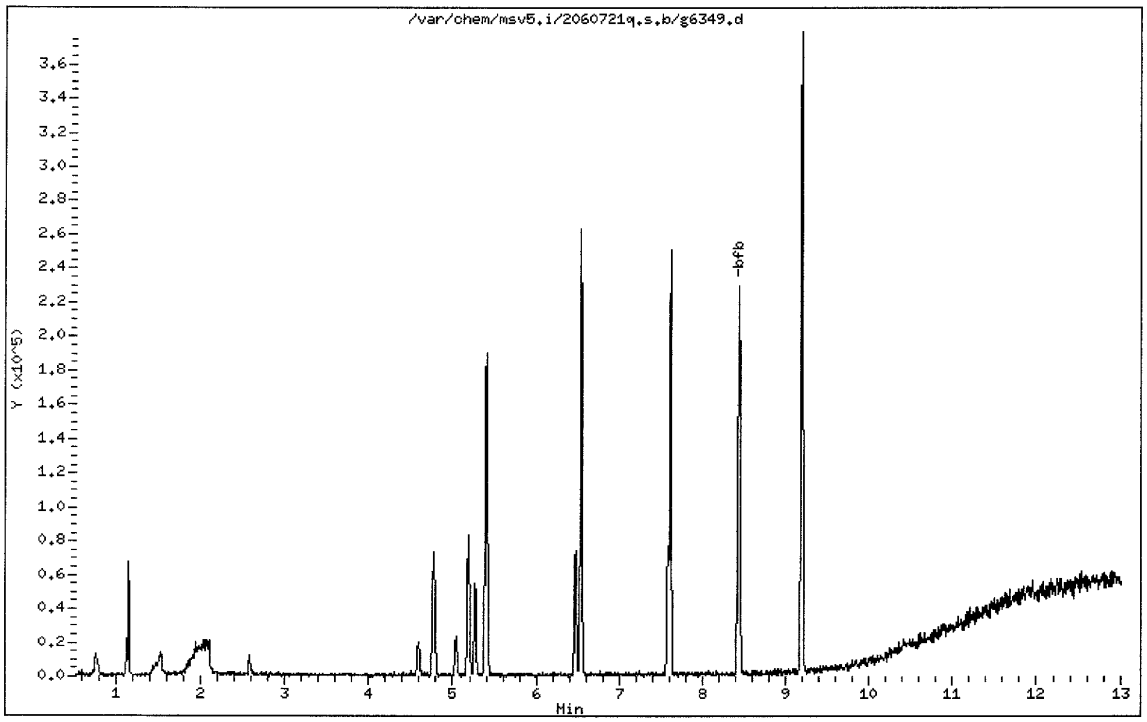
Instrument: msv5.i

Sample Info: 1000MV5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



188458

Data File: /var/chem/msv5.i/2060721q.s.b/g6349.d

Date : 21-JUL-2006 21:46

Client ID: V5BFB01

Instrument: msv5.i

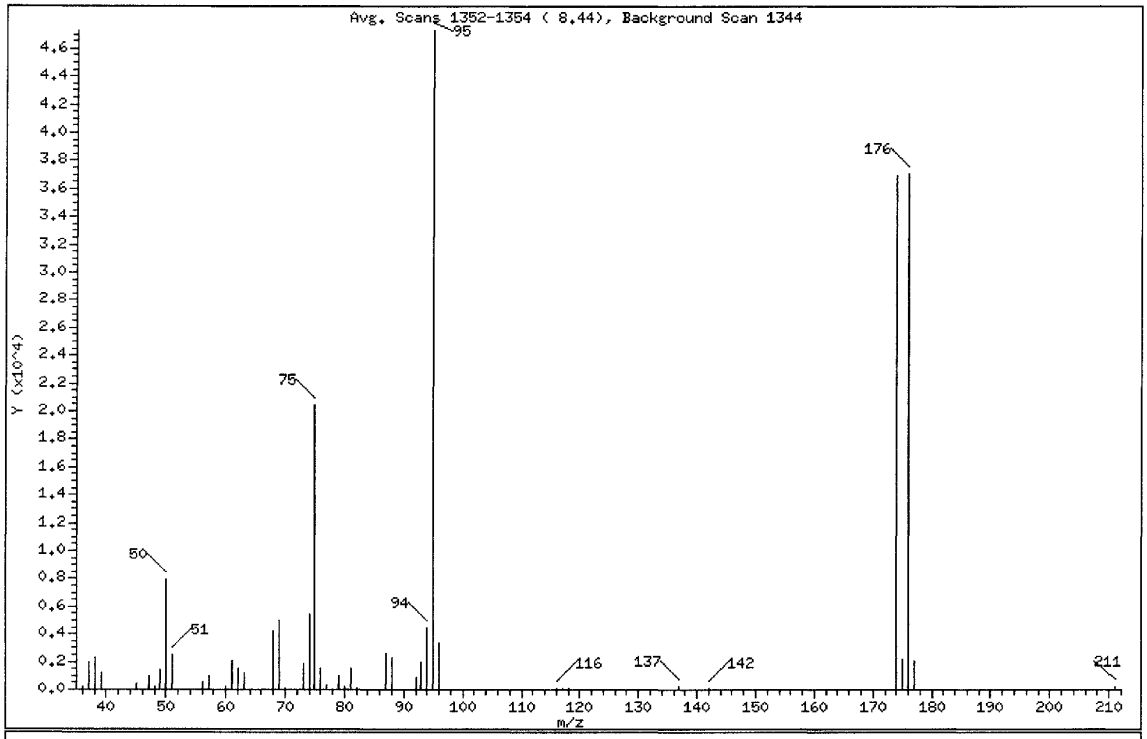
Sample Info: 1000*V5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.87
75	30.00 - 60.00% of mass 95	43.13
96	5.00 - 9.00% of mass 95	7.13
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	78.06
175	5.00 - 9.00% of mass 174	4.59 (5.88)
176	95.00 - 101.00% of mass 174	78.35 (100.37)
177	5.00 - 9.00% of mass 176	4.41 (5.63)

Data File: /var/chem/msv5.i/20060721q.s.b/g6349.d

Date : 21-JUL-2006 21:46

Client ID: V5BFB01 Instrument: msv5.i

Sample Info: 1000xV5BFB01

Operator: RSS

Column phase: DB-624-30M Column diameter: 0.53

Data File: g6349.d
Spectrum: Avg. Scans 1352-1354 (8.44), Background Scan 1344
Location of Maximum: 95.00
Number of points: 45

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	230	60.00	164	79.00	1004	117.00	142
37.00	1904	61.00	2112	80.00	178	118.00	135
38.00	2244	62.00	1548	81.00	1478	137.00	270
39.00	1209	63.00	1227	82.00	135	142.00	148
45.00	390	68.00	4248	87.00	2616	174.00	36904
47.00	937	69.00	4949	88.00	2335	175.00	2170
48.00	169	70.00	148	92.00	918	176.00	37040
49.00	1455	73.00	1872	93.00	1933	177.00	2087
50.00	7975	74.00	5442	94.00	4429	211.00	230
51.00	2452	75.00	20392	95.00	47280		
56.00	566	76.00	1476	96.00	3369		
57.00	937	77.00	327	116.00	149		

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6350.d
Lab Smp Id: 1400 Client Smp ID: V5STD050
Inj Date : 21-JUL-2006 22:21
Operator : RSS Inst ID: msv5.i
Smp Info : 1400*V5STD050*5-50-8
Misc Info : MSV~8724~*1*RSS
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Meth Date : 22-Jul-2006 05:56 kcb Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 7 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	1 Dichlorodifluoromethane	85	1.425	1.425	(0.262)	276351	50.0000	45.2	
	2 Chloromethane ++	50	1.583	1.583	(0.291)	347182	50.0000	43.5	
	3 Vinyl Chloride +	62	1.653	1.653	(0.304)	285621	50.0000	54.0	
	5 Bromomethane	94	1.922	1.922	(0.353)	159666	50.0000	54.5	
M	6 1-3 Dichloropropene-Total	100				773129	100.000	99.3	0
	8 Chloroethane	64	2.022	2.022	(0.371)	94985	50.0000	184	
	9 Trichlorofluoromethane	101	2.162	2.162	(0.397)	265159	50.0000	61.9	
	11 1,1-Dichloroethene +	96	2.642	2.642	(0.485)	118849	50.0000	52.8	
	12 Carbon Disulfide	76	2.654	2.654	(0.488)	572829	50.0000	50.8	
	13 1,1,2Trichlotrifluoroethane	101	2.683	2.683	(0.493)	171333	50.0000	53.0	
	14 Methyl Iodide	142	2.777	2.777	(0.510)	331444	50.0000	67.2	
	15 Acrolein	56	2.988	2.988	(0.549)	73073	250.000	163	
	17 Methylene Chloride	49	3.239	3.239	(0.595)	232994	50.0000	49.3	
	18 Acetone	43	3.298	3.298	(0.606)	52042	50.0000	44.2	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	19 trans-1,2-Dichloroethene	61	3.409	3.409	(0.626)	218729	50.0000	55.2	
	20 Methyl Acetate	43	3.439	3.439	(0.632)	117975	50.0000	36.9	9522
	21 Hexane	57	3.497	3.497	(0.643)	310672	50.0000	47.2	8786
	22 MTBE	73	3.527	3.527	(0.648)	362749	50.0000	40.1	6879
	27 1,1-Dichloroethane ++	63	3.995	3.995	(0.734)	355843	50.0000	52.1	
	29 Acrylonitrile	53	4.042	4.042	(0.743)	387147	250.000	192	
	30 Vinyl Acetate	43	4.223	4.223	(0.776)	408073	50.0000	40.7	
	31 cis-1,2-Dichloroethene	61	4.457	4.457	(0.819)	301258	50.0000	50.3	
	32 2,2-Dichloropropane	77	4.545	4.545	(0.835)	263243	50.0000	49.3	
	33 Bromochloromethane	128	4.622	4.622	(0.849)	113114	50.0000	53.2	
	34 Cyclohexane	56	4.622	4.622	(0.849)	350318	50.0000	47.7	6283
	35 Chloroform +	83	4.687	4.687	(0.861)	357750	50.0000	49.3	
	36 Carbon Tetrachloride	117	4.786	4.786	(0.879)	271430	50.0000	55.2	
$	39 Dibromofluoromethane	111	4.827	4.827	(0.887)	279422	50.0000	57.9	4070
	40 1,1,1-Trichloroethane	97	4.845	4.845	(0.890)	265410	50.0000	50.4	
	42 2-Butanone	43	4.927	4.927	(0.905)	111158	50.0000	36.3	
	43 1,1-Dichloropropene	75	4.945	4.945	(0.908)	279267	50.0000	47.4	
	45 Benzene	78	5.132	5.132	(0.943)	820565	50.0000	49.8	
$	48 1,2-Dichloroethane-d4	67	5.238	5.238	(0.962)	141837	50.0000	52.2	
	49 1,2-Dichloroethane	62	5.285	5.285	(0.971)	273143	50.0000	48.3	
*	52 FLUOROBENZENE	96	5.443	5.443	(1.000)	878005	50.0000		
	53 Methyl Cyclohexane	83	5.566	5.566	(1.023)	353615	50.0000	49.3	9006
	54 Trichloroethene	130	5.572	5.572	(1.024)	215605	50.0000	52.4	
	57 Dibromomethane	93	5.877	5.877	(1.080)	164602	50.0000	44.8	
	59 1,2-Dichloropropane +	63	5.947	5.947	(1.093)	249106	50.0000	51.3	
	60 Bromodichloromethane	83	5.994	5.994	(1.101)	310170	50.0000	48.6	
M	61 Total 1,2-Dichloroethene	61				519987	100.000	106	
	64 1-Bromo-2-chloroethane	63	6.334	6.334	(1.164)	384835	50.0000	46.7	7245
	65 2-Chloroethyl vinyl ether	63	6.381	6.381	(1.172)	181358	50.0000	54.3	
	66 cis-1,3-Dichloropropene	75	6.434	6.434	(1.182)	409650	50.0000	50.6	
$	67 Toluene-d8	98	6.563	6.563	(0.861)	894480	50.0000	55.5	
	69 Toluene +	91	6.598	6.598	(0.865)	922117	50.0000	44.0	
	71 4-methyl-2-pentanone	43	6.850	6.850	(1.258)	238518	50.0000	33.4	
	72 Tetrachloroethene	164	6.868	6.868	(0.901)	181382	50.0000	48.9	
	73 trans-1,3-Dichloropropene	75	6.879	6.879	(0.902)	363479	50.0000	47.2	
	75 1,1,2-Trichloroethane	97	6.991	6.991	(0.917)	215735	50.0000	45.2	
	76 Dibromochloromethane	129	7.120	7.120	(0.934)	255602	50.0000	46.0	
	77 1,3-Dichloropropane	76	7.179	7.179	(0.942)	380790	50.0000	46.6	
	79 1,2-Dibromoethane(EDB)	107	7.284	7.284	(0.955)	242572	50.0000	43.7	
	80 2-Hexanone	43	7.413	7.413	(0.972)	172729	50.0000	31.8	
	82 1-Chlorohexane	91	7.606	7.606	(0.998)	371559	50.0000	46.3	9495
*	83 CHLOROBENZENE-d5	82	7.624	7.624	(1.000)	396120	50.0000		
	84 Chlorobenzene ++	112	7.636	7.636	(1.002)	614732	50.0000	50.3	
	85 Ethylbenzene +	106	7.642	7.642	(1.002)	319096	50.0000	48.5	
	86 1,1,1,2-Tetrachloroethane	133	7.677	7.677	(1.007)	209626	50.0000	49.5	
	87 p,m-Xylene	106	7.742	7.742	(1.015)	772787	100.000	101	
	89 o-Xylene	106	8.035	8.035	(1.054)	405663	50.0000	52.8	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	90 Styrene	104	8.070	8.070	(1.059)	718004	50.0000	50.9	
	91 Bromoform ++	173	8.106	8.106	(1.063)	176011	50.0000	42.6	
	93 Isopropylbenzene	105	8.241	8.241	(1.081)	959994	50.0000	49.2	
$	94 Bromofluorobenzene	174	8.452	8.452	(1.109)	296081	50.0000	57.0	
	95 n-Propylbenzene	91	8.522	8.522	(0.926)	1278310	50.0000	46.1	
	96 Bromobenzene	77	8.528	8.528	(0.927)	488958	50.0000	44.6	
	97 1,1,2,2-Tetrachloroethane++	83	8.570	8.570	(0.931)	290452	50.0000	34.1	
	98 2-Chlorotoluene	91	8.646	8.646	(0.940)	832007	50.0000	45.5	
	99 1,3,5-Trimethylbenzene	105	8.652	8.652	(0.940)	831944	50.0000	47.3	
	100 1,2,3-Trichloropropane	75	8.682	8.682	(0.944)	328036	50.0000	35.3	
	101 trans-1,4-Dichloro-2-Butene	53	8.694	8.694	(0.945)	59908	50.0000	34.1	
	103 4-Chlorotoluene	91	8.758	8.758	(0.952)	784805	50.0000	46.5	
	104 tert-butylbenzene	91	8.876	8.876	(0.965)	484591	50.0000	43.8	
	106 1,2,4-Trimethylbenzene	105	8.917	8.917	(0.969)	879913	50.0000	48.7	
	107 sec-Butylbenzene	105	8.994	8.994	(0.978)	1166108	50.0000	46.2	
	108 p-Isopropyltoluene	119	9.076	9.076	(0.987)	942086	50.0000	47.2	
	110 1,3-Dichlorobenzene	146	9.153	9.153	(0.995)	510067	50.0000	49.6	
*	111 1,4-DICHLOROBENZENE-D4	152	9.200	9.200	(1.000)	348064	50.0000		
	112 1,4-Dichlorobenzene	146	9.212	9.212	(1.001)	533371	50.0000	49.6	
	115 n-Butylbenzene	91	9.353	9.353	(1.017)	995858	50.0000	46.6	
	116 1,2-Dichlorobenzene	146	9.488	9.488	(1.031)	499132	50.0000	48.5	
	120 1,2-Dibromo-3-Chloropropane	157	9.998	9.998	(1.087)	56575	50.0000	31.9	
	122 Hexachlorobutadiene	225	10.385	10.385	(1.129)	178083	50.0000	47.0	
	123 1,2,4-Trichlorobenzene	180	10.420	10.420	(1.133)	349960	50.0000	52.0	
M	124 TOTAL XYLENE	106				1178450	150.000	154	
	125 Naphthalene	128	10.632	10.632	(1.156)	757902	50.0000	46.7	
	126 1,2,3-Trichlorobenzene	180	10.756	10.756	(1.169)	322509	50.0000	48.3	

Data File: /var/chem/msv5.i/20607219.s.b/g6350.d

Page 1

Date : 21-JUL-2006 22:21

Client ID: V5STD050

Instrument: msv5.i

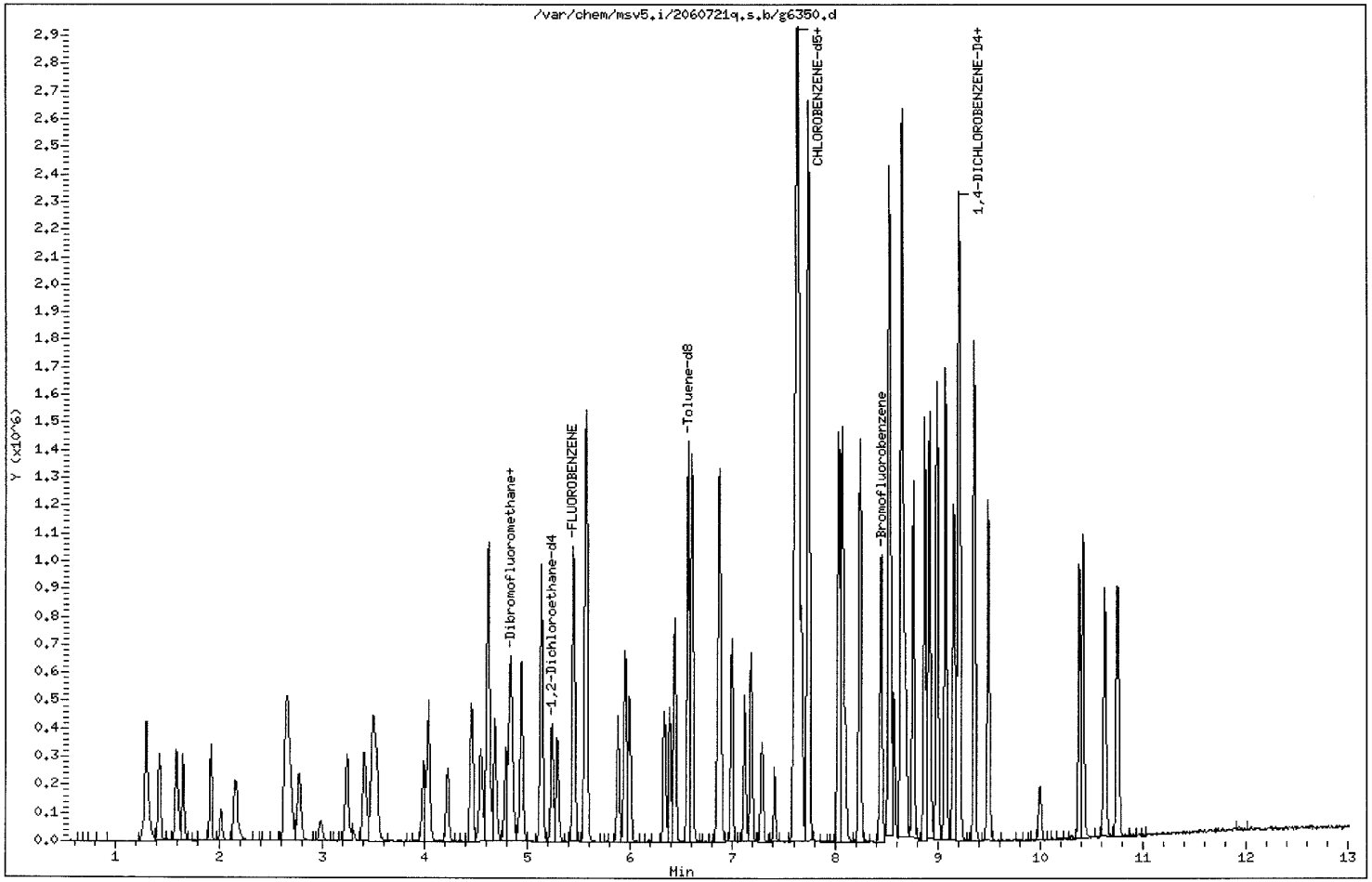
Sample Info: 1400*V5STD050*5-50-8

Purge Volume: 5.0

Operator: RSS

Column phase: DB-VRX-30M

Column diameter: 0.53



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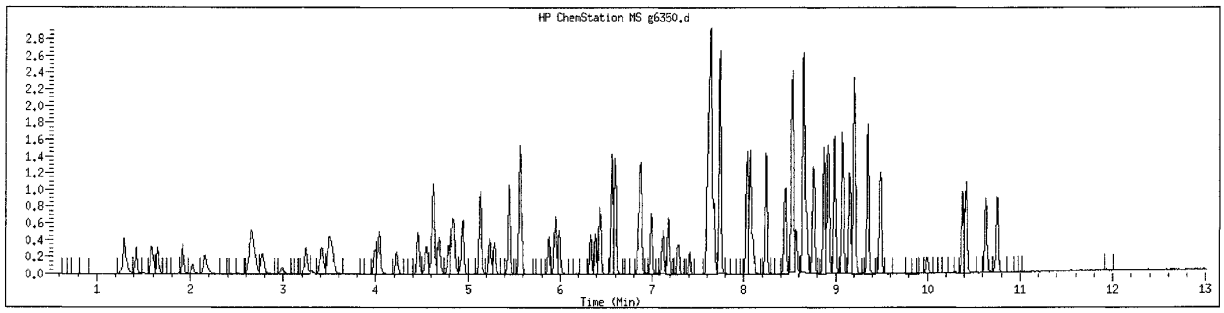
188464

Data file : /var/chem/msv5.i/2060721q.s.b/g6350.d Page: 1
Report Date: 07/22/2006 05:56

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1400	SampleType	: CCALIB_3
Injection Date	: 21-JUL-2006 22:21	Instrument	: msv5.i
Operator	: RSS		
Sample Info	: 1400*V5STD050*5-50-8		
Misc Info	: MSV~8724~*1*RSS		
Method	: /var/chem/msv5.i/2060721q.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



NO MANUAL INTEGRATIONS

188465

Data File: /var/chem/msv5.i/2060721q.s.b/g6351.d
Report Date: 22-Jul-2006 05:56

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i
Lab File ID: g6351.d
Analysis Type: WATER
Lab Sample ID: 1400
Method: /var/chem/msv5.i/2060721q.s.b/8260Bw5.m

Injection Date: 21-JUL-2006 22:58
Init. Cal. Date(s): 14-JUN-2006 18-JUN-2006
Init. Cal. Times: 07:30 19:46
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
4 1-3 Butadiene	0.25096	0.13260	0.13260	0.050	-47.16419	30.00000	Averaged	<-
10 Ethyl Ether	0.16454	0.14167	0.14167	0.050	-13.89535	30.00000	Averaged	
41 sec-Butanol	0.01874	0.01636	0.01636	0.050	-12.66821	30.00000	Averaged	<-
16 Allyl chloride	0.26679	0.20705	0.20705	0.050	-22.39275	30.00000	Averaged	
24 Acetonitrile	185	250	0.03375	0.050	-25.84231	0.000e+00	Linear	<-
23 tert-Butyl Alcohol	0.01780	0.01326	0.01326	0.050	-25.49011	30.00000	Averaged	<-
25 Isopropyl Ether	0.93481	0.70633	0.70633	0.050	-24.44137	30.00000	Averaged	
26 Chloroprene	0.39175	0.32699	0.32699	0.050	-16.53025	30.00000	Averaged	
38 Tetrahydrofuran	0.08815	0.06625	0.06625	0.050	-24.83751	30.00000	Averaged	
37 Ethyl Acetate	0.14840	0.09139	0.09139	0.050	-38.41599	30.00000	Averaged	<-
44 2-2-4 trimethyl Pentane	0.99970	0.77333	0.77333	0.050	-22.64324	30.00000	Averaged	
46 Propionitrile	0.04216	0.03348	0.03348	0.010	-20.58030	30.00000	Averaged	
47 Methacrylonitrile	0.18326	0.14018	0.14018	0.050	-23.50705	30.00000	Averaged	
50 Isobutyl Alcohol	169	250	0.00875	0.000	-32.35390	0.000e+00	Quadratic	<-
58 2-3 Dichloro-1-Proprene	0.46011	0.37311	0.37311	0.000	-18.90863	30.00000	Averaged	
56 n-Butanol	0.00800	0.00562	0.00562	0.000	-29.75434	30.00000	Averaged	
74 Ethyl Methacrylate	0.72346	0.58848	0.58848	0.000	-18.65752	30.00000	Averaged	
63 1,4- Dioxane	780	1250	0.00152	0.000	-37.63641	0.000e+00	Quadratic	<-
70 2-nitropropane	0.07959	0.05690	0.05690	0.050	-28.50772	30.00000	Averaged	
62 Methyl methacrylate	0.20296	0.16237	0.16237	0.000	-19.99752	30.00000	Averaged	
78 1-nitropropane	0.05694	0.04317	0.04317	0.050	-24.19512	30.00000	Averaged	<
92 1,5 Cyclooctadiene	46.17049	50.00000	0.39767	0.050	-7.65902	0.000e+00	Linear	<-
102 Cyclohexanone	164	100	0.07130	0.000	64.21741	0.000e+00	Quadratic	<-
105 Pentachloroethane	0.58528	0.45744	0.45744	0.050	-21.84242	30.00000	Averaged	
109 Dicylopentadiene	3.92589	3.81658	3.81658	0.050	-2.78427	30.00000	Averaged	
121 Benzal Chloride	81.89969	100	0.26883	0.010	-18.10031	0.000e+00	Quadratic	<-

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6349.d
Lab Smp Id: 1000 Client Smp ID: V5BFB01
Inj Date : 21-JUL-2006 21:46
Operator : RSS Inst ID: msv5.i
Smp Info : 1000*V5BFB01
Misc Info : MSV~8724~*1*RSS
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/bfb1.m
Meth Date : 05-Jun-2006 07:35 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.437	8.600	(0.000)	95	47280			100.00- 100.00	100.00
8.437	8.600	(0.000)	50	7975			15.00- 40.00	16.87
8.437	8.600	(0.000)	75	20394			30.00- 60.00	43.13
8.437	8.600	(0.000)	96	3369			5.00- 9.00	7.13
8.437	8.600	(0.000)	173	0			0.00- 2.00	0.00
8.437	8.600	(0.000)	174	36906			50.00- 120.00	78.06
8.437	8.600	(0.000)	175	2170			5.00- 9.00	5.88
8.437	8.600	(0.000)	176	37042			95.00- 101.00	100.37
8.437	8.600	(0.000)	177	2087			5.00- 9.00	5.63

Data File: /var/chem/msv5.i/2060721q.s.b/g6349.d

Date : 21-JUL-2006 21:46

Client ID: V5BFB01

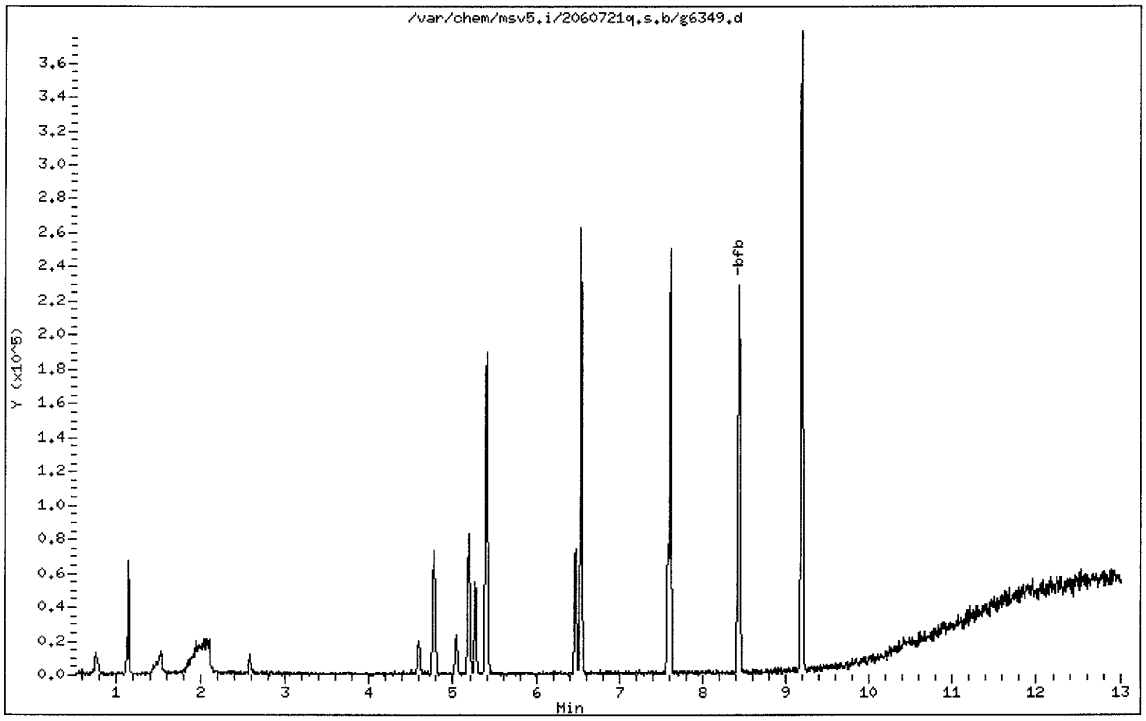
Instrument: msv5.i

Sample Info: 1000xV5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



188468

Data File: /var/chem/msv5.i/20060721q.s.b/g6349.d

Date : 21-JUL-2006 21:46

Client ID: V5BFB01

Instrument: msv5.i

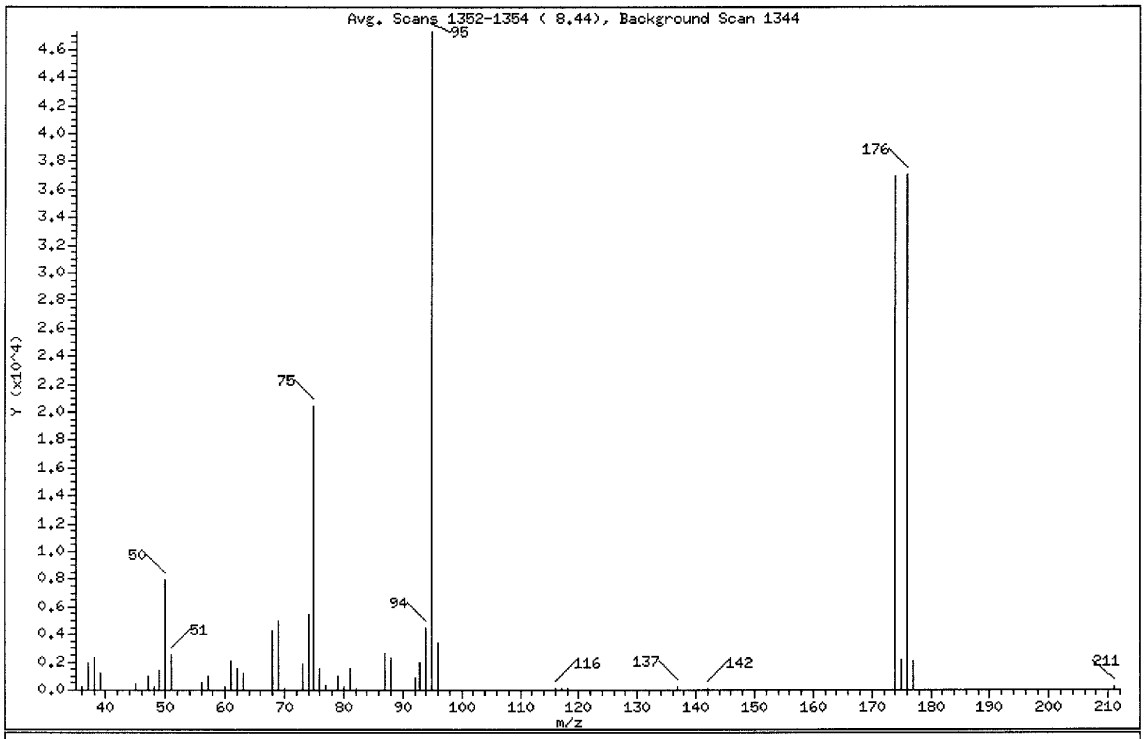
Sample Info: 1000*V5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.87
75	30.00 - 60.00% of mass 95	43.13
96	5.00 - 9.00% of mass 95	7.13
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	78.06
175	5.00 - 9.00% of mass 174	4.59 (5.88)
176	95.00 - 101.00% of mass 174	78.35 (100.37)
177	5.00 - 9.00% of mass 176	4.41 (5.63)

188469

Data File: /var/chem/msv5.i/20060721q.s.b/g6349.d

Date : 21-JUL-2006 21:46

Client ID: V5BFB01 Instrument: msv5.i

Sample Info: 1000xV5BFB01

Operator: RSS

Column phase: DB-624-30M Column diameter: 0.53

Data File: g6349.d
Spectrum: Avg. Scans 1352-1354 (8.44), Background Scan 1344
Location of Maximum: 95.00
Number of points: 45

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	230	60.00	164	79.00	1004	117.00	142
37.00	1904	61.00	2112	80.00	178	118.00	135
38.00	2244	62.00	1548	81.00	1478	137.00	270
39.00	1209	63.00	1227	82.00	135	142.00	148
45.00	390	68.00	4248	87.00	2616	174.00	36904
47.00	937	69.00	4949	88.00	2335	175.00	2170
48.00	169	70.00	148	92.00	918	176.00	37040
49.00	1455	73.00	1872	93.00	1933	177.00	2087
50.00	7975	74.00	5442	94.00	4429	211.00	230
51.00	2452	75.00	20392	95.00	47280		
56.00	566	76.00	1476	96.00	3369		
57.00	937	77.00	327	116.00	149		

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6351.d
Lab Smp Id: 1400 Client Smp ID: V5STD050APP9
Inj Date : 21-JUL-2006 22:58
Operator : KCB Inst ID: msv5.i
Smp Info : 1400*V5STD050APP9
Misc Info : MSV~8724~*1*RSS
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Meth Date : 22-Jul-2006 05:56 kcb Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 12 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.664	1.664	(0.306)	119136	50.0000	26.4	9242
10 Ethyl Ether	59	2.454	2.454	(0.451)	636457	250.000	215	9679
41 sec-Butanol	45	4.848	4.848	(0.890)	14703	50.0000	43.7	4784
16 Allyl chloride	39	3.133	3.133	(0.575)	186033	50.0000	38.8	9246
24 Acetonitrile	41	3.753	3.753	(0.689)	151600	250.000	185	8391
23 tert-Butyl Alcohol	59	3.660	3.660	(0.672)	11917	50.0000	37.3	0(M)
25 Isopropyl Ether	45	3.894	3.894	(0.715)	634628	50.0000	37.8	9240
26 Chloroprene	53	3.970	3.970	(0.729)	293801	50.0000	41.7	8699
38 Tetrahydrofuran	42	4.807	4.807	(0.883)	297645	250.000	188	9614(A)
37 Ethyl Acetate	43	4.789	4.789	(0.879)	410578	250.000	154	4788
44 2-2-4 trimethyl Pentane	57	5.024	5.024	(0.922)	694832	50.0000	38.7	9527(A)
46 Propionitrile	54	5.153	5.153	(0.946)	150411	250.000	199	8914
47 Methacrylonitrile	41	5.170	5.170	(0.949)	125949	50.0000	38.2	8908(A)
* 52 FLUOROBENZENE	96	5.446	5.446	(1.000)	898491	50.0000		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
50 Isobutyl Alcohol	43	5.323	5.323	(0.977)	39331	250.000	169	9472
58 2-3 Dichloro-1-Proprene	75	5.926	5.926	(1.088)	335234	50.0000	40.5	9486
56 n-Butanol	56	5.820	5.820	(1.069)	25258	250.000	176	9216
74 Ethyl Methacrylate	41	6.974	6.974	(0.915)	231806	50.0000	40.7	7224
63 1,4- Dioxane	58	6.137	6.137	(1.127)	34111	1250.00	780	9236
70 2-nitropropane	43	6.763	6.763	(1.242)	51126	50.0000	35.7	8783
62 Methyl Methacrylate	69	6.096	6.096	(1.119)	145888	50.0000	40.0	7811
78 1-nitropropane	43	7.255	7.255	(1.332)	38785	50.0000	37.9	7988
* 83 CHLOROBENZENE-d5	82	7.624	7.624	(1.000)	393905	50.0000		
92 1,5 Cyclooctadiene	67	8.215	8.215	(1.508)	357303	50.0000	46.2	9585(A)
102 Cyclohexanone	55	8.725	8.725	(1.144)	56167	100.000	164	9406
105 Pentachloroethane	167	8.901	8.901	(0.967)	156691	50.0000	39.1	9617
109 Dicylopentadiene	66	9.083	9.083	(0.987)	1307328	50.0000	48.6	9625(A)
* 111 1,4-DICHLOROBENZENE-D4	152	9.200	9.200	(1.000)	342539	50.0000		
121 Benzal Chloride	125	10.296	10.296	(1.119)	184167	100.000	81.9	8764

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

000501

Data File: /var/chem/msv5.i/2060721q.s.b/g6351.d

Page 1

Date : 21-JUL-2006 22:58

Client ID: V5STD050APP9

Instrument: msv5.i

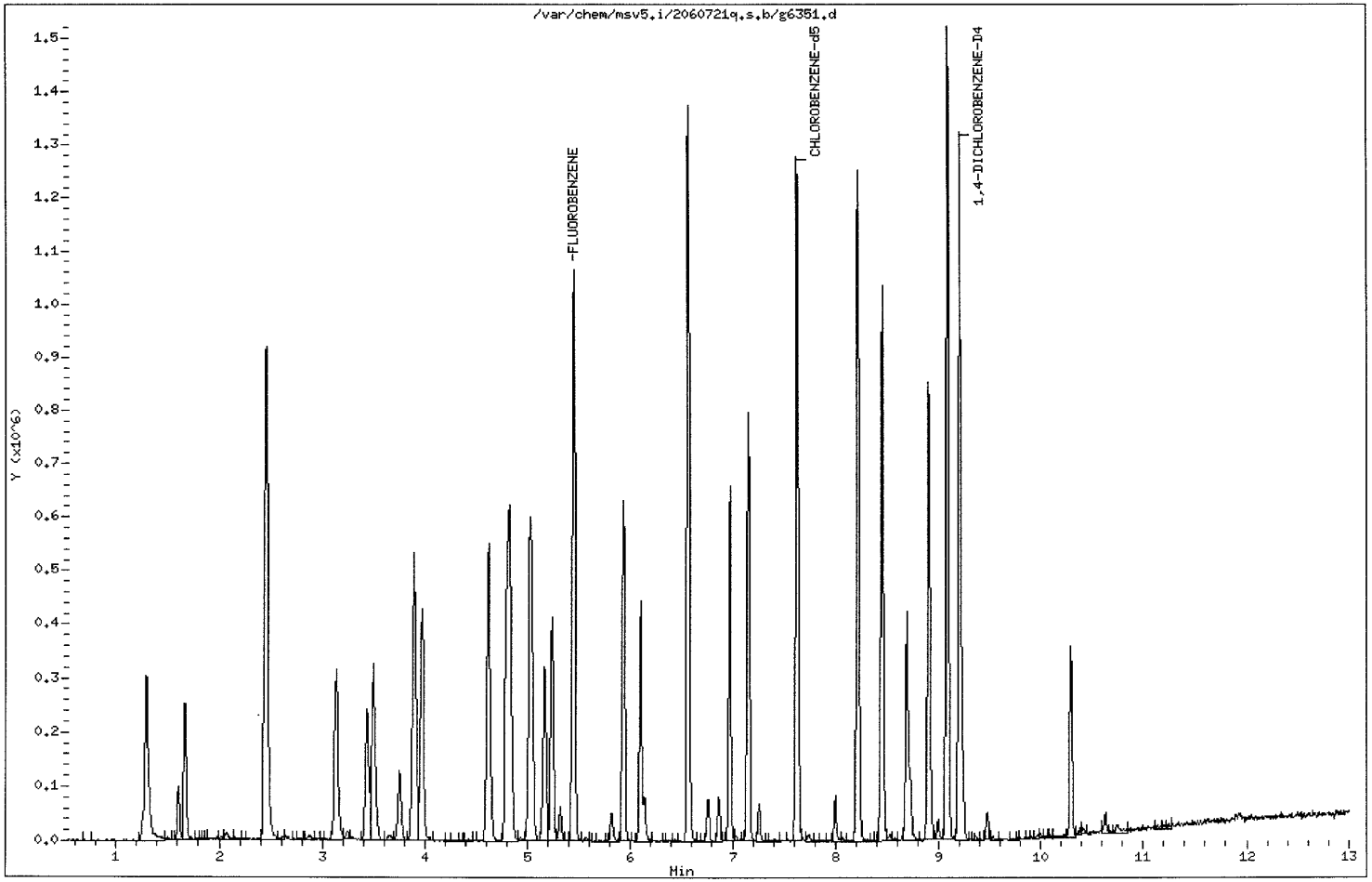
Sample Info: 1400*V5STD050APP9

Purge Volume: 5.0

Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53

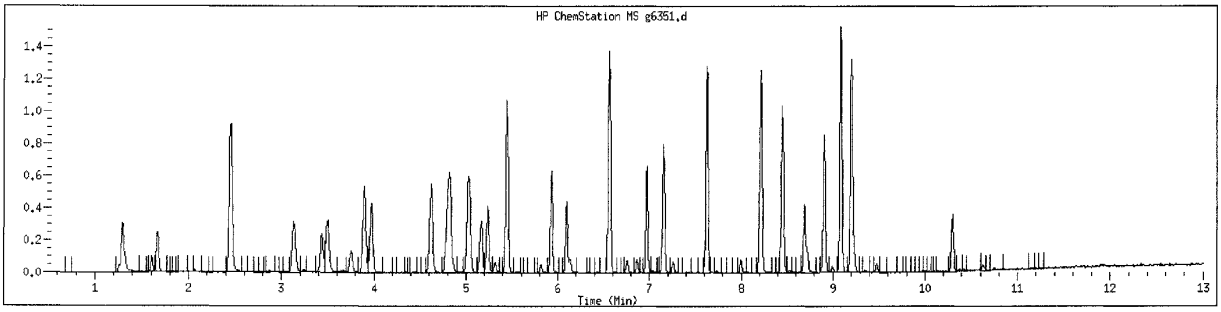


188473

Data file : /var/chem/msv5.i/2060721q.s.b/g6351.d Page: 1
Report Date: 07/22/2006 05:56

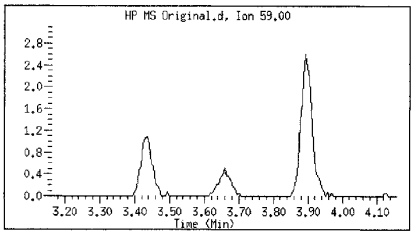
MANUAL INTEGRATION GRAPHIC REPORT

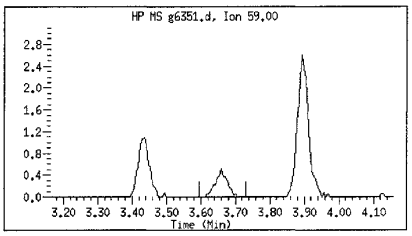
Lab ID : 1400 SampleType : CCALIB_3
Injection Date: 21-JUL-2006 22:58 Instrument : msv5.i
Operator : KCB
Sample Info : 1400*V5STD050APP9
Misc Info : MSV~8724~*1*RSS
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Dilution : 1.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: APP9



Original Final

23 tert-Butyl Alcohol CAS#: 75-65-0





188474

Data File: /var/chem/msv5.i/2060727p.s.b/g6613.d
Report Date: 17-Aug-2006 07:36

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i
Lab File ID: g6613.d
Analysis Type: WATER
Lab Sample ID: 1400
Method: /var/chem/msv5.i/2060727p.s.b/8260Bw5.m

Injection Date: 27-JUL-2006 21:41
Init. Cal. Date(s): 14-JUN-2006 18-JUN-2006
Init. Cal. Times: 07:30 19:46
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
1 Dichlorodifluoromethane	0.34839	0.32869	0.32869	0.000	-5.65640	30.00000	Averaged	
2 Chloromethane ++	0.45399	0.44856	0.44856	0.100	-1.19615	30.00000	Averaged	
3 Vinyl Chloride +	0.30102	0.34496	0.34496	0.000	14.59502	20.00000	Averaged	
5 Bromomethane	0.16678	0.19153	0.19153	0.000	14.84230	30.00000	Averaged	
M 6 1-3 Dichloropropene-Total	0.44324	0.48062	0.48062	0.050	8.43331	30.00000	Averaged	
8 Chloroethane	146	50.00000	0.08583	0.050	192	0.000e+00	Linear	<-
9 Trichlorofluoromethane	0.24413	0.31720	0.31720	0.000	29.93143	30.00000	Averaged	
11 1,1-Dichloroethene +	0.12816	0.15107	0.15107	0.000	17.87652	20.00000	Averaged	
12 Carbon Disulfide	0.64271	0.72657	0.72657	0.000	13.04765	30.00000	Averaged	
13 1,1,2Trichlotrifluoroethane	0.18422	0.19872	0.19872	0.000	7.87019	30.00000	Averaged	
14 Methyl Iodide	0.28084	0.36784	0.36784	0.000	30.98086	30.00000	Averaged	<-
15 Acrolein	0.02546	0.02217	0.02217	0.000	-12.94248	30.00000	Averaged	
17 Methylene Chloride	0.26900	0.29324	0.29324	0.000	9.01132	30.00000	Averaged	
18 Acetone	64.71689	50.00000	0.08479	0.000	29.43377	0.000e+00	Linear	<-
19 trans-1,2-Dichloroethene	0.22545	0.26973	0.26973	0.000	19.63989	30.00000	Averaged	
20 Methyl Acetate	0.18189	0.18904	0.18904	0.050	3.93375	30.00000	Averaged	
21 Hexane	0.37499	0.39850	0.39850	0.050	6.26844	30.00000	Averaged	
22 MTBE	0.51557	0.50818	0.50818	0.000	-1.43386	30.00000	Averaged	
27 1,1-Dichloroethane ++	0.38875	0.42709	0.42709	0.100	9.86346	30.00000	Averaged	
29 Acrylonitrile	0.11493	0.12518	0.12518	0.000	8.91657	30.00000	Averaged	
30 Vinyl Acetate	0.57092	0.62883	0.62883	0.000	10.14367	30.00000	Averaged	
31 cis-1,2-Dichloroethene	0.34078	0.38876	0.38876	0.000	14.08141	30.00000	Averaged	
32 2,2-Dichloropropane	0.30417	0.33030	0.33030	0.000	8.59189	30.00000	Averaged	
33 Bromochloromethane	0.12109	0.13117	0.13117	0.000	8.32373	30.00000	Averaged	
34 Cyclohexane	0.41817	0.43627	0.43627	0.000	4.32785	30.00000	Averaged	
35 Chloroform +	0.41307	0.45084	0.45084	0.000	9.14333	20.00000	Averaged	
36 Carbon Tetrachloride	0.28006	0.31677	0.31677	0.000	13.10661	30.00000	Averaged	
$ 39 Dibromofluoromethane	0.27503	0.29828	0.29828	0.000	8.45164	30.00000	Averaged	
40 1,1,1-Trichloroethane	0.29983	0.34507	0.34507	0.000	15.08979	30.00000	Averaged	
42 2 Butanone	0.17460	0.18883	0.18883	0.000	8.15183	30.00000	Averaged	
43 1,1-Dichloropropene	0.33570	0.34861	0.34861	0.000	3.84300	30.00000	Averaged	
45 Benzene	0.93768	1.00827	1.00827	0.000	7.52749	30.00000	Averaged	
$ 48 1,2-Dichloroethane-d4	0.15462	0.17459	0.17459	0.000	12.91434	30.00000	Averaged	
49 1,2-Dichloroethane	0.32211	0.36609	0.36609	0.000	13.65297	30.00000	Averaged	
53 Methyl Cyclohexane	0.40807	0.43720	0.43720	0.050	7.13780	30.00000	Averaged	

188475

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i
Lab File ID: g6613.d
Analysis Type: WATER
Lab Sample ID: 1400
Method: /var/chem/msv5.i/2060727p.s.b/8260Bw5.m

Injection Date: 27-JUL-2006 21:41
Init. Cal. Date(s): 14-JUN-2006 18-JUN-2006
Init. Cal. Times: 07:30 19:46
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
54 Trichloroethene	0.23418	0.25257	0.25257	0.000	7.85140	30.00000	Averaged	
57 Dibromomethane	0.20920	0.22065	0.22065	0.000	5.47260	30.00000	Averaged	
59 1,2-Dichloropropane +	0.27675	0.30725	0.30725	0.000	11.01858	20.00000	Averaged	
60 Bromodichloromethane	0.36346	0.38179	0.38179	0.000	5.04403	30.00000	Averaged	
M 61 Total 1,2-Dichloroethene	0.28311	0.32925	0.32925	0.000	16.29459	30.00000	Averaged	
64 1-Bromo-2-chloroethane	0.46969	0.49267	0.49267	0.050	4.89270	30.00000	Averaged	
65 2-Chloroethyl vinyl ether	0.19036	0.26833	0.26833	0.000	40.96023	30.00000	Averaged	<-
66 cis-1,3-Dichloropropene	0.46143	0.50355	0.50355	0.000	9.12807	30.00000	Averaged	
$ 67 Toluene-d8	2.03431	2.17928	2.17928	0.000	7.12658	30.00000	Averaged	
69 Toluene +	2.64342	2.54787	2.54787	0.000	-3.61453	20.00000	Averaged	
71 4-methyl-2-pentanone	0.40685	0.41318	0.41318	0.000	1.55481	30.00000	Averaged	
72 Tetrachloroethene	0.46842	0.43409	0.43409	0.000	-7.32841	30.00000	Averaged	
73 trans-1,3-Dichloropropene	0.97166	1.01102	1.01102	0.000	4.05113	30.00000	Averaged	
75 1,1,2-Trichloroethane	0.60305	0.60289	0.60289	0.000	-0.02505	30.00000	Averaged	
76 Dibromochloromethane	0.70081	0.68324	0.68324	0.000	-2.50684	30.00000	Averaged	
77 1,3-Dichloropropane	1.03155	1.07100	1.07100	0.000	3.82469	30.00000	Averaged	
79 1,2-Dibromoethane(EDB)	0.70069	0.68532	0.68532	0.000	-2.19288	30.00000	Averaged	
80 2-Hexanone	0.68623	0.70083	0.70083	0.000	2.12749	30.00000	Averaged	
82 1-Chlorohexane	1.01358	1.12578	1.12578	0.050	11.07046	30.00000	Averaged	
84 Chlorobenzene ++	1.54112	1.59873	1.59873	0.300	3.73806	30.00000	Averaged	
85 Ethylbenzene +	0.83129	0.88711	0.88711	0.000	6.71431	20.00000	Averaged	
86 1,1,1,2-Tetrachloroethane	0.53405	0.55388	0.55388	0.000	3.71202	30.00000	Averaged	
87 p,m-Xylene	0.96495	1.06812	1.06812	0.000	10.69141	30.00000	Averaged	
89 o-Xylene	0.96936	1.12973	1.12973	0.000	16.54359	30.00000	Averaged	
90 Styrene	1.78081	1.99269	1.99269	0.000	11.89773	30.00000	Averaged	
91 Bromoform ++	0.52163	0.49651	0.49651	0.100	-4.81604	30.00000	Averaged	
93 Isopropylbenzene	2.46187	2.75957	2.75957	0.000	12.09260	30.00000	Averaged	
$ 94 Bromofluorobenzene	0.65566	0.70987	0.70987	0.000	8.26846	30.00000	Averaged	
95 n-Propylbenzene	3.98558	4.17186	4.17186	0.000	4.67398	30.00000	Averaged	
96 Bromobenzene	1.57384	1.61954	1.61954	0.000	2.90351	30.00000	Averaged	
97 1,1,2,2-Tetrachloroethane++	1.22399	1.11457	1.11457	0.300	-8.93984	30.00000	Averaged	
98 2-Chlorotoluene	2.62461	2.78983	2.78983	0.000	6.29486	30.00000	Averaged	
99 1,3,5-Trimethylbenzene	2.52756	2.66291	2.66291	0.000	5.35474	30.00000	Averaged	
100 1,2,3-Trichloropropane	1.33673	1.23271	1.23271	0.000	-7.78159	30.00000	Averaged	
101 trans-1,4-Dichloro-2-Butene	0.25240	0.23033	0.23033	0.000	-8.74540	30.00000	Averaged	

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i Injection Date: 27-JUL-2006 21:41
Lab File ID: g6613.d Init. Cal. Date(s): 14-JUN-2006 18-JUN-2006
Analysis Type: WATER Init. Cal. Times: 07:30 19:46
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/msv5.i/2060727p.s.b/8260Bw5.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
103 4-Chlorotoluene	2.42305	2.57212	2.57212	0.000	6.15233	30.00000	Averaged
104 tert-butylbenzene	1.58924	1.61508	1.61508	0.000	1.62554	30.00000	Averaged
106 1,2,4-Trimethylbenzene	2.59533	2.72186	2.72186	0.000	4.87527	30.00000	Averaged
107 sec-Butylbenzene	3.62254	3.83116	3.83116	0.000	5.75914	30.00000	Averaged
108 p-Isopropyltoluene	2.86472	2.86273	2.86273	0.000	-0.06944	30.00000	Averaged
110 1,3-Dichlorobenzene	1.47816	1.56291	1.56291	0.000	5.73325	30.00000	Averaged
112 1,4-Dichlorobenzene	1.54525	1.61240	1.61240	0.000	4.34525	30.00000	Averaged
115 n-Butylbenzene	3.06864	3.26676	3.26676	0.000	6.45626	30.00000	Averaged
116 1,2-Dichlorobenzene	1.47889	1.49289	1.49289	0.000	0.94665	30.00000	Averaged
120 1,2 Dibromo-3-Chloropropane	0.25482	0.22318	0.22318	0.000	-12.41898	30.00000	Averaged
122 Hexachlorobutadiene	0.54408	0.50540	0.50540	0.000	-7.10971	30.00000	Averaged
123 1,2,4-Trichlorobenzene	0.96670	1.01740	1.01740	0.000	5.24373	30.00000	Averaged
M 124 TOTAL XYLENE	0.96642	1.08866	1.08866	0.000	12.64807	30.00000	Averaged
125 Naphthalene	2.33319	2.77701	2.77701	0.000	19.02238	30.00000	Averaged
126 1,2,3-Trichlorobenzene	0.95853	0.97198	0.97198	0.000	1.40281	30.00000	Averaged

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6612bfb.d
Lab Smp Id: 1000 Client Smp ID: V5BFB01
Inj Date : 27-JUL-2006 21:13
Operator : RSS Inst ID: msv5.i
Smp Info : 1000*V5BFB01
Misc Info : MSV~8768~*1*RSS
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/bfb1.m
Meth Date : 05-Jun-2006 07:35 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.441	8.600	(0.000)	95	34362			100.00- 100.00	100.00
8.441	8.600	(0.000)	50	6256			15.00- 40.00	18.21
8.441	8.600	(0.000)	75	16408			30.00- 60.00	47.75
8.441	8.600	(0.000)	96	2720			5.00- 9.00	7.92
8.441	8.600	(0.000)	173	0			0.00- 2.00	0.00
8.441	8.600	(0.000)	174	24605			50.00- 120.00	71.61
8.441	8.600	(0.000)	175	2184			5.00- 9.00	8.88
8.441	8.600	(0.000)	176	24597			95.00- 101.00	99.97
8.441	8.600	(0.000)	177	1862			5.00- 9.00	7.57

Data File: /var/chem/msv5.i/2060727p.s.b/g6612bfb.d

Date : 27-JUL-2006 21:13

Client ID: V5BFB01

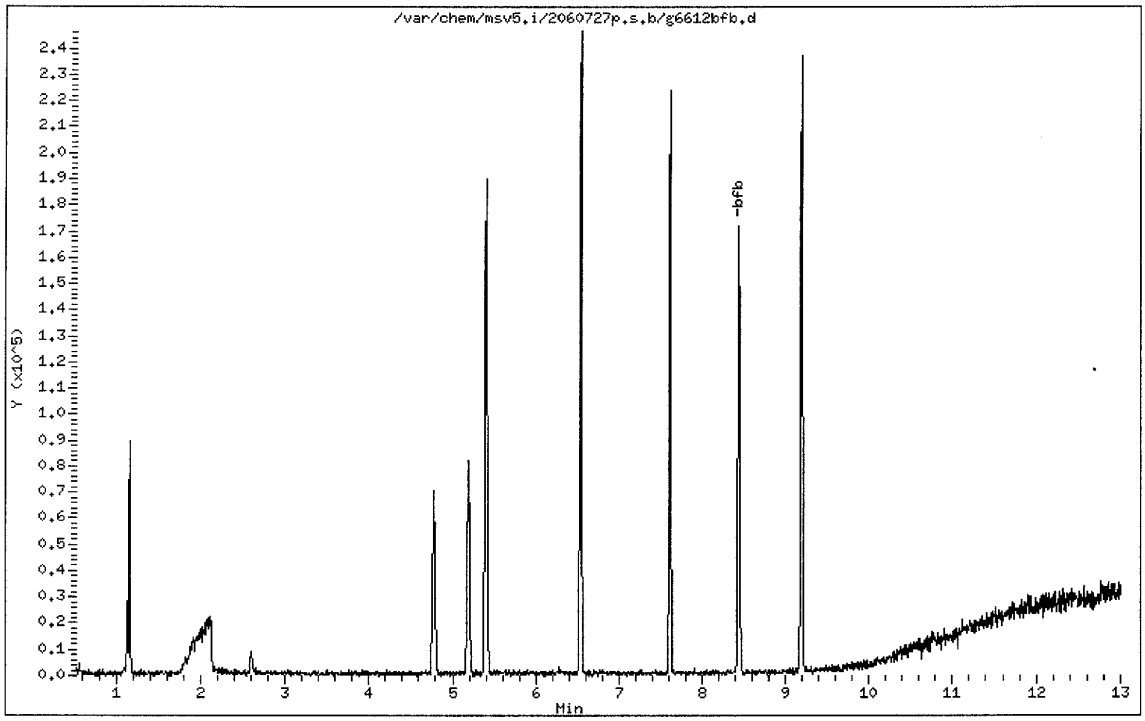
Instrument: msv5.i

Sample Info: 1000*V5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



Data File: /var/chem/msv5.i/2060727p.s.b/g6612bfb.d

Date : 27-JUL-2006 21:13

Client ID: V5BFB01

Instrument: msv5.i

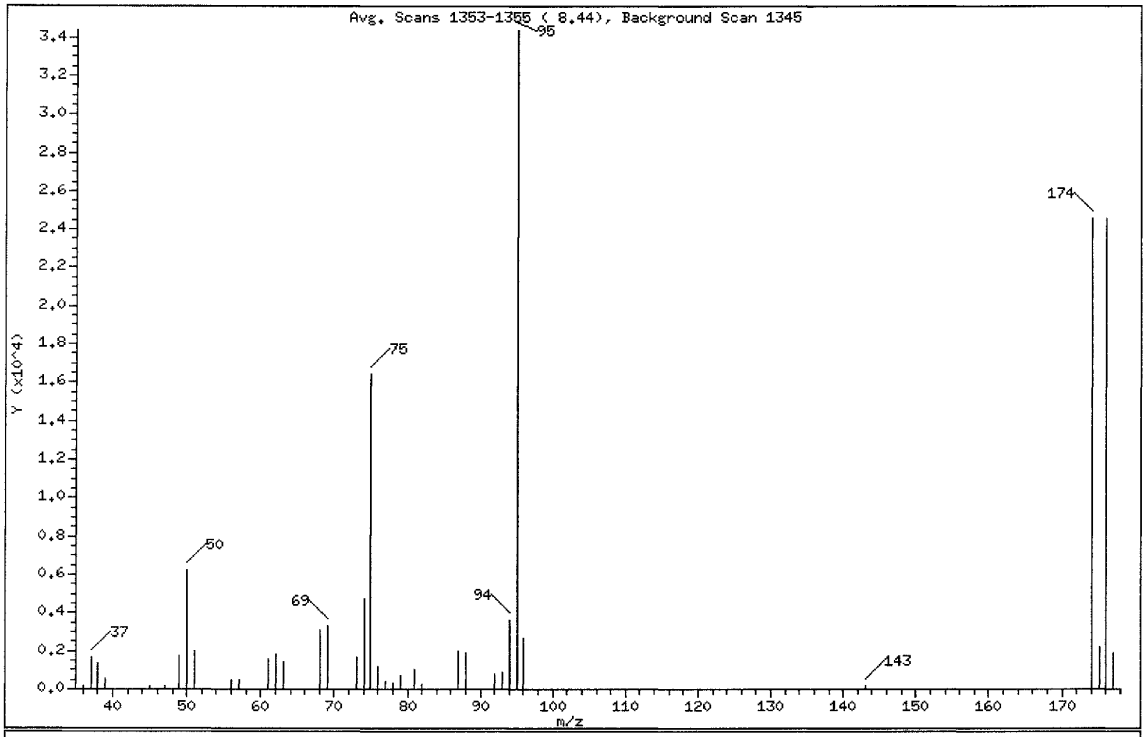
Sample Info: 1000*V5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.21
75	30.00 - 60.00% of mass 95	47.75
96	5.00 - 9.00% of mass 95	7.92
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	71.61
175	5.00 - 9.00% of mass 174	6.36 (8.88)
176	95.00 - 101.00% of mass 174	71.58 (99.97)
177	5.00 - 9.00% of mass 176	5.42 (7.57)

188480

Data File: /var/chem/msv5.i/2060727p.s.b/g6612bfb.d

Date : 27-JUL-2006 21:13

Client ID: V5BFB01

Instrument: msv5.i

Sample Info: 1000*V5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

Data File: g6612bfb.d
Spectrum: Avg. Scans 1353-1355 (8.44), Background Scan 1345
Location of Maximum: 95.00
Number of points: 37

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	174	57.00	495	77.00	426	95.00	34360
37.00	1688	61.00	1582	78.00	278	96.00	2720
38.00	1366	62.00	1817	79.00	698	143.00	195
39.00	566	63.00	1421	81.00	1002	174.00	24600
45.00	182	68.00	3042	82.00	219	175.00	2184
47.00	138	69.00	3310	87.00	1987	176.00	24592
49.00	1764	73.00	1646	88.00	1893	177.00	1862
50.00	6256	74.00	4756	92.00	792		
51.00	1951	75.00	16408	93.00	853		
56.00	487	76.00	1186	94.00	3646		

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6613.d
Lab Smp Id: 1400 Client Smp ID: V5STD050
Inj Date : 27-JUL-2006 21:41
Operator : RSS Inst ID: msv5.i
Smp Info : 1400*V5STD050*5-50-8
Misc Info : MSV~8768~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 17-Aug-2006 07:36 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	1 Dichlorodifluoromethane	85	1.413	1.413	(0.260)	216454	50.0000	47.2	
	2 Chloromethane ++	50	1.571	1.571	(0.289)	295395	50.0000	49.4	
	3 Vinyl Chloride +	62	1.641	1.641	(0.302)	227168	50.0000	57.3	
	5 Bromomethane	94	1.910	1.910	(0.351)	126130	50.0000	57.4	
M	6 1-3 Dichloropropene-Total	100				633021	100.000	108	0
	8 Chloroethane	64	2.004	2.004	(0.369)	56520	50.0000	146	
	9 Trichlorofluoromethane	101	2.145	2.145	(0.394)	208887	50.0000	65.0	
	11 1,1-Dichloroethene +	96	2.619	2.619	(0.482)	99486	50.0000	58.9	
	12 Carbon Disulfide	76	2.642	2.642	(0.486)	478475	50.0000	56.5	
	13 1,1,2Trichlotrifluoroethane	101	2.671	2.671	(0.491)	130864	50.0000	53.9	
	14 Methyl Iodide	142	2.760	2.760	(0.508)	242238	50.0000	65.5	
	15 Acrolein	56	2.970	2.970	(0.546)	72993	250.000	218	(A)
	17 Methylene Chloride	49	3.228	3.228	(0.594)	193109	50.0000	54.5	
	18 Acetone	43	3.292	3.292	(0.605)	55838	50.0000	64.7	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	19 trans-1,2-Dichloroethene	61	3.397	3.397	(0.625)	177628	50.0000	59.8	
	20 Methyl Acetate	43	3.421	3.421	(0.629)	124491	50.0000	52.0	9556
	21 Hexane	57	3.480	3.480	(0.640)	262429	50.0000	53.1	8791
	22 MTBE	73	3.521	3.521	(0.648)	334658	50.0000	49.3	6847
	27 1,1-Dichloroethane ++	63	3.983	3.983	(0.733)	281256	50.0000	54.9	
	29 Acrylonitrile	53	4.030	4.030	(0.741)	412164	250.000	272	(A)
	30 Vinyl Acetate	43	4.211	4.211	(0.775)	414108	50.0000	55.1	
	31 cis-1,2-Dichloroethene	61	4.451	4.451	(0.819)	256017	50.0000	57.0	
	32 2,2-Dichloropropane	77	4.539	4.539	(0.835)	217518	50.0000	54.3	
	33 Bromochloromethane	128	4.616	4.616	(0.849)	86381	50.0000	54.2	
	34 Cyclohexane	56	4.610	4.610	(0.848)	287300	50.0000	52.2	6264
	35 Chloroform +	83	4.674	4.674	(0.860)	296894	50.0000	54.6	
	36 Carbon Tetrachloride	117	4.780	4.780	(0.879)	208604	50.0000	56.6	
S	39 Dibromofluoromethane	111	4.821	4.821	(0.887)	196428	50.0000	54.2	4149
	40 1,1,1-Trichloroethane	97	4.833	4.833	(0.889)	227243	50.0000	57.5	
	42 2-Butanone	43	4.921	4.921	(0.905)	124354	50.0000	54.1	
	43 1,1-Dichloropropene	75	4.933	4.933	(0.907)	229571	50.0000	51.9	
	45 Benzene	78	5.126	5.126	(0.943)	663984	50.0000	53.8	
S	48 1,2-Dichloroethane-d4	67	5.232	5.232	(0.962)	114973	50.0000	56.5	
	49 1,2-Dichloroethane	62	5.279	5.279	(0.971)	241087	50.0000	56.8	
*	52 FLUOROBENZENE	96	5.437	5.437	(1.000)	658540	50.0000		
	53 Methyl Cyclohexane	83	5.554	5.554	(1.022)	287913	50.0000	53.6	9045
	54 Trichloroethene	130	5.566	5.566	(1.024)	166327	50.0000	53.9	
	57 Dibromomethane	93	5.871	5.871	(1.080)	145304	50.0000	52.7	
	59 1,2-Dichloropropane +	63	5.941	5.941	(1.093)	202334	50.0000	55.5	
	60 Bromodichloromethane	83	5.988	5.988	(1.101)	251423	50.0000	52.5	
X	61 Total 1,2-Dichloroethene	61				433645	100.000	117	
	64 1-Bromo-2-chloroethane	63	6.327	6.327	(1.164)	324440	50.0000	52.4	7245
	65 2-Chloroethyl vinyl ether	63	6.380	6.380	(1.173)	176709	50.0000	70.5	
	66 cis-1,3-Dichloropropene	75	6.427	6.427	(1.182)	331605	50.0000	54.6	
S	67 Toluene-d8	98	6.556	6.556	(0.860)	649710	50.0000	53.6	
	69 Toluene +	91	6.592	6.592	(0.865)	759596	50.0000	48.2	
	71 4-methyl-2-pentanone	43	6.843	6.843	(1.259)	272094	50.0000	50.8	
	72 Tetrachloroethene	164	6.861	6.861	(0.900)	129416	50.0000	46.3	
	73 trans-1,3-Dichloropropene	75	6.873	6.873	(0.902)	301416	50.0000	52.0	
	75 1,1,2-Trichloroethane	97	6.984	6.984	(0.916)	179741	50.0000	50.0	
	76 Dibromochloromethane	129	7.113	7.113	(0.933)	203694	50.0000	48.7	
	77 1,3-Dichloropropane	76	7.178	7.178	(0.942)	319297	50.0000	51.9	
	79 1,2-Dibromoethane(EDB)	107	7.284	7.284	(0.955)	204315	50.0000	48.9	
	80 2-Hexanone	43	7.407	7.407	(0.972)	208937	50.0000	51.1	(M)
	82 1-Chlorohexane	91	7.600	7.600	(0.997)	335630	50.0000	55.5	9639
*	83 CHLOROBENZENE-d5	82	7.623	7.623	(1.000)	298130	50.0000		
	84 Chlorobenzene ++	112	7.629	7.629	(1.001)	476628	50.0000	51.9	
	85 Ethylbenzene +	106	7.641	7.641	(1.002)	264474	50.0000	53.4	
	86 1,1,1,2-Tetrachloroethane	133	7.671	7.671	(1.006)	165127	50.0000	51.9	
	87 p,m-Xylene	106	7.736	7.736	(1.015)	636878	100.000	111	
	89 o-Xylene	106	8.034	8.034	(1.054)	336807	50.0000	58.3	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
	90 Styrene	104	8.064	8.064	(1.058)	594081	50.0000	55.9	
	91 Bromoform ++	173	8.099	8.099	(1.062)	148025	50.0000	47.6	
	93 Isopropylbenzene	105	8.240	8.240	(1.081)	822712	50.0000	56.0	(H)
$	94 Bromofluorobenzene	174	8.445	8.445	(1.108)	211633	50.0000	54.1	
	95 n-Propylbenzene	91	8.521	8.521	(0.926)	1095502	50.0000	52.3	
	96 Bromobenzene	77	8.527	8.527	(0.927)	425280	50.0000	51.5	
	97 1,1,2,2-Tetrachloroethane++	83	8.569	8.569	(0.932)	292678	50.0000	45.5	
	98 2-Chlorotoluene	91	8.645	8.645	(0.940)	732589	50.0000	53.1	
	99 1,3,5-Trimethylbenzene	105	8.645	8.645	(0.940)	699261	50.0000	52.7	
	100 1,2,3-Trichloropropane	75	8.675	8.675	(0.943)	323701	50.0000	46.1	
	101 trans-1,4-Dichloro-2-Butene	53	8.687	8.687	(0.944)	60482	50.0000	45.6	
	103 4-Chlorotoluene	91	8.757	8.757	(0.952)	675422	50.0000	53.1	(H)
	104 tert-butylbenzene	91	8.869	8.869	(0.964)	424108	50.0000	50.8	
	106 1,2,4-Trimethylbenzene	105	8.916	8.916	(0.969)	714742	50.0000	52.4	
	107 sec-Butylbenzene	105	8.987	8.987	(0.977)	1006037	50.0000	52.9	
	108 p-Isopropyltoluene	119	9.069	9.069	(0.986)	751733	50.0000	50.0	
	110 1,3-Dichlorobenzene	146	9.151	9.151	(0.995)	410409	50.0000	52.9	
*	111 1,4-DICHLOROBENZENE-D4	152	9.199	9.199	(1.000)	262593	50.0000		
	112 1,4-Dichlorobenzene	146	9.205	9.205	(1.001)	423405	50.0000	52.2	
	115 n-Butylbenzene	91	9.345	9.345	(1.016)	857828	50.0000	53.2	
	116 1,2-Dichlorobenzene	146	9.486	9.486	(1.031)	392022	50.0000	50.5	
	120 1,2-Dibromo-3-Chloropropane	157	9.990	9.990	(1.086)	58605	50.0000	43.8	
	122 Hexachlorobutadiene	225	10.371	10.371	(1.127)	132715	50.0000	46.4	
	123 1,2,4-Trichlorobenzene	180	10.407	10.407	(1.131)	267161	50.0000	52.6	
V	124 TOTAL XYLENE	106				973685	150.000	169	
	125 Naphthalene	128	10.624	10.624	(1.155)	729224	50.0000	59.5	
	126 1,2,3-Trichlorobenzene	180	10.747	10.747	(1.168)	255235	50.0000	50.7	

QC Flag Legend

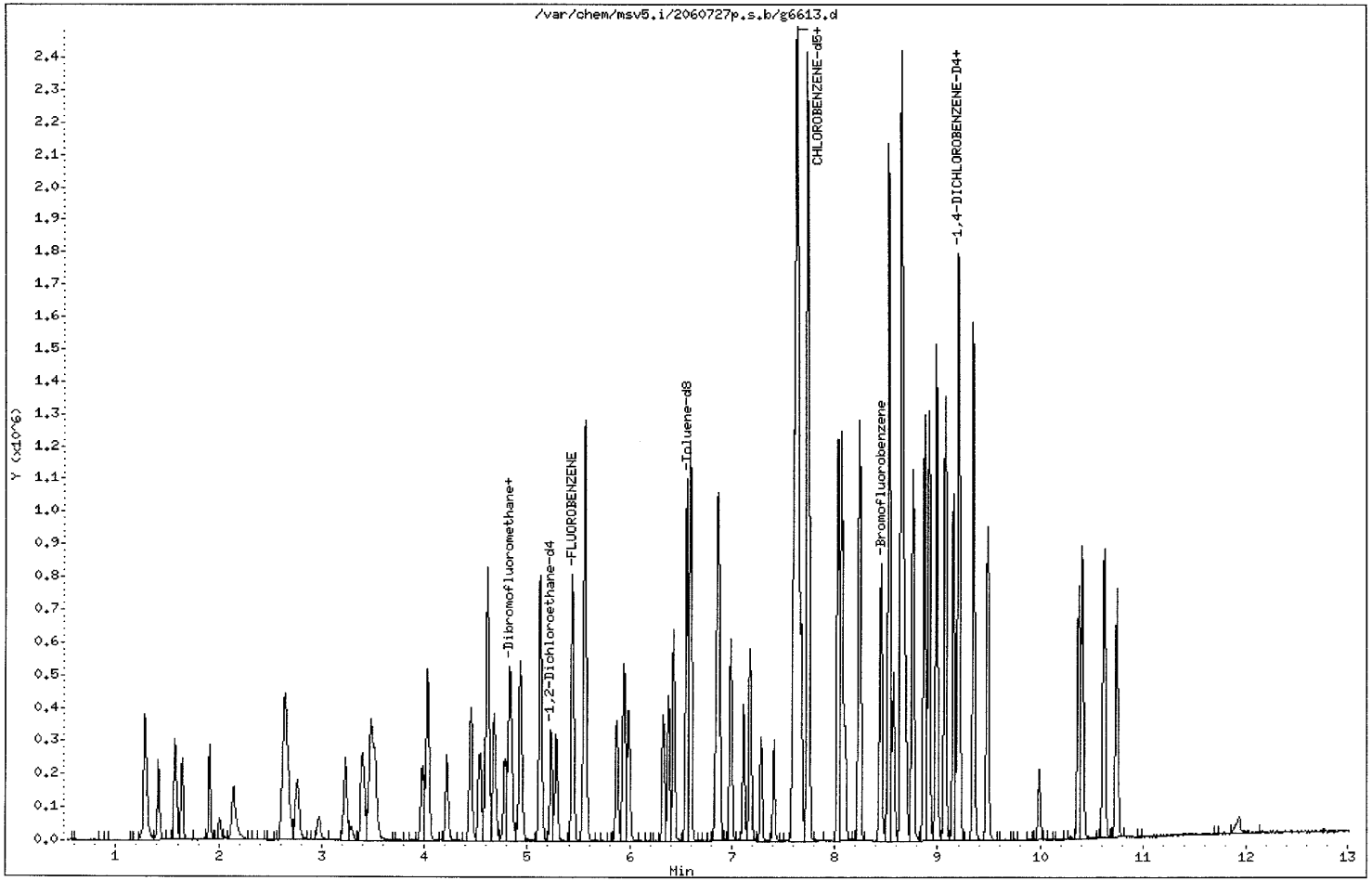
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060727p.s.b/g6613.d
Date : 27-JUL-2006 21:41
Client ID: V5STD050
Sample Info: 1400*V5STD050*5-50-8
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: RSS
Column diameter: 0.53

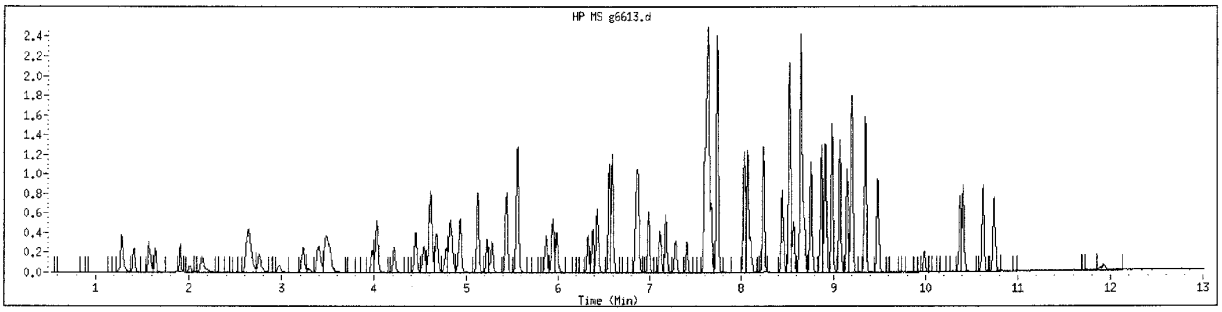


188485

Data file : /var/chem/msv5.i/2060727p.s.b/g6613.d Page: 1
Report Date: 07/30/2006 19:03

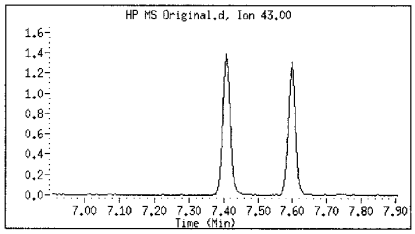
MANUAL INTEGRATION GRAPHIC REPORT

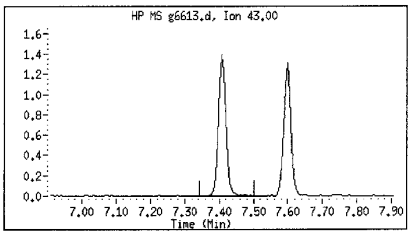
Lab ID	: 1400	SampleType	: CCALIB_3
Injection Date	: 27-JUL-2006 21:41	Instrument	: msv5.i
Operator	: RSS		
Sample Info	: 1400*V5STD050*5-50-8		
Misc Info	: MSV~8768~*1*ABD		
Method	: /var/chem/msv5.i/2060727p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist:	8260b



Original Final

80 2-Hexanone CAS#: 591-78-6





188486

Data File: /var/chem/msv5.i/2060727p.s.b/g6614.d
Report Date: 28-Jul-2006 00:58

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i
Lab File ID: g6614.d
Analysis Type: WATER
Lab Sample ID: 1400
Method: /var/chem/msv5.i/2060727p.s.b/8260Bw5.m

Injection Date: 27-JUL-2006 22:13
Init. Cal. Date(s): 14-JUN-2006 18-JUN-2006
Init. Cal. Times: 07:30 19:46
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
4 1-3 Butadiene	0.25096	0.29592	0.29592	0.050	17.91673	30.00000	Averaged	
10 Ethyl Ether	0.16454	0.15988	0.15988	0.050	-2.83228	30.00000	Averaged	
41 sec-Butanol	0.01874	0.02589	0.02589	0.050	38.15551	30.00000	Averaged	<-
16 Allyl chloride	0.26679	0.23067	0.23067	0.050	-13.54017	30.00000	Averaged	
24 Acetonitrile	280	250	0.04891	0.050	12.00246	0.000e+00	Linear	<-
23 tert-Butyl Alcohol	0.01780	0.02163	0.02163	0.050	21.52378	30.00000	Averaged	<-
25 Isopropyl Ether	0.93481	0.98814	0.98814	0.050	5.70523	30.00000	Averaged	
26 Chloroprene	0.39175	0.38147	0.38147	0.050	-2.62333	30.00000	Averaged	
38 Tetrahydrofuran	0.08815	0.08629	0.08629	0.050	-2.11056	30.00000	Averaged	
37 Ethyl Acetate	0.14840	0.12184	0.12184	0.050	-17.89875	30.00000	Averaged	
44 2-2-4 trimethyl Pentane	0.99970	1.11570	1.11570	0.050	11.60424	30.00000	Averaged	
46 Propionitrile	0.04216	0.04645	0.04645	0.010	10.18029	30.00000	Averaged	
47 Methacrylonitrile	0.18326	0.22128	0.22128	0.050	20.74776	30.00000	Averaged	
50 Isobutyl Alcohol	274	250	0.01375	0.000	9.40733	0.000e+00	Quadratic	<-
58 2-3 Dichloro-1-Proprene	0.46011	0.45561	0.45561	0.000	-0.97674	30.00000	Averaged	
56 n-Butanol	0.00800	0.00880	0.00880	0.000	9.91884	30.00000	Averaged	
74 Ethyl Methacrylate	0.72346	0.70735	0.70735	0.000	-2.22723	30.00000	Averaged	
63 1,4- Dioxane	1232	1250	0.00238	0.000	-1.45458	0.000e+00	Quadratic	<-
70 2-nitropropane	0.07959	0.08885	0.08885	0.050	11.62775	30.00000	Averaged	
62 Methyl methacrylate	0.20296	0.21203	0.21203	0.000	4.47199	30.00000	Averaged	
78 1-nitropropane	0.05694	0.06589	0.06589	0.050	15.70054	30.00000	Averaged	
92 1,5 Cyclooctadiene	52.16514	50.00000	0.45200	0.050	4.33028	0.000e+00	Linear	<-
102 Cyclohexanone	190	100	0.09334	0.000	89.61152	0.000e+00	Quadratic	<-
105 Pentachloroethane	0.58528	0.45386	0.45386	0.050	-22.45355	30.00000	Averaged	
109 Dicylopentadiene	3.92589	4.33997	4.33997	0.050	10.54738	30.00000	Averaged	
121 Benzal Chloride	90.31773	100	0.29922	0.010	-9.68227	0.000e+00	Quadratic	<-

188487

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6612bfb.d
Lab Smp Id: 1000 Client Smp ID: V5BFB01
Inj Date : 27-JUL-2006 21:13
Operator : RSS Inst ID: msv5.i
Smp Info : 1000*V5BFB01
Misc Info : MSV~8768~*1*RSS
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/bfb1.m
Meth Date : 05-Jun-2006 07:35 rjo Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
8.441	8.600	(0.000)	95	34362			100.00- 100.00	100.00
8.441	8.600	(0.000)	50	6256			15.00- 40.00	18.21
8.441	8.600	(0.000)	75	16408			30.00- 60.00	47.75
8.441	8.600	(0.000)	96	2720			5.00- 9.00	7.92
8.441	8.600	(0.000)	173	0			0.00- 2.00	0.00
8.441	8.600	(0.000)	174	24605			50.00- 120.00	71.61
8.441	8.600	(0.000)	175	2184			5.00- 9.00	8.88
8.441	8.600	(0.000)	176	24597			95.00- 101.00	99.97
8.441	8.600	(0.000)	177	1862			5.00- 9.00	7.57

Data File: /var/chem/msv5.i/2060727p.s.b/g6612bfb.d

Date : 27-JUL-2006 21:13

Client ID: V5BFB01

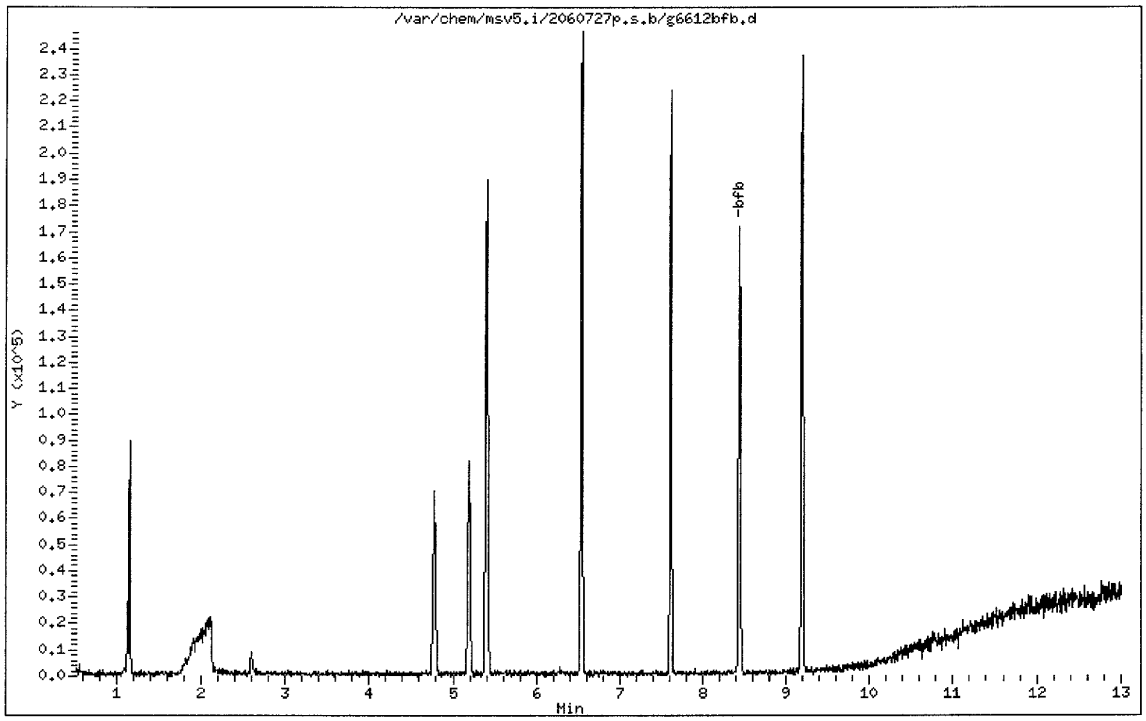
Instrument: msv5.i

Sample Info: 1000*V5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



188489

Data File: /var/chem/msv5.i/2060727p.s.b/g6612bfb.d

Date : 27-JUL-2006 21:13

Client ID: V5BFB01

Instrument: msv5.i

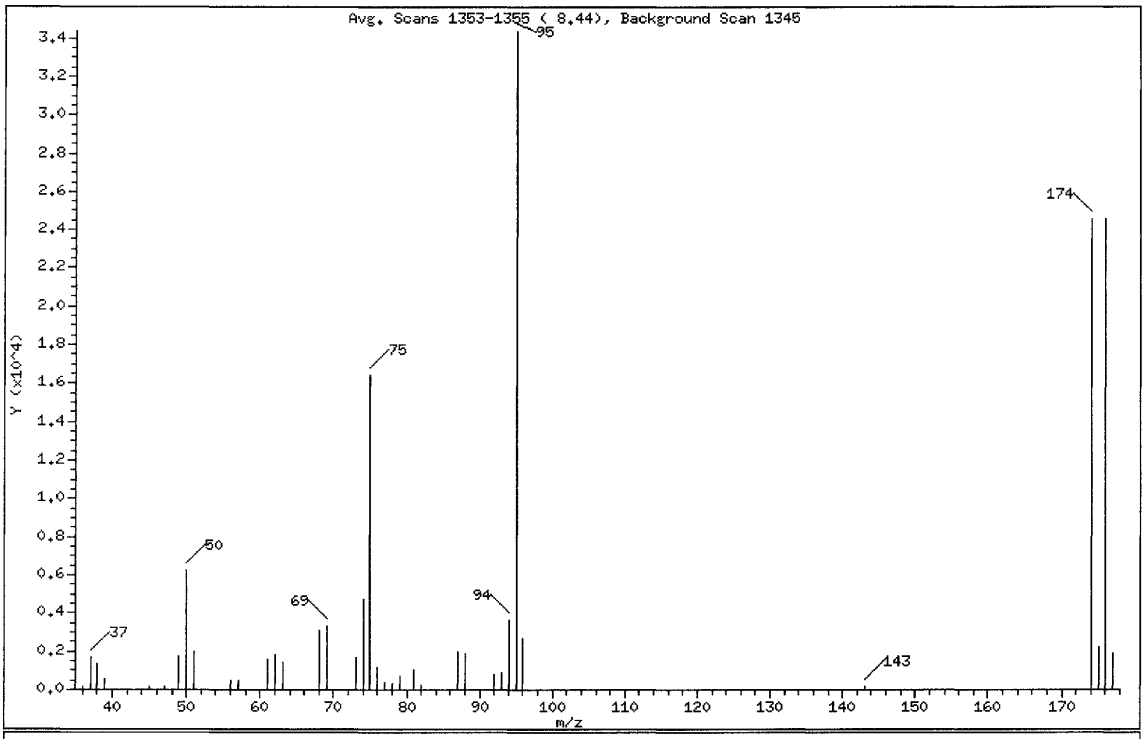
Sample Info: 1000*V5BFB01

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.21
75	30.00 - 60.00% of mass 95	47.75
96	5.00 - 9.00% of mass 95	7.92
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	71.61
175	5.00 - 9.00% of mass 174	6.36 (8.88)
176	95.00 - 101.00% of mass 174	71.58 (99.97)
177	5.00 - 9.00% of mass 176	5.42 (7.57)

188490

Data File: /var/chem/msv5.i/2060727p.s.b/g6612bfb.d

Date : 27-JUL-2006 21:13

Client ID: V5BFB01 Instrument: msv5.i

Sample Info: 1000*V5BFB01

Operator: RSS

Column phase: DB-624-30M Column diameter: 0.53

Data File: g6612bfb.d
Spectrum: Avg. Scans 1353-1355 (8.44), Background Scan 1345
Location of Maximum: 95.00
Number of points: 37

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	174	57.00	495	77.00	426	95.00	34360
37.00	1688	61.00	1582	78.00	278	96.00	2720
38.00	1366	62.00	1817	79.00	698	143.00	195
39.00	566	63.00	1421	81.00	1002	174.00	24600
45.00	182	68.00	3042	82.00	219	175.00	2184
47.00	138	69.00	3310	87.00	1987	176.00	24592
49.00	1764	73.00	1646	88.00	1893	177.00	1862
50.00	6256	74.00	4756	92.00	792		
51.00	1951	75.00	16408	93.00	853		
56.00	487	76.00	1186	94.00	3646		

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6614.d
Lab Smp Id: 1400 Client Smp ID: V5STD050APP9
Inj Date : 27-JUL-2006 22:13
Operator : RSS Inst ID: msv5.i
Smp Info : 1400*V5STD050APP9
Misc Info : MSV~8768~*1*ABD
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 28-Jul-2006 00:58 rss Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 7 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: APP9.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
4 1-3 Butadiene	39	1.653	1.653	(0.304)	206823	50.0000	59.0	9316
10 Ethyl Ether	59	2.437	2.437	(0.448)	558693	250.000	243	9773
41 sec-Butanol	45	4.842	4.842	(0.891)	18093	50.0000	69.1	4941
16 Allyl chloride	39	3.121	3.121	(0.574)	161217	50.0000	43.2	9452
24 Acetonitrile	41	3.741	3.741	(0.689)	170933	250.000	280	8441
23 tert-Butyl Alcohol	59	3.654	3.654	(0.672)	15119	50.0000	60.8	2095(M)
25 Isopropyl Ether	45	3.882	3.882	(0.714)	690622	50.0000	52.9	9207
26 Chloroprene	53	3.958	3.958	(0.728)	266617	50.0000	48.7	8705
38 Tetrahydrofuran	42	4.801	4.801	(0.884)	301538	250.000	245	9644(A)
37 Ethyl Acetate	43	4.778	4.778	(0.879)	425781	250.000	205	4547
44 2-2-4 trimethyl Pentane	57	5.018	5.018	(0.923)	779778	50.0000	55.8	9422(A)
46 Propionitrile	54	5.147	5.147	(0.947)	162317	250.000	275	9114
47 Methacrylonitrile	41	5.165	5.165	(0.950)	154654	50.0000	60.4	9071(A)
* 52 FLUOROBENZENE	96	5.434	5.434	(1.000)	698912	50.0000		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	SIMILARITY
50 Isobutyl Alcohol	43	5.317	5.317	(0.978)	48062	250.000	274	9387
58 2-3 Dichloro-1-Proprene	75	5.926	5.926	(1.090)	318434	50.0000	49.5	9630
56 n-Butanol	56	5.809	5.809	(1.069)	30744	250.000	275	9307
74 Ethyl Methacrylate	41	6.968	6.968	(0.915)	231835	50.0000	48.9	7289
63 1,4- Dioxane	58	6.131	6.131	(1.128)	41611	1250.00	1230	9400
70 2-nitropropane	43	6.757	6.757	(1.243)	62096	50.0000	55.8	8699
62 Methyl Methacrylate	69	6.090	6.090	(1.121)	148192	50.0000	52.2	7768
78 1-nitropropane	43	7.249	7.249	(1.334)	46048	50.0000	57.9	7933
* 83 CHLOROBENZENE-d5	82	7.618	7.618	(1.000)	327752	50.0000		
92 1,5 Cyclooctadiene	67	8.209	8.209	(1.511)	315909	50.0000	52.2	9557(A)
102 Cyclohexanone	55	8.713	8.713	(1.144)	61188	100.000	190	8953
105 Pentachloroethane	167	8.901	8.901	(0.968)	121348	50.0000	38.8	9664
109 Dicylopentadiene	66	9.083	9.083	(0.988)	1160364	50.0000	55.3	9671(A)
* 111 1,4-DICHLOROBENZENE-D4	152	9.194	9.194	(1.000)	267367	50.0000		
121 Benzal Chloride	125	10.289	10.289	(1.119)	160005	100.000	90.3	8830

QC Flag Legend

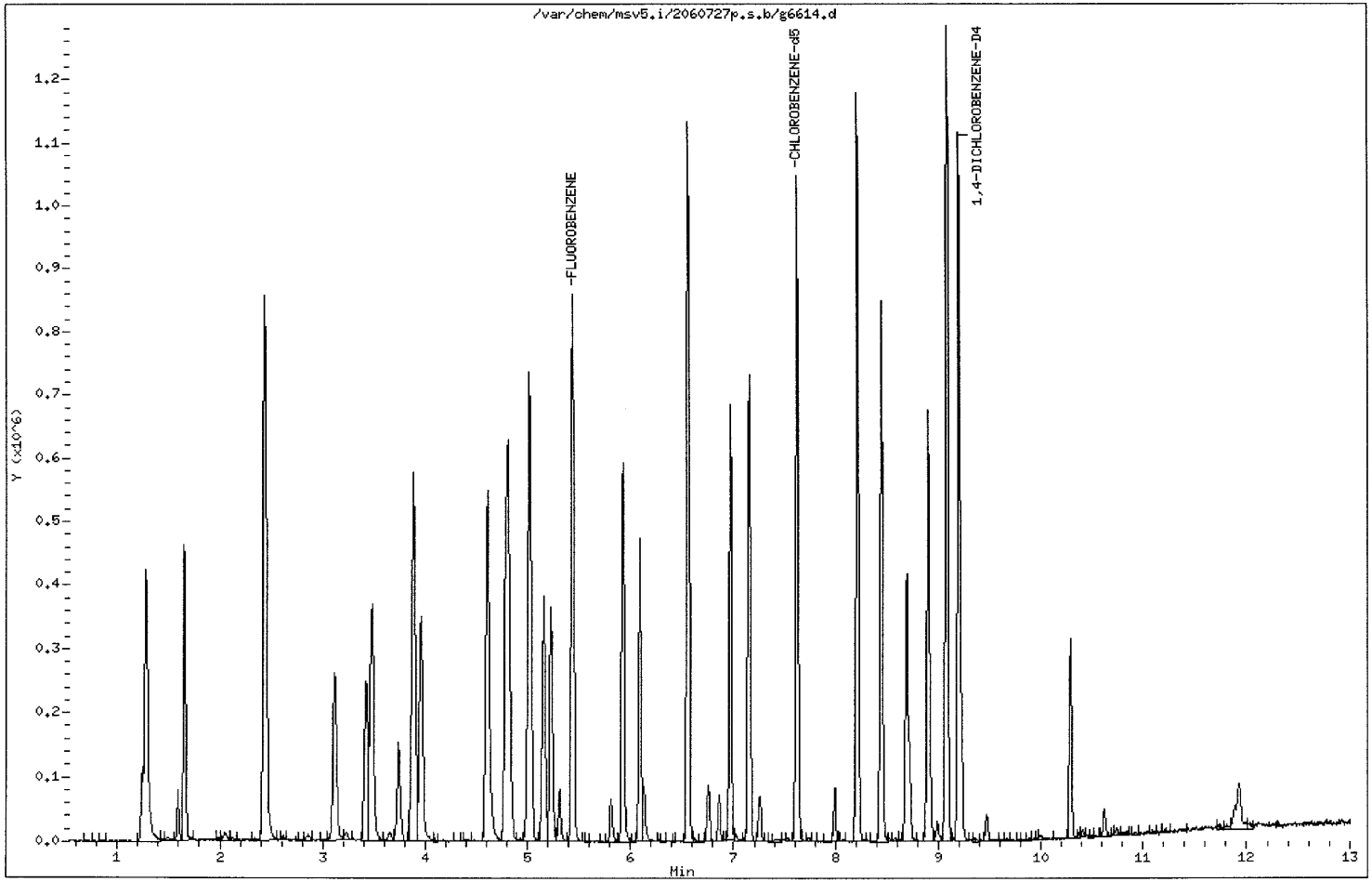
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /var/chem/msv5.i/2060727p.s.b/g6614.d
Date : 27-JUL-2006 22:13
Client ID: W5STD050APP9
Sample Info: 1400*W5STD050APP9
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

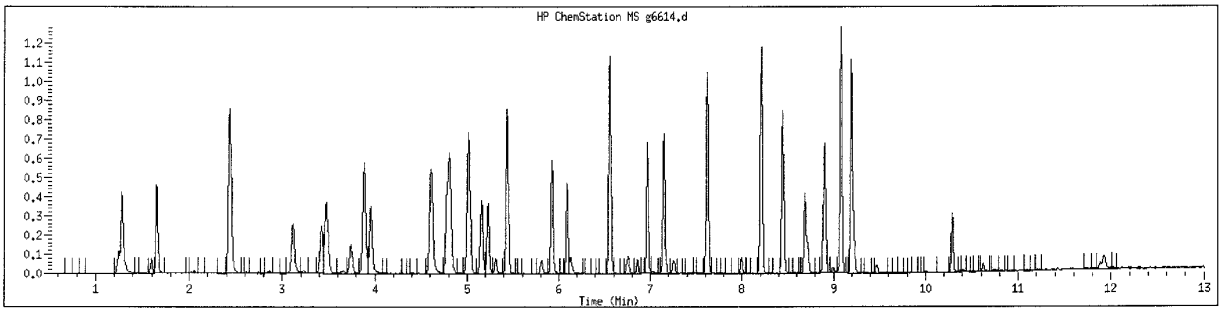
Operator: RSS
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060727p.s.b/g6614.d Page: 1
Report Date: 07/28/2006 00:58

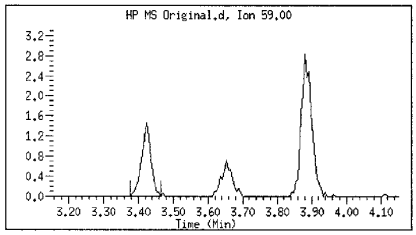
MANUAL INTEGRATION GRAPHIC REPORT

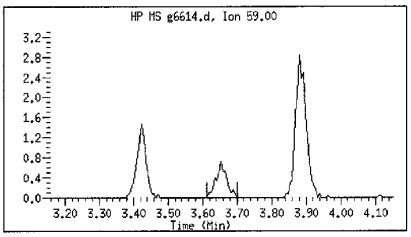
Lab ID	: 1400	SampleType	: CCALIB_3
Injection Date	: 27-JUL-2006 22:13	Instrument	: msv5.i
Operator	: RSS		
Sample Info	: 1400*V5STD050APP9		
Misc Info	: MSV~8768~*1*ABD		
Method	: /var/chem/msv5.i/2060727p.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: APP9



Original Final

23 tert-Butyl Alcohol CAS#: 75-65-0





188495

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB393133

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393133

Level: (low/med) LOW Lab File ID: 2060721P/V4439

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2324

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	25.0	U	0.374	25.0
107-02-8	Acrolein	25.0	U	2.34	25.0
107-13-1	Acrylonitrile	25.0	U	0.712	25.0
75-27-4	Bromodichloromethane	5.00	U	0.135	5.00
75-25-2	Bromoform	5.00	U	0.169	5.00
74-83-9	Bromomethane	5.00	U	1.51	5.00
75-15-0	Carbon disulfide	5.00	U	0.109	5.00
56-23-5	Carbon tetrachloride	5.00	U	0.120	5.00
75-00-3	Chloroethane	5.00	U	0.606	5.00
136777-61-	m,p-Xylene	5.00	U	0.398	5.00
67-66-3	Chloroform	5.00	U	0.141	5.00
74-87-3	Chloromethane	5.00	U	0.464	5.00
124-48-1	Dibromochloromethane	5.00	U	0.090	5.00
74-95-3	Dibromomethane	5.00	U	0.156	5.00
75-71-8	Dichlorodifluoromethane	5.00	U	0.364	5.00
75-34-3	1,1-Dichloroethane	5.00	U	0.159	5.00
107-06-2	1,2-Dichloroethane	5.00	U	0.114	5.00
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.126	5.00
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.164	5.00
75-09-2	Methylene chloride	2.02	J	0.479	10.0
78-87-5	1,2-Dichloropropane	5.00	U	0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	5.00	U	0.141	5.00
100-41-4	Ethylbenzene	5.00	U	0.207	5.00
591-78-6	2-Hexanone	5.00	U	0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	5.00	U	0.153	5.00
78-93-3	2-Butanone	5.00	U	0.312	5.00
74-88-4	Methyl iodide	5.00	U	0.906	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.173	5.00
103-65-1	n-Propylbenzene	5.00	U	0.140	5.00
100-42-5	Styrene	5.00	U	0.152	5.00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB393133

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393133

Level: (low/med) LOW Lab File ID: 2060721P/V4439

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2324

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	5.00	U	0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	5.00	U	0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.327	5.00
71-55-6	1,1,1-Trichloroethane	5.00	U	0.123	5.00
79-00-5	1,1,2-Trichloroethane	5.00	U	0.114	5.00
75-69-4	Trichlorofluoromethane	5.00	U	0.252	5.00
96-18-4	1,2,3-Trichloropropane	2.00	U	0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.163	5.00
75-01-4	Vinyl chloride	5.00	U	0.351	5.00
95-47-6	o-Xylene	5.00	U	0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	5.00	U	0.866	5.00
106-93-4	1,2-Dibromoethane	5.00	U	0.150	5.00
108-05-4	Vinyl acetate	5.00	U	0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	5.00	U	0.074	5.00
99-87-6	4-Isopropyltoluene	5.00	U	0.161	5.00
1330-20-7	Xylene (total)	10.0	U	0.572	10.0
108-87-2	Methylcyclohexane	5.00	U	0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.721	5.00
110-82-7	Cyclohexane	5.00	U	1.11	5.00
594-20-7	2,2-Dichloropropane	5.00	U	0.176	5.00
79-20-9	Methyl Acetate	5.00	U	1.53	5.00
76-13-1	Trichlorotrifluoroethane	5.00	U	0.188	5.00
563-58-6	1,1-Dichloropropene	5.00	U	0.130	5.00
110-75-8	2-Chloroethylvinyl ether	5.00	U	2.10	5.00
142-28-9	1,3-Dichloropropane	5.00	U	0.136	5.00
108-86-1	Bromobenzene	5.00	U	0.235	5.00
95-49-8	2-Chlorotoluene	5.00	U	0.150	5.00
106-43-4	4-Chlorotoluene	5.00	U	0.325	5.00
98-06-6	tert-Butylbenzene	5.00	U	0.252	5.00
135-98-8	sec-Butylbenzene	5.00	U	0.117	5.00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB393133

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393133

Level: (low/med) LOW Lab File ID: 2060721P/V4439

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2324

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	5.00	U	0.236	5.00
106-46-7	1,4-Dichlorobenzene	5.00	U	0.421	5.00
104-51-8	n-Butylbenzene	5.00	U	0.178	5.00
95-50-1	1,2-Dichlorobenzene	5.00	U	0.114	5.00
87-68-3	Hexachlorobutadiene	5.00	U	1.25	5.00
91-20-3	Naphthalene	5.00	U	0.376	5.00
71-36-3	n-Butyl alcohol	25.0	U	1.00	25.0
75-35-4	1,1-Dichloroethene	5.00	U	0.359	5.00
71-43-2	Benzene	5.00	U	0.104	5.00
79-01-6	Trichloroethene	5.00	U	0.177	5.00
108-88-3	Toluene	5.00	U	0.550	5.00
108-90-7	Chlorobenzene	5.00	U	0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4439.d
Lab Smp Id: 393133 Client Smp ID: MB for HBN 328554
Inj Date : 21-JUL-2006 23:24
Operator : KCB Inst ID: msv4.i
Smp Info : 393133*MB for HBN 328554
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 08:39 kcb Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
15 Methylene Chloride	49	3.494	3.488	(0.549)	10988	2.01538	2.02	7959
$ 44 Dibromofluoromethane	111	5.563	5.568	(0.874)	165198	53.3615	53.4	2937
$ 54 1,2-Dichloroethane-d4	67	6.097	6.096	(0.958)	103025	49.0474	49.0	9442
* 58 FLUOROBENZENE	96	6.366	6.370	(1.000)	450024	50.0000		9373
$ 76 Toluene-d8	98	7.801	7.801	(0.854)	423387	63.7654	63.8	9254
* 90 Chlorobenzene-d5	82	9.137	9.136	(1.000)	170675	50.0000		9016
$ 103 Bromofluorobenzene	174	10.171	10.176	(1.113)	123635	54.4373	54.4	8854
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.131	(1.000)	118736	50.0000		8923

000528

Data File: /var/chem/msv4.i/2060721p.s.b/v4439.d

Date : 21-JUL-2006 23:24

Client ID: MB for HBN 328554

Sample Info: 393133WMB for HBN 328554

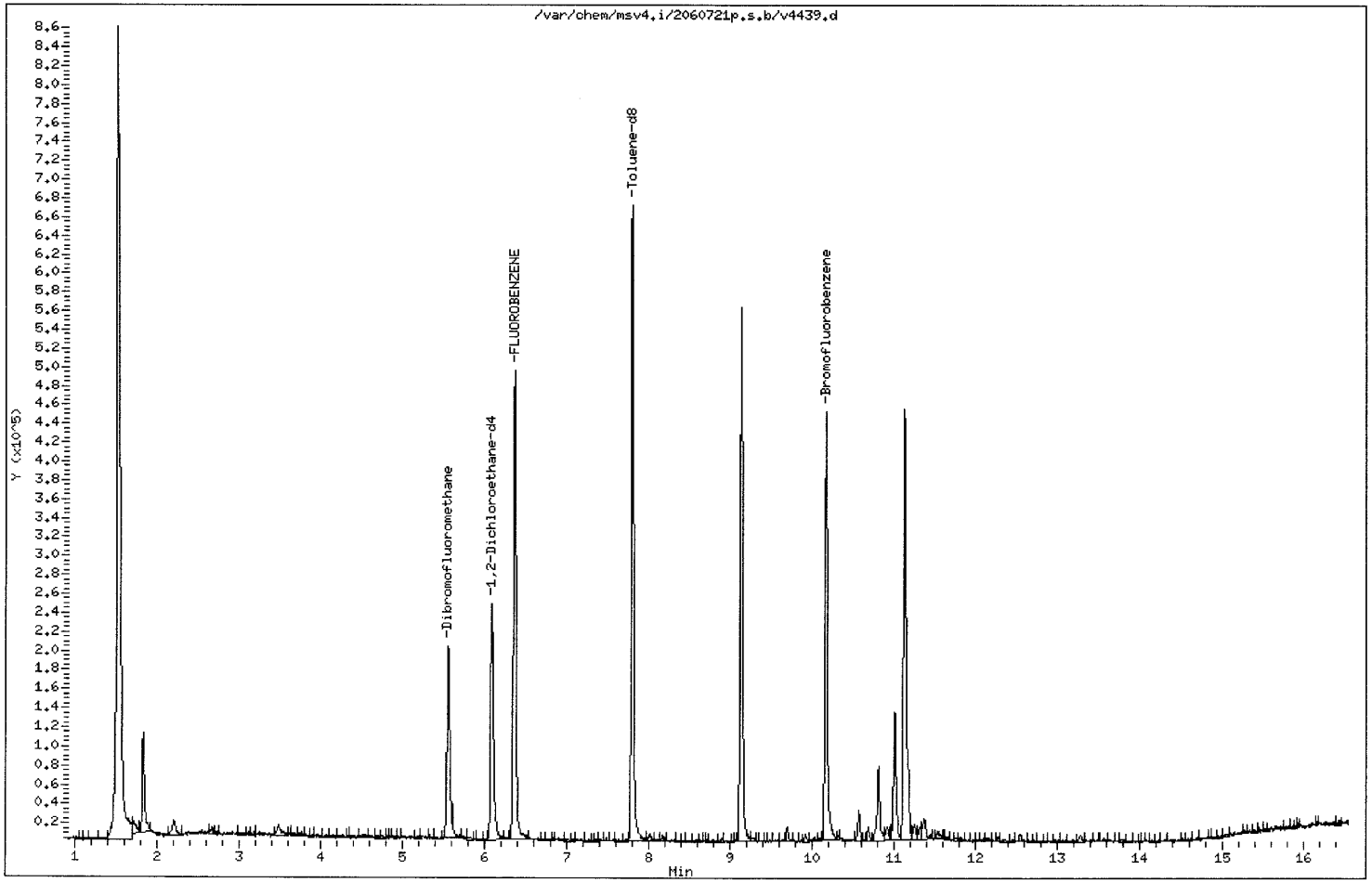
Column phase: DB-624-30M

Page 1

Instrument: msv4.i

Operator: KCB

Column diameter: 0.53



188500

Data File: /var/chem/msv4.i/2060721p.s.b/v4439.d

Date : 21-JUL-2006 23:24

Client ID: MB for HBN 328554

Instrument: msv4.i

Sample Info: 393133*MB for HBN 328554

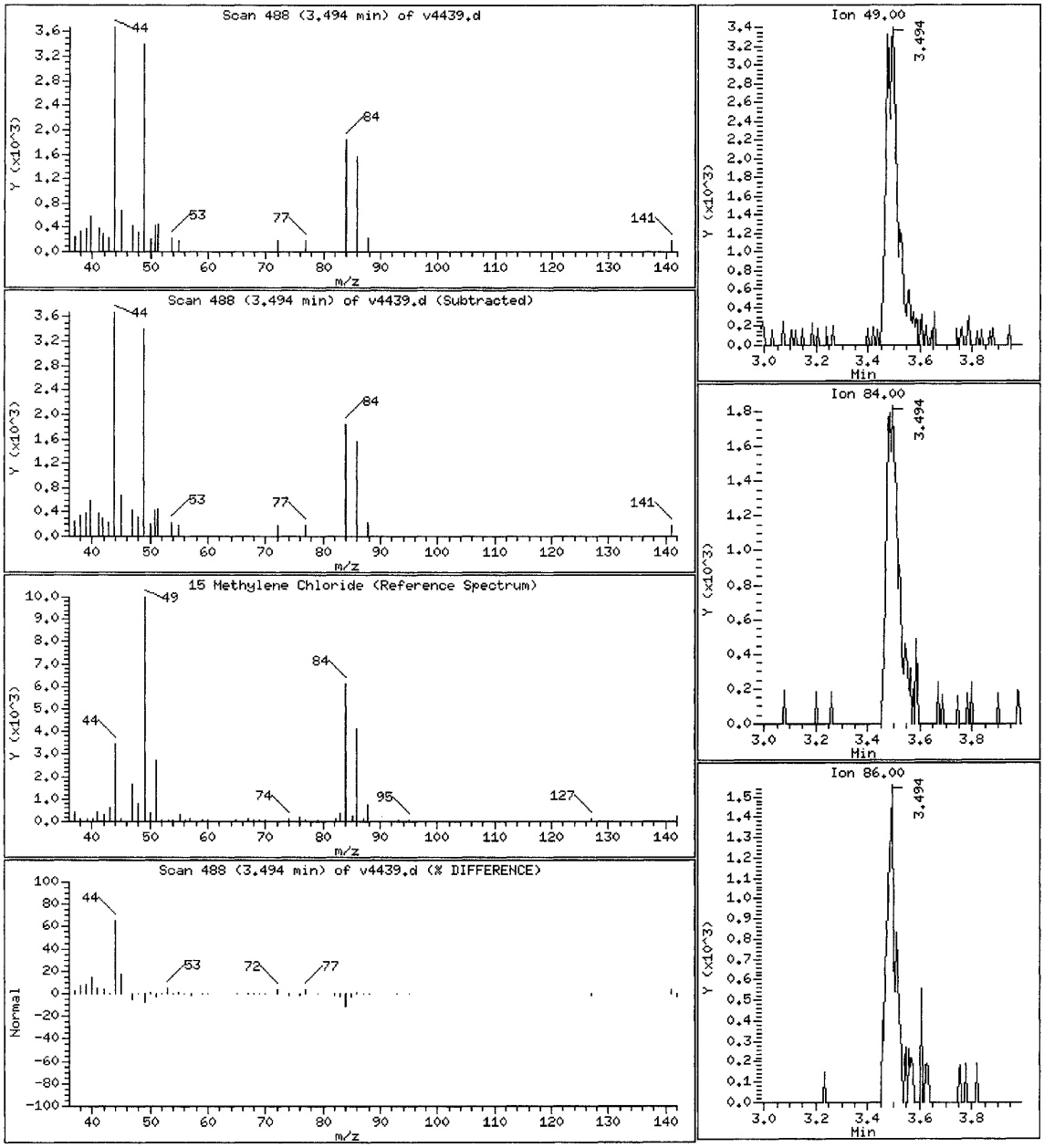
Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

15 Methylene Chloride

Concentration: 2.02 ug/Kg

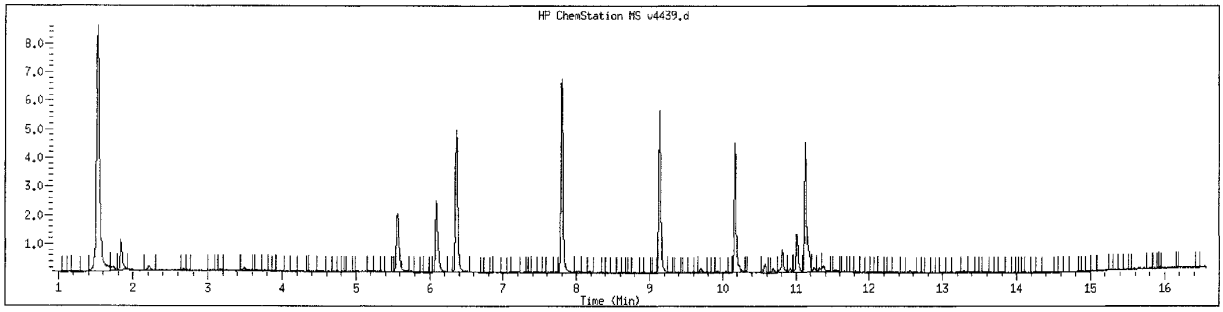


188501

Data file : /var/chem/msv4.i/2060721p.s.b/v4439.d Page: 1
Report Date: 07/22/2006 09:01

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 393133	SampleType	: SAMPLE
Injection Date	: 21-JUL-2006 23:24	Instrument	: msv4.i
Operator	: KCB		
Sample Info	: 393133*MB for HBN 328554		
Misc Info	: MSV~8723~*1*RSS		
Method	: /var/chem/msv4.i/2060721p.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b+nbutyl-ol



NO MANUAL INTEGRATIONS

188502

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
MB393136

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 393136

Level: (low/med) LOW Lab File ID: 2060721Q/G6355

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0039

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	25.0	U	1.42	25.0
107-02-8	Acrolein	25.0	U	1.66	25.0
107-13-1	Acrylonitrile	25.0	U	1.10	25.0
75-27-4	Bromodichloromethane	5.00	U	0.219	5.00
75-25-2	Bromoform	5.00	U	0.216	5.00
74-83-9	Bromomethane	5.00	U	0.477	5.00
75-15-0	Carbon disulfide	5.00	U	0.098	5.00
56-23-5	Carbon tetrachloride	5.00	U	0.128	5.00
75-00-3	Chloroethane	5.00	U	0.596	5.00
136777-61-	m,p-Xylene	5.00	U	0.286	5.00
67-66-3	Chloroform	5.00	U	0.194	5.00
74-87-3	Chloromethane	5.00	U	0.453	5.00
124-48-1	Dibromochloromethane	5.00	U	0.081	5.00
74-95-3	Dibromomethane	5.00	U	0.354	5.00
75-71-8	Dichlorodifluoromethane	5.00	U	0.156	5.00
75-34-3	1,1-Dichloroethane	5.00	U	0.252	5.00
107-06-2	1,2-Dichloroethane	5.00	U	0.205	5.00
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.163	5.00
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.139	5.00
75-09-2	Methylene chloride	2.04	J	0.445	10.0
78-87-5	1,2-Dichloropropane	5.00	U	0.238	5.00
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.211	5.00
10061-02-6	trans-1,3-Dichloropropene	5.00	U	0.236	5.00
100-41-4	Ethylbenzene	5.00	U	0.227	5.00
591-78-6	2-Hexanone	5.00	U	0.403	5.00
98-82-8	Isopropylbenzene (Cumene)	5.00	U	0.122	5.00
78-93-3	2-Butanone	5.00	U	0.429	5.00
74-88-4	Methyl iodide	5.00	U	0.212	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.454	5.00
103-65-1	n-Propylbenzene	5.00	U	0.175	5.00
100-42-5	Styrene	5.00	U	0.135	5.00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB393136

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 393136

Level: (low/med) LOW Lab File ID: 2060721Q/G6355

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0039

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	5.00	U	0.227	5.00
630-20-6	1,1,1,2-Tetrachloroethane	5.00	U	0.343	5.00
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.227	5.00
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.378	5.00
71-55-6	1,1,1-Trichloroethane	5.00	U	0.173	5.00
79-00-5	1,1,2-Trichloroethane	5.00	U	0.131	5.00
75-69-4	Trichlorofluoromethane	5.00	U	0.190	5.00
96-18-4	1,2,3-Trichloropropane	5.00	U	0.462	5.00
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.181	5.00
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.185	5.00
75-01-4	Vinyl chloride	5.00	U	0.089	5.00
95-47-6	o-Xylene	5.00	U	0.223	5.00
96-12-8	1,2-Dibromo-3-chloropropane	5.00	U	0.190	5.00
106-93-4	1,2-Dibromoethane	5.00	U	0.206	5.00
108-05-4	Vinyl acetate	5.00	U	0.240	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	5.00	U	0.179	5.00
99-87-6	4-Isopropyltoluene	5.00	U	0.121	5.00
1330-20-7	Xylene (total)	10.0	U	0.509	10.0
108-87-2	Methylcyclohexane	5.00	U	0.130	5.00
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.492	5.00
110-82-7	Cyclohexane	5.00	U	0.187	5.00
594-20-7	2,2-Dichloropropane	5.00	U	0.196	5.00
79-20-9	Methyl Acetate	5.00	U	0.477	5.00
76-13-1	Trichlorotrifluoroethane	5.00	U	0.360	5.00
563-58-6	1,1-Dichloropropene	5.00	U	0.102	5.00
110-75-8	2-Chloroethylvinyl ether	5.00	U	0.221	5.00
142-28-9	1,3-Dichloropropane	5.00	U	0.218	5.00
108-86-1	Bromobenzene	5.00	U	0.196	5.00
95-49-8	2-Chlorotoluene	5.00	U	0.166	5.00
106-43-4	4-Chlorotoluene	5.00	U	0.211	5.00
98-06-6	tert-Butylbenzene	5.00	U	0.159	5.00
135-98-8	sec-Butylbenzene	5.00	U	0.157	5.00

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB393136

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 393136

Level: (low/med) LOW Lab File ID: 2060721Q/G6355

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/22/06 Time: 0039

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	5.00	U	0.125	5.00
106-46-7	1,4-Dichlorobenzene	5.00	U	0.135	5.00
104-51-8	n-Butylbenzene	5.00	U	0.414	5.00
95-50-1	1,2-Dichlorobenzene	5.00	U	0.240	5.00
87-68-3	Hexachlorobutadiene	5.00	U	0.243	5.00
91-20-3	Naphthalene	5.00	U	0.304	5.00
71-36-3	n-Butyl alcohol	25.0	U	25.0	25.0
75-35-4	1,1-Dichloroethene	5.00	U	0.229	5.00
71-43-2	Benzene	5.00	U	0.225	5.00
79-01-6	Trichloroethene	5.00	U	0.270	5.00
108-88-3	Toluene	5.00	U	0.213	5.00
108-90-7	Chlorobenzene	5.00	U	0.213	5.00

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6355.d
Lab Smp Id: 393136 Client Smp ID: MB for HBN 328555
Inj Date : 22-JUL-2006 00:39
Operator : KCB Inst ID: msv5.i
Smp Info : 393136*MB for HBN 328555
Misc Info : MSV~8724~*1*RSS
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Meth Date : 22-Jul-2006 05:56 kcb Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 14 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

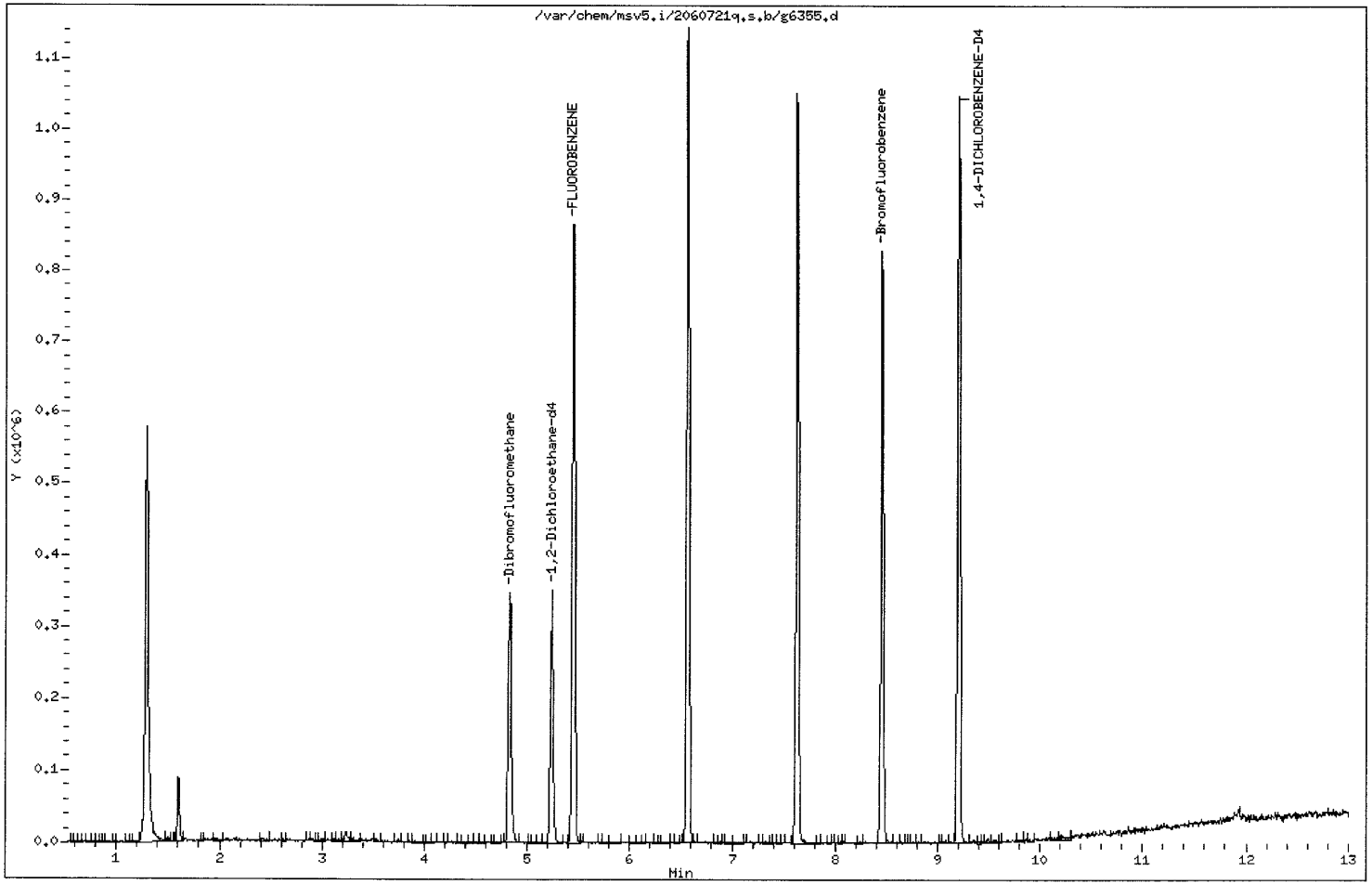
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
17 Methylene Chloride	49	3.237	3.239	(0.594)	8275	2.03854	2.04	
18 Acetone	43	3.302	3.298	(0.606)	4435	1.19749	1.20	
$ 39 Dibromofluoromethane	111	4.827	4.827	(0.886)	231665	55.8182	55.8	1683
$ 48 1,2-Dichloroethane-d4	67	5.237	5.238	(0.961)	123882	53.0938	53.1	
* 52 FLUOROBENZENE	96	5.448	5.443	(1.000)	754518	50.0000		
$ 67 Toluene-d8	98	6.565	6.563	(0.861)	730635	54.4849	54.5	
* 83 CHLOROBENZENE-d5	82	7.623	7.624	(1.000)	329593	50.0000		
$ 94 Bromofluorobenzene	174	8.454	8.452	(1.109)	235132	54.4036	54.4	
* 111 1,4-DICHLOROBENZENE-D4	152	9.203	9.200	(1.000)	277289	50.0000		

Data File: /var/chem/msv5.i/2060721q.s.b/g6355.d
Date : 22-JUL-2006 00:39
Client ID: MB for HBN 328555
Sample Info: 393136*MB for HBN 328555
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: KCB
Column diameter: 0.53



000535

188507

Data File: /var/chem/msv5.i/20060721q.s.b/g6355.d

Date : 22-JUL-2006 00:39

Client ID: MB for HBN 328555

Instrument: msv5.i

Sample Info: 393136*MB for HBN 328555

Purge Volume: 5.0

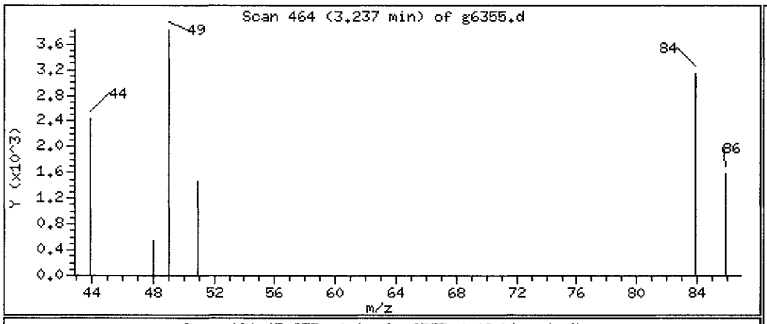
Operator: KCB

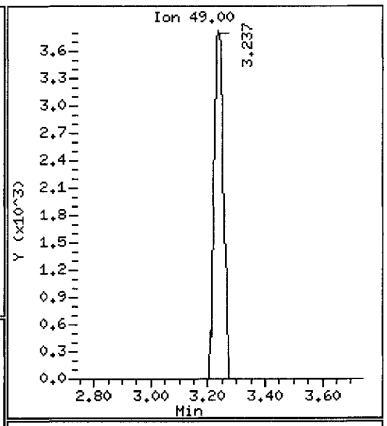
Column phase: DB-VRX-30M

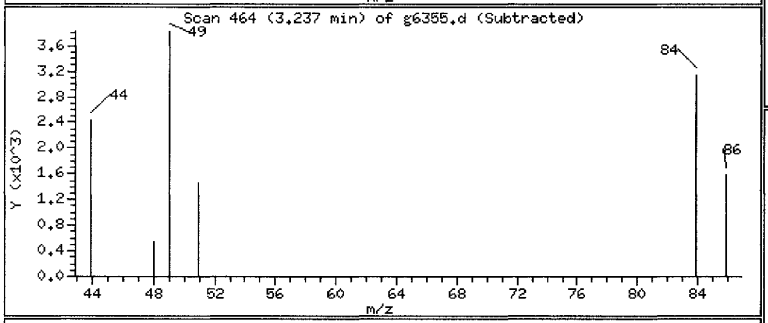
Column diameter: 0.53

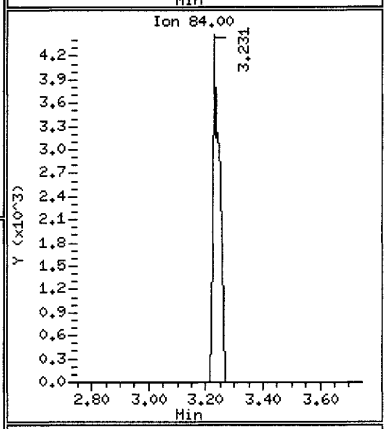
17 Methylene Chloride

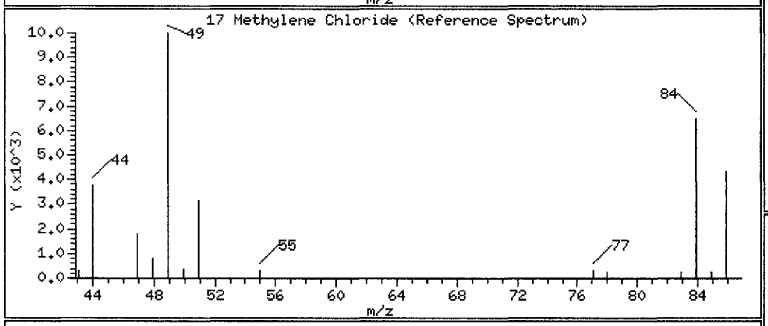
Concentration: 2.04 ug/L

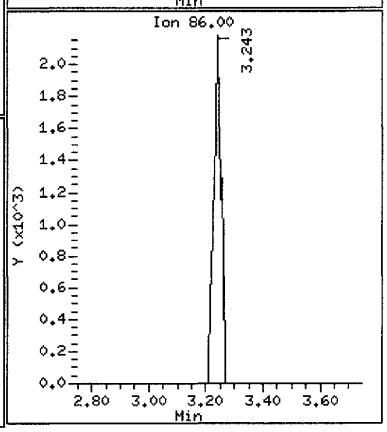


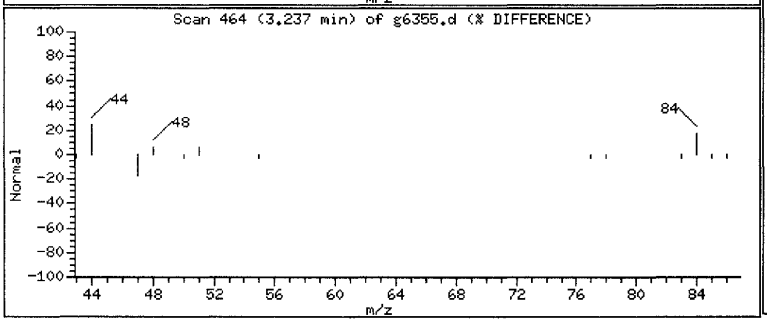












188508

Data File: /var/chem/msv5.i/20060721q.s.b/g6355.d

Date : 22-JUL-2006 00:39

Client ID: MB for HBN 328555

Instrument: msv5.i

Sample Info: 393136*MB for HBN 328555

Purge Volume: 5.0

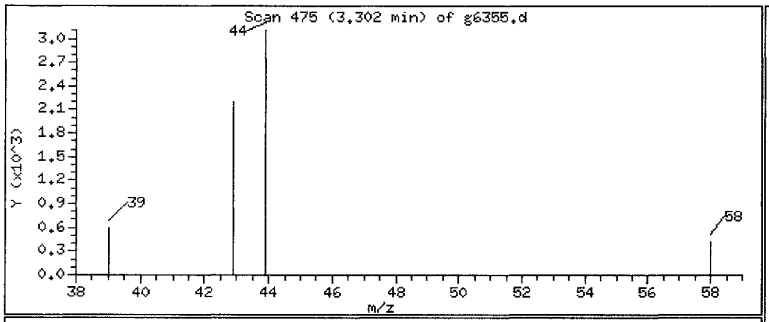
Operator: KCB

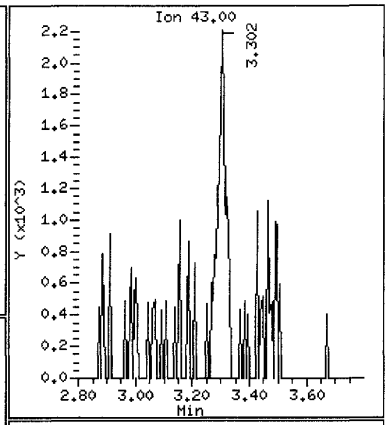
Column phase: DB-VRX-30M

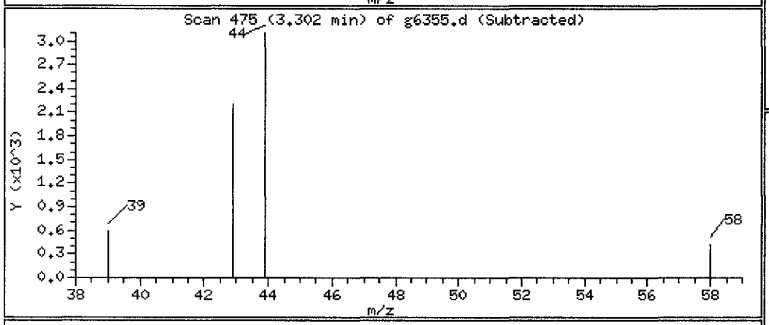
Column diameter: 0.53

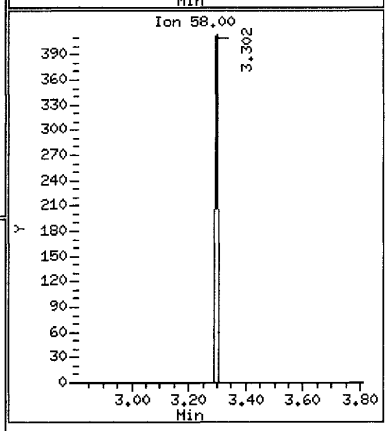
18 Acetone

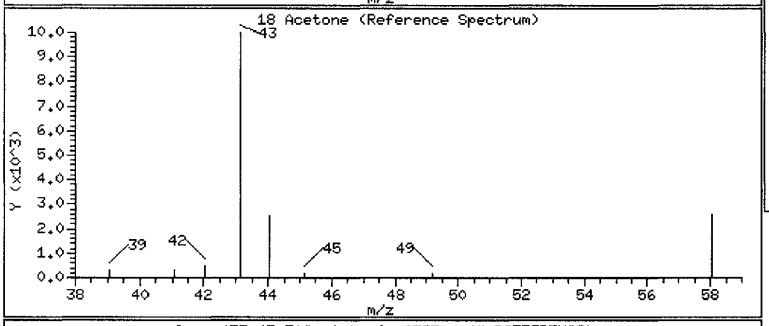
Concentration: 1.20 ug/L

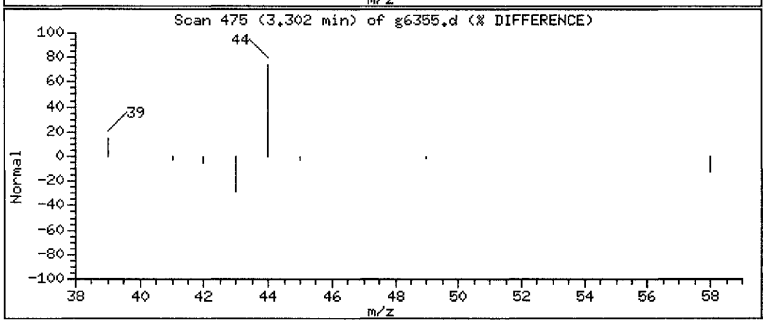










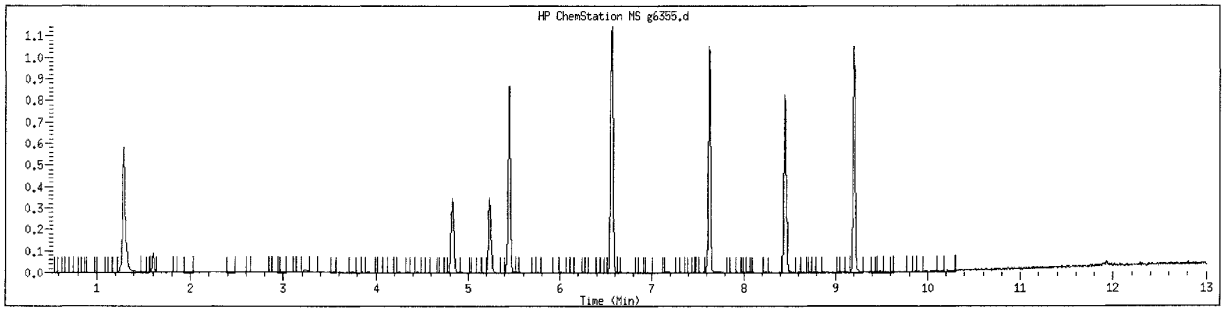


188509

Data file : /var/chem/msv5.i/2060721q.s.b/g6355.d
Report Date: 07/22/2006 06:08

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 393136 SampleType : BLANK
Injection Date: 22-JUL-2006 00:39 Instrument : msv5.i
Operator : KCB
Sample Info : 393136*MB for HBN 328555
Misc Info : MSV~8724~*1*RSS
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Dilution : 1.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: all



NO MANUAL INTEGRATIONS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
MB393346

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393346

Level: (low/med) LOW Lab File ID: 2060722Q/V4477

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1632

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	3.91	J	0.374	25.0
107-02-8	Acrolein	25.0	U	2.34	25.0
107-13-1	Acrylonitrile	25.0	U	0.712	25.0
75-27-4	Bromodichloromethane	5.00	U	0.135	5.00
75-25-2	Bromoform	5.00	U	0.169	5.00
74-83-9	Bromomethane	5.00	U	1.51	5.00
75-15-0	Carbon disulfide	5.00	U	0.109	5.00
56-23-5	Carbon tetrachloride	5.00	U	0.120	5.00
75-00-3	Chloroethane	5.00	U	0.606	5.00
136777-61-	m,p-Xylene	5.00	U	0.398	5.00
67-66-3	Chloroform	5.00	U	0.141	5.00
74-87-3	Chloromethane	5.00	U	0.464	5.00
124-48-1	Dibromochloromethane	5.00	U	0.090	5.00
74-95-3	Dibromomethane	5.00	U	0.156	5.00
75-71-8	Dichlorodifluoromethane	5.00	U	0.364	5.00
75-34-3	1,1-Dichloroethane	5.00	U	0.159	5.00
107-06-2	1,2-Dichloroethane	5.00	U	0.114	5.00
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.126	5.00
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.164	5.00
75-09-2	Methylene chloride	1.60	J	0.479	10.0
78-87-5	1,2-Dichloropropane	5.00	U	0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	5.00	U	0.141	5.00
100-41-4	Ethylbenzene	5.00	U	0.207	5.00
591-78-6	2-Hexanone	5.00	U	0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	5.00	U	0.153	5.00
78-93-3	2-Butanone	1.05	J	0.312	5.00
74-88-4	Methyl iodide	5.00	U	0.906	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.173	5.00
103-65-1	n-Propylbenzene	5.00	U	0.140	5.00
100-42-5	Styrene	5.00	U	0.152	5.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
MB393346

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393346

Level: (low/med) LOW Lab File ID: 2060722Q/V4477

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1632

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	5.00	U	0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	5.00	U	0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.327	5.00
71-55-6	1,1,1-Trichloroethane	5.00	U	0.123	5.00
79-00-5	1,1,2-Trichloroethane	5.00	U	0.114	5.00
75-69-4	Trichlorofluoromethane	5.00	U	0.252	5.00
96-18-4	1,2,3-Trichloropropane	2.00	U	0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.163	5.00
75-01-4	Vinyl chloride	5.00	U	0.351	5.00
95-47-6	o-Xylene	5.00	U	0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	5.00	U	0.866	5.00
106-93-4	1,2-Dibromoethane	5.00	U	0.150	5.00
108-05-4	Vinyl acetate	5.00	U	0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	5.00	U	0.074	5.00
99-87-6	4-Isopropyltoluene	5.00	U	0.161	5.00
1330-20-7	Xylene (total)	10.0	U	0.572	10.0
108-87-2	Methylcyclohexane	5.00	U	0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.721	5.00
110-82-7	Cyclohexane	5.00	U	1.11	5.00
594-20-7	2,2-Dichloropropane	5.00	U	0.176	5.00
79-20-9	Methyl Acetate	5.00	U	1.53	5.00
76-13-1	Trichlorotrifluoroethane	5.00	U	0.188	5.00
563-58-6	1,1-Dichloropropene	5.00	U	0.130	5.00
110-75-8	2-Chloroethylvinyl ether	5.00	U	2.10	5.00
142-28-9	1,3-Dichloropropane	5.00	U	0.136	5.00
108-86-1	Bromobenzene	5.00	U	0.235	5.00
95-49-8	2-Chlorotoluene	5.00	U	0.150	5.00
106-43-4	4-Chlorotoluene	5.00	U	0.325	5.00
98-06-6	tert-Butylbenzene	5.00	U	0.252	5.00
135-98-8	sec-Butylbenzene	5.00	U	0.117	5.00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB393346

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393346

Level: (low/med) LOW Lab File ID: 2060722Q/V4477

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1632

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	5.00	U	0.236	5.00
106-46-7	1,4-Dichlorobenzene	5.00	U	0.421	5.00
104-51-8	n-Butylbenzene	5.00	U	0.178	5.00
95-50-1	1,2-Dichlorobenzene	5.00	U	0.114	5.00
87-68-3	Hexachlorobutadiene	5.00	U	1.25	5.00
91-20-3	Naphthalene	5.00	U	0.376	5.00
71-36-3	n-Butyl alcohol	25.0	U	1.00	25.0
75-35-4	1,1-Dichloroethene	5.00	U	0.359	5.00
71-43-2	Benzene	5.00	U	0.104	5.00
79-01-6	Trichloroethene	5.00	U	0.177	5.00
108-88-3	Toluene	5.00	U	0.550	5.00
108-90-7	Chlorobenzene	5.00	U	0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4477.d
Lab Smp Id: 393346 Client Smp ID: MB for HBN 328585
Inj Date : 22-JUL-2006 16:32
Operator : RSS Inst ID: msv4.i
Smp Info : 393346*MB for HBN 328585
Misc Info : MSV~8729~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:52 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
15 Methylene Chloride	49	3.503	3.494	(0.550)	9471	1.60151	1.60	7524
17 Acetone	43	3.561	3.552	(0.559)	14380	3.90661	3.91	6664(H)
$ 44 Dibromofluoromethane	111	5.572	5.569	(0.874)	188126	53.4468	53.4	2939
46 2-Butanone	43	5.709	5.711	(0.896)	9437	1.04849	1.05	
$ 54 1,2-Dichloroethane-d4	67	6.105	6.102	(0.958)	114776	48.0590	48.1	9505
* 58 FLUOROBENZENE	96	6.374	6.371	(1.000)	511665	50.0000		9467
$ 76 Toluene-d8	98	7.810	7.807	(0.854)	485620	64.2489	64.2	9391
* 90 Chlorobenzene-d5	82	9.145	9.148	(1.000)	194289	50.0000		9064
$ 103 Bromofluorobenzene	174	10.180	10.177	(1.113)	149478	57.8168	57.8	8910
* 121 1,4-DICHLOROBENZENE-D4	152	11.140	11.138	(1.000)	139615	50.0000		8888

QC Flag Legend

H - Operator selected an alternate compound hit.

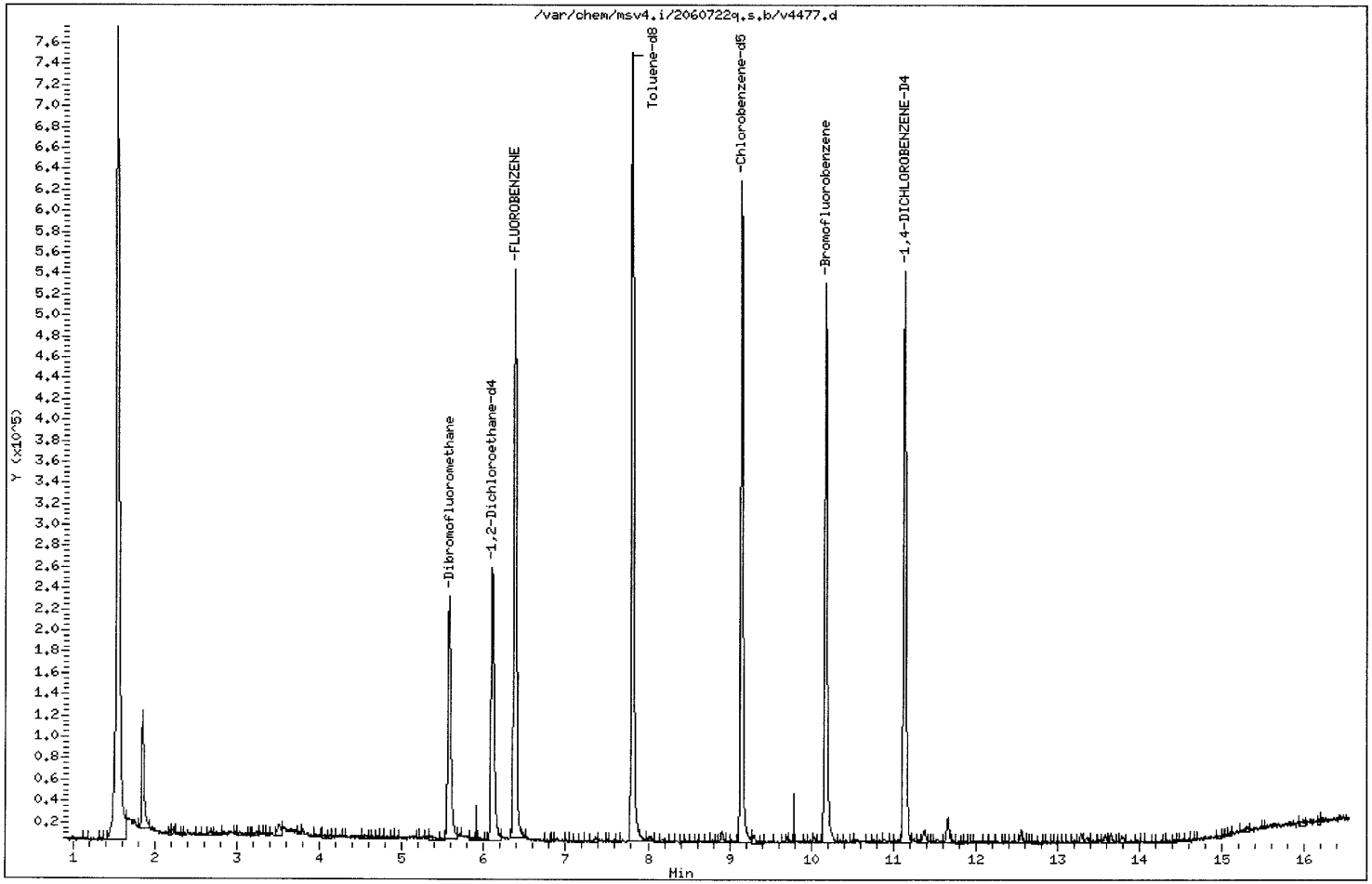
Data File: /var/chem/msv4.i/2060722q.s.b/v4477.d
Date : 22-JUL-2006 16:32
Client ID: MB for HBN 328585
Sample Info: 393346*MB for HBN 328585

Column phase: DB-624-30M

Page 1

Instrument: msv4.i

Operator: RSS
Column diameter: 0.53



188516

Data File: /var/chem/msv4.i/2060722q.s.b/v4477.d

Date : 22-JUL-2006 16:32

Client ID: MB for HBN 328585

Instrument: msv4.i

Sample Info: 393346*MB for HBN 328585

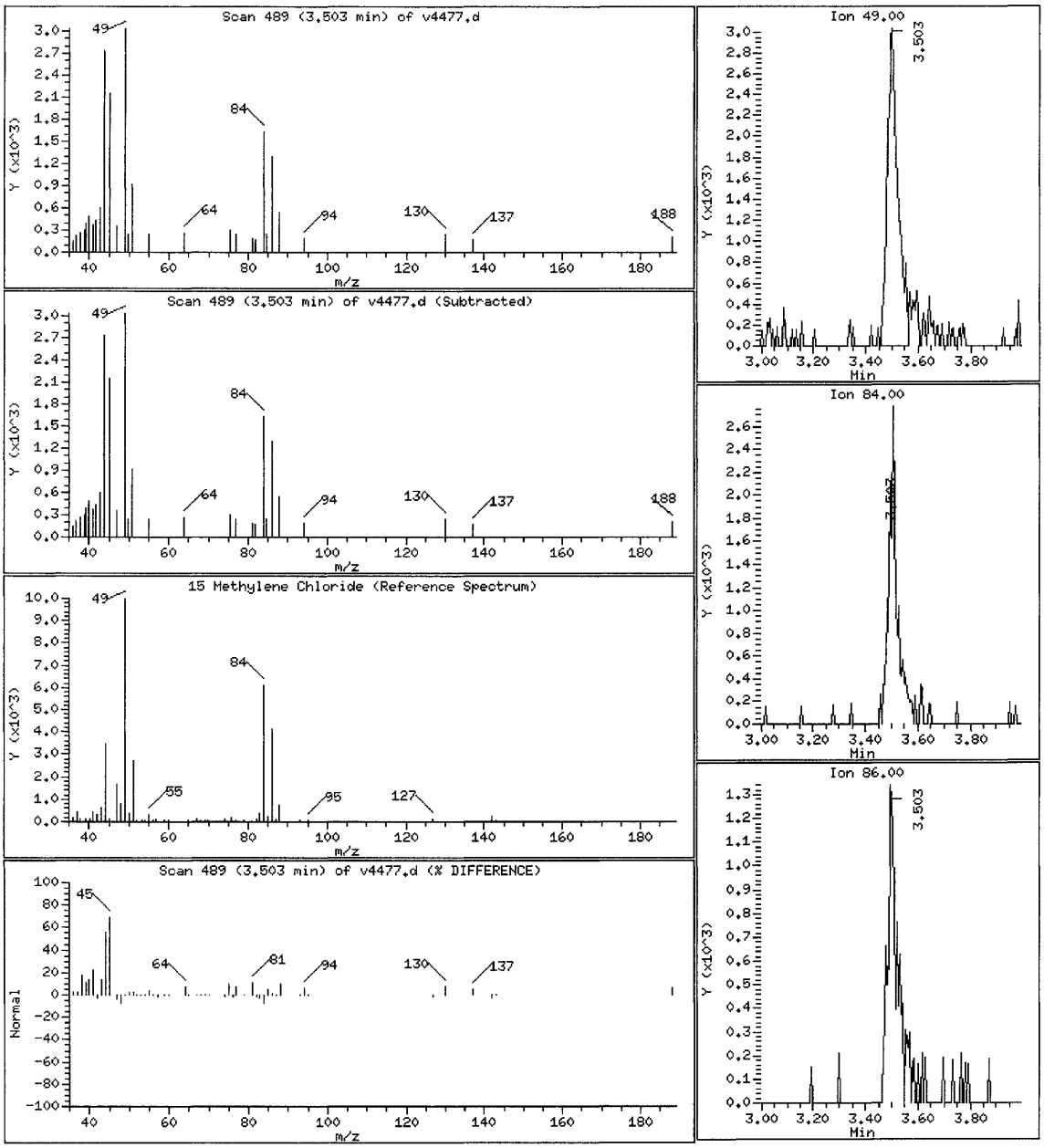
Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

15 Methylene Chloride

Concentration: 1.60 ug/Kg



188517

Data File: /var/chem/msv4.i/2060722q.s.b/v4477.d

Date : 22-JUL-2006 16:32

Client ID: MB for HBN 328585

Instrument: msv4.i

Sample Info: 393346*MB for HBN 328585

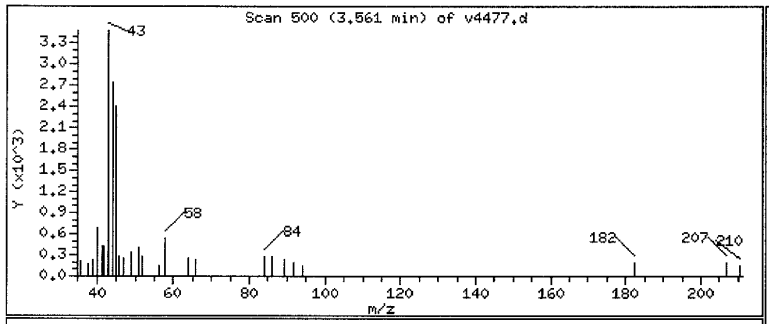
Operator: RSS

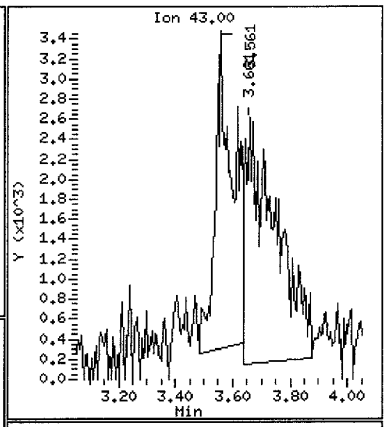
Column phase: DB-624-30M

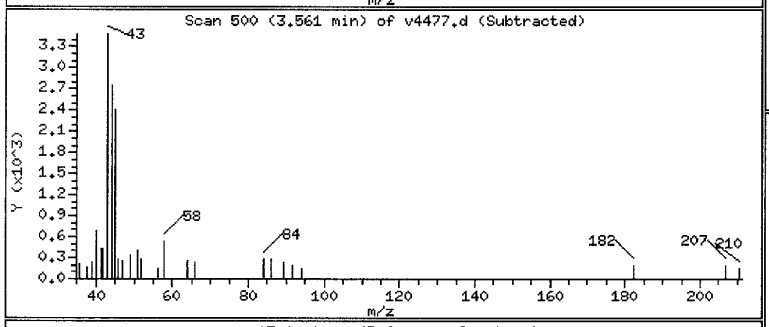
Column diameter: 0.53

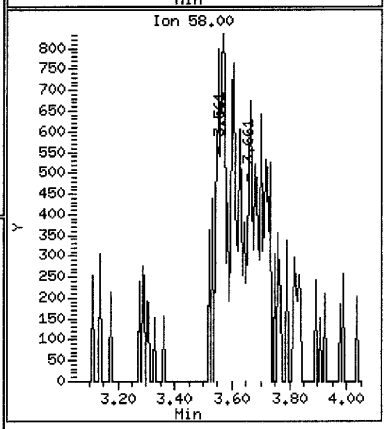
17 Acetone

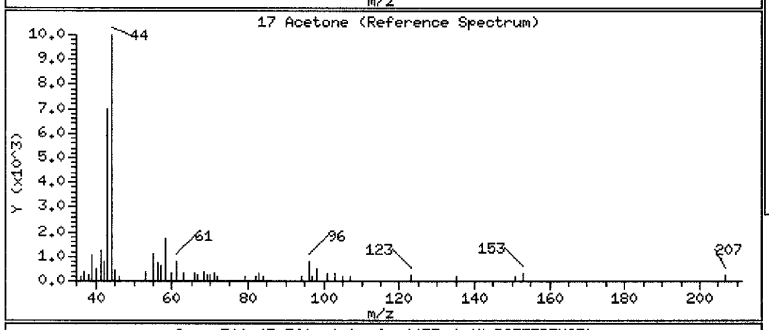
Concentration: 3.91 ug/Kg

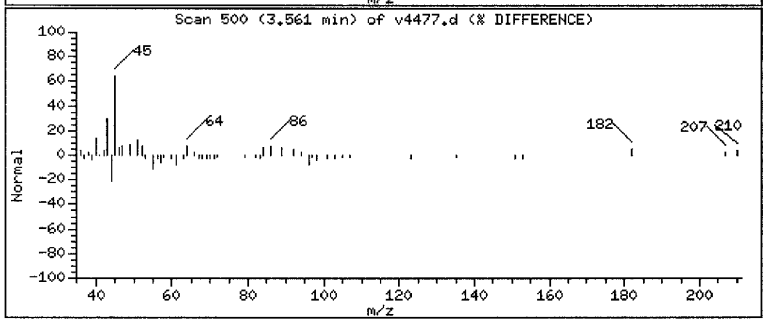












188518

Data File: /var/chem/msv4.i/20060722q.s.b/v4477.d

Date : 22-JUL-2006 16:32

Client ID: MB for HBN 328585

Instrument: msv4.i

Sample Info: 393346*MB for HBN 328585

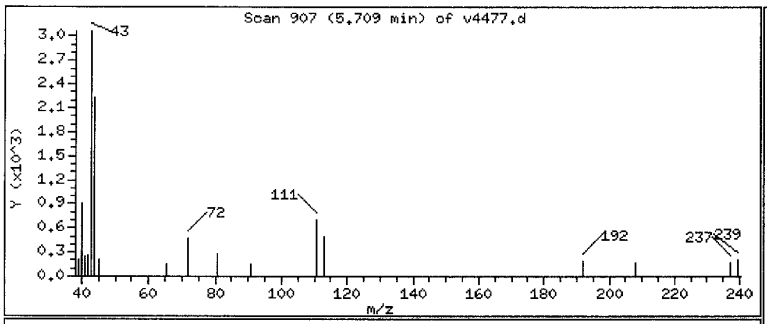
Operator: RSS

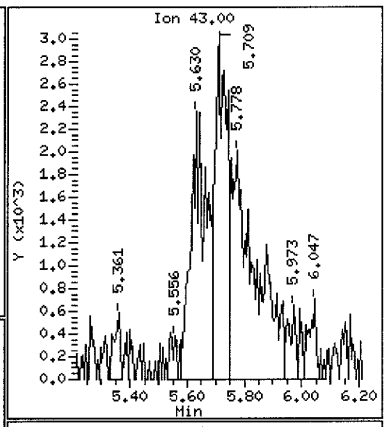
Column phase: DB-624-30M

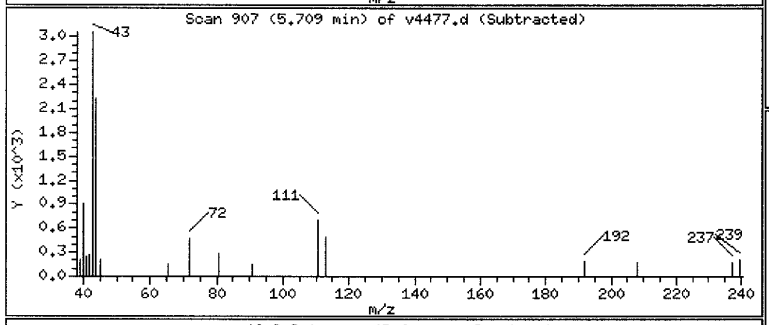
Column diameter: 0.53

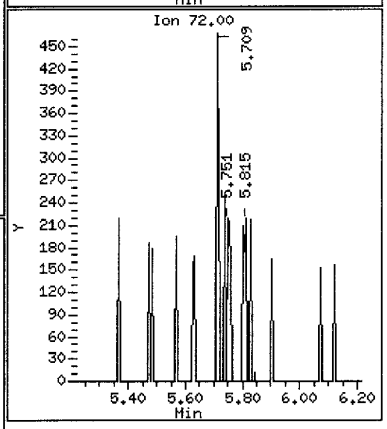
46 2-Butanone

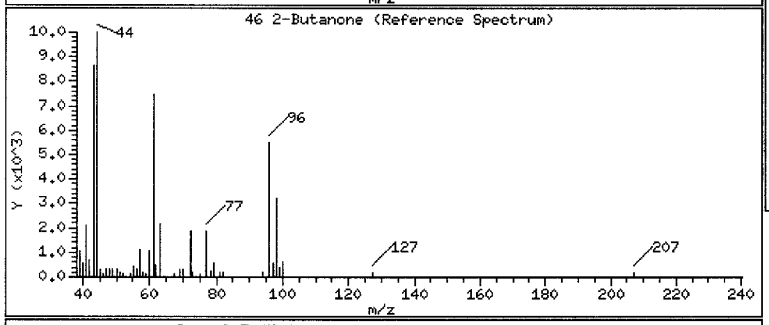
Concentration: 1.05 ug/Kg

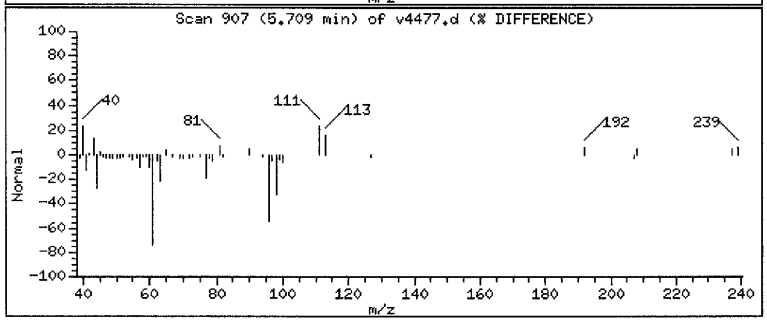










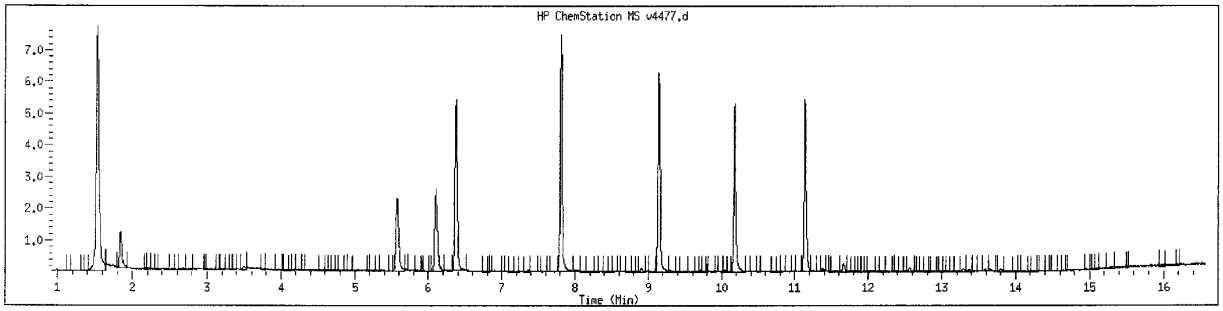


188519

Data file : /var/chem/msv4.i/2060722q.s.b/v4477.d Page: 1
Report Date: 07/23/2006 11:21

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 393346 SampleType : BLANK
Injection Date: 22-JUL-2006 16:32 Instrument : msv4.i
Operator : RSS
Sample Info : 393346*MB for HBN 328585
Misc Info : MSV~8729~*1*ABD
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b+nbutyl-ol



NO MANUAL INTEGRATIONS

188520

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB393393

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393393

Level: (low/med) LOW Lab File ID: 2060723/V4513

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0930

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	10.1	J	0.374	25.0
107-02-8	Acrolein	25.0	U	2.34	25.0
107-13-1	Acrylonitrile	25.0	U	0.712	25.0
75-27-4	Bromodichloromethane	5.00	U	0.135	5.00
75-25-2	Bromoform	5.00	U	0.169	5.00
74-83-9	Bromomethane	5.00	U	1.51	5.00
75-15-0	Carbon disulfide	5.00	U	0.109	5.00
56-23-5	Carbon tetrachloride	5.00	U	0.120	5.00
75-00-3	Chloroethane	5.00	U	0.606	5.00
136777-61-	m,p-Xylene	5.00	U	0.398	5.00
67-66-3	Chloroform	5.00	U	0.141	5.00
74-87-3	Chloromethane	5.00	U	0.464	5.00
124-48-1	Dibromochloromethane	5.00	U	0.090	5.00
74-95-3	Dibromomethane	5.00	U	0.156	5.00
75-71-8	Dichlorodifluoromethane	5.00	U	0.364	5.00
75-34-3	1,1-Dichloroethane	5.00	U	0.159	5.00
107-06-2	1,2-Dichloroethane	5.00	U	0.114	5.00
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.126	5.00
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.164	5.00
75-09-2	Methylene chloride	1.18	J	0.479	10.0
78-87-5	1,2-Dichloropropane	5.00	U	0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	5.00	U	0.141	5.00
100-41-4	Ethylbenzene	5.00	U	0.207	5.00
591-78-6	2-Hexanone	5.00	U	0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	5.00	U	0.153	5.00
78-93-3	2-Butanone	1.13	J	0.312	5.00
74-88-4	Methyl iodide	5.00	U	0.906	5.00
108-10-1	4-Methyl-2-pentanone	5.00	U	0.173	5.00
103-65-1	n-Propylbenzene	5.00	U	0.140	5.00
100-42-5	Styrene	1.69	J	0.152	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
MB393393

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393393

Level: (low/med) LOW Lab File ID: 2060723/V4513

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0930

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	5.00	U	0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	5.00	U	0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.327	5.00
71-55-6	1,1,1-Trichloroethane	5.00	U	0.123	5.00
79-00-5	1,1,2-Trichloroethane	5.00	U	0.114	5.00
75-69-4	Trichlorofluoromethane	5.00	U	0.252	5.00
96-18-4	1,2,3-Trichloropropane	2.00	U	0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.163	5.00
75-01-4	Vinyl chloride	5.00	U	0.351	5.00
95-47-6	o-Xylene	5.00	U	0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	5.00	U	0.866	5.00
106-93-4	1,2-Dibromoethane	5.00	U	0.150	5.00
108-05-4	Vinyl acetate	5.00	U	0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	5.00	U	0.074	5.00
99-87-6	4-Isopropyltoluene	5.00	U	0.161	5.00
1330-20-7	Xylene (total)	10.0	U	0.572	10.0
108-87-2	Methylcyclohexane	5.00	U	0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.721	5.00
110-82-7	Cyclohexane	5.00	U	1.11	5.00
594-20-7	2,2-Dichloropropane	5.00	U	0.176	5.00
79-20-9	Methyl Acetate	5.00	U	1.53	5.00
76-13-1	Trichlorotrifluoroethane	5.00	U	0.188	5.00
563-58-6	1,1-Dichloropropene	5.00	U	0.130	5.00
110-75-8	2-Chloroethylvinyl ether	5.00	U	2.10	5.00
142-28-9	1,3-Dichloropropane	5.00	U	0.136	5.00
108-86-1	Bromobenzene	5.00	U	0.235	5.00
95-49-8	2-Chlorotoluene	5.00	U	0.150	5.00
106-43-4	4-Chlorotoluene	5.00	U	0.325	5.00
98-06-6	tert-Butylbenzene	5.00	U	0.252	5.00
135-98-8	sec-Butylbenzene	5.00	U	0.117	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
MB393393

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393393

Level: (low/med) LOW Lab File ID: 2060723/V4513

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0930

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	5.00	U	0.236	5.00
106-46-7	1,4-Dichlorobenzene	5.00	U	0.421	5.00
104-51-8	n-Butylbenzene	5.00	U	0.178	5.00
95-50-1	1,2-Dichlorobenzene	5.00	U	0.114	5.00
87-68-3	Hexachlorobutadiene	5.00	U	1.25	5.00
91-20-3	Naphthalene	5.00	U	0.376	5.00
71-36-3	n-Butyl alcohol	25.0	U	1.00	25.0
75-35-4	1,1-Dichloroethene	5.00	U	0.359	5.00
71-43-2	Benzene	5.00	U	0.104	5.00
79-01-6	Trichloroethene	5.00	U	0.177	5.00
108-88-3	Toluene	5.00	U	0.550	5.00
108-90-7	Chlorobenzene	5.00	U	0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4513.d
Lab Smp Id: 393393 Client Smp ID: MB for HBN 328605
Inj Date : 23-JUL-2006 09:30
Operator : RSS Inst ID: msv4.i
Smp Info : 393393*MB for HBN 328605
Misc Info : MSV~8738~*1*KCB
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 23-Jul-2006 11:10 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
15 Methylene Chloride	49	3.494	3.504	(0.548)	5452	1.18223	1.18	7036
17 Acetone	43	3.563	3.588	(0.559)	24037	10.1375	10.1	7382(H)
$ 44 Dibromofluoromethane	111	5.569	5.578	(0.873)	147279	49.0467	49.0	2912
46 2-Butanone	43	5.717	5.731	(0.897)	8663	1.12822	1.13	
$ 54 1,2-Dichloroethane-d4	67	6.102	6.106	(0.957)	99647	48.9083	48.9	9359
* 58 FLUOROBENZENE	96	6.376	6.380	(1.000)	436506	50.0000		9356
$ 76 Toluene-d8	98	7.807	7.811	(0.854)	395988	60.8307	60.8	9255
* 90 Chlorobenzene-d5	82	9.142	9.146	(1.000)	167331	50.0000		8952
99 Styrene	104	9.707	9.711	(1.062)	8913	1.69062	1.69	8530
$ 103 Bromofluorobenzene	174	10.177	10.181	(1.113)	116003	52.0976	52.1	8811
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.136	(1.000)	115102	50.0000		8625

QC Flag Legend

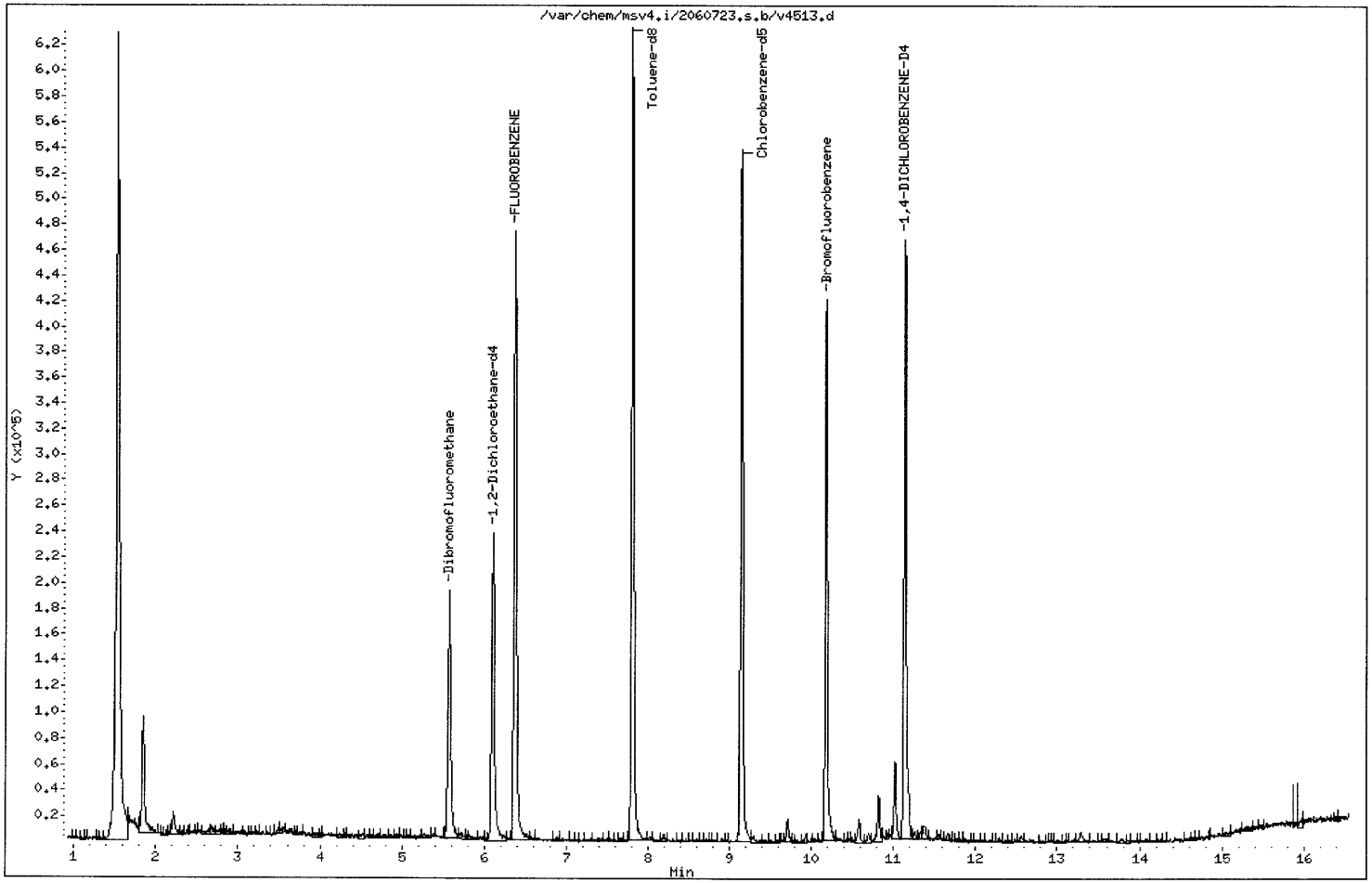
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060723.s.b/v4513.d
Date : 23-JUL-2006 09:30
Client ID: MB for HBN 328605
Sample Info: 393393*MB for HBN 328605

Column phase: DB-624-30M

Instrument: msv4.i

Operator: RSS
Column diameter: 0.53



188526

Data File: /var/chem/msv4.i/2060723.s.b/v4513.d

Date : 23-JUL-2006 09:30

Client ID: MB for HBN 328605

Instrument: msv4.i

Sample Info: 393393*MB for HBN 328605

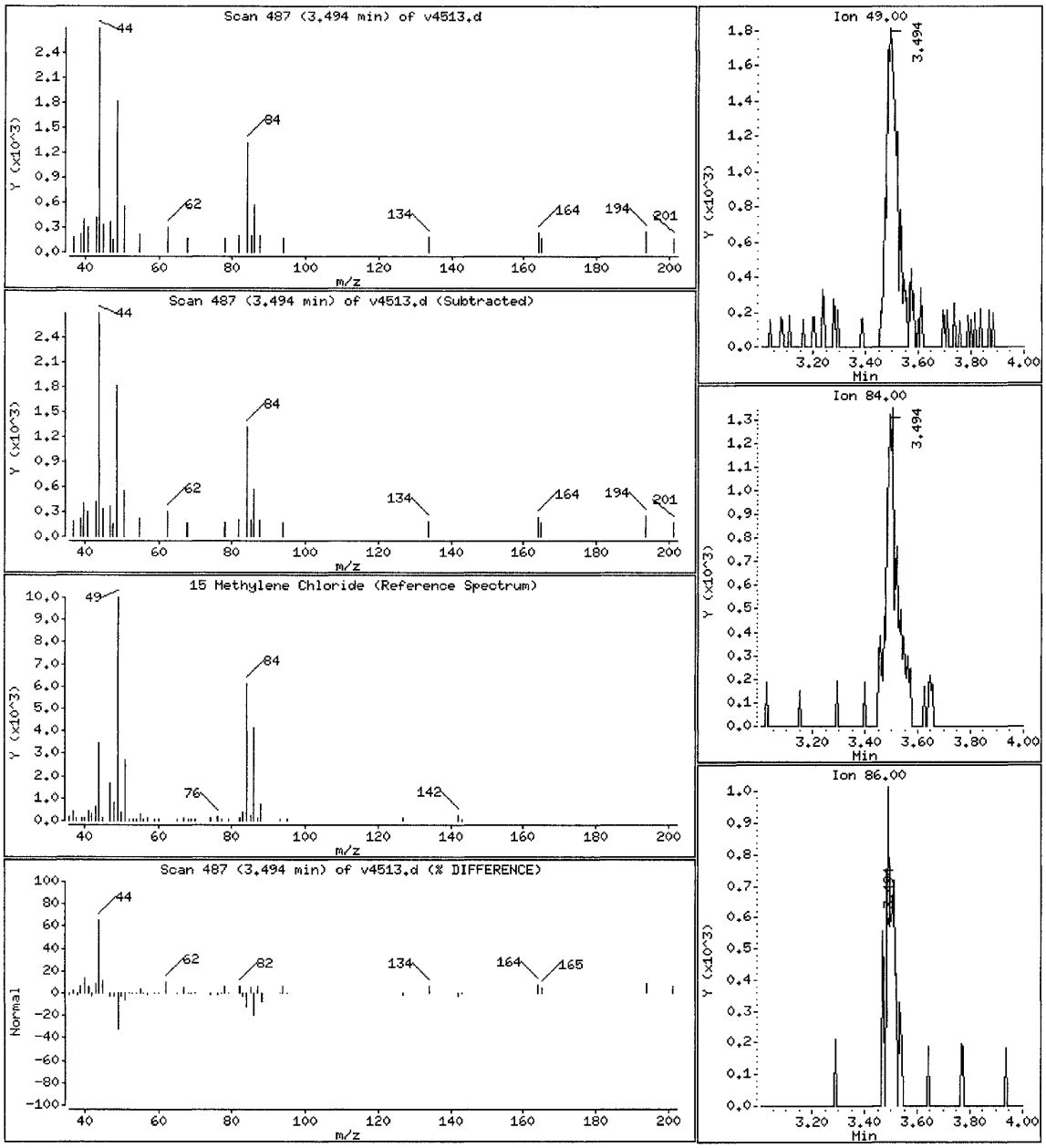
Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

15 Methylene Chloride

Concentration: 1.18 ug/Kg



188527

Data File: /var/chem/msv4.i/2060723.s.b/v4513.d

Date : 23-JUL-2006 09:30

Client ID: MB for HBN 328605

Instrument: msv4.i

Sample Info: 393393*MB for HBN 328605

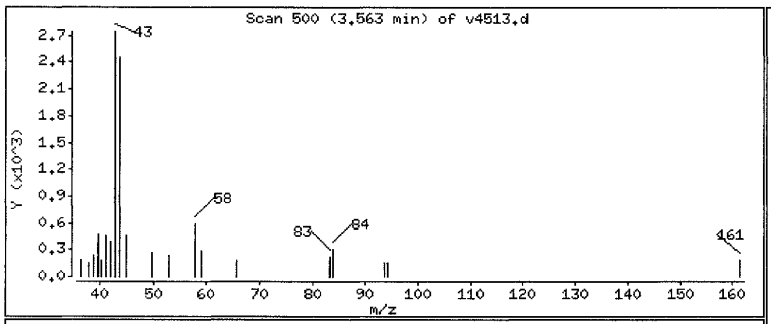
Operator: RSS

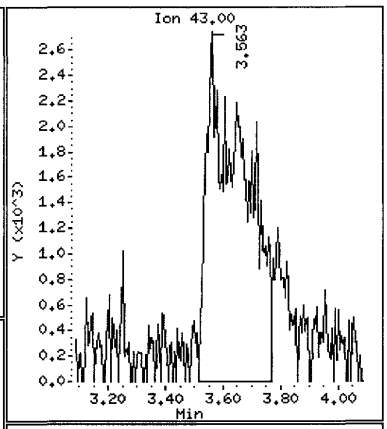
Column phase: DB-624-30M

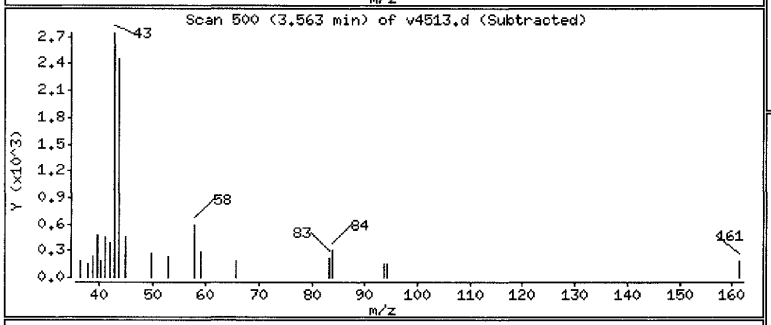
Column diameter: 0.53

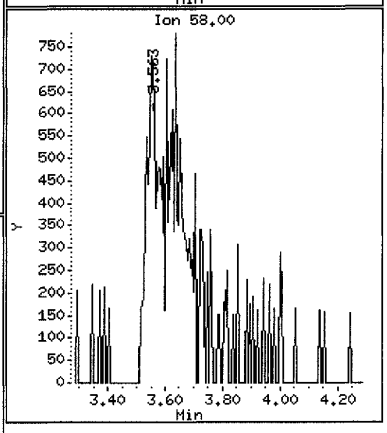
17 Acetone

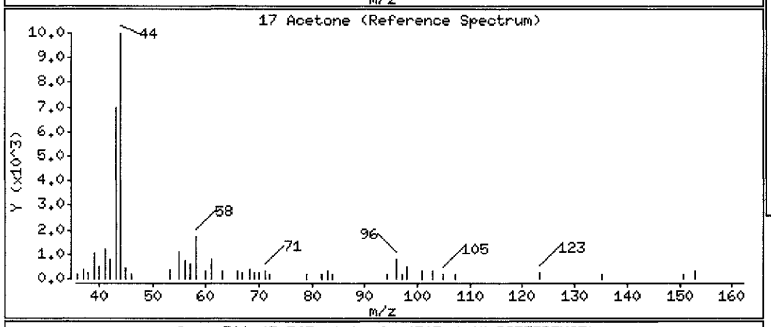
Concentration: 10.1 ug/Kg

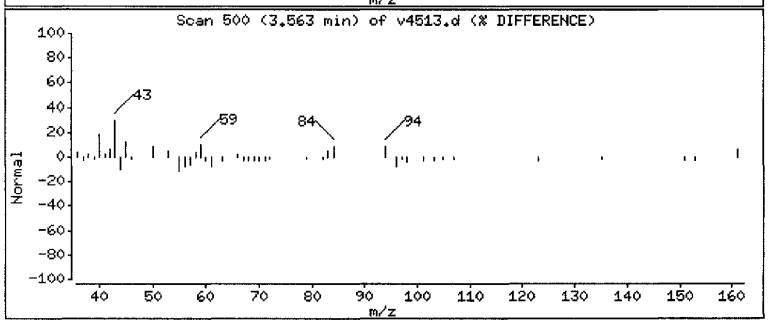












188528

Data File: /var/chem/msv4.i/2060723.s.b/v4513.d

Date : 23-JUL-2006 09:30

Client ID: MB for HBN 328605

Instrument: msv4.i

Sample Info: 393393*MB for HBN 328605

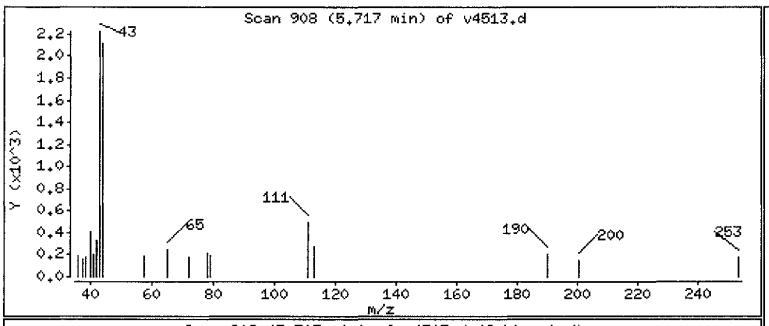
Operator: RSS

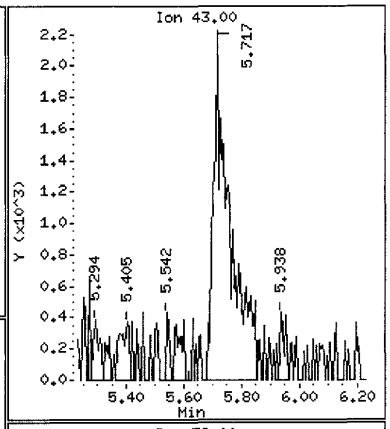
Column phase: DB-624-30M

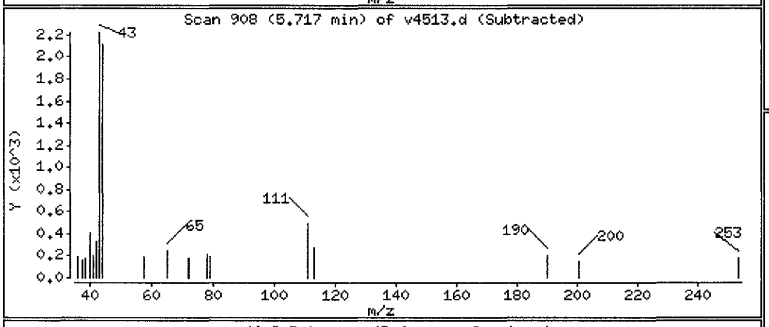
Column diameter: 0.53

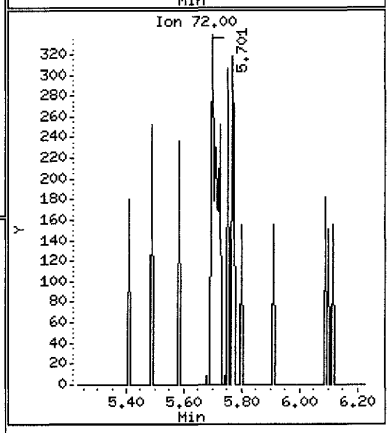
46 2-Butanone

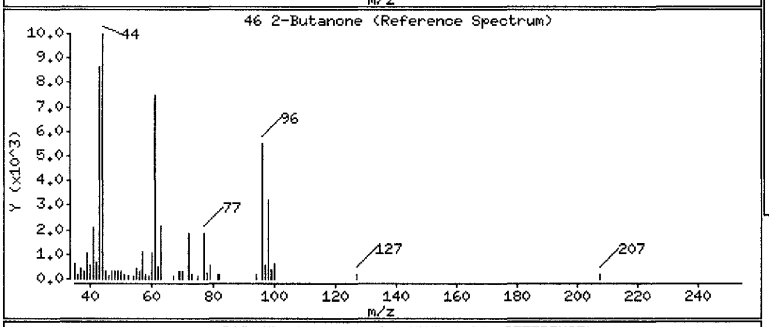
Concentration: 1.13 ug/Kg

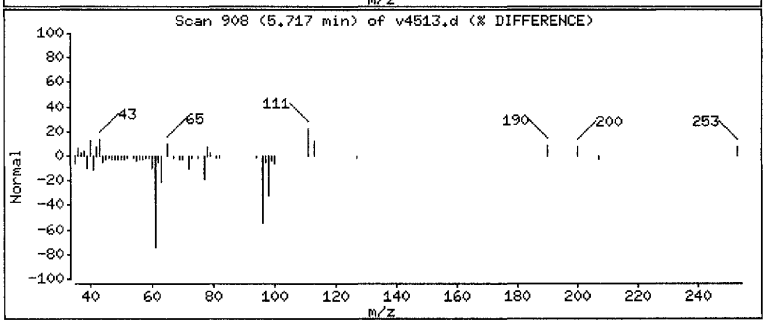












188529

Data File: /var/chem/msv4.i/2060723.s.b/v4513.d

Date : 23-JUL-2006 09:30

Client ID: MB for HBN 328605

Instrument: msv4.i

Sample Info: 393393*MB for HBN 328605

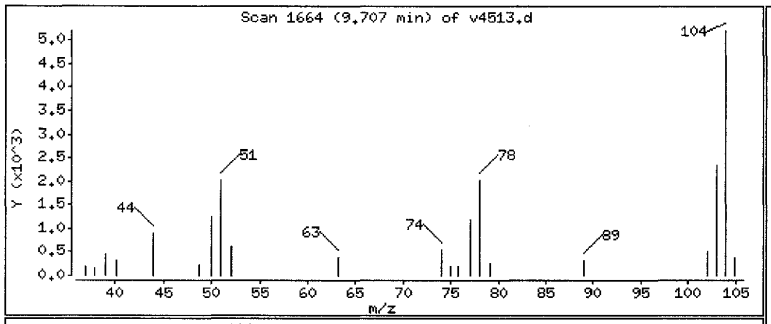
Operator: RSS

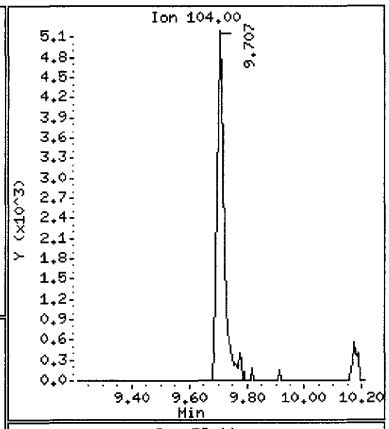
Column phase: DB-624-30M

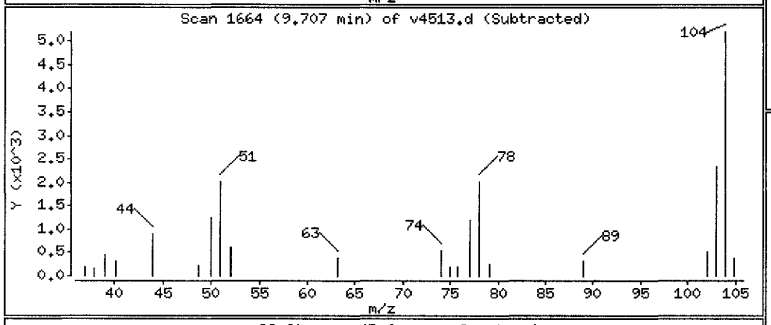
Column diameter: 0.53

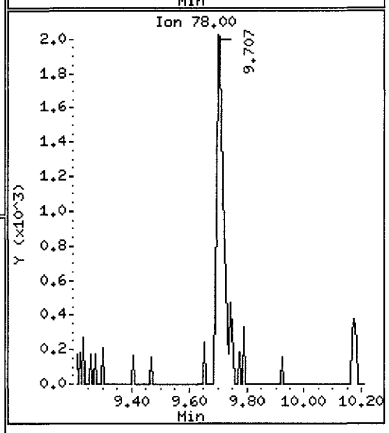
99 Styrene

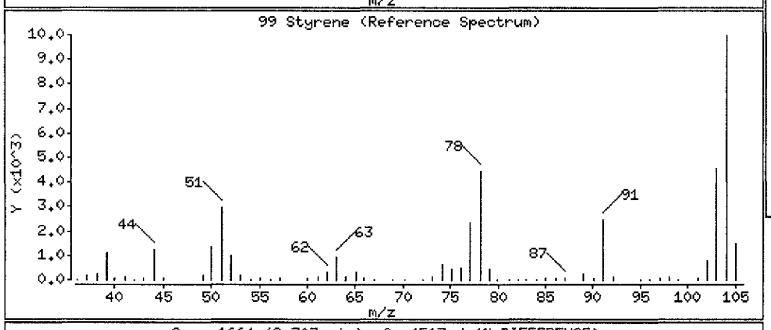
Concentration: 1.69 ug/Kg

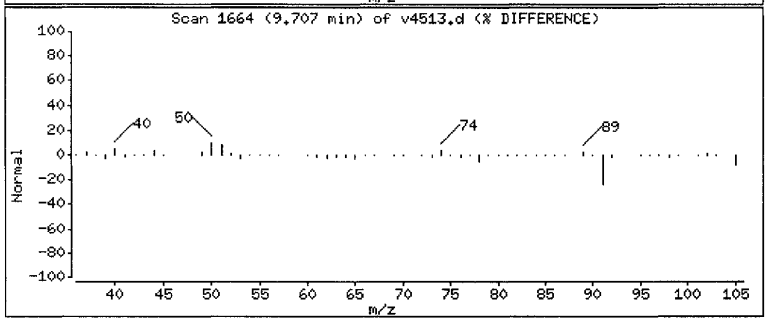










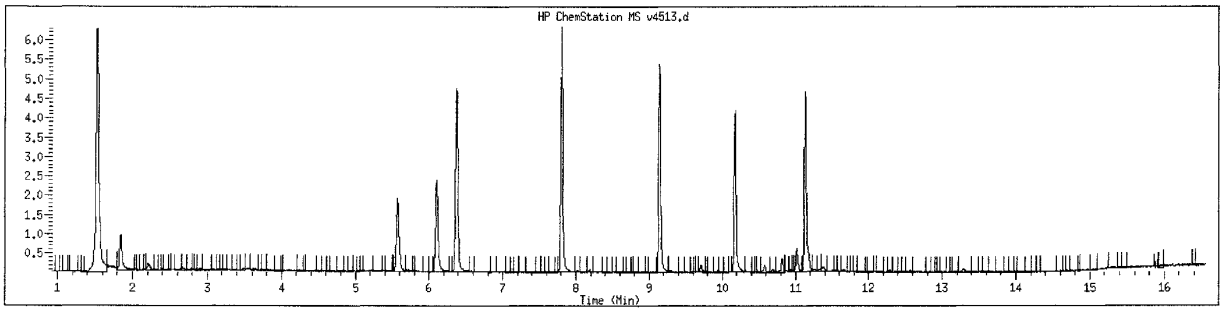


188530

Data file : /var/chem/msv4.i/2060723.s.b/v4513.d Page: 1
Report Date: 07/23/2006 11:54

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 393393 SampleType : BLANK
Injection Date: 23-JUL-2006 09:30 Instrument : msv4.i
Operator : RSS
Sample Info : 393393*MB for HBN 328605
Misc Info : MSV~8738~*1*KCB
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b+nbutyl-ol



NO MANUAL INTEGRATIONS

188531

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
MB395127

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395127

Level: (low/med) LOW Lab File ID: 2060727P/G6618

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2353

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

CONCENTRATION UNITS: *ug/kg* Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	1250	U	18.7	1250
107-02-8	Acrolein	1250	U	117	1250
107-13-1	Acrylonitrile	1250	U	35.6	1250
75-27-4	Bromodichloromethane	250	U	6.75	250
75-25-2	Bromoform	250	U	8.45	250
74-83-9	Bromomethane	250	U	75.3	250
75-15-0	Carbon disulfide	250	U	5.45	250
56-23-5	Carbon tetrachloride	250	U	6.00	250
75-00-3	Chloroethane	250	U	30.3	250
136777-61-	m,p-Xylene	250	U	19.9	250
67-66-3	Chloroform	250	U	7.05	250
74-87-3	Chloromethane	250	U	23.2	250
124-48-1	Dibromochloromethane	250	U	4.50	250
74-95-3	Dibromomethane	250	U	7.80	250
75-71-8	Dichlorodifluoromethane	250	U	18.2	250
75-34-3	1,1-Dichloroethane	250	U	7.95	250
107-06-2	1,2-Dichloroethane	250	U	5.70	250
156-59-2	cis-1,2-Dichloroethene	250	U	6.30	250
156-60-5	trans-1,2-Dichloroethene	250	U	8.20	250
75-09-2	Methylene chloride	500	U	24.0	500
78-87-5	1,2-Dichloropropane	250	U	5.60	250
10061-01-5	cis-1,3-Dichloropropene	250	U	5.75	250
10061-02-6	trans-1,3-Dichloropropene	250	U	7.05	250
100-41-4	Ethylbenzene	250	U	10.4	250
591-78-6	2-Hexanone	250	U	41.3	250
98-82-8	Isopropylbenzene (Cumene)	250	U	7.65	250
78-93-3	2-Butanone	250	U	15.6	250
74-88-4	Methyl iodide	250	U	45.3	250
108-10-1	4-Methyl-2-pentanone	250	U	8.65	250
103-65-1	n-Propylbenzene	250	U	7.00	250
100-42-5	Styrene	250	U	7.60	250

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB395127

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395127

Level: (low/med) LOW Lab File ID: 2060727P/G6618

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2353

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: *ug/kg*

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	250	U	9.60	250
630-20-6	1,1,1,2-Tetrachloroethane	250	U	8.80	250
79-34-5	1,1,2,2-Tetrachloroethane	250	U	9.00	250
120-82-1	1,2,4-Trichlorobenzene	250	U	16.4	250
71-55-6	1,1,1-Trichloroethane	250	U	6.15	250
79-00-5	1,1,2-Trichloroethane	250	U	5.70	250
75-69-4	Trichlorofluoromethane	250	U	12.6	250
96-18-4	1,2,3-Trichloropropane	100	U	12.3	100
95-63-6	1,2,4-Trimethylbenzene	250	U	9.90	250
108-67-8	1,3,5-Trimethylbenzene	250	U	8.15	250
75-01-4	Vinyl chloride	250	U	17.6	250
95-47-6	o-Xylene	250	U	8.70	250
96-12-8	1,2-Dibromo-3-chloropropane	250	U	43.3	250
106-93-4	1,2-Dibromoethane	250	U	7.50	250
108-05-4	Vinyl acetate	250	U	49.0	250
1634-04-4	tert-Butyl methyl ether (MTBE)	250	U	3.70	250
99-87-6	4-Isopropyltoluene	250	U	8.05	250
1330-20-7	Xylene (total)	500	U	28.6	500
108-87-2	Methylcyclohexane	250	U	18.5	250
110-57-6	trans-1,4-Dichloro-2-butene	250	U	36.1	250
110-82-7	Cyclohexane	250	U	55.3	250
594-20-7	2,2-Dichloropropane	250	U	8.80	250
79-20-9	Methyl Acetate	250	U	76.5	250
76-13-1	Trichlorotrifluoroethane	250	U	9.40	250
563-58-6	1,1-Dichloropropene	250	U	6.50	250
110-75-8	2-Chloroethylvinyl ether	250	U	105	250
142-28-9	1,3-Dichloropropane	250	U	6.80	250
108-86-1	Bromobenzene	250	U	11.8	250
95-49-8	2-Chlorotoluene	250	U	7.50	250
106-43-4	4-Chlorotoluene	250	U	16.3	250
98-06-6	tert-Butylbenzene	250	U	12.6	250
135-98-8	sec-Butylbenzene	250	U	5.85	250

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MB395127

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395127

Level: (low/med) LOW Lab File ID: 2060727P/G6618

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2353

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	250	U	11.8	250
106-46-7	1,4-Dichlorobenzene	250	U	21.1	250
104-51-8	n-Butylbenzene	250	U	8.90	250
95-50-1	1,2-Dichlorobenzene	250	U	5.70	250
87-68-3	Hexachlorobutadiene	250	U	62.3	250
91-20-3	Naphthalene	250	U	18.8	250
71-36-3	n-Butyl alcohol	1250	U	50.0	1250
75-35-4	1,1-Dichloroethene	250	U	18.0	250
71-43-2	Benzene	250	U	5.20	250
79-01-6	Trichloroethene	250	U	8.85	250
108-88-3	Toluene	250	U	27.5	250
108-90-7	Chlorobenzene	250	U	8.25	250

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6618.d
Lab Smp Id: 395127 Client Smp ID: MB FOR HBN 328954
Inj Date : 27-JUL-2006 23:53
Operator : RSS Inst ID: msv5.i
Smp Info : 395127*MB FOR HBN 328954
Misc Info : MSV~8768~*50*ABD
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 28-Jul-2006 00:58 rss Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 11 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
$ 39 Dibromofluoromethane	111	4.822	4.821	(0.887)	202106	55.9802	2800	1656
$ 48 1,2-Dichloroethane-d4	67	5.225	5.232	(0.961)	113798	56.0674	2800	
* 52 FLUOROBENZENE	96	5.436	5.437	(1.000)	656341	50.0000		
$ 67 Toluene-d8	98	6.553	6.556	(0.860)	645476	53.3346	2670	
* 83 CHLOROBENZENE-d5	82	7.617	7.623	(1.000)	297457	50.0000		
$ 94 Bromofluorobenzene	174	8.442	8.445	(1.108)	198285	50.8347	2540	
* 111 1,4-DICHLOROBENZENE-D4	152	9.197	9.199	(1.000)	233866	50.0000		

Data File: /var/chem/msv5.i/2060727p.s.b/g6618.d

Page 1

Date : 27-JUL-2006 23:53

Client ID: MB FOR HBN 328954

Instrument: msv5.i

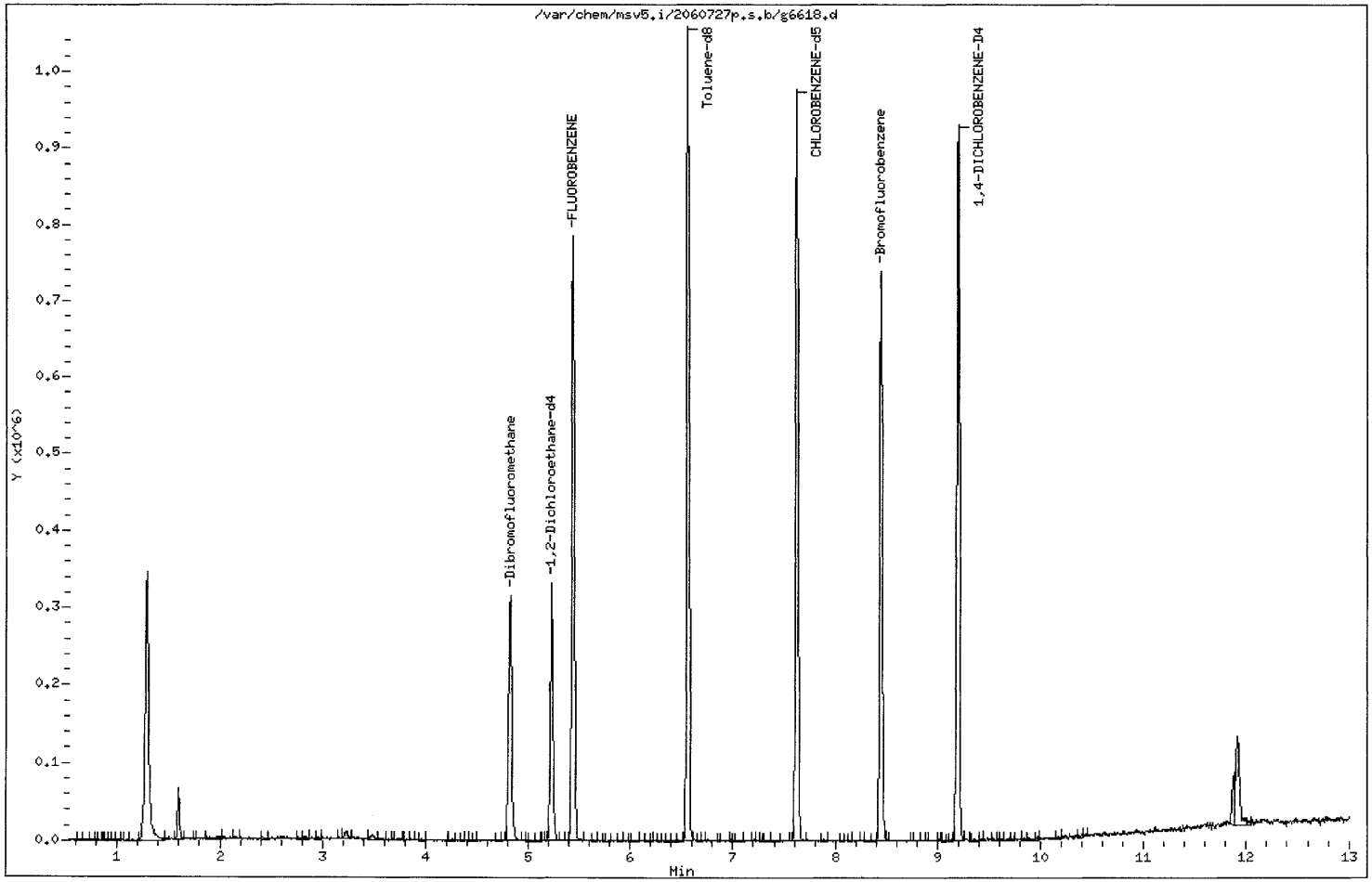
Sample Info: 395127*MB FOR HBN 328954

Purge Volume: 5.0

Operator: RSS

Column phase: DB-VRX-30M

Column diameter: 0.53



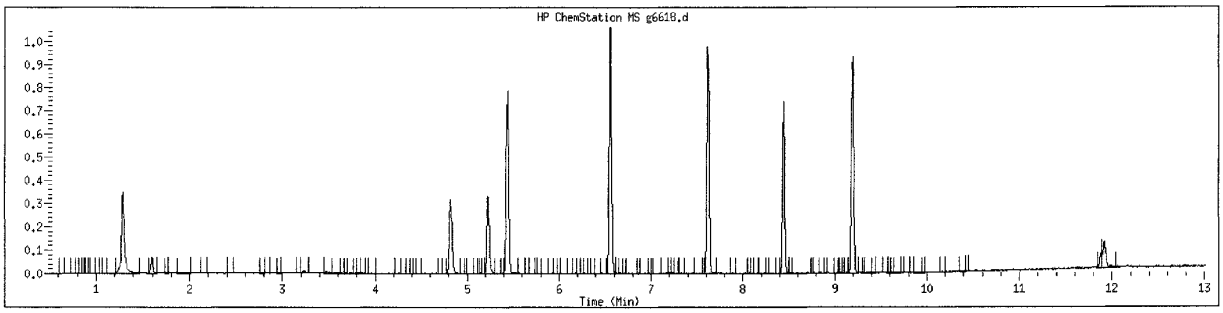
000564

188536

Data file : /var/chem/msv5.i/2060727p.s.b/g6618.d Page: 1
Report Date: 07/28/2006 01:05

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 395127 SampleType : BLANK
Injection Date: 27-JUL-2006 23:53 Instrument : msv5.i
Operator : RSS
Sample Info : 395127*MB FOR HBN 328954
Misc Info : MSV~8768~*50*ABD
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Dilution : 50.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: all



NO MANUAL INTEGRATIONS

188537

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS393134

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393134

Level: (low/med) LOW Lab File ID: 2060721P/V4436

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2212

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	22.4	J	0.374	25.0
107-02-8	Acrolein	133		2.34	25.0
107-13-1	Acrylonitrile	128		0.712	25.0
75-27-4	Bromodichloromethane	20.1		0.135	5.00
75-25-2	Bromoform	21.2		0.169	5.00
74-83-9	Bromomethane	26.3		1.51	5.00
75-15-0	Carbon disulfide	22.8		0.109	5.00
56-23-5	Carbon tetrachloride	23.9		0.120	5.00
75-00-3	Chloroethane	23.6		0.606	5.00
136777-61-	m,p-Xylene	45.2		0.398	5.00
67-66-3	Chloroform	20.7		0.141	5.00
74-87-3	Chloromethane	23.4		0.464	5.00
124-48-1	Dibromochloromethane	19.0		0.090	5.00
74-95-3	Dibromomethane	20.2		0.156	5.00
75-71-8	Dichlorodifluoromethane	23.6		0.364	5.00
75-34-3	1,1-Dichloroethane	21.5		0.159	5.00
107-06-2	1,2-Dichloroethane	19.3		0.114	5.00
156-59-2	cis-1,2-Dichloroethene	19.7		0.126	5.00
156-60-5	trans-1,2-Dichloroethene	22.3		0.164	5.00
75-09-2	Methylene chloride	16.5		0.479	10.0
78-87-5	1,2-Dichloropropane	21.2		0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	20.1		0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	20.4		0.141	5.00
100-41-4	Ethylbenzene	23.5		0.207	5.00
591-78-6	2-Hexanone	25.7		0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	22.8		0.153	5.00
78-93-3	2-Butanone	20.6		0.312	5.00
74-88-4	Methyl iodide	23.0		0.906	5.00
108-10-1	4-Methyl-2-pentanone	24.7		0.173	5.00
103-65-1	n-Propylbenzene	24.1		0.140	5.00
100-42-5	Styrene	30.6		0.152	5.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCS393134

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393134

Level: (low/med) LOW Lab File ID: 2060721P/V4436

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2212

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	27.0		0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	21.3		0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	18.0		0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	24.4		0.327	5.00
71-55-6	1,1,1-Trichloroethane	22.2		0.123	5.00
79-00-5	1,1,2-Trichloroethane	21.4		0.114	5.00
75-69-4	Trichlorofluoromethane	23.0		0.252	5.00
96-18-4	1,2,3-Trichloropropane	23.6		0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	24.1		0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	24.0		0.163	5.00
75-01-4	Vinyl chloride	23.3		0.351	5.00
95-47-6	o-Xylene	22.7		0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	29.0		0.866	5.00
106-93-4	1,2-Dibromoethane	22.6		0.150	5.00
108-05-4	Vinyl acetate	15.7		0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	18.9		0.074	5.00
99-87-6	4-Isopropyltoluene	25.1		0.161	5.00
1330-20-7	Xylene (total)	67.9		0.572	10.0
108-87-2	Methylcyclohexane	22.6		0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	23.0		0.721	5.00
110-82-7	Cyclohexane	23.3		1.11	5.00
594-20-7	2,2-Dichloropropane	20.1		0.176	5.00
79-20-9	Methyl Acetate	19.2		1.53	5.00
76-13-1	Trichlorotrifluoroethane	24.6		0.188	5.00
563-58-6	1,1-Dichloropropene	21.5		0.130	5.00
110-75-8	2-Chloroethylvinyl ether	15.8		2.10	5.00
142-28-9	1,3-Dichloropropane	21.7		0.136	5.00
108-86-1	Bromobenzene	22.0		0.235	5.00
95-49-8	2-Chlorotoluene	22.8		0.150	5.00
106-43-4	4-Chlorotoluene	22.9		0.325	5.00
98-06-6	tert-Butylbenzene	23.9		0.252	5.00
135-98-8	sec-Butylbenzene	24.5		0.117	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCS393134

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393134

Level: (low/med) LOW Lab File ID: 2060721P/V4436

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2212

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	21.9		0.236	5.00
106-46-7	1,4-Dichlorobenzene	22.6		0.421	5.00
104-51-8	n-Butylbenzene	25.9		0.178	5.00
95-50-1	1,2-Dichlorobenzene	22.9		0.114	5.00
87-68-3	Hexachlorobutadiene	23.5		1.25	5.00
91-20-3	Naphthalene	27.3		0.376	5.00
75-35-4	1,1-Dichloroethene	22.0		0.359	5.00
71-43-2	Benzene	20.7		0.104	5.00
79-01-6	Trichloroethene	28.5		0.177	5.00
108-88-3	Toluene	22.2		0.550	5.00
108-90-7	Chlorobenzene	21.5		0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4436.d
Lab Smp Id: 393134 Client Smp ID: LCS for HBN 328554
Inj Date : 21-JUL-2006 22:12
Operator : RSS Inst ID: msv4.i
Smp Info : 393134*LCS for HBN 328554
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 08:39 kcb Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 38 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.652	1.657	(0.259)	87851	23.6411	23.6	9265
2 Chloromethane ++	50	1.831	1.820	(0.288)	115506	23.4397	23.4	5346
3 Vinyl Chloride +	62	1.894	1.889	(0.298)	80729	23.3488	23.3	8926
5 Bromomethane	94	2.174	2.163	(0.342)	46547	26.2945	26.3	9131
7 Chloroethane	64	2.290	2.279	(0.360)	42150	23.6402	23.6	7394
8 Trichlorofluoromethane	101	2.406	2.406	(0.378)	81148	22.9667	23.0	8073
10 1,1-Dichloroethene +	96	2.876	2.881	(0.452)	38676	21.9977	22.0	7830
11 Carbon Disulfide	76	2.903	2.902	(0.456)	188087	22.8197	22.8	8292
12 1,1,2Trichlotrifluoroethane	101	2.918	2.913	(0.458)	60443	24.6332	24.6	8653
13 Methyl Iodide	142	3.013	3.013	(0.473)	56179	22.9509	23.0	7760
14 Acrolein	56	3.230	3.224	(0.507)	85202	133.132	133	3605
15 Methylene Chloride	49	3.488	3.488	(0.548)	95623	16.4501	16.5	8743
17 Acetone	43	3.636	3.557	(0.571)	48839	22.4332	22.4	7202

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.673	3.678	(0.577)	79542	22.2663	22.3	7072
	19 Methyl Acetate	43	3.742	3.705	(0.588)	88259	19.2305	19.2	4699(M)
	20 Hexane	57	3.774	3.784	(0.593)	120042	19.6950	19.7	8644
	21 MTBE	73	3.816	3.810	(0.599)	168574	18.8606	18.9	6310
	26 1,1-Dichloroethane ++	63	4.449	4.449	(0.699)	101419	21.4678	21.5	9019
	27 Acrylonitrile	53	4.528	4.517	(0.711)	313786	127.752	128	0(M)
	30 Vinyl Acetate	43	4.771	4.771	(0.750)	131602	15.6781	15.7	
	31 cis-1,2-Dichloroethene	61	5.067	5.072	(0.796)	77729	19.7438	19.7	7593
	33 2,2-Dichloropropane	77	5.183	5.182	(0.814)	64477	20.1461	20.1	6654
	35 Cyclohexane	56	5.273	5.272	(0.828)	96556	23.2862	23.3	6139
	37 Bromochloromethane	128	5.288	5.283	(0.831)	27643	20.9235	20.9	7135
	39 Chloroform +	83	5.378	5.378	(0.845)	96713	20.7003	20.7	9030
	42 Carbon Tetrachloride	117	5.505	5.499	(0.865)	56693	23.8682	23.9	8461
$	44 Dibromofluoromethane	111	5.568	5.568	(0.875)	146513	47.2159	47.2	5608
	45 1,1,1-Trichloroethane	97	5.573	5.573	(0.876)	71983	22.2049	22.2	9390
	46 2-Butanone	43	5.753	5.710	(0.904)	163486	20.6039	20.6	
	47 1,1-Dichloropropene	75	5.705	5.710	(0.896)	65124	21.4604	21.5	8327
	53 Benzene	78	5.959	5.958	(0.936)	184519	20.7041	20.7	8313
$	54 1,2-Dichloroethane-d4	67	6.091	6.096	(0.957)	101870	48.3847	48.4	9506
	55 1,2-Dichloroethane	62	6.165	6.164	(0.968)	93288	19.3197	19.3	8511
*	58 FLUOROBENZENE	96	6.365	6.370	(1.000)	451073	50.0000		9295
	59 Methyl cyclohexane	83	6.508	6.513	(1.022)	73888	22.6409	22.6	9256
	60 Trichloroethene	130	6.529	6.528	(1.026)	62767	28.4881	28.5	8902
	62 Dibromomethane	93	6.914	6.924	(1.086)	47054	20.2324	20.2	8407
	64 1,2-Dichloropropane +	63	7.014	7.014	(1.102)	63407	21.2242	21.2	8987
M	65 Total 1,2-Dichloroethene	61				157271	41.8877	41.9	0
	67 Bromodichloromethane	83	7.078	7.077	(1.112)	76852	20.0757	20.1	9035
	71 1-Bromo-2-chloroethane	144	7.505	7.505	(1.179)	9901	21.7924	21.8	8869
	72 2-Chloroethyl vinyl ether	63	7.595	7.595	(1.193)	26262	15.8125	15.8	2573
	74 cis-1,3-Dichloropropene	75	7.643	7.642	(1.201)	89909	20.1423	20.1	
M	75 1-3 Dichloropropene-Total	100				181476	40.2133	40.2	0
$	76 Toluene-d8	98	7.801	7.801	(0.854)	452306	61.5727	61.6	9305
	77 Toluene +	91	7.848	7.848	(0.859)	191228	22.1779	22.2	9164
	80 Tetrachloroethene	164	8.181	8.181	(0.895)	39328	26.9787	27.0	8695
	81 4-methyl-2-pentanone	43	8.191	8.186	(0.897)	240551	24.7148	24.7	
	82 trans-1,3-Dichloropropene	75	8.213	8.218	(0.899)	91567	20.4420	20.4	
	83 1,1,2-Trichloroethane	97	8.350	8.355	(0.914)	57210	21.3708	21.4	8935
	85 Dibromochloromethane	129	8.503	8.503	(0.931)	54189	19.0136	19.0	8644(R)
	86 1,3-Dichloropropane	76	8.587	8.587	(0.940)	100697	21.7463	21.7	8809
	87 1,2-Dibromoethane(EDB)	107	8.709	8.708	(0.953)	69651	22.6236	22.6	8313
	88 2-Hexanone	43	8.899	8.898	(0.974)	202401	25.6513	25.7	7801
	89 1-Chlorohexane	91	9.126	9.125	(0.999)	76473	26.8960	26.9	5997
*	90 Chlorobenzene-d5	82	9.136	9.136	(1.000)	188826	50.0000		8396
	91 Chlorobenzene ++	112	9.152	9.152	(1.002)	128489	21.4693	21.5	7896
	92 Ethylbenzene +	91	9.168	9.168	(1.003)	239702	23.5004	23.5	7599
	93 1,1,1,2-Tetrachloroethane	133	9.205	9.205	(1.008)	44131	21.2583	21.3	7922
	95 p,m-Xylene	106	9.289	9.289	(1.017)	157892	45.2358	45.2	9397

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.654	9.659	(1.057)	77762	22.6519	22.7	
99 Styrene	104	9.701	9.701	(1.062)	182106	30.6099	30.6	8682(R)
100 Bromoform ++	173	9.738	9.738	(1.066)	48686	21.1656	21.2	8190
101 Isopropylbenzene	105	9.918	9.917	(1.085)	182392	22.7665	22.8	8949
$ 103 Bromofluorobenzene	174	10.171	10.176	(1.113)	136906	54.4861	54.5	8889
104 Bromobenzene	77	10.261	10.266	(0.922)	102649	22.0133	22.0	6775
105 n-Propylbenzene	91	10.271	10.271	(0.923)	247134	24.1089	24.1	8126
106 1,1,2,2-Tetrachloroethane++	83	10.334	10.334	(0.928)	77538	17.9940	18.0	3458(R)
107 2-Chlorotoluene	91	10.414	10.419	(0.935)	166856	22.8402	22.8	8675(H)
108 1,3,5-Trimethylbenzene	105	10.430	10.429	(0.937)	165866	23.9626	24.0	
109 1,2,3-Trichloropropane	75	10.456	10.461	(0.939)	119075	23.5658	23.6	3817(H)
110 trans-1,4-Dichloro-2-Butene	53	10.488	10.487	(0.942)	24804	22.9977	23.0	9109
111 4-Chlorotoluene	91	10.556	10.556	(0.948)	147700	22.8851	22.9	9004
112 tert-butylbenzene	91	10.704	10.709	(0.962)	94176	23.9391	23.9	8803
114 1,2,4-Trimethylbenzene	105	10.767	10.767	(0.967)	166972	24.1445	24.1	
116 sec-Butylbenzene	105	10.857	10.862	(0.975)	217815	24.5331	24.5	
117 p-Isopropyltoluene	119	10.978	10.978	(0.986)	170213	25.1265	25.1	7048
120 1,3-Dichlorobenzene	146	11.068	11.068	(0.994)	82511	21.9250	21.9	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.131	(1.000)	138239	50.0000		8571
122 1,4-Dichlorobenzene	146	11.142	11.142	(1.001)	94952	22.5964	22.6	
123 n-Butylbenzene	91	11.353	11.353	(1.020)	171466	25.8749	25.9	8984
M 124 TOTAL XYLENE	106				235654	67.8877	67.9	0
125 1,2-Dichlorobenzene	146	11.533	11.532	(1.036)	86698	22.9114	22.9	
126 1,2-Dibromo-3-Chloropropane	157	12.367	12.366	(1.111)	27139	28.9565	29.0	5506
127 Hexachlorobutadiene	225	13.137	13.137	(1.180)	28892	23.4923	23.5	8924
128 1,2,4-Trichlorobenzene	180	13.190	13.190	(1.185)	56823	24.3588	24.4	
129 Napthalene	128	13.575	13.575	(1.220)	171533	27.2958	27.3	6283
130 1,2,3-Trichlorobenzene	180	13.776	13.776	(1.238)	59234	25.6672	25.7	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

000572

Data File: /var/chem/msv4.i/2060721p.s.b/v4436.d

Page 1

Date : 21-JUL-2006 22:12

Client ID: LCS for HBN 328554

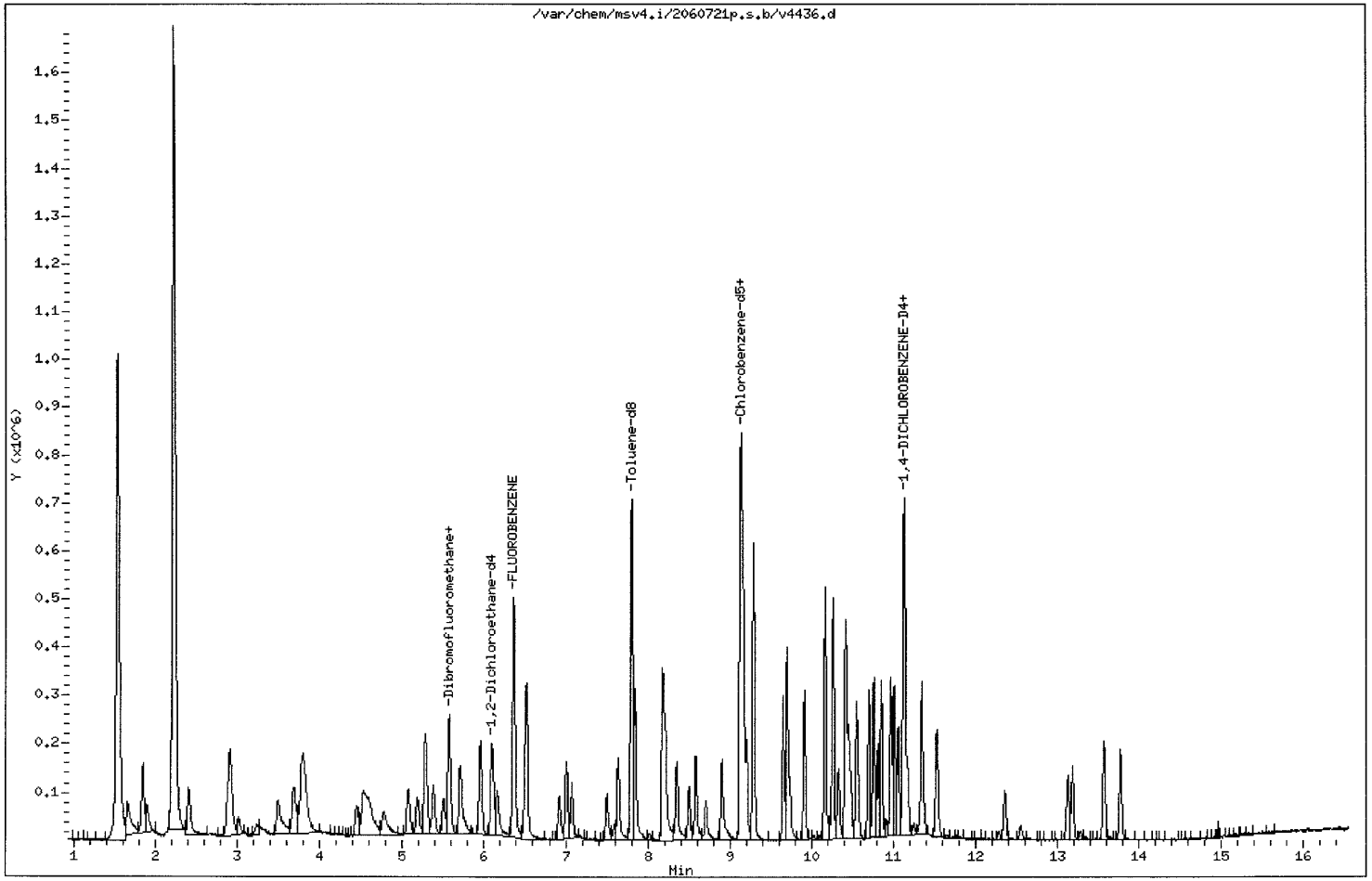
Instrument: msv4.i

Sample Info: 393134*LCS for HBN 328554

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

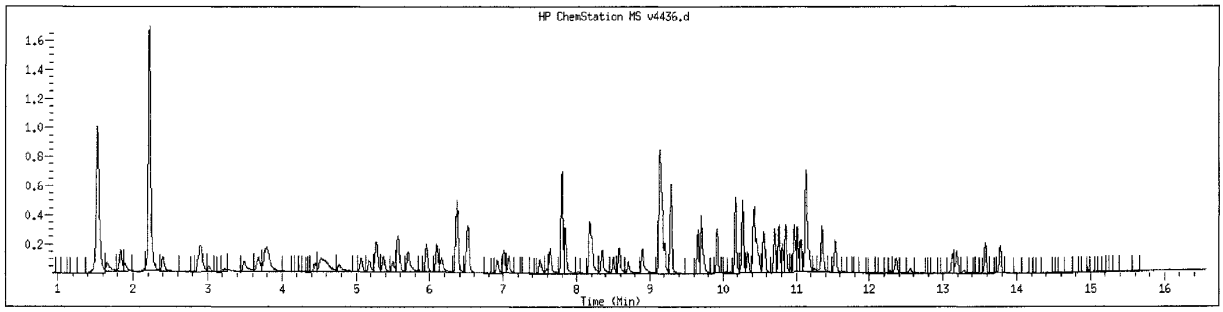


188544

Data file : /var/chem/msv4.i/2060721p.s.b/v4436.d Page: 1
Report Date: 07/22/2006 08:46

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 393134 SampleType : LCS
Injection Date: 21-JUL-2006 22:12 Instrument : msv4.i
Operator : RSS
Sample Info : 393134*LCS for HBN 328554
Misc Info : MSV~8723~*1*RSS
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



Original Final

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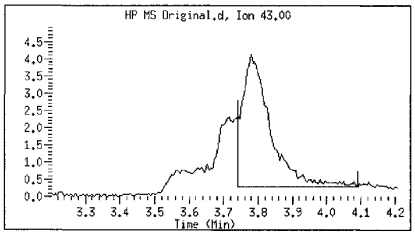
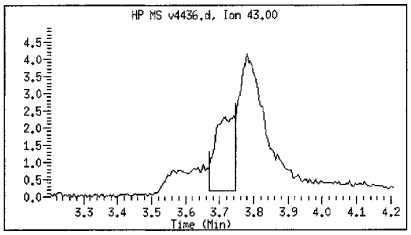
19 Methyl Acetate CAS#: 79-20-9





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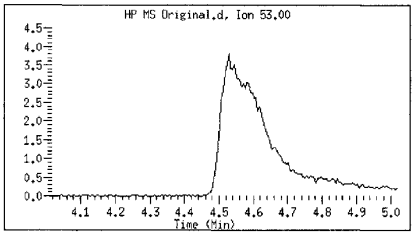
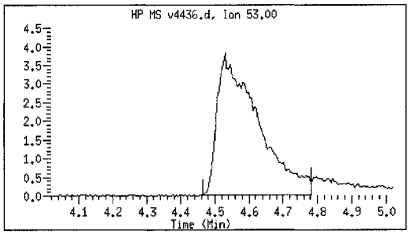
27 Acrylonitrile CAS#: 107-13-1





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS393137

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 393137

Level: (low/med) LOW Lab File ID: 2060721Q/G6353

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/21/06 Time: 2348

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	25.8		1.42	25.0
107-02-8	Acrolein	94.8		1.66	25.0
107-13-1	Acrylonitrile	101		1.10	25.0
75-27-4	Bromodichloromethane	21.0		0.219	5.00
75-25-2	Bromoform	20.9		0.216	5.00
74-83-9	Bromomethane	25.2		0.477	5.00
75-15-0	Carbon disulfide	23.3		0.098	5.00
56-23-5	Carbon tetrachloride	24.8		0.128	5.00
75-00-3	Chloroethane	81.0		0.596	5.00
136777-61-	m,p-Xylene	47.1		0.286	5.00
67-66-3	Chloroform	22.5		0.194	5.00
74-87-3	Chloromethane	18.6		0.453	5.00
124-48-1	Dibromochloromethane	22.4		0.081	5.00
74-95-3	Dibromomethane	22.0		0.354	5.00
75-71-8	Dichlorodifluoromethane	19.8		0.156	5.00
75-34-3	1,1-Dichloroethane	22.5		0.252	5.00
107-06-2	1,2-Dichloroethane	22.7		0.205	5.00
156-59-2	cis-1,2-Dichloroethene	23.1		0.163	5.00
156-60-5	trans-1,2-Dichloroethene	24.5		0.139	5.00
75-09-2	Methylene chloride	23.6		0.445	10.0
78-87-5	1,2-Dichloropropane	22.8		0.238	5.00
10061-01-5	cis-1,3-Dichloropropene	22.1		0.211	5.00
10061-02-6	trans-1,3-Dichloropropene	22.0		0.236	5.00
100-41-4	Ethylbenzene	22.6		0.227	5.00
591-78-6	2-Hexanone	15.4		0.403	5.00
98-82-8	Isopropylbenzene (Cumene)	23.7		0.122	5.00
78-93-3	2-Butanone	18.1		0.429	5.00
74-88-4	Methyl iodide	29.2		0.212	5.00
108-10-1	4-Methyl-2-pentanone	16.1		0.454	5.00
103-65-1	n-Propylbenzene	22.0		0.175	5.00
100-42-5	Styrene	23.7		0.135	5.00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS393137

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 393137

Level: (low/med) LOW Lab File ID: 2060721Q/G6353

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/21/06 Time: 2348

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	22.7		0.227	5.00
630-20-6	1,1,1,2-Tetrachloroethane	23.2		0.343	5.00
79-34-5	1,1,2,2-Tetrachloroethane	17.4		0.227	5.00
120-82-1	1,2,4-Trichlorobenzene	23.2		0.378	5.00
71-55-6	1,1,1-Trichloroethane	22.6		0.173	5.00
79-00-5	1,1,2-Trichloroethane	21.9		0.131	5.00
75-69-4	Trichlorofluoromethane	26.0		0.190	5.00
96-18-4	1,2,3-Trichloropropane	18.0		0.462	5.00
95-63-6	1,2,4-Trimethylbenzene	22.5		0.181	5.00
108-67-8	1,3,5-Trimethylbenzene	22.8		0.185	5.00
75-01-4	Vinyl chloride	22.6		0.089	5.00
95-47-6	o-Xylene	24.2		0.223	5.00
96-12-8	1,2-Dibromo-3-chloropropane	14.4		0.190	5.00
106-93-4	1,2-Dibromoethane	20.8		0.206	5.00
108-05-4	Vinyl acetate	21.9		0.240	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	20.4		0.179	5.00
99-87-6	4-Isopropyltoluene	21.8		0.121	5.00
1330-20-7	Xylene (total)	71.3		0.509	10.0
108-87-2	Methylcyclohexane	22.1		0.130	5.00
110-57-6	trans-1,4-Dichloro-2-butene	17.5		0.492	5.00
110-82-7	Cyclohexane	21.7		0.187	5.00
594-20-7	2,2-Dichloropropane	22.3		0.196	5.00
79-20-9	Methyl Acetate	18.1		0.477	5.00
76-13-1	Trichlorotrifluoroethane	20.9		0.360	5.00
563-58-6	1,1-Dichloropropene	21.6		0.102	5.00
110-75-8	2-Chloroethylvinyl ether	25.8		0.221	5.00
142-28-9	1,3-Dichloropropane	21.9		0.218	5.00
108-86-1	Bromobenzene	21.4		0.196	5.00
95-49-8	2-Chlorotoluene	21.4		0.166	5.00
106-43-4	4-Chlorotoluene	21.9		0.211	5.00
98-06-6	tert-Butylbenzene	20.3		0.159	5.00
135-98-8	sec-Butylbenzene	21.6		0.157	5.00

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS393137

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 393137

Level: (low/med) LOW Lab File ID: 2060721Q/G6353

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/21/06 Time: 2348

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328555

CONCENTRATION UNITS: ug/L Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	22.9		0.125	5.00
106-46-7	1,4-Dichlorobenzene	22.6		0.135	5.00
104-51-8	n-Butylbenzene	21.5		0.414	5.00
95-50-1	1,2-Dichlorobenzene	22.3		0.240	5.00
87-68-3	Hexachlorobutadiene	21.6		0.243	5.00
91-20-3	Naphthalene	22.5		0.304	5.00
75-35-4	1,1-Dichloroethene	24.6		0.229	5.00
71-43-2	Benzene	22.4		0.225	5.00
79-01-6	Trichloroethene	22.7		0.270	5.00
108-88-3	Toluene	20.6		0.213	5.00
108-90-7	Chlorobenzene	23.7		0.213	5.00

GCAL, Inc.

Data file : /var/chem/msv5.i/2060721q.s.b/g6353.d
Lab Smp Id: 393137 Client Smp ID: LCS for HBN 328555
Inj Date : 21-JUL-2006 23:48
Operator : KCB Inst ID: msv5.i
Smp Info : 393137*LCS for HBN 328555
Misc Info : MSV~8724~*1*RSS
Comment :
Method : /var/chem/msv5.i/2060721q.s.b/8260Bw5.m
Meth Date : 22-Jul-2006 05:56 kcb Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 12 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Vo	5.00000	Sample Volume purged (mL)
DF	1.00000	

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
	1 Dichlorodifluoromethane	85	1.419	1.425	(0.260)	116475	19.8187	19.8	
	2 Chloromethane ++	50	1.583	1.583	(0.291)	142299	18.5810	18.6	
	3 Vinyl Chloride +	62	1.653	1.653	(0.303)	114542	22.5569	22.6	
	5 Bromomethane	94	1.922	1.922	(0.353)	70963	25.2239	25.2	
M	6 1-3 Dichloropropene-Total	100				327607	43.8151	43.8	0
	8 Chloroethane	64	2.022	2.022	(0.371)	40227	81.0353	81.0	(R)
	9 Trichlorofluoromethane	101	2.156	2.162	(0.396)	107057	25.9965	26.0	
	11 1,1-Dichloroethene +	96	2.636	2.642	(0.484)	53268	24.6393	24.6	
	12 Carbon Disulfide	76	2.659	2.654	(0.488)	252990	23.3347	23.3	
	13 1,1,2Trichlotrifluoroethane	101	2.689	2.683	(0.494)	64950	20.9005	20.9	
	14 Methyl Iodide	142	2.771	2.777	(0.509)	138244	29.1815	29.2	
	15 Acrolein	56	2.987	2.988	(0.548)	40720	94.7980	94.8	
	17 Methylene Chloride	49	3.239	3.239	(0.595)	107217	23.6281	23.6	
	18 Acetone	43	3.303	3.298	(0.606)	30758	25.8198	25.8	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
	19 trans-1,2-Dichloroethene	61	3.409	3.409	(0.626)	93307	24.5344	24.5	
	20 Methyl Acetate	43	3.432	3.439	(0.630)	55610	18.1246	18.1	9090
	21 Hexane	57	3.497	3.497	(0.642)	136759	21.6195	21.6	0(M)
	22 MTBE	73	3.526	3.527	(0.647)	177487	20.4075	20.4	6876
	27 1,1-Dichloroethane ++	63	3.994	3.995	(0.733)	147290	22.4606	22.5	
	29 Acrylonitrile	53	4.041	4.042	(0.742)	195981	101.089	101	
	30 Vinyl Acetate	43	4.222	4.223	(0.775)	211089	21.9184	21.9	
	31 cis-1,2-Dichloroethene	61	4.456	4.457	(0.818)	133048	23.1447	23.1	
	32 2,2-Dichloropropane	77	4.544	4.545	(0.834)	114331	22.2824	22.3	
	33 Bromochloromethane	128	4.615	4.622	(0.847)	50849	24.8934	24.9	
	34 Cyclohexane	56	4.615	4.622	(0.847)	153115	21.7059	21.7	6173
	35 Chloroform +	83	4.691	4.687	(0.861)	156805	22.5036	22.5	
	36 Carbon Tetrachloride	117	4.785	4.786	(0.878)	116957	24.7564	24.8	
$	39 Dibromofluoromethane	111	4.826	4.827	(0.886)	253059	54.5445	54.5	3350
	40 1,1,1-Trichloroethane	97	4.844	4.845	(0.889)	114536	22.6456	22.6	
	42 2-Butanone	43	4.926	4.927	(0.904)	53389	18.1268	18.1	
	43 1,1-Dichloropropene	75	4.938	4.945	(0.906)	122297	21.5960	21.6	
	45 Benzene	78	5.131	5.132	(0.942)	354455	22.4088	22.4	
$	48 1,2-Dichloroethane-d4	67	5.230	5.238	(0.960)	132981	50.9846	51.0	
	49 1,2-Dichloroethane	62	5.283	5.285	(0.970)	123075	22.6503	22.7	
*	52 FLUOROBENZENE	96	5.447	5.443	(1.000)	843443	50.0000		
	53 Methyl Cyclohexane	83	5.565	5.566	(1.022)	151827	22.0560	22.1	8954
	54 Trichloroethene	130	5.570	5.572	(1.023)	89762	22.7223	22.7	
	57 Dibromomethane	93	5.875	5.877	(1.078)	77524	21.9682	22.0	
	59 1,2-Dichloropropane +	63	5.945	5.947	(1.091)	106521	22.8170	22.8	
	60 Bromodichloromethane	83	5.992	5.994	(1.100)	128546	20.9663	21.0	
M	61 Total 1,2-Dichloroethene	61				226355	47.6791	47.7	
	64 1-Bromo-2-chloroethane	63	6.331	6.334	(1.162)	157522	19.8815	19.9	7198
	65 2-Chloroethyl vinyl ether	63	6.384	6.381	(1.172)	82810	25.7880	25.8	
	66 cis-1,3-Dichloropropene	75	6.431	6.434	(1.181)	172104	22.1107	22.1	
$	67 Toluene-d8	98	6.566	6.563	(0.861)	805401	54.3939	54.4	
	69 Toluene +	91	6.596	6.598	(0.865)	396808	20.6238	20.6	
	71 4-methyl-2-pentanone	43	6.847	6.850	(1.257)	110481	16.0978	16.1	
	72 Tetrachloroethene	164	6.871	6.868	(0.901)	77493	22.7291	22.7	
	73 trans-1,3-Dichloropropene	75	6.877	6.879	(0.902)	155503	21.9877	22.0	
	75 1,1,2-Trichloroethane	97	6.994	6.991	(0.917)	96266	21.9319	21.9	
	76 Dibromochloromethane	129	7.117	7.120	(0.933)	114324	22.4127	22.4	
	77 1,3-Dichloropropane	76	7.182	7.179	(0.942)	164495	21.9088	21.9	
	79 1,2-Dibromoethane(EDB)	107	7.287	7.284	(0.955)	106319	20.8469	20.8	
	80 2-Hexanone	43	7.416	7.413	(0.972)	76914	15.3990	15.4	
	82 1-Chlorohexane	91	7.603	7.606	(0.997)	166918	22.6257	22.6	9246
*	83 CHLOROBENZENE-d5	82	7.627	7.624	(1.000)	363928	50.0000		
	84 Chlorobenzene ++	112	7.639	7.636	(1.002)	265461	23.6657	23.7	
	85 Ethylbenzene +	106	7.645	7.642	(1.002)	136817	22.6121	22.6	
	86 1,1,1,2-Tetrachloroethane	133	7.674	7.677	(1.006)	90253	23.2184	23.2	
	87 p,m-Xylene	106	7.739	7.742	(1.015)	330791	47.0979	47.1	
	89 o-Xylene	106	8.037	8.035	(1.054)	170761	24.2023	24.2	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/L)	SIMILARITY
	90 Styrene	104	8.073	8.070	(1.058)	307809	23.7475	23.7	
	91 Bromoform ++	173	8.102	8.106	(1.062)	79484	20.9348	20.9	
	93 Isopropylbenzene	105	8.243	8.241	(1.081)	424341	23.6812	23.7	
$	94 Bromofluorobenzene	174	8.448	8.452	(1.108)	272989	57.2037	57.2	
	95 n-Propylbenzene	91	8.524	8.522	(0.926)	566865	22.0187	22.0	
	96 Bromobenzene	77	8.530	8.528	(0.927)	217220	21.3669	21.4	
	97 1,1,2,2-Tetrachloroethane++	83	8.572	8.570	(0.932)	137574	17.4004	17.4	(R)
	98 2-Chlorotoluene	91	8.648	8.646	(0.940)	362722	21.3950	21.4	
	99 1,3,5-Trimethylbenzene	105	8.648	8.652	(0.940)	372146	22.7936	22.8	
	100 1,2,3-Trichloropropane	75	8.678	8.682	(0.943)	155286	17.9842	18.0	(R)
	101 trans-1,4-Dichloro-2-Butene	53	8.695	8.694	(0.945)	28514	17.4893	17.5	
	103 4-Chlorotoluene	91	8.760	8.758	(0.952)	342556	21.8863	21.9	
	104 tert-butylbenzene	91	8.871	8.876	(0.964)	208290	20.2899	20.3	
	106 1,2,4-Trimethylbenzene	105	8.919	8.917	(0.969)	377773	22.5341	22.5	
	107 sec-Butylbenzene	105	8.989	8.994	(0.977)	506268	21.6357	21.6	
	108 p-Isopropyltoluene	119	9.077	9.076	(0.987)	402585	21.7559	21.8	
	110 1,3-Dichlorobenzene	146	9.154	9.153	(0.995)	218184	22.8509	22.9	
*	111 1,4-DICHLOROBENZENE-D4	152	9.201	9.200	(1.000)	322974	50.0000		
	112 1,4-Dichlorobenzene	146	9.213	9.212	(1.001)	225768	22.6185	22.6	
	115 n-Butylbenzene	91	9.354	9.353	(1.017)	426329	21.5081	21.5	
	116 1,2-Dichlorobenzene	146	9.489	9.488	(1.031)	212606	22.2558	22.3	
	120 1,2-Dibromo-3-Chloropropane	157	9.992	9.998	(1.086)	23664	14.3764	14.4	(R)
	122 Hexachlorobutadiene	225	10.379	10.385	(1.128)	75995	21.6232	21.6	
	123 1,2,4-Trichlorobenzene	180	10.415	10.420	(1.132)	144880	23.2016	23.2	
M	124 TOTAL XYLENE	106				501552	71.3002	71.3	
	125 Naphthalene	128	10.626	10.632	(1.155)	339742	22.5425	22.5	
	126 1,2,3-Trichlorobenzene	180	10.750	10.756	(1.168)	134217	21.6772	21.7	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /var/chem/msv5.i/20060721q.s.b/g6353.d

Date : 21-JUL-2006 23:48

Client ID: LCS for HBN 328555

Sample Info: 393137*LCS for HBN 328555

Purge Volume: 5.0

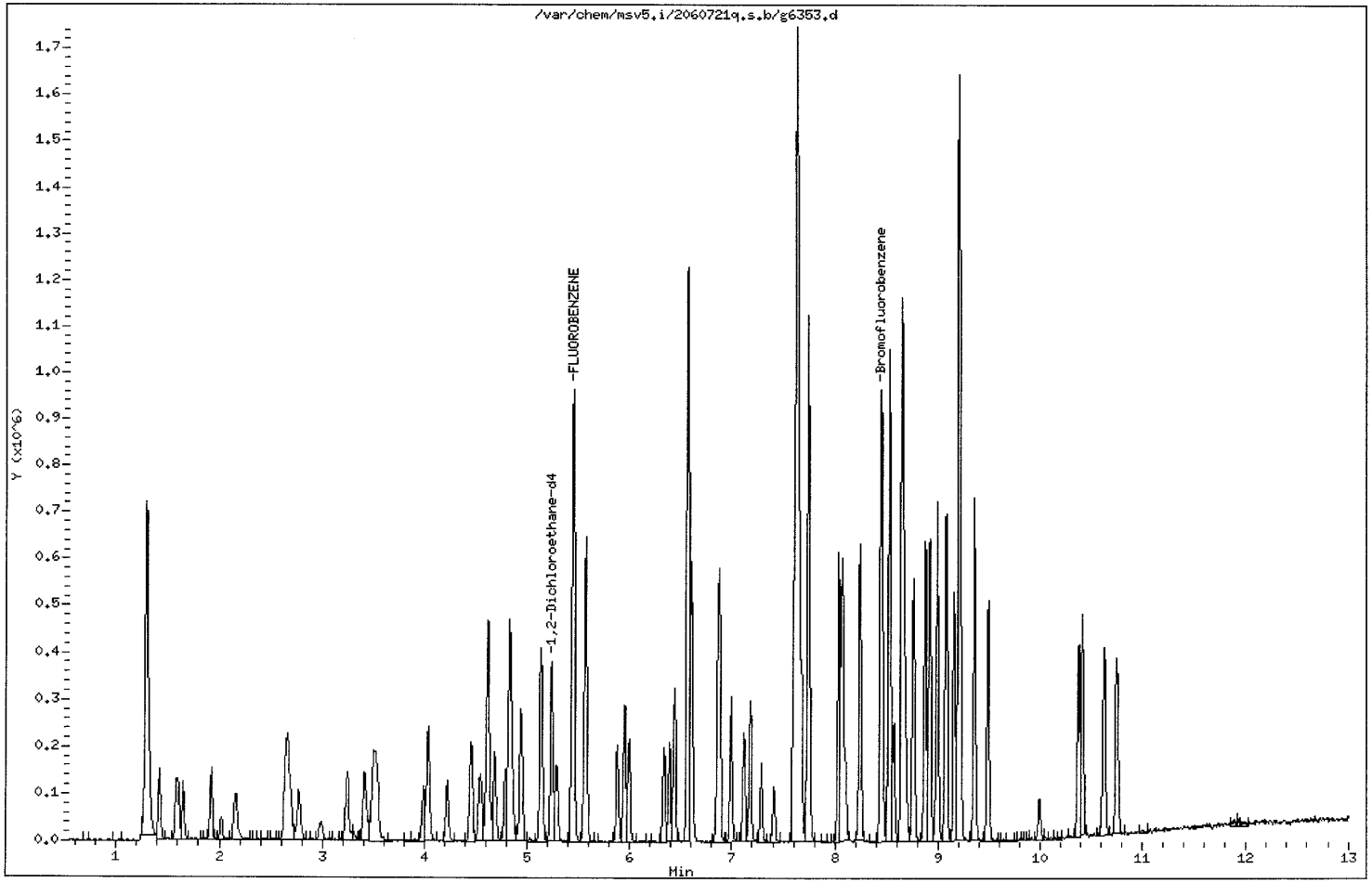
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: KCB

Column diameter: 0.53



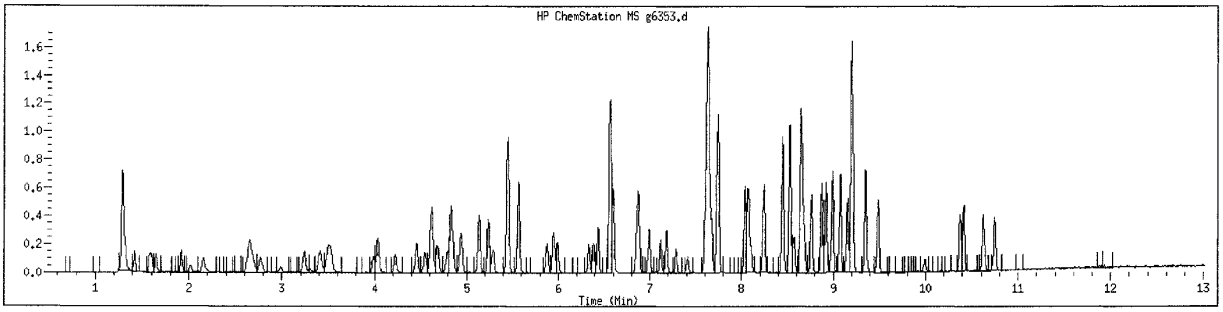
000580

188552

Data file : /var/chem/msv5.i/2060721q.s.b/g6353.d Page: 1
Report Date: 07/22/2006 06:24

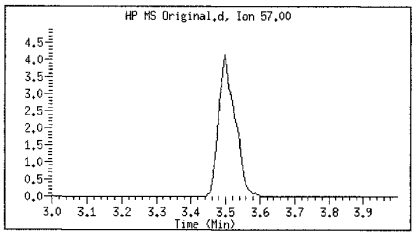
MANUAL INTEGRATION GRAPHIC REPORT

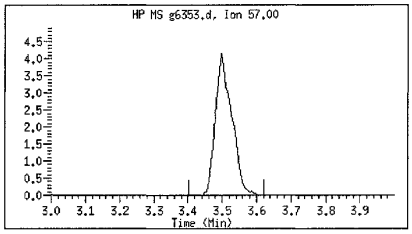
Lab ID	: 393137	SampleType	: LCS
Injection Date	: 21-JUL-2006 23:48	Instrument	: msv5.i
Operator	: KCB		
Sample Info	: 393137*LCS for HBN 328555		
Misc Info	: MSV~8724~*1*RSS		
Method	: /var/chem/msv5.i/2060721q.s.b/8260Bw5.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8260b



Original Final

21 Hexane CAS#: 110-54-3





1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCS393347

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393347

Level: (low/med) LOW Lab File ID: 2060722Q/V4474

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1514

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ABD

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	31.3		0.374	25.0
107-02-8	Acrolein	98.3		2.34	25.0
107-13-1	Acrylonitrile	96.9		0.712	25.0
75-27-4	Bromodichloromethane	23.7		0.135	5.00
75-25-2	Bromoform	23.5		0.169	5.00
74-83-9	Bromomethane	15.9		1.51	5.00
75-15-0	Carbon disulfide	23.2		0.109	5.00
56-23-5	Carbon tetrachloride	26.6		0.120	5.00
75-00-3	Chloroethane	22.6		0.606	5.00
136777-61-	m,p-Xylene	54.3		0.398	5.00
67-66-3	Chloroform	22.4		0.141	5.00
74-87-3	Chloromethane	19.0		0.464	5.00
124-48-1	Dibromochloromethane	24.9		0.090	5.00
74-95-3	Dibromomethane	23.3		0.156	5.00
75-71-8	Dichlorodifluoromethane	24.4		0.364	5.00
75-34-3	1,1-Dichloroethane	22.8		0.159	5.00
107-06-2	1,2-Dichloroethane	22.6		0.114	5.00
156-59-2	cis-1,2-Dichloroethene	21.7		0.126	5.00
156-60-5	trans-1,2-Dichloroethene	22.7		0.164	5.00
75-09-2	Methylene chloride	18.7		0.479	10.0
78-87-5	1,2-Dichloropropane	23.2		0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	24.0		0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	24.3		0.141	5.00
100-41-4	Ethylbenzene	26.8		0.207	5.00
591-78-6	2-Hexanone	22.9		0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	28.1		0.153	5.00
78-93-3	2-Butanone	20.9		0.312	5.00
74-88-4	Methyl iodide	25.1		0.906	5.00
108-10-1	4-Methyl-2-pentanone	22.0		0.173	5.00
103-65-1	n-Propylbenzene	26.8		0.140	5.00
100-42-5	Styrene	27.1		0.152	5.00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS393347

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393347

Level: (low/med) LOW Lab File ID: 2060722Q/V4474

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1514

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ABD

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	31.6		0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	26.4		0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	22.1		0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	25.9		0.327	5.00
71-55-6	1,1,1-Trichloroethane	25.0		0.123	5.00
79-00-5	1,1,2-Trichloroethane	24.2		0.114	5.00
75-69-4	Trichlorofluoromethane	23.9		0.252	5.00
96-18-4	1,2,3-Trichloropropane	23.2		0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	26.9		0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	27.2		0.163	5.00
75-01-4	Vinyl chloride	23.6		0.351	5.00
95-47-6	o-Xylene	26.9		0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	23.0		0.866	5.00
106-93-4	1,2-Dibromoethane	24.5		0.150	5.00
108-05-4	Vinyl acetate	18.8		0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	22.0		0.074	5.00
99-87-6	4-Isopropyltoluene	28.9		0.161	5.00
1330-20-7	Xylene (total)	81.3		0.572	10.0
108-87-2	Methylcyclohexane	27.7		0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	26.1		0.721	5.00
110-82-7	Cyclohexane	23.5		1.11	5.00
594-20-7	2,2-Dichloropropane	23.3		0.176	5.00
79-20-9	Methyl Acetate	17.9		1.53	5.00
76-13-1	Trichlorotrifluoroethane	25.4		0.188	5.00
563-58-6	1,1-Dichloropropene	25.3		0.130	5.00
110-75-8	2-Chloroethylvinyl ether	9.51		2.10	5.00
142-28-9	1,3-Dichloropropane	24.7		0.136	5.00
108-86-1	Bromobenzene	24.8		0.235	5.00
95-49-8	2-Chlorotoluene	23.0		0.150	5.00
106-43-4	4-Chlorotoluene	26.1		0.325	5.00
98-06-6	tert-Butylbenzene	28.3		0.252	5.00
135-98-8	sec-Butylbenzene	28.1		0.117	5.00

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS393347

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393347

Level: (low/med) LOW Lab File ID: 2060722Q/V4474

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1514

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: ABD

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	26.1		0.236	5.00
106-46-7	1,4-Dichlorobenzene	25.7		0.421	5.00
104-51-8	n-Butylbenzene	28.8		0.178	5.00
95-50-1	1,2-Dichlorobenzene	26.0		0.114	5.00
87-68-3	Hexachlorobutadiene	29.0		1.25	5.00
91-20-3	Naphthalene	26.6		0.376	5.00
75-35-4	1,1-Dichloroethene	24.0		0.359	5.00
71-43-2	Benzene	24.6		0.104	5.00
79-01-6	Trichloroethene	29.1		0.177	5.00
108-88-3	Toluene	26.5		0.550	5.00
108-90-7	Chlorobenzene	25.4		0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4474.d
Lab Smp Id: 393347 Client Smp ID: LCS for HBN 328585
Inj Date : 22-JUL-2006 15:14
Operator : ABD Inst ID: msv4.i
Smp Info : 393347*LCS for HBN 328585
Misc Info : MSV~8729*1*ABD
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:52 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.651	1.652	(0.259)	111777	24.3758	24.4	8528
2 Chloromethane ++	50	1.831	1.826	(0.287)	115802	19.0437	19.0	5495
3 Vinyl Chloride +	62	1.894	1.895	(0.297)	100829	23.6324	23.6	8417
5 Bromomethane	94	2.174	2.169	(0.341)	34704	15.8869	15.9	9222
7 Chloroethane	64	2.279	2.285	(0.358)	49745	22.6095	22.6	8121
8 Trichlorofluoromethane	101	2.406	2.407	(0.377)	104025	23.8586	23.9	8954
10 1,1-Dichloroethene +	96	2.881	2.871	(0.452)	51974	23.9557	24.0	7551
11 Carbon Disulfide	76	2.908	2.903	(0.456)	235545	23.1585	23.2	8065
12 1,1,2Trichlotrifluoroethane	101	2.929	2.914	(0.459)	76801	25.3646	25.4	8776
13 Methyl Iodide	142	3.018	3.019	(0.473)	75939	25.1406	25.1	7169
14 Acrolein	56	3.224	3.225	(0.506)	76750	98.3355	98.3	3468
15 Methylene Chloride	49	3.493	3.494	(0.548)	132886	18.7122	18.7	8543
17 Acetone	43	3.562	3.552	(0.559)	81656	31.3133	31.3	5879

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.683	3.679	(0.578)	100234	22.7381	22.7	6951
	19 Methyl Acetate	43	3.710	3.705	(0.582)	101117	17.8543	17.9	5712
	20 Hexane	57	3.789	3.790	(0.594)	168499	22.4031	22.4	8687
	21 MTBE	73	3.821	3.821	(0.599)	242332	21.9716	22.0	6281
	26 1,1-Dichloroethane ++	63	4.454	4.450	(0.699)	133058	22.8242	22.8	8774
	27 Acrylonitrile	53	4.528	4.529	(0.710)	293576	96.8590	96.9	6742
	30 Vinyl Acetate	43	4.776	4.777	(0.749)	194677	18.7946	18.8	
	31 cis-1,2-Dichloroethene	61	5.077	5.078	(0.796)	105577	21.7322	21.7	7449
	33 2,2-Dichloropropane	77	5.193	5.189	(0.815)	92181	23.3407	23.3	6594
	35 Cyclohexane	56	5.283	5.284	(0.829)	120478	23.5458	23.5	6122
	37 Bromochloromethane	128	5.288	5.289	(0.829)	38282	23.4817	23.5	6911
	39 Chloroform +	83	5.383	5.384	(0.844)	128862	22.3513	22.4	8808
	42 Carbon Tetrachloride	117	5.504	5.510	(0.863)	77944	26.5926	26.6	8204
$	44 Dibromofluoromethane	111	5.573	5.569	(0.874)	199131	52.0041	52.0	5556
	45 1,1,1-Trichloroethane	97	5.578	5.584	(0.875)	99994	24.9965	25.0	9334
	46 2-Butanone	43	5.710	5.711	(0.896)	204864	20.9228	20.9	
	47 1,1-Dichloropropene	75	5.710	5.711	(0.896)	94755	25.3038	25.3	8322
	53 Benzene	78	5.964	5.959	(0.935)	270297	24.5778	24.6	8271
$	54 1,2-Dichloroethane-d4	67	6.101	6.102	(0.957)	123753	47.6326	47.6	9495
	55 1,2-Dichloroethane	62	6.164	6.165	(0.967)	134509	22.5742	22.6	8269
*	58 FLUOROBENZENE	96	6.375	6.371	(1.000)	556622	50.0000		9550
	59 Methyl cyclohexane	83	6.513	6.513	(1.022)	111353	27.6509	27.7	9172
	60 Trichloroethene	130	6.534	6.534	(1.025)	79110	29.0971	29.1	8995
	62 Dibromomethane	93	6.924	6.925	(1.086)	66965	23.3338	23.3	8753
	64 1,2-Dichloropropane +	63	7.019	7.015	(1.101)	85363	23.1553	23.2	8959
M	65 Total 1,2-Dichloroethene	61				205811	44.4214	44.4	0
	67 Bromodichloromethane	83	7.077	7.078	(1.110)	111745	23.6554	23.7	9004
	71 1-Bromo-2-chloroethane	144	7.510	7.511	(1.178)	14492	25.8488	25.8	8989
	72 2-Chloroethyl vinyl ether	63	7.600	7.590	(1.192)	16349	9.51319	9.51	2438(R)
	74 cis-1,3-Dichloropropene	75	7.647	7.648	(1.200)	132129	23.9878	24.0	
M	75 1-3 Dichloropropene-Total	100				263855	47.3808	47.4	0
$	76 Toluene-d8	98	7.806	7.807	(0.854)	528922	59.4527	59.5	9348
	77 Toluene +	91	7.853	7.849	(0.859)	276500	26.4781	26.5	9268
	80 Tetrachloroethene	164	8.186	8.181	(0.895)	55823	31.6197	31.6	9111(R)
	81 4-methyl-2-pentanone	43	8.191	8.187	(0.896)	259396	22.0058	22.0	
	82 trans-1,3-Dichloropropene	75	8.223	8.218	(0.900)	131726	24.2818	24.3	
	83 1,1,2-Trichloroethane	97	8.355	8.355	(0.914)	78357	24.1686	24.2	9019
	85 Dibromochloromethane	129	8.508	8.509	(0.931)	85857	24.8745	24.9	8718
	86 1,3-Dichloropropane	76	8.592	8.593	(0.940)	138315	24.6639	24.7	8814
	87 1,2-Dibromoethane(EDB)	107	8.714	8.714	(0.953)	91351	24.5003	24.5	8363
	88 2-Hexanone	43	8.898	8.899	(0.973)	217870	22.8752	22.9	7924
	89 1-Chlorohexane	91	9.131	9.131	(0.999)	107232	31.1407	31.1	6746
*	90 Chlorobenzene-d5	82	9.141	9.148	(1.000)	228685	50.0000		8185
	91 Chlorobenzene ++	112	9.157	9.158	(1.002)	184188	25.4119	25.4	7872
	92 Ethylbenzene +	91	9.173	9.174	(1.003)	330768	26.7763	26.8	7551
	93 1,1,1,2-Tetrachloroethane	133	9.210	9.211	(1.008)	66434	26.4241	26.4	7906
	95 p,m-Xylene	106	9.294	9.295	(1.017)	229626	54.3209	54.3	9418

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.664	9.665	(1.057)	111976	26.9331	26.9	
99 Styrene	104	9.711	9.707	(1.062)	195073	27.0744	27.1	8752
100 Bromoform ++	173	9.738	9.738	(1.065)	65401	23.4766	23.5	7888
101 Isopropylbenzene	105	9.928	9.923	(1.086)	272222	28.0567	28.1	9299
$ 103 Bromofluorobenzene	174	10.176	10.177	(1.113)	170663	56.0824	56.1	8870
104 Bromobenzene	77	10.271	10.272	(0.922)	148219	24.8486	24.8	6940
105 n-Propylbenzene	91	10.276	10.277	(0.923)	351016	26.7694	26.8	7878
106 1,1,2,2-Tetrachloroethane++	83	10.345	10.340	(0.929)	121942	22.1225	22.1	3324
107 2-Chlorotoluene	91	10.561	10.419	(0.948)	215261	23.0351	23.0	8970
108 1,3,5-Trimethylbenzene	105	10.434	10.435	(0.937)	241197	27.2405	27.2	
109 1,2,3-Trichloropropane	75	10.466	10.467	(0.940)	149914	23.1938	23.2	3812(H)
110 trans-1,4-Dichloro-2-Butene	53	10.492	10.493	(0.942)	36073	26.1464	26.1	9107
111 4-Chlorotoluene	91	10.561	10.562	(0.948)	215261	26.0738	26.1	8988
112 tert-butylbenzene	91	10.714	10.715	(0.962)	142467	28.3107	28.3	9224
114 1,2,4-Trimethylbenzene	105	10.772	10.773	(0.967)	238405	26.9499	26.9	
116 sec-Butylbenzene	105	10.867	10.868	(0.976)	319493	28.1315	28.1	
117 p-Isopropyltoluene	119	10.983	10.984	(0.986)	250688	28.9294	28.9	7036
120 1,3-Dichlorobenzene	146	11.073	11.074	(0.994)	125486	26.0670	26.1	
* 121 1,4-DICHLOROBENZENE-D4	152	11.136	11.138	(1.000)	176833	50.0000		8696
122 1,4-Dichlorobenzene	146	11.152	11.148	(1.001)	138050	25.6826	25.7	
123 n-Butylbenzene	91	11.358	11.359	(1.020)	244084	28.7943	28.8	9260
M 124 TOTAL XYLENE	106				341602	81.2540	81.3	0
125 1,2-Dichlorobenzene	146	11.543	11.538	(1.036)	125885	26.0066	26.0	
126 1,2-Dibromo-3-Chloropropane	157	12.372	12.367	(1.111)	27231	22.9823	23.0	5462
127 Hexachlorobutadiene	225	13.137	13.143	(1.180)	45663	29.0255	29.0	8588
128 1,2,4-Trichlorobenzene	180	13.200	13.201	(1.185)	77604	25.9021	25.9	
129 Napthalene	128	13.580	13.581	(1.219)	212848	26.5835	26.6	6229
130 1,2,3-Trichlorobenzene	180	13.791	13.787	(1.238)	82271	27.8690	27.9	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

000588

Data File: /var/chem/msv4.i/2060722q.s.b/v4474.d

Page 1

Date : 22-JUL-2006 15:14

Client ID: LCS for HBN 328585

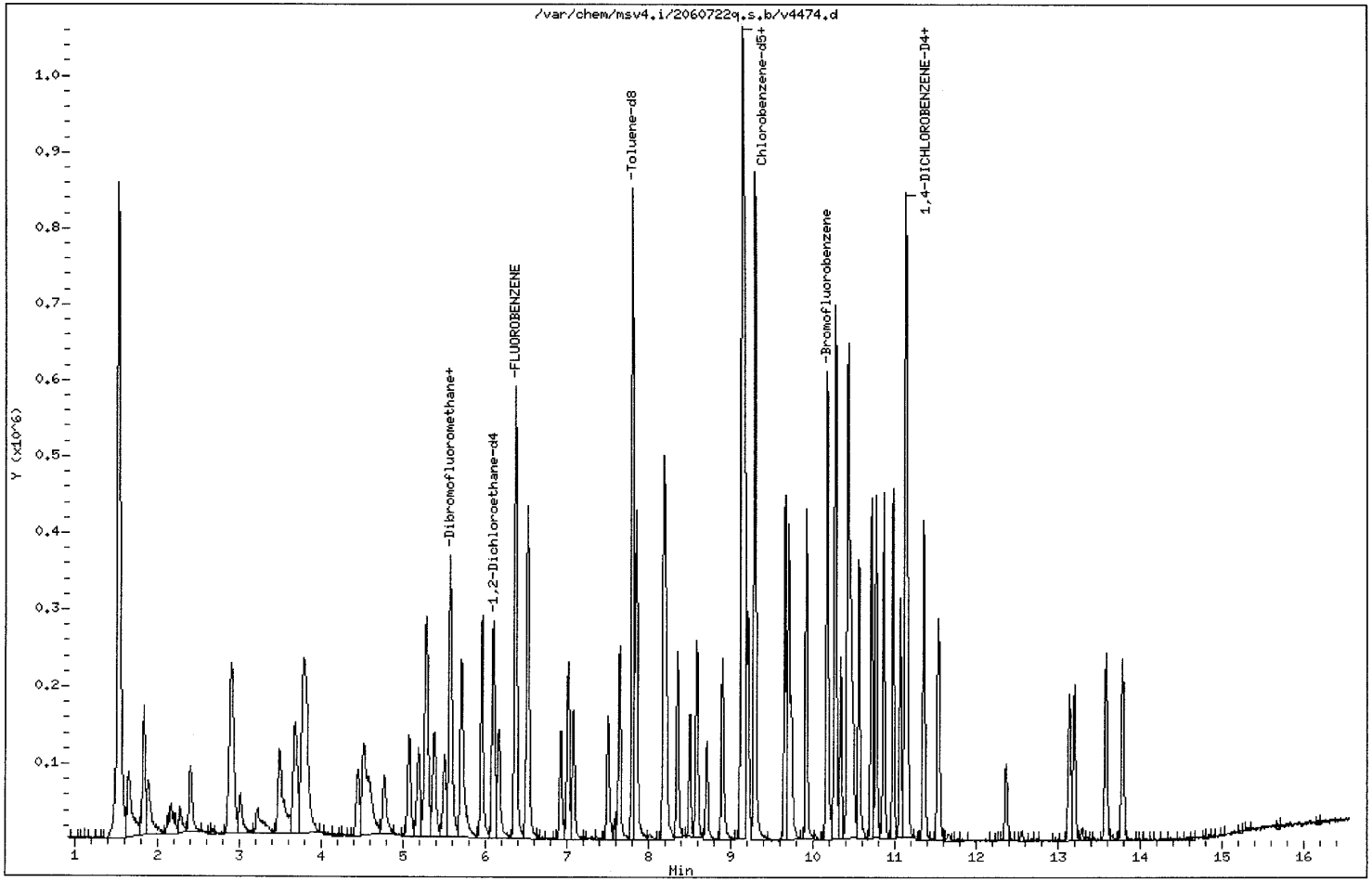
Instrument: msv4.i

Sample Info: 393347*LCS for HBN 328585

Operator: ABD

Column phase: DB-624-30M

Column diameter: 0.53

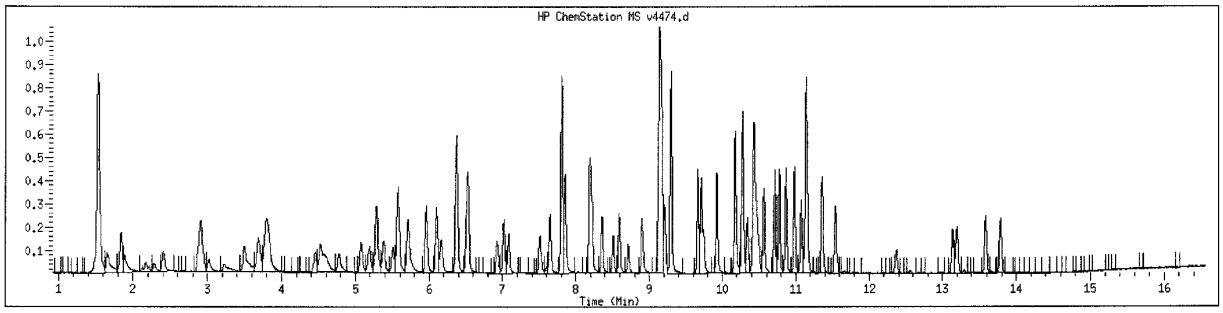


188560

Data file : /var/chem/msv4.i/2060722q.s.b/v4474.d Page: 1
Report Date: 07/23/2006 11:20

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 393347 SampleType : LCS
Injection Date: 22-JUL-2006 15:14 Instrument : msv4.i
Operator : ABD
Sample Info : 393347*LCS for HBN 328585
Misc Info : MSV~8729*1*ABD
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



NO MANUAL INTEGRATIONS

188561

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCS393394

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393394

Level: (low/med) LOW Lab File ID: 2060723/V4510

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0818

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	24.0	J	0.374	25.0
107-02-8	Acrolein	115		2.34	25.0
107-13-1	Acrylonitrile	135		0.712	25.0
75-27-4	Bromodichloromethane	23.1		0.135	5.00
75-25-2	Bromoform	25.2		0.169	5.00
74-83-9	Bromomethane	15.5		1.51	5.00
75-15-0	Carbon disulfide	24.5		0.109	5.00
56-23-5	Carbon tetrachloride	26.7		0.120	5.00
75-00-3	Chloroethane	25.2		0.606	5.00
136777-61-	m,p-Xylene	52.3		0.398	5.00
67-66-3	Chloroform	22.4		0.141	5.00
74-87-3	Chloromethane	20.4		0.464	5.00
124-48-1	Dibromochloromethane	24.7		0.090	5.00
74-95-3	Dibromomethane	24.2		0.156	5.00
75-71-8	Dichlorodifluoromethane	25.4		0.364	5.00
75-34-3	1,1-Dichloroethane	24.8		0.159	5.00
107-06-2	1,2-Dichloroethane	23.0		0.114	5.00
156-59-2	cis-1,2-Dichloroethene	23.8		0.126	5.00
156-60-5	trans-1,2-Dichloroethene	24.2		0.164	5.00
75-09-2	Methylene chloride	19.4		0.479	10.0
78-87-5	1,2-Dichloropropane	22.8		0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	24.2		0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	24.3		0.141	5.00
100-41-4	Ethylbenzene	26.2		0.207	5.00
591-78-6	2-Hexanone	27.3		0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	27.4		0.153	5.00
78-93-3	2-Butanone	23.8		0.312	5.00
74-88-4	Methyl iodide	21.1		0.906	5.00
108-10-1	4-Methyl-2-pentanone	26.7		0.173	5.00
103-65-1	n-Propylbenzene	27.5		0.140	5.00
100-42-5	Styrene	30.8		0.152	5.00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS393394

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393394

Level: (low/med) LOW Lab File ID: 2060723/V4510

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0818

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	30.2		0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	24.7		0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	24.8		0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	26.0		0.327	5.00
71-55-6	1,1,1-Trichloroethane	25.3		0.123	5.00
79-00-5	1,1,2-Trichloroethane	24.1		0.114	5.00
75-69-4	Trichlorofluoromethane	27.4		0.252	5.00
96-18-4	1,2,3-Trichloropropane	26.0		0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	27.5		0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	28.0		0.163	5.00
75-01-4	Vinyl chloride	25.4		0.351	5.00
95-47-6	o-Xylene	25.9		0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	29.3		0.866	5.00
106-93-4	1,2-Dibromoethane	24.4		0.150	5.00
108-05-4	Vinyl acetate	20.9		0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	24.4		0.074	5.00
99-87-6	4-Isopropyltoluene	28.8		0.161	5.00
1330-20-7	Xylene (total)	78.2		0.572	10.0
108-87-2	Methylcyclohexane	26.2		0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	31.5		0.721	5.00
110-82-7	Cyclohexane	26.2		1.11	5.00
594-20-7	2,2-Dichloropropane	23.8		0.176	5.00
79-20-9	Methyl Acetate	17.3		1.53	5.00
76-13-1	Trichlorotrifluoroethane	26.2		0.188	5.00
563-58-6	1,1-Dichloropropene	25.6		0.130	5.00
110-75-8	2-Chloroethylvinyl ether	13.0		2.10	5.00
142-28-9	1,3-Dichloropropane	24.4		0.136	5.00
108-86-1	Bromobenzene	25.4		0.235	5.00
95-49-8	2-Chlorotoluene	26.6		0.150	5.00
106-43-4	4-Chlorotoluene	26.9		0.325	5.00
98-06-6	tert-Butylbenzene	29.1		0.252	5.00
135-98-8	sec-Butylbenzene	29.1		0.117	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCS393394

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393394

Level: (low/med) LOW Lab File ID: 2060723/V4510

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0818

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	25.9		0.236	5.00
106-46-7	1,4-Dichlorobenzene	26.3		0.421	5.00
104-51-8	n-Butylbenzene	29.8		0.178	5.00
95-50-1	1,2-Dichlorobenzene	27.4		0.114	5.00
87-68-3	Hexachlorobutadiene	26.5		1.25	5.00
91-20-3	Naphthalene	29.4		0.376	5.00
75-35-4	1,1-Dichloroethene	25.5		0.359	5.00
71-43-2	Benzene	24.2		0.104	5.00
79-01-6	Trichloroethene	27.6		0.177	5.00
108-88-3	Toluene	26.0		0.550	5.00
108-90-7	Chlorobenzene	24.7		0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4510.d
Lab Smp Id: 393394 Client Smp ID: LCS for HBN 328605
Inj Date : 23-JUL-2006 08:18
Operator : KCB Inst ID: msv4.i
Smp Info : 393394*LCS for HBN 328605
Misc Info : MSV~8738~*1*KCB
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 24-Jul-2006 15:42 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.653	1.656	(0.259)	99081	25.4327	25.4	8444
2 Chloromethane ++	50	1.827	1.825	(0.287)	105614	20.4433	20.4	6293
3 Vinyl Chloride +	62	1.891	1.894	(0.297)	91972	25.3731	25.4	8545
5 Bromomethane	94	2.170	2.168	(0.341)	28838	15.5389	15.5	9346
7 Chloroethane	64	2.276	2.279	(0.357)	47166	25.2328	25.2	8143
8 Trichlorofluoromethane	101	2.403	2.406	(0.377)	101330	27.3553	27.4	8966
10 1,1-Dichloroethene +	96	2.883	2.881	(0.452)	46981	25.4883	25.5	7849
11 Carbon Disulfide	76	2.904	2.913	(0.456)	211671	24.4959	24.5	8279
12 1,1,2Trichlotrifluoroethane	101	2.925	2.928	(0.459)	67461	26.2247	26.2	8822
13 Methyl Iodide	142	3.020	3.023	(0.474)	54142	21.0980	21.1	6968
14 Acrolein	56	3.226	3.240	(0.506)	76744	114.983	115	3386
15 Methylene Chloride	49	3.490	3.504	(0.548)	116706	19.4034	19.4	8559
17 Acetone	43	3.585	3.588	(0.563)	54383	23.9878	24.0	5693(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.680	3.683	(0.578)	90733	24.2270	24.2	6961
	19 Methyl Acetate	43	3.712	3.710	(0.583)	83054	17.2614	17.3	5647
	20 Hexane	57	3.786	3.789	(0.594)	148435	23.2296	23.2	8559
	21 MTBE	73	3.817	3.826	(0.599)	228737	24.4109	24.4	6217
	26 1,1-Dichloroethane ++	63	4.445	4.459	(0.698)	122747	24.7835	24.8	8859
	27 Acrylonitrile	53	4.530	4.538	(0.711)	346910	134.720	135	6550
	30 Vinyl Acetate	43	4.773	4.786	(0.749)	183824	20.8889	20.9	
	31 cis-1,2-Dichloroethene	61	5.079	5.077	(0.797)	98087	23.7652	23.8	7265
	33 2,2-Dichloropropane	77	5.195	5.193	(0.815)	79816	23.7880	23.8	6428
	35 Cyclohexane	56	5.279	5.282	(0.829)	114093	26.2459	26.2	6109
	37 Bromochloromethane	128	5.300	5.298	(0.832)	32972	23.8054	23.8	7690
	39 Chloroform +	83	5.380	5.388	(0.844)	109574	22.3708	22.4	8856
	42 Carbon Tetrachloride	117	5.512	5.515	(0.865)	66458	26.6883	26.7	8322
$	44 Dibromofluoromethane	111	5.575	5.578	(0.875)	156916	48.2349	48.2	5575
	45 1,1,1-Trichloroethane	97	5.585	5.589	(0.877)	86078	25.3275	25.3	9308
	46 2-Butanone	43	5.717	5.731	(0.897)	198014	23.8038	23.8	
	47 1,1-Dichloropropene	75	5.717	5.721	(0.897)	81517	25.6228	25.6	8188
	53 Benzene	78	5.966	5.969	(0.936)	225965	24.1846	24.2	8353
$	54 1,2-Dichloroethane-d4	67	6.103	6.106	(0.958)	107678	48.7833	48.8	9380
	55 1,2-Dichloroethane	62	6.166	6.175	(0.968)	116470	23.0076	23.0	8366
*	58 FLUOROBENZENE	96	6.372	6.380	(1.000)	472895	50.0000		9349
	59 Methyl cyclohexane	83	6.514	6.523	(1.022)	89792	26.2446	26.2	9164
	60 Trichloroethene	130	6.530	6.539	(1.025)	63701	27.5778	27.6	8646
	62 Dibromomethane	93	6.926	6.935	(1.087)	59033	24.2119	24.2	8562
	64 1,2-Dichloropropane +	63	7.011	7.024	(1.100)	71396	22.7956	22.8	8905
M	65 Total 1,2-Dichloroethene	61				188820	47.9698	48.0	0
	67 Bromodichloromethane	83	7.085	7.088	(1.112)	92561	23.0635	23.1	8938
	71 1-Bromo-2-chloroethane	144	7.512	7.515	(1.179)	10918	22.9219	22.9	8822
	72 2-Chloroethyl vinyl ether	63	7.597	7.605	(1.192)	21454	13.0153	13.0	2532(R)
	74 cis-1,3-Dichloropropene	75	7.649	7.652	(1.200)	113273	24.2055	24.2	
M	75 1-3 Dichloropropene-Total	100				224334	47.4163	47.4	0
$	76 Toluene-d8	98	7.808	7.811	(0.854)	431417	57.5881	57.6	9205
	77 Toluene +	91	7.850	7.858	(0.859)	228824	26.0225	26.0	9136
	80 Tetrachloroethene	164	8.188	8.191	(0.895)	44921	30.2169	30.2	8672
	81 4-methyl-2-pentanone	43	8.193	8.196	(0.896)	265347	26.7328	26.7	
	82 trans-1,3-Dichloropropene	75	8.219	8.223	(0.899)	111061	24.3123	24.3	
	83 1,1,2-Trichloroethane	97	8.357	8.360	(0.914)	65851	24.1208	24.1	8914
	85 Dibromochloromethane	129	8.510	8.513	(0.931)	71682	24.6629	24.7	8509
	86 1,3-Dichloropropane	76	8.594	8.597	(0.940)	115163	24.3872	24.4	8689
	87 1,2-Dibromoethane(EDB)	107	8.716	8.719	(0.953)	76740	24.4419	24.4	8154
	88 2-Hexanone	43	8.906	8.909	(0.974)	219883	27.2751	27.3	7844
	89 1-Chlorohexane	91	9.133	9.136	(0.999)	88075	30.3747	30.4	6209
*	90 Chlorobenzene-d5	82	9.143	9.146	(1.000)	192567	50.0000		8385
	91 Chlorobenzene ++	112	9.159	9.162	(1.002)	150469	24.6535	24.7	8094
	92 Ethylbenzene +	91	9.175	9.178	(1.003)	272961	26.2412	26.2	7387
	93 1,1,1,2-Tetrachloroethane	133	9.212	9.215	(1.008)	52286	24.6974	24.7	7895
	95 p,m-Xylene	106	9.296	9.299	(1.017)	186256	52.3253	52.3	9337

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.660	9.669	(1.057)	90587	25.8752	25.9	
99 Styrene	104	9.708	9.711	(1.062)	186659	30.7656	30.8	8701(R)
100 Bromoform ++	173	9.740	9.743	(1.065)	59190	25.2322	25.2	7859
101 Isopropylbenzene	105	9.924	9.927	(1.085)	223550	27.3618	27.4	9102
$ 103 Bromofluorobenzene	174	10.178	10.181	(1.113)	134703	52.5679	52.6	8880
104 Bromobenzene	77	10.267	10.276	(0.922)	120744	25.4165	25.4	6879
105 n-Propylbenzene	91	10.273	10.281	(0.923)	287507	27.5305	27.5	7706
106 1,1,2,2-Tetrachloroethane++	83	10.341	10.344	(0.929)	108920	24.8108	24.8	3330
107 2-Chlorotoluene	91	10.420	10.424	(0.936)	197756	26.5709	26.6	8741(H)
108 1,3,5-Trimethylbenzene	105	10.436	10.439	(0.937)	197579	28.0180	28.0	
109 1,2,3-Trichloropropane	75	10.468	10.466	(0.940)	133616	25.9562	26.0	3702(H)
110 trans-1,4-Dichloro-2-Butene	53	10.494	10.492	(0.943)	34629	31.5154	31.5	8840
111 4-Chlorotoluene	91	10.563	10.566	(0.949)	177104	26.9352	26.9	9045
112 tert-butylbenzene	91	10.716	10.719	(0.963)	116752	29.1308	29.1	8906
114 1,2,4-Trimethylbenzene	105	10.774	10.777	(0.968)	194041	27.5415	27.5	
116 sec-Butylbenzene	105	10.864	10.867	(0.976)	262854	29.0602	29.1	
117 p-Isopropyltoluene	119	10.980	10.983	(0.986)	198471	28.7578	28.8	7048
120 1,3-Dichlorobenzene	146	11.075	11.073	(0.995)	99433	25.9345	25.9	
* 121 1,4-DICHLOROBENZENE-D4	152	11.133	11.136	(1.000)	140835	50.0000		8632
122 1,4-Dichlorobenzene	146	11.149	11.152	(1.001)	112777	26.3436	26.3	
123 n-Butylbenzene	91	11.360	11.363	(1.020)	201349	29.8243	29.8	9135
M 124 TOTAL XYLENE	106				276843	78.2005	78.2	0
125 1,2-Dichlorobenzene	146	11.539	11.543	(1.036)	105636	27.4015	27.4	
126 1,2-Dibromo-3-Chloropropane	157	12.368	12.371	(1.111)	27999	29.3054	29.3	5355
127 Hexachlorobutadiene	225	13.144	13.142	(1.181)	33232	26.5231	26.5	8818
128 1,2,4-Trichlorobenzene	180	13.197	13.200	(1.185)	62065	26.0041	26.0	
129 Napthalene	128	13.582	13.585	(1.220)	189883	29.3503	29.4	6244
130 1,2,3-Trichlorobenzene	180	13.783	13.786	(1.238)	65635	27.9166	27.9	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060723.s.b/v4510.d

Date : 23-JUL-2006 08:18

Client ID: LCS for HBN 328605

Sample Info: 393394*LCS for HBN 328605

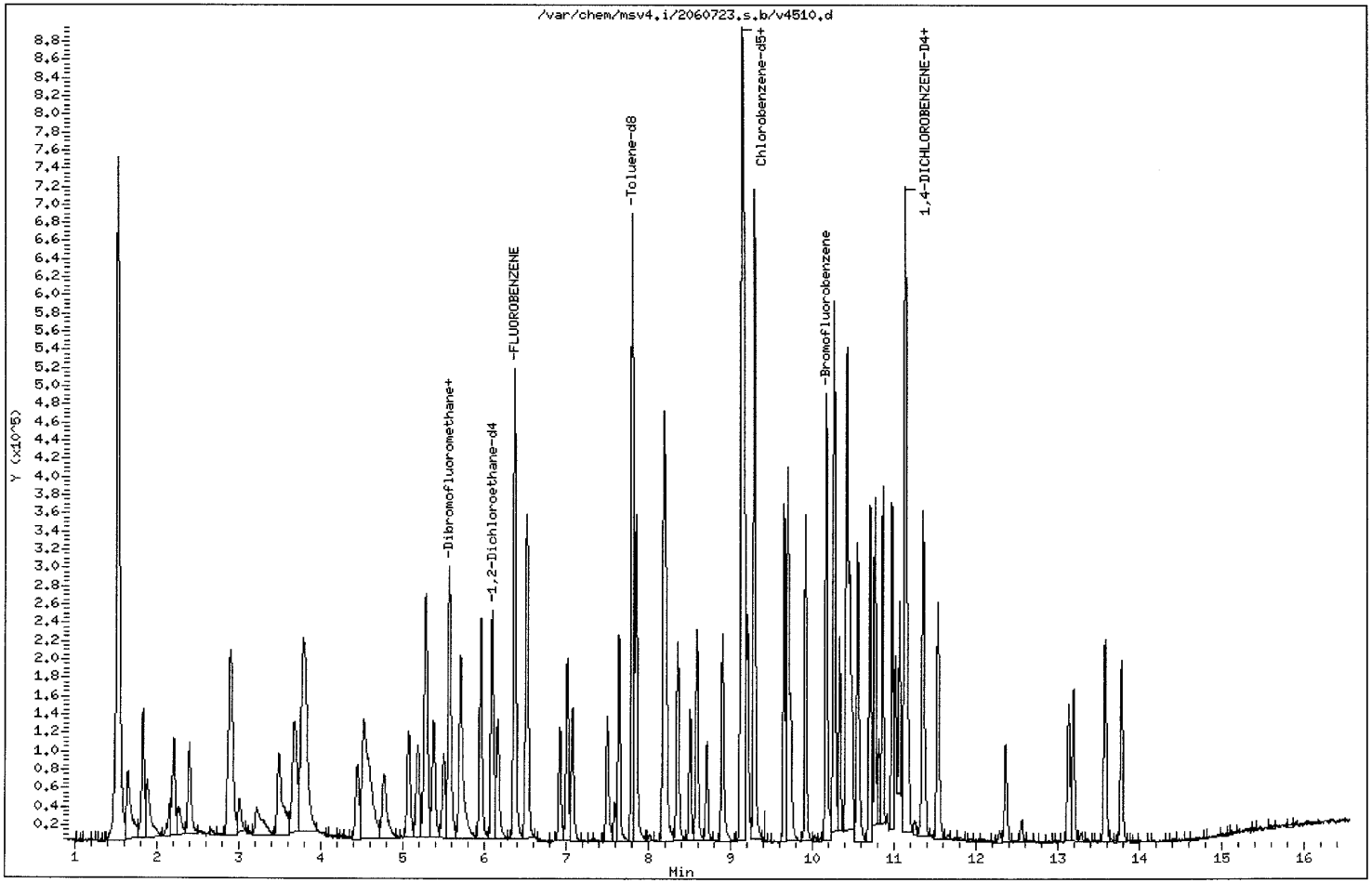
Column phase: DB-624-30M

Page 1

Instrument: msv4.i

Operator: KCB

Column diameter: 0.53



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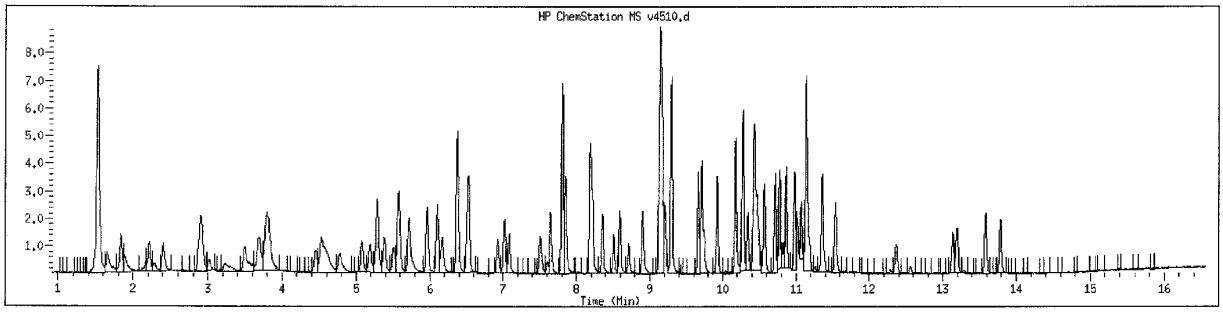
Data file : /var/chem/msv4.i/2060723.s.b/v4510.d Page: 1
Report Date: 07/24/2006 15:45

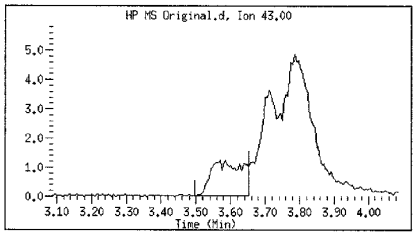
MANUAL INTEGRATION GRAPHIC REPORT

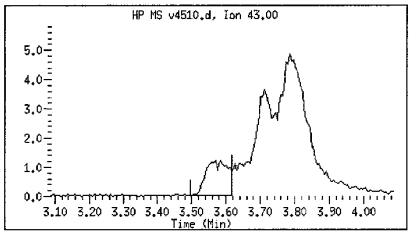
Lab ID : 393394 SampleType : LCS
Injection Date: 23-JUL-2006 08:18 Instrument : msv4.i
Operator : KCB
Sample Info : 393394*LCS for HBN 328605
Misc Info : MSV~8738~*1*KCB
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



Original Final

17 Acetone CAS#: 67-64-1





188569

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS395128

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395128

Level: (low/med) LOW Lab File ID: 2060727P/G6615

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2237

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	1610		18.7	1250
107-02-8	Acrolein	5010		117	1250
107-13-1	Acrylonitrile	5860		35.6	1250
75-27-4	Bromodichloromethane	1290		6.75	250
75-25-2	Bromoform	1070		8.45	250
74-83-9	Bromomethane	1340		75.3	250
75-15-0	Carbon disulfide	1300		5.45	250
56-23-5	Carbon tetrachloride	1340		6.00	250
75-00-3	Chloroethane	3520		30.3	250
136777-61-	m,p-Xylene	2470		19.9	250
67-66-3	Chloroform	1300		7.05	250
74-87-3	Chloromethane	1180		23.2	250
124-48-1	Dibromochloromethane	1140		4.50	250
74-95-3	Dibromomethane	1220		7.80	250
75-71-8	Dichlorodifluoromethane	1120		18.2	250
75-34-3	1,1-Dichloroethane	1350		7.95	250
107-06-2	1,2-Dichloroethane	1350		5.70	250
156-59-2	cis-1,2-Dichloroethene	1280		6.30	250
156-60-5	trans-1,2-Dichloroethene	1420		8.20	250
75-09-2	Methylene chloride	1320		24.0	500
78-87-5	1,2-Dichloropropane	1330		5.60	250
10061-01-5	cis-1,3-Dichloropropene	1270		5.75	250
10061-02-6	trans-1,3-Dichloropropene	1240		7.05	250
100-41-4	Ethylbenzene	1240		10.4	250
591-78-6	2-Hexanone	1030		41.3	250
98-82-8	Isopropylbenzene (Cumene)	1260		7.65	250
78-93-3	2-Butanone	1290		15.6	250
74-88-4	Methyl iodide	1600		45.3	250
108-10-1	4-Methyl-2-pentanone	1090		8.65	250
103-65-1	n-Propylbenzene	1270		7.00	250
100-42-5	Styrene	1270		7.60	250

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS395128

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395128

Level: (low/med) LOW Lab File ID: 2060727P/G6615

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2237

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1170		9.60	250
630-20-6	1,1,1,2-Tetrachloroethane	1240		8.80	250
79-34-5	1,1,2,2-Tetrachloroethane	1080		9.00	250
120-82-1	1,2,4-Trichlorobenzene	1350		16.4	250
71-55-6	1,1,1-Trichloroethane	1260		6.15	250
79-00-5	1,1,2-Trichloroethane	1240		5.70	250
75-69-4	Trichlorofluoromethane	1510		12.6	250
96-18-4	1,2,3-Trichloropropane	1110		12.3	100
95-63-6	1,2,4-Trimethylbenzene	1320		9.90	250
108-67-8	1,3,5-Trimethylbenzene	1340		8.15	250
75-01-4	Vinyl chloride	1320		17.6	250
95-47-6	o-Xylene	1280		8.70	250
96-12-8	1,2-Dibromo-3-chloropropane	902		43.3	250
106-93-4	1,2-Dibromoethane	1150		7.50	250
108-05-4	Vinyl acetate	1280		49.0	250
1634-04-4	tert-Butyl methyl ether (MTBE)	1100		3.70	250
99-87-6	4-Isopropyltoluene	1220		8.05	250
1330-20-7	Xylene (total)	3760		28.6	500
108-87-2	Methylcyclohexane	1260		18.5	250
110-57-6	trans-1,4-Dichloro-2-butene	1180		36.1	250
110-82-7	Cyclohexane	1210		55.3	250
594-20-7	2,2-Dichloropropane	1300		8.80	250
79-20-9	Methyl Acetate	1250		76.5	250
76-13-1	Trichlorotrifluoroethane	1240		9.40	250
563-58-6	1,1-Dichloropropene	1200		6.50	250
110-75-8	2-Chloroethylvinyl ether	1610		105	250
142-28-9	1,3-Dichloropropane	1240		6.80	250
108-86-1	Bromobenzene	1250		11.8	250
95-49-8	2-Chlorotoluene	1300		7.50	250
106-43-4	4-Chlorotoluene	1270		16.3	250
98-06-6	tert-Butylbenzene	1220		12.6	250
135-98-8	sec-Butylbenzene	1260		5.85	250

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS395128

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395128

Level: (low/med) LOW Lab File ID: 2060727P/G6615

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2237

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	1220		11.8	250
106-46-7	1,4-Dichlorobenzene	1290		21.1	250
104-51-8	n-Butylbenzene	1330		8.90	250
95-50-1	1,2-Dichlorobenzene	1250		5.70	250
87-68-3	Hexachlorobutadiene	1170		62.3	250
91-20-3	Naphthalene	1390		18.8	250
75-35-4	1,1-Dichloroethene	1370		18.0	250
71-43-2	Benzene	1270		5.20	250
79-01-6	Trichloroethene	1270		8.85	250
108-88-3	Toluene	1150		27.5	250
108-90-7	Chlorobenzene	1240		8.25	250

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6615.d
Lab Smp Id: 395128 Client Smp ID: LCS FOR HBN 328954
Inj Date : 27-JUL-2006 22:37
Operator : RSS Inst ID: msv5.i
Smp Info : 395128*LCS FOR HBN 328954
Misc Info : MSV~8768~*50*ABD
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 17-Aug-2006 07:36 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 8 QC Sample: LCS
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	1 Dichlorodifluoromethane	85	1.413	1.413	(0.260)	109206	22.3977	1120	
	2 Chloromethane ++	50	1.577	1.571	(0.290)	149444	23.5212	1180	
	3 Vinyl Chloride +	62	1.641	1.641	(0.302)	111010	26.3506	1320	
	5 Bromomethane	94	1.910	1.910	(0.351)	62744	26.8822	1340	
M	6 1-3 Dichloropropene-Total	100				316093	50.9565	2550	0
	8 Chloroethane	64	2.004	2.004	(0.369)	29004	70.4059	3520	(R)
	9 Trichlorofluoromethane	101	2.138	2.145	(0.393)	103290	30.2323	1510	
	11 1,1-Dichloroethene +	96	2.624	2.619	(0.483)	48968	27.3016	1370	
	12 Carbon Disulfide	76	2.647	2.642	(0.487)	233521	25.9620	1300	
	13 1,1,2Trichlotrifluoroethane	101	2.671	2.671	(0.491)	63923	24.7941	1240	
	14 Methyl Iodide	142	2.759	2.760	(0.508)	125542	31.9422	1600	
	15 Acrolein	56	2.975	2.970	(0.547)	35686	100.139	5010	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	17 Methylene Chloride	49	3.227	3.228	(0.594)	99411	26.4067	1320	
	18 Acetone	43	3.286	3.292	(0.604)	31002	32.1283	1610	
	19 trans-1,2-Dichloroethene	61	3.397	3.397	(0.625)	89911	28.4962	1420	
	20 Methyl Acetate	43	3.426	3.421	(0.630)	63525	24.9559	1250	9145
	21 Hexane	57	3.485	3.480	(0.641)	129495	24.6749	1230	0(M)
	22 MTBE	73	3.508	3.521	(0.645)	158450	21.9598	1100	6921
	27 1,1-Dichloroethane ++	63	3.982	3.983	(0.733)	146935	27.0076	1350	
	29 Acrylonitrile	53	4.029	4.030	(0.741)	188416	117.144	5860	
	30 Vinyl Acetate	43	4.216	4.211	(0.776)	204555	25.6015	1280	
	31 cis-1,2-Dichloroethene	61	4.444	4.451	(0.818)	122432	25.6715	1280	
	32 2,2-Dichloropropane	77	4.532	4.539	(0.834)	110664	25.9967	1300	
	33 Bromochloromethane	128	4.609	4.616	(0.848)	43390	25.6038	1280	
	34 Cyclohexane	56	4.609	4.610	(0.848)	142003	24.2645	1210	6311
	35 Chloroform +	83	4.673	4.674	(0.860)	149945	25.9381	1300	
	36 Carbon Tetrachloride	117	4.785	4.780	(0.880)	105149	26.8275	1340	
$	39 Dibromofluoromethane	111	4.820	4.821	(0.887)	218483	56.7623	2840	3874
	40 1,1,1-Trichloroethane	97	4.838	4.833	(0.890)	106065	25.2772	1260	
	42 2-Butanone	43	4.926	4.921	(0.906)	63278	25.8962	1290	
	43 1,1-Dichloropropene	75	4.938	4.933	(0.908)	112710	23.9901	1200	
	45 Benzene	78	5.125	5.126	(0.943)	334200	25.4670	1270	
$	48 1,2-Dichloroethane-d4	67	5.230	5.232	(0.962)	119204	55.0876	2750	
	49 1,2-Dichloroethane	62	5.283	5.279	(0.972)	121950	27.0520	1350	
*	52 FLUOROBENZENE	96	5.436	5.437	(1.000)	699749	50.0000		
	53 Methyl Cyclohexane	83	5.553	5.554	(1.022)	144224	25.2539	1260	9048
	54 Trichloroethene	130	5.565	5.566	(1.024)	83536	25.4886	1270	
	57 Dibromomethane	93	5.869	5.871	(1.080)	71209	24.3224	1220	--
	59 1,2-Dichloropropane +	63	5.939	5.941	(1.093)	103122	26.6249	1330	
	60 Bromodichloromethane	83	5.987	5.988	(1.101)	130835	25.7217	1290	
M	61 Total 1,2-Dichloroethene	61				212343	54.1677	2710	
	64 1-Bromo-2-chloroethane	63	6.326	6.327	(1.164)	160286	24.3846	1220	7277
	65 2-Chloroethyl vinyl ether	63	6.379	6.380	(1.173)	85645	32.1477	1610	
	66 cis-1,3-Dichloropropene	75	6.426	6.427	(1.182)	164407	25.4592	1270	
$	67 Toluene-d8	98	6.555	6.556	(0.860)	693002	53.9808	2700	
	69 Toluene +	91	6.590	6.592	(0.865)	385306	23.0973	1150	
	71 4-methyl-2-pentanone	43	6.842	6.843	(1.259)	124687	21.8984	1090	
	72 Tetrachloroethene	164	6.859	6.861	(0.900)	69002	23.3425	1170	
	73 trans-1,3-Dichloropropene	75	6.871	6.873	(0.902)	151686	24.7373	1240	
	75 1,1,2-Trichloroethane	97	6.982	6.984	(0.916)	94716	24.8882	1240	
	76 Dibromochloromethane	129	7.111	7.113	(0.933)	100441	22.7109	1140	
	77 1,3-Dichloropropane	76	7.176	7.178	(0.942)	161616	24.8266	1240	
	79 1,2-Dibromoethane(EDB)	107	7.281	7.284	(0.955)	101586	22.9737	1150	
	80 2-Hexanone	43	7.410	7.407	(0.972)	89587	20.6871	1030	(M)
	82 1-Chlorohexane	91	7.597	7.600	(0.997)	155778	24.3540	1220	9570
*	83 CHLOROBENZENE-d5	82	7.621	7.623	(1.000)	315536	50.0000		
	84 Chlorobenzene ++	112	7.633	7.629	(1.002)	240308	24.7089	1240	
	85 Ethylbenzene +	106	7.639	7.641	(1.002)	129619	24.7079	1240	
	86 1,1,1,2-Tetrachloroethane	133	7.668	7.671	(1.006)	83331	24.7255	1240	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	87 p,m-Xylene	106	7.739	7.736	(1.015)	301130	49.4502	2470	
	89 o-Xylene	106	8.032	8.034	(1.054)	156960	25.6580	1280	
	90 Styrene	104	8.067	8.064	(1.058)	284787	25.3409	1270	
	91 Bromoform ++	173	8.096	8.099	(1.062)	70130	21.3039	1070	
	93 Isopropylbenzene	105	8.237	8.240	(1.081)	391526	25.2009	1260	(H)
S	94 Bromofluorobenzene	174	8.448	8.445	(1.108)	216645	52.3593	2620	
	95 n-Propylbenzene	91	8.518	8.521	(0.926)	527160	25.4460	1270	
	96 Bromobenzene	77	8.524	8.527	(0.927)	205312	25.0970	1250	
	97 1,1,2,2-Tetrachloroethane++	83	8.566	8.569	(0.932)	138022	21.6939	1080	
	98 2-Chlorotoluene	91	8.642	8.645	(0.940)	353696	25.9259	1300	
	99 1,3,5-Trimethylbenzene	105	8.642	8.645	(0.940)	352369	26.8203	1340	
	100 1,2,3-Trichloropropane	75	8.671	8.675	(0.943)	154853	22.2867	1110	
	101 trans-1,4-Dichloro-2-Butene	53	8.689	8.687	(0.945)	30940	23.5831	1180	
	103 4-Chlorotoluene	91	8.754	8.757	(0.952)	319012	25.3287	1270	(H)
	104 tert-butylbenzene	91	8.871	8.869	(0.965)	200844	24.3129	1220	
	106 1,2,4-Trimethylbenzene	105	8.912	8.916	(0.969)	355595	26.3591	1320	
	107 sec-Butylbenzene	105	8.989	8.987	(0.978)	475207	25.2371	1260	
	108 p-Isopropyltoluene	119	9.071	9.069	(0.987)	363877	24.4366	1220	
	110 1,3-Dichlorobenzene	146	9.147	9.151	(0.995)	187586	24.4145	1220	
*	111 1,4-DICHLOROBENZENE-D4	152	9.195	9.199	(1.000)	259897	50.0000		
	112 1,4-Dichlorobenzene	146	9.206	9.205	(1.001)	207728	25.8621	1290	
	115 n-Butylbenzene	91	9.347	9.345	(1.017)	425061	26.6486	1330	
	116 1,2-Dichlorobenzene	146	9.482	9.486	(1.031)	192921	25.0965	1250	
	120 1,2-Dibromo-3-Chloropropane	157	9.991	9.990	(1.087)	23892	18.0376	902	
	122 Hexachlorobutadiene	225	10.372	10.371	(1.128)	66227	23.4173	1170	
	123 1,2,4-Trichlorobenzene	180	10.407	10.407	(1.132)	135462	26.9583	1350	
M	124 TOTAL XYLENE	106				458090	75.1083	3760	
	125 Naphthalene	128	10.625	10.624	(1.156)	336262	27.7266	1390	
	126 1,2,3-Trichlorobenzene	180	10.742	10.747	(1.168)	130052	26.1023	1310	

QC Flag Legend

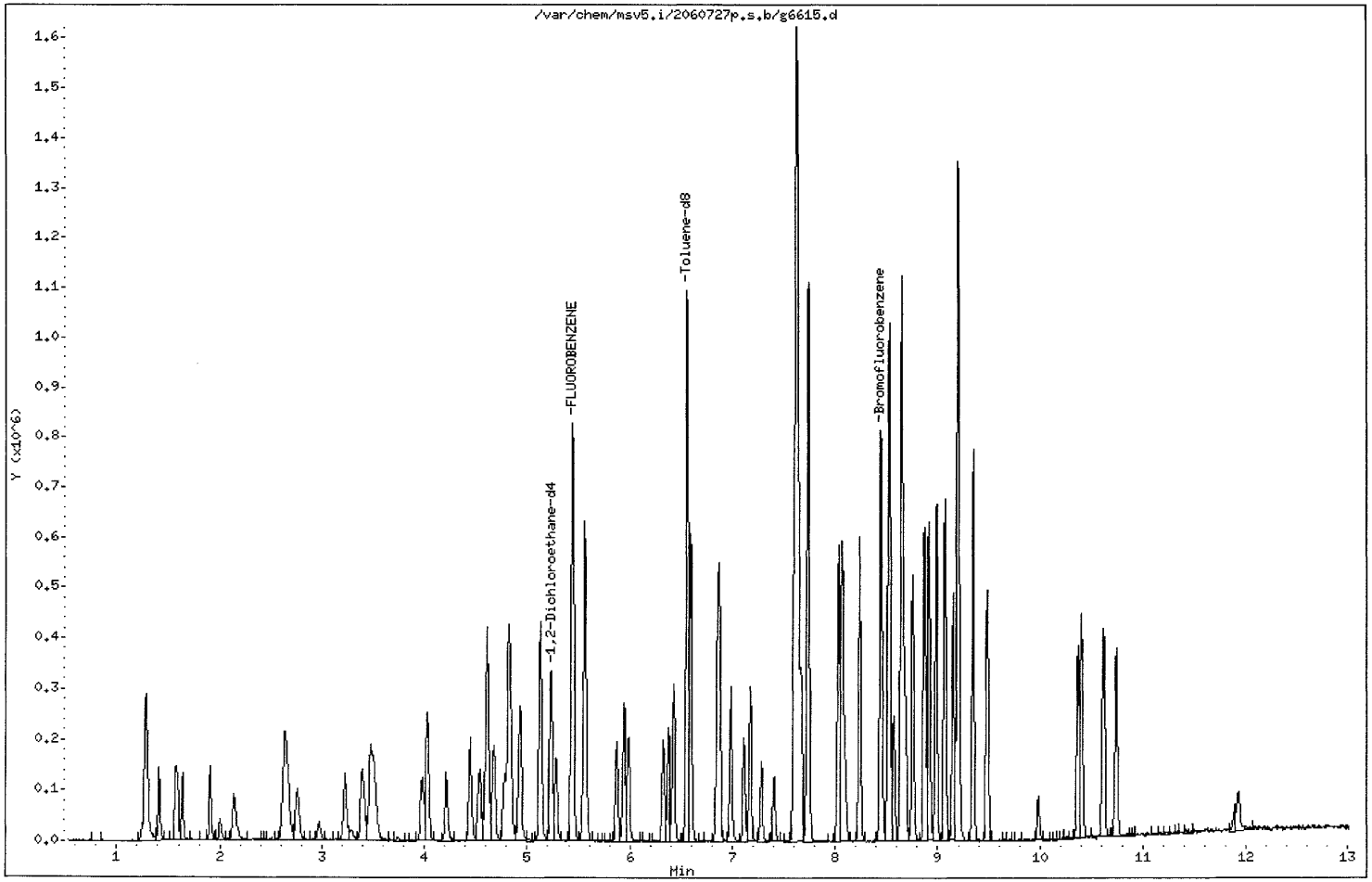
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060727p.s.b/g6615.d
Date : 27-JUL-2006 22:37
Client ID: LCS FOR HBN 328954
Sample Info: 395128*LCS FOR HBN 328954
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

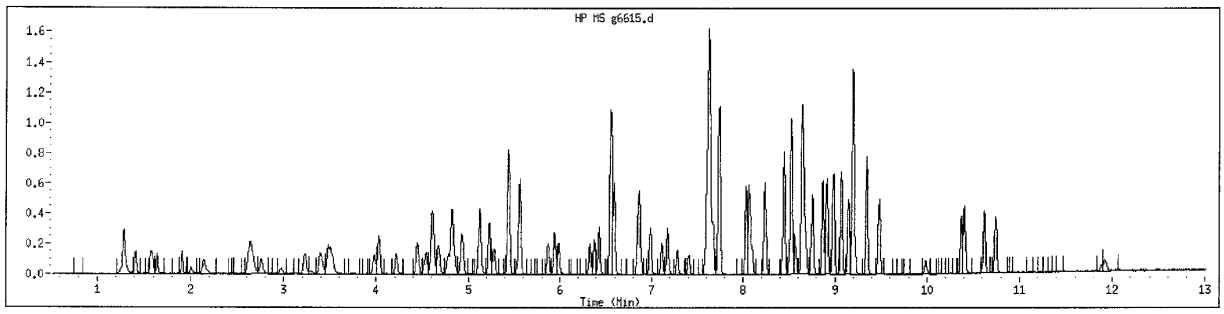
Operator: RSS
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060727p.s.b/g6615.d Page: 1
Report Date: 07/30/2006 19:13

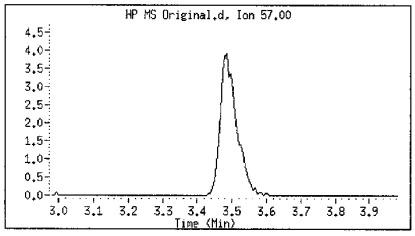
MANUAL INTEGRATION GRAPHIC REPORT

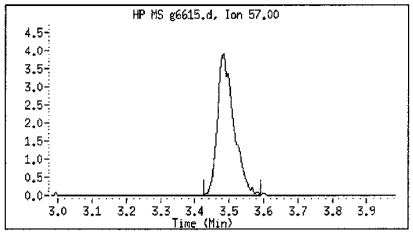
Lab ID	: 395128	SampleType	: LCS
Injection Date	: 27-JUL-2006 22:37	Instrument	: msv5.i
Operator	: RSS		
Sample Info	: 395128*LCS FOR HBN 328954		
Misc Info	: MSV~8768~*50*ABD		
Method	: /var/chem/msv5.i/2060727p.s.b/8260Bw5.m		
Dilution	: 50.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



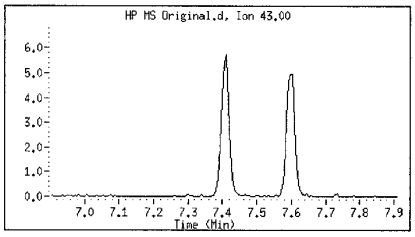
Original Final

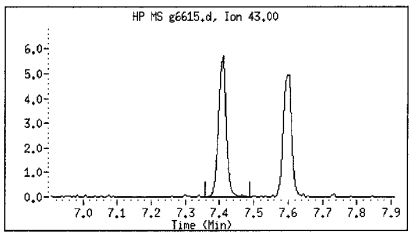
21 Hexane CAS#: 110-54-3





80 2-Hexanone CAS#: 591-78-6





188577

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393135

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393135

Level: (low/med) LOW Lab File ID: 2060721P/V4437

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2236

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	24.0	J	0.374	25.0
107-02-8	Acrolein	99.8		2.34	25.0
107-13-1	Acrylonitrile	85.1		0.712	25.0
75-27-4	Bromodichloromethane	20.8		0.135	5.00
75-25-2	Bromoform	19.7		0.169	5.00
74-83-9	Bromomethane	24.7		1.51	5.00
75-15-0	Carbon disulfide	21.9		0.109	5.00
56-23-5	Carbon tetrachloride	22.4		0.120	5.00
75-00-3	Chloroethane	23.2		0.606	5.00
136777-61-	m,p-Xylene	46.1		0.398	5.00
67-66-3	Chloroform	19.9		0.141	5.00
74-87-3	Chloromethane	22.4		0.464	5.00
124-48-1	Dibromochloromethane	20.9		0.090	5.00
74-95-3	Dibromomethane	20.2		0.156	5.00
75-71-8	Dichlorodifluoromethane	22.0		0.364	5.00
75-34-3	1,1-Dichloroethane	20.7		0.159	5.00
107-06-2	1,2-Dichloroethane	19.6		0.114	5.00
156-59-2	cis-1,2-Dichloroethene	19.7		0.126	5.00
156-60-5	trans-1,2-Dichloroethene	21.2		0.164	5.00
75-09-2	Methylene chloride	18.8		0.479	10.0
78-87-5	1,2-Dichloropropane	20.6		0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	20.3		0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	20.8		0.141	5.00
100-41-4	Ethylbenzene	24.3		0.207	5.00
591-78-6	2-Hexanone	17.0		0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	23.6		0.153	5.00
78-93-3	2-Butanone	13.3		0.312	5.00
74-88-4	Methyl iodide	23.3		0.906	5.00
108-10-1	4-Methyl-2-pentanone	17.4		0.173	5.00
103-65-1	n-Propylbenzene	24.4		0.140	5.00
100-42-5	Styrene	28.6		0.152	5.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393135

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393135

Level: (low/med) LOW Lab File ID: 2060721P/V4437

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2236

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	27.5		0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	21.7		0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	20.6		0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	22.9		0.327	5.00
71-55-6	1,1,1-Trichloroethane	21.6		0.123	5.00
79-00-5	1,1,2-Trichloroethane	20.7		0.114	5.00
75-69-4	Trichlorofluoromethane	23.3		0.252	5.00
96-18-4	1,2,3-Trichloropropane	20.0		0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	25.3		0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	24.9		0.163	5.00
75-01-4	Vinyl chloride	22.6		0.351	5.00
95-47-6	o-Xylene	22.9		0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	18.8		0.866	5.00
106-93-4	1,2-Dibromoethane	20.7		0.150	5.00
108-05-4	Vinyl acetate	17.6		0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	20.7		0.074	5.00
99-87-6	4-Isopropyltoluene	25.2		0.161	5.00
1330-20-7	Xylene (total)	69.0		0.572	10.0
108-87-2	Methylcyclohexane	21.2		0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	20.4		0.721	5.00
110-82-7	Cyclohexane	20.6		1.11	5.00
594-20-7	2,2-Dichloropropane	20.5		0.176	5.00
79-20-9	Methyl Acetate	16.8		1.53	5.00
76-13-1	Trichlorotrifluoroethane	22.1		0.188	5.00
563-58-6	1,1-Dichloropropene	21.3		0.130	5.00
110-75-8	2-Chloroethylvinyl ether	12.9		2.10	5.00
142-28-9	1,3-Dichloropropane	21.0		0.136	5.00
108-86-1	Bromobenzene	22.5		0.235	5.00
95-49-8	2-Chlorotoluene	23.2		0.150	5.00
106-43-4	4-Chlorotoluene	23.6		0.325	5.00
98-06-6	tert-Butylbenzene	25.4		0.252	5.00
135-98-8	sec-Butylbenzene	25.0		0.117	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393135

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393135

Level: (low/med) LOW Lab File ID: 2060721P/V4437

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/21/06 Time: 2236

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328554

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	23.6		0.236	5.00
106-46-7	1,4-Dichlorobenzene	24.0		0.421	5.00
104-51-8	n-Butylbenzene	25.4		0.178	5.00
95-50-1	1,2-Dichlorobenzene	23.4		0.114	5.00
87-68-3	Hexachlorobutadiene	23.6		1.25	5.00
91-20-3	Naphthalene	22.1		0.376	5.00
75-35-4	1,1-Dichloroethene	22.8		0.359	5.00
71-43-2	Benzene	21.3		0.104	5.00
79-01-6	Trichloroethene	22.9		0.177	5.00
108-88-3	Toluene	22.9		0.550	5.00
108-90-7	Chlorobenzene	22.1		0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060721p.s.b/v4437.d
Lab Smp Id: 393135 Client Smp ID: LCSD for HBN 328554
Inj Date : 21-JUL-2006 22:36
Operator : KCB Inst ID: msv4.i
Smp Info : 393135*LCSD for HBN 328554
Misc Info : MSV~8723~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 08:39 kcb Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 39 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.647	1.657	(0.259)	85020	21.9776	22.0	9377
2 Chloromethane ++	50	1.821	1.820	(0.286)	115105	22.4379	22.4	7071
3 Vinyl Chloride +	62	1.889	1.889	(0.297)	81323	22.5938	22.6	9078
5 Bromomethane	94	2.159	2.163	(0.339)	45528	24.7053	24.7	9084
7 Chloroethane	64	2.275	2.279	(0.357)	43013	23.1736	23.2	7426
8 Trichlorofluoromethane	101	2.401	2.406	(0.377)	85826	23.3335	23.3	8758
10 1,1-Dichloroethene +	96	2.877	2.881	(0.452)	41722	22.7950	22.8	8050
11 Carbon Disulfide	76	2.898	2.902	(0.455)	187663	21.8710	21.9	8334
12 1,1,2Trichlotrifluoroethane	101	2.919	2.913	(0.459)	56525	22.1286	22.1	8779
13 Methyl Iodide	142	3.014	3.013	(0.473)	59268	23.2586	23.3	7465
14 Acrolein	56	3.214	3.224	(0.505)	65766	99.8147	99.8	3270
15 Methylene Chloride	49	3.484	3.488	(0.547)	112783	18.8357	18.8	8652
17 Acetone	43	3.542	3.557	(0.556)	53991	23.9826	24.0	6241

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.679	3.678	(0.578)	78971	21.2353	21.2	7142
	19 Methyl Acetate	43	3.700	3.705	(0.581)	80483	16.8452	16.8	5766(H)
	20 Hexane	57	3.774	3.784	(0.593)	129165	20.3567	20.4	9051
	21 MTBE	73	3.816	3.810	(0.599)	192738	20.7144	20.7	6308
	26 1,1-Dichloroethane ++	63	4.444	4.449	(0.698)	101773	20.6938	20.7	8835
	27 Acrylonitrile	53	4.513	4.517	(0.709)	217643	85.1171	85.1	6852
	30 Vinyl Acetate	43	4.766	4.771	(0.749)	153524	17.5690	17.6	
	31 cis-1,2-Dichloroethene	61	5.067	5.072	(0.796)	80747	19.7021	19.7	7406
	33 2,2-Dichloropropane	77	5.178	5.182	(0.813)	68397	20.5287	20.5	6633
	35 Cyclohexane	56	5.278	5.272	(0.829)	89047	20.6290	20.6	6143
	37 Bromochloromethane	128	5.273	5.283	(0.828)	28306	20.5810	20.6	6834
	39 Chloroform +	83	5.368	5.378	(0.843)	96718	19.8856	19.9	9035
	42 Carbon Tetrachloride	117	5.495	5.499	(0.863)	55432	22.4177	22.4	8628
$	44 Dibromofluoromethane	111	5.563	5.568	(0.874)	163058	50.4770	50.5	5390
	45 1,1,1-Trichloroethane	97	5.574	5.573	(0.876)	72866	21.5915	21.6	9490
	46 2-Butanone	43	5.706	5.710	(0.896)	109782	13.2904	13.3	
	47 1,1-Dichloropropene	75	5.706	5.710	(0.896)	67284	21.2984	21.3	8318
	53 Benzene	78	5.954	5.958	(0.935)	197610	21.2992	21.3	8313
$	54 1,2-Dichloroethane-d4	67	6.091	6.096	(0.957)	105652	48.2035	48.2	9365
	55 1,2-Dichloroethane	62	6.160	6.164	(0.968)	98543	19.6038	19.6	8340
*	58 FLUOROBENZENE	96	6.366	6.370	(1.000)	469578	50.0000		9437
	59 Methyl cyclohexane	83	6.508	6.513	(1.022)	72066	21.2124	21.2	9007
	60 Trichloroethene	130	6.524	6.528	(1.025)	52613	22.9384	22.9	8707
	62 Dibromomethane	93	6.914	6.924	(1.086)	48853	20.1782	20.2	8620
	64 1,2-Dichloropropane +	63	7.004	7.014	(1.100)	64140	20.6235	20.6	8811
M	65 Total 1,2-Dichloroethene	61				159718	40.8630	40.9	0
	67 Bromodichloromethane	83	7.073	7.077	(1.111)	83025	20.8336	20.8	9046
	71 1-Bromo-2-chloroethane	144	7.506	7.505	(1.179)	9808	20.7370	20.7	8891
	72 2-Chloroethyl vinyl ether	63	7.595	7.595	(1.193)	21132	12.9356	12.9	2107(RH)
	74 cis-1,3-Dichloropropene	75	7.638	7.642	(1.200)	94436	20.3228	20.3	
M	75 1-3 Dichloropropene-Total	100				187448	39.8997	39.9	0
$	76 Toluene-d8	98	7.801	7.801	(0.854)	448185	61.1392	61.1	9316
	77 Toluene +	91	7.843	7.848	(0.859)	197062	22.9022	22.9	9074
	80 Tetrachloroethene	164	8.181	8.181	(0.896)	40005	27.5005	27.5	8651
	81 4-methyl-2-pentanone	43	8.181	8.186	(0.896)	169070	17.4070	17.4	
	82 trans-1,3-Dichloropropene	75	8.213	8.218	(0.899)	93012	20.8080	20.8	
	83 1,1,2-Trichloroethane	97	8.345	8.355	(0.914)	55224	20.6721	20.7	9009
	85 Dibromochloromethane	129	8.503	8.503	(0.931)	59451	20.9036	20.9	8613
	86 1,3-Dichloropropane	76	8.582	8.587	(0.940)	97072	21.0073	21.0	8748
	87 1,2-Dibromoethane(EDB)	107	8.709	8.708	(0.954)	63576	20.6935	20.7	8288
	88 2-Hexanone	43	8.894	8.898	(0.974)	132711	17.0490	17.0	7672
	89 1-Chlorohexane	91	9.126	9.125	(0.999)	67082	23.6425	23.6	5490
*	90 Chlorobenzene-d5	82	9.131	9.136	(1.000)	188432	50.0000		8048
	91 Chlorobenzene ++	112	9.152	9.152	(1.002)	131802	22.0689	22.1	8099
	92 Ethylbenzene +	91	9.168	9.168	(1.004)	247773	24.3424	24.3	7509
	93 1,1,1,2-Tetrachloroethane	133	9.205	9.205	(1.008)	44998	21.7213	21.7	7883
	95 p,m-Xylene	106	9.290	9.289	(1.017)	160626	46.1153	46.1	9324

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.654	9.659	(1.057)	78381	22.8800	22.9	
99 Styrene	104	9.701	9.701	(1.062)	169925	28.6221	28.6	8736
100 Bromoform ++	173	9.733	9.738	(1.066)	45320	19.7435	19.7	7853
101 Isopropylbenzene	105	9.918	9.917	(1.086)	188668	23.5991	23.6	9049
$ 103 Bromofluorobenzene	174	10.171	10.176	(1.114)	135228	53.9308	53.9	8863
104 Bromobenzene	77	10.261	10.266	(0.922)	104548	22.5294	22.5	6865
105 n-Propylbenzene	91	10.271	10.271	(0.923)	249021	24.4109	24.4	8128
106 1,1,2,2-Tetrachloroethane++	83	10.335	10.334	(0.928)	88524	20.6433	20.6	3591
107 2-Chlorotoluene	91	10.414	10.419	(0.935)	168443	23.1694	23.2	8623(H)
108 1,3,5-Trimethylbenzene	105	10.430	10.429	(0.937)	171199	24.8532	24.9	
109 1,2,3-Trichloropropane	75	10.456	10.461	(0.939)	100711	20.0282	20.0	3964
110 trans-1,4-Dichloro-2-Butene	53	10.483	10.487	(0.942)	21851	20.3581	20.4	8982
111 4-Chlorotoluene	91	10.557	10.556	(0.948)	151451	23.5802	23.6	8975
112 tert-butylbenzene	91	10.704	10.709	(0.962)	99306	25.3657	25.4	8830
114 1,2,4-Trimethylbenzene	105	10.768	10.767	(0.967)	174389	25.3395	25.3	
116 sec-Butylbenzene	105	10.857	10.862	(0.975)	221154	25.0301	25.0	
117 p-Isopropyltoluene	119	10.973	10.978	(0.986)	169805	25.1880	25.2	7055
120 1,3-Dichlorobenzene	146	11.063	11.068	(0.994)	88314	23.5809	23.6	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.131	(1.000)	137571	50.0000		8506
122 1,4-Dichlorobenzene	146	11.142	11.142	(1.001)	100569	24.0493	24.0	
123 n-Butylbenzene	91	11.354	11.353	(1.020)	167305	25.3696	25.4	9128
M 124 TOTAL XYLENE	106				239007	68.9953	69.0	0
125 1,2-Dichlorobenzene	146	11.533	11.532	(1.036)	88252	23.4353	23.4	
126 1,2-Dibromo-3-Chloropropane	157	12.356	12.366	(1.110)	17176	18.8273	18.8	5407
127 Hexachlorobutadiene	225	13.132	13.137	(1.180)	28893	23.6072	23.6	8786
128 1,2,4-Trichlorobenzene	180	13.190	13.190	(1.185)	52869	22.8744	22.9	
129 Napthalene	128	13.576	13.575	(1.220)	133770	22.1359	22.1	6316
130 1,2,3-Trichlorobenzene	180	13.776	13.776	(1.238)	55125	24.0027	24.0	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060721p.s.b/v4437.d

Page 1

Date : 21-JUL-2006 22:36

Client ID: LCSD for HBN 328554

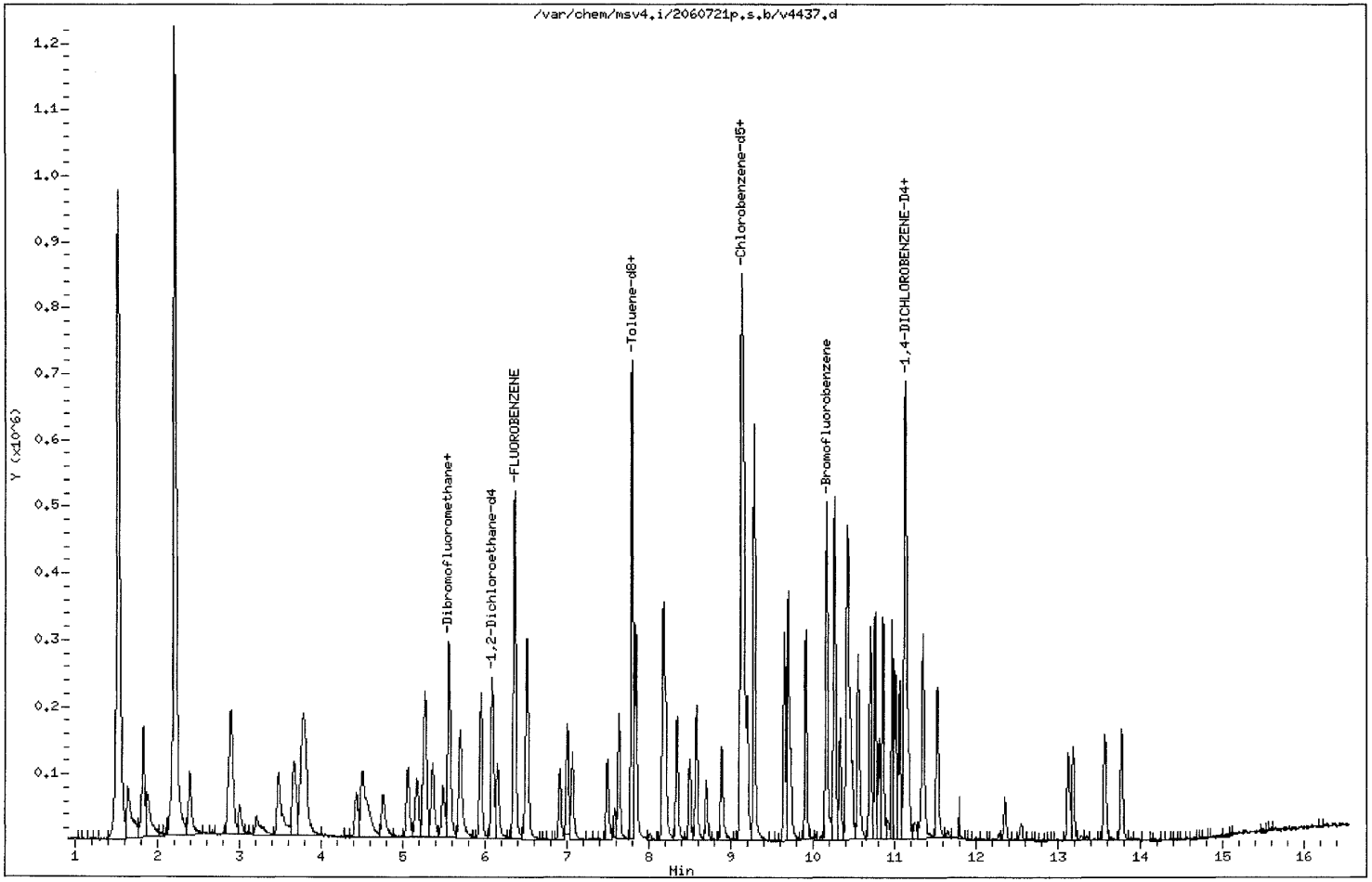
Instrument: msv4.i

Sample Info: 393135*LCSD for HBN 328554

Operator: KCB

Column phase: DB-624-30M

Column diameter: 0.53

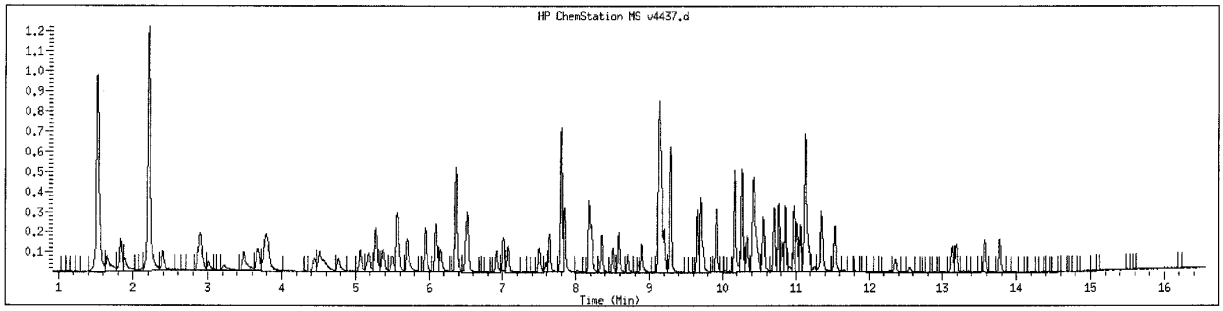


188584

Data file : /var/chem/msv4.i/2060721p.s.b/v4437.d Page: 1
Report Date: 07/22/2006 08:59

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 393135 SampleType : LCSD
Injection Date: 21-JUL-2006 22:36 Instrument : msv4.i
Operator : KCB
Sample Info : 393135*LCSD for HBN 328554
Misc Info : MSV~8723~*1*RSS
Method : /var/chem/msv4.i/2060721p.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



NO MANUAL INTEGRATIONS

188585

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393348

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393348

Level: (low/med) LOW Lab File ID: 2060722Q/V4475

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1540

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	29.7		0.374	25.0
107-02-8	Acrolein	96.0		2.34	25.0
107-13-1	Acrylonitrile	88.6		0.712	25.0
75-27-4	Bromodichloromethane	24.1		0.135	5.00
75-25-2	Bromoform	24.2		0.169	5.00
74-83-9	Bromomethane	17.4		1.51	5.00
75-15-0	Carbon disulfide	23.1		0.109	5.00
56-23-5	Carbon tetrachloride	25.5		0.120	5.00
75-00-3	Chloroethane	21.8		0.606	5.00
136777-61-	m,p-Xylene	52.7		0.398	5.00
67-66-3	Chloroform	21.5		0.141	5.00
74-87-3	Chloromethane	20.7		0.464	5.00
124-48-1	Dibromochloromethane	24.8		0.090	5.00
74-95-3	Dibromomethane	23.8		0.156	5.00
75-71-8	Dichlorodifluoromethane	23.2		0.364	5.00
75-34-3	1,1-Dichloroethane	22.5		0.159	5.00
107-06-2	1,2-Dichloroethane	22.5		0.114	5.00
156-59-2	cis-1,2-Dichloroethene	21.3		0.126	5.00
156-60-5	trans-1,2-Dichloroethene	23.0		0.164	5.00
75-09-2	Methylene chloride	18.4		0.479	10.0
78-87-5	1,2-Dichloropropane	23.9		0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	23.5		0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	23.0		0.141	5.00
100-41-4	Ethylbenzene	25.9		0.207	5.00
591-78-6	2-Hexanone	21.4		0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	27.4		0.153	5.00
78-93-3	2-Butanone	16.7		0.312	5.00
74-88-4	Methyl iodide	24.2		0.906	5.00
108-10-1	4-Methyl-2-pentanone	20.5		0.173	5.00
103-65-1	n-Propylbenzene	27.1		0.140	5.00
100-42-5	Styrene	26.4		0.152	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393348

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393348

Level: (low/med) LOW Lab File ID: 2060722Q/V4475

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1540

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	29.7		0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	26.1		0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	23.1		0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	25.8		0.327	5.00
71-55-6	1,1,1-Trichloroethane	24.7		0.123	5.00
79-00-5	1,1,2-Trichloroethane	23.7		0.114	5.00
75-69-4	Trichlorofluoromethane	21.5		0.252	5.00
96-18-4	1,2,3-Trichloropropane	22.2		0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	27.7		0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	27.7		0.163	5.00
75-01-4	Vinyl chloride	23.5		0.351	5.00
95-47-6	o-Xylene	26.6		0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	21.6		0.866	5.00
106-93-4	1,2-Dibromoethane	24.2		0.150	5.00
108-05-4	Vinyl acetate	18.1		0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	22.0		0.074	5.00
99-87-6	4-Isopropyltoluene	28.1		0.161	5.00
1330-20-7	Xylene (total)	79.2		0.572	10.0
108-87-2	Methylcyclohexane	26.3		0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	23.3		0.721	5.00
110-82-7	Cyclohexane	23.1		1.11	5.00
594-20-7	2,2-Dichloropropane	23.3		0.176	5.00
79-20-9	Methyl Acetate	18.7		1.53	5.00
76-13-1	Trichlorotrifluoroethane	24.9		0.188	5.00
563-58-6	1,1-Dichloropropene	24.9		0.130	5.00
110-75-8	2-Chloroethylvinyl ether	9.20		2.10	5.00
142-28-9	1,3-Dichloropropane	24.0		0.136	5.00
108-86-1	Bromobenzene	25.4		0.235	5.00
95-49-8	2-Chlorotoluene	22.8		0.150	5.00
106-43-4	4-Chlorotoluene	25.8		0.325	5.00
98-06-6	tert-Butylbenzene	28.0		0.252	5.00
135-98-8	sec-Butylbenzene	28.3		0.117	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393348

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393348

Level: (low/med) LOW Lab File ID: 2060722Q/V4475

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1540

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	26.8		0.236	5.00
106-46-7	1,4-Dichlorobenzene	26.6		0.421	5.00
104-51-8	n-Butylbenzene	28.3		0.178	5.00
95-50-1	1,2-Dichlorobenzene	26.7		0.114	5.00
87-68-3	Hexachlorobutadiene	27.6		1.25	5.00
91-20-3	Naphthalene	25.9		0.376	5.00
71-36-3	n-Butyl alcohol	25.0	U	1.00	25.0
75-35-4	1,1-Dichloroethene	22.7		0.359	5.00
71-43-2	Benzene	24.4		0.104	5.00
79-01-6	Trichloroethene	26.4		0.177	5.00
108-88-3	Toluene	26.4		0.550	5.00
108-90-7	Chlorobenzene	25.6		0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4475.d
Lab Smp Id: 393348 Client Smp ID: LCSD for HBN 328585
Inj Date : 22-JUL-2006 15:40
Operator : RSS Inst ID: msv4.i
Smp Info : 393348*LCSD for HBN 328585
Misc Info : MSV~8729~*1*ABD
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:50 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 4 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b+nbutyl-ol.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.653	1.652	(0.259)	104877	23.2347	23.2	8791
2 Chloromethane ++	50	1.828	1.826	(0.287)	123999	20.7158	20.7	6802
3 Vinyl Chloride +	62	1.891	1.895	(0.297)	98542	23.4635	23.5	8567
5 Bromomethane	94	2.171	2.169	(0.341)	37347	17.3686	17.4	9070
7 Chloroethane	64	2.282	2.285	(0.358)	47268	21.8252	21.8	7918
8 Trichlorofluoromethane	101	2.403	2.407	(0.377)	92206	21.4841	21.5	9009
10 1,1-Dichloroethene +	96	2.883	2.871	(0.452)	48446	22.6845	22.7	7801
11 Carbon Disulfide	76	2.910	2.903	(0.457)	231587	23.1313	23.1	8199
12 1,1,2Trichlotrifluoroethane	101	2.926	2.914	(0.459)	74144	24.8764	24.9	8927
13 Methyl Iodide	142	3.026	3.019	(0.475)	72003	24.2165	24.2	7291
14 Acrolein	56	3.232	3.225	(0.507)	73707	96.0418	96.0	3461
15 Methylene Chloride	49	3.490	3.494	(0.548)	129020	18.4337	18.4	8498
17 Acetone	43	3.554	3.552	(0.558)	76628	29.7316	29.7	5904

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.686	3.679	(0.578)	99953	23.0348	23.0	6968
	19 Methyl Acetate	43	3.707	3.705	(0.582)	104033	18.6612	18.7	5606
	20 Hexane	57	3.786	3.790	(0.594)	168638	22.7780	22.8	8797
	21 MTBE	73	3.823	3.821	(0.600)	239255	22.0375	22.0	6224
	26 1,1-Dichloroethane ++	63	4.456	4.450	(0.699)	128976	22.4757	22.5	9071
	27 Acrylonitrile	53	4.525	4.529	(0.710)	264370	88.6097	88.6	6789
	30 Vinyl Acetate	43	4.773	4.777	(0.749)	184806	18.1252	18.1	
	31 cis-1,2-Dichloroethene	61	5.074	5.078	(0.796)	101872	21.3029	21.3	7445
	33 2,2-Dichloropropane	77	5.195	5.189	(0.815)	90768	23.3483	23.3	6506
	35 Cyclohexane	56	5.280	5.284	(0.829)	116308	23.0922	23.1	6149
	37 Bromochloromethane	128	5.290	5.289	(0.830)	37283	23.2325	23.2	7082
	39 Chloroform +	83	5.380	5.384	(0.844)	122100	21.5151	21.5	8973
	42 Carbon Tetrachloride	117	5.512	5.510	(0.865)	73515	25.4802	25.5	8165
$	44 Dibromofluoromethane	111	5.570	5.569	(0.874)	196642	52.1704	52.2	5466
	45 1,1,1-Trichloroethane	97	5.581	5.584	(0.876)	97404	24.7361	24.7	9294
	46 2-Butanone	43	5.713	5.711	(0.896)	160689	16.6721	16.7	
	47 1,1-Dichloropropene	75	5.713	5.711	(0.896)	91845	24.9166	24.9	8245
	53 Benzene	78	5.961	5.959	(0.935)	263652	24.3547	24.4	8323
$	54 1,2-Dichloroethane-d4	67	6.103	6.102	(0.958)	123181	48.1661	48.2	9499
	55 1,2-Dichloroethane	62	6.166	6.165	(0.968)	132231	22.5447	22.5	8433
*	58 FLUOROBENZENE	96	6.372	6.371	(1.000)	547912	50.0000		9433
	59 Methyl cyclohexane	83	6.520	6.513	(1.023)	104161	26.2762	26.3	9119
	60 Trichloroethene	130	6.531	6.534	(1.025)	70726	26.4269	26.4	8884
	62 Dibromomethane	93	6.921	6.925	(1.086)	67201	23.7883	23.8	8758
	64 1,2-Dichloropropane +	63	7.016	7.015	(1.101)	86634	23.8737	23.9	8989
M	65 Total 1,2-Dichloroethene	61				201825	44.2536	44.3	0
	67 Bromodichloromethane	83	7.080	7.078	(1.111)	111904	24.0656	24.1	9068
	71 1-Bromo-2-chloroethane	144	7.507	7.511	(1.178)	13506	24.4731	24.5	8933
	72 2-Chloroethyl vinyl ether	63	7.602	7.590	(1.193)	15321	9.20351	9.20	2324(R)
	74 cis-1,3-Dichloropropene	75	7.644	7.648	(1.200)	127300	23.4785	23.5	
M	75 1-3 Dichloropropene-Total	100				250444	45.6874	45.7	0
$	76 Toluene-d8	98	7.808	7.807	(0.854)	527437	60.1909	60.2	9418
	77 Toluene +	91	7.856	7.849	(0.859)	272018	26.4466	26.4	9278
	80 Tetrachloroethene	164	8.188	8.181	(0.895)	51654	29.7049	29.7	8940
	81 4-methyl-2-pentanone	43	8.188	8.187	(0.895)	238252	20.5206	20.5	
	82 trans-1,3-Dichloropropene	75	8.220	8.218	(0.899)	123144	23.0464	23.0	
	83 1,1,2-Trichloroethane	97	8.357	8.355	(0.914)	75721	23.7121	23.7	9081
	85 Dibromochloromethane	129	8.510	8.509	(0.931)	84290	24.7933	24.8	8774
	86 1,3-Dichloropropane	76	8.594	8.593	(0.940)	132761	24.0350	24.0	8833
	87 1,2-Dibromoethane(EDB)	107	8.716	8.714	(0.953)	89052	24.2484	24.2	8260
	88 2-Hexanone	43	8.901	8.899	(0.973)	200472	21.4099	21.4	7910
	89 1-Chlorohexane	91	9.133	9.131	(0.999)	109275	32.2185	32.2	6054
*	90 Chlorobenzene-d5	82	9.143	9.148	(1.000)	225246	50.0000		8449
	91 Chlorobenzene ++	112	9.159	9.158	(1.002)	182897	25.6191	25.6	8178
	92 Ethylbenzene +	91	9.175	9.174	(1.003)	314650	25.8604	25.9	7487
	93 1,1,1,2-Tetrachloroethane	133	9.212	9.211	(1.008)	64540	26.0627	26.1	7838
	95 p,m-Xylene	106	9.296	9.295	(1.017)	219260	52.6606	52.7	9349(H)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.666	9.665	(1.057)	108871	26.5861	26.6	
99 Styrene	104	9.708	9.707	(1.062)	187155	26.3720	26.4	8730
100 Bromoform ++	173	9.740	9.738	(1.065)	66369	24.1878	24.2	8176
101 Isopropylbenzene	105	9.925	9.923	(1.085)	261761	27.3905	27.4	9255
$ 103 Bromofluorobenzene	174	10.178	10.177	(1.113)	170406	56.8529	56.9	9000
104 Bromobenzene	77	10.268	10.272	(0.922)	145146	25.3944	25.4	6960
105 n-Propylbenzene	91	10.278	10.277	(0.923)	341000	27.1395	27.1	8140
106 1,1,2,2-Tetrachloroethane++	83	10.342	10.340	(0.928)	122096	23.1162	23.1	3352
107 2-Chlorotoluene	91	10.563	10.419	(0.948)	204365	22.8226	22.8	8989
108 1,3,5-Trimethylbenzene	105	10.437	10.435	(0.937)	235298	27.7330	27.7	
109 1,2,3-Trichloropropane	75	10.463	10.467	(0.939)	137796	22.2485	22.2	3930(H)
110 trans-1,4-Dichloro-2-Butene	53	10.495	10.493	(0.942)	30774	23.2782	23.3	9028
111 4-Chlorotoluene	91	10.563	10.562	(0.948)	204365	25.8334	25.8	9163
112 tert-butylbenzene	91	10.716	10.715	(0.962)	135071	28.0112	28.0	9059
114 1,2,4-Trimethylbenzene	105	10.774	10.773	(0.967)	234688	27.6864	27.7	
116 sec-Butylbenzene	105	10.864	10.868	(0.975)	307710	28.2753	28.3	
117 p-Isopropyltoluene	119	10.980	10.984	(0.986)	233721	28.1474	28.1	7054
120 1,3-Dichlorobenzene	146	11.070	11.074	(0.994)	123661	26.8079	26.8	
* 121 1,4-DICHLOROBENZENE-D4	152	11.139	11.138	(1.000)	169445	50.0000		8427
122 1,4-Dichlorobenzene	146	11.149	11.148	(1.001)	137057	26.6096	26.6	
123 n-Butylbenzene	91	11.360	11.359	(1.020)	229800	28.2913	28.3	9224
M 124 TOTAL XYLENE	106				328131	79.2467	79.2	0
125 1,2-Dichlorobenzene	146	11.540	11.538	(1.036)	123737	26.6774	26.7	
126 1,2-Dibromo-3-Chloropropane	157	12.368	12.367	(1.110)	24399	21.5604	21.6	5468
127 Hexachlorobutadiene	225	13.139	13.143	(1.180)	41659	27.6349	27.6	8676
128 1,2,4-Trichlorobenzene	180	13.197	13.201	(1.185)	74115	25.8212	25.8	
129 Napthalene	128	13.583	13.581	(1.219)	197616	25.8659	25.9	6232
130 1,2,3-Trichlorobenzene	180	13.788	13.787	(1.238)	80253	28.3708	28.4	

QC Flag Legend

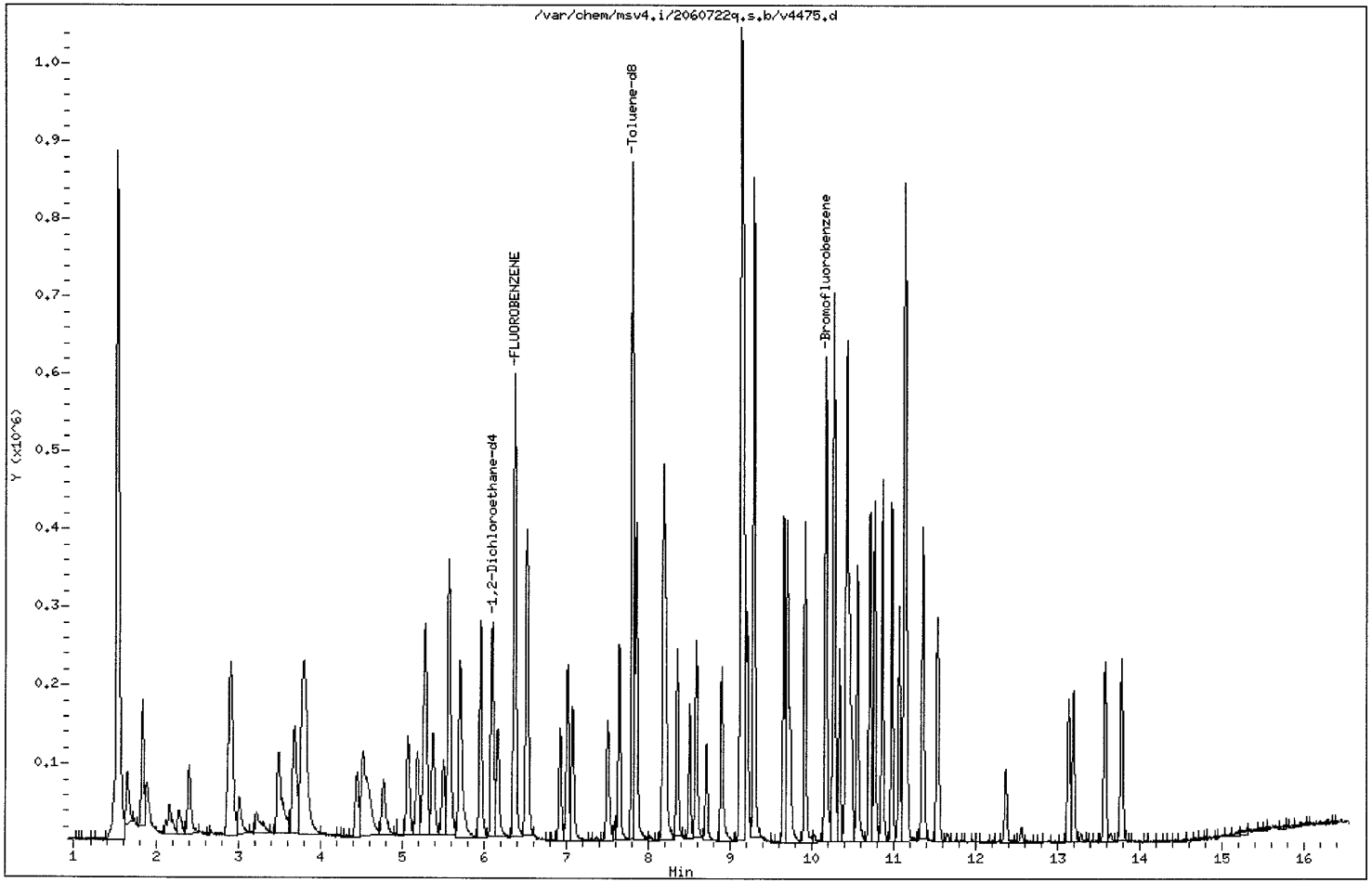
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060722q.s.b/v4475.d
Date : 22-JUL-2006 15:40
Client ID: LCSD for HBN 328585
Sample Info: 393348*LCSD for HBN 328585

Column phase: DB-624-30M

Instrument: msv4.i

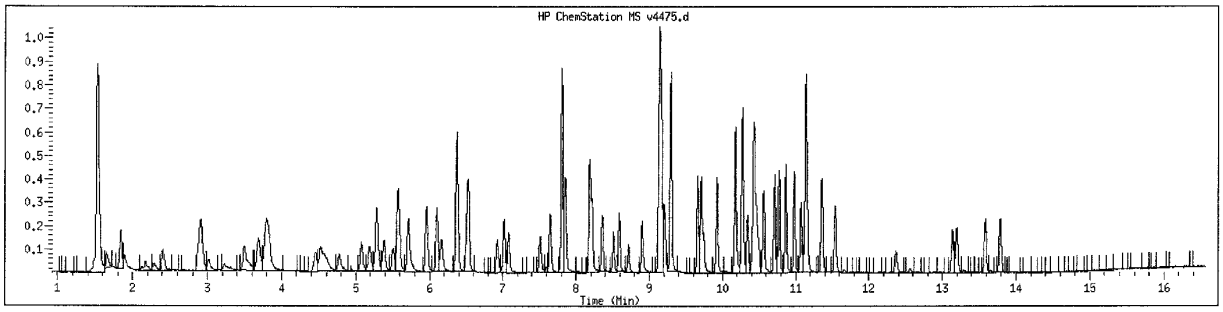
Operator: RSS
Column diameter: 0.53



Data file : /var/chem/msv4.i/2060722q.s.b/v4475.d Page: 1
Report Date: 07/22/2006 16:50

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 393348 SampleType : LCSD
Injection Date: 22-JUL-2006 15:40 Instrument : msv4.i
Operator : RSS
Sample Info : 393348*LCSD for HBN 328585
Misc Info : MSV~8729~*1*ABD
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b+nbutyl-ol



NO MANUAL INTEGRATIONS

188593

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393395

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393395

Level: (low/med) LOW Lab File ID: 2060723/V4511

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0842

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	29.1		0.374	25.0
107-02-8	Acrolein	142		2.34	25.0
107-13-1	Acrylonitrile	140		0.712	25.0
75-27-4	Bromodichloromethane	25.1		0.135	5.00
75-25-2	Bromoform	26.4		0.169	5.00
74-83-9	Bromomethane	21.8		1.51	5.00
75-15-0	Carbon disulfide	26.4		0.109	5.00
56-23-5	Carbon tetrachloride	28.3		0.120	5.00
75-00-3	Chloroethane	28.1		0.606	5.00
136777-61-	m,p-Xylene	54.5		0.398	5.00
67-66-3	Chloroform	23.9		0.141	5.00
74-87-3	Chloromethane	22.4		0.464	5.00
124-48-1	Dibromochloromethane	25.4		0.090	5.00
74-95-3	Dibromomethane	25.3		0.156	5.00
75-71-8	Dichlorodifluoromethane	27.4		0.364	5.00
75-34-3	1,1-Dichloroethane	25.8		0.159	5.00
107-06-2	1,2-Dichloroethane	24.7		0.114	5.00
156-59-2	cis-1,2-Dichloroethene	25.1		0.126	5.00
156-60-5	trans-1,2-Dichloroethene	25.8		0.164	5.00
75-09-2	Methylene chloride	21.3		0.479	10.0
78-87-5	1,2-Dichloropropane	24.4		0.112	5.00
10061-01-5	cis-1,3-Dichloropropene	25.0		0.115	5.00
10061-02-6	trans-1,3-Dichloropropene	25.6		0.141	5.00
100-41-4	Ethylbenzene	27.7		0.207	5.00
591-78-6	2-Hexanone	27.5		0.826	5.00
98-82-8	Isopropylbenzene (Cumene)	28.4		0.153	5.00
78-93-3	2-Butanone	24.5		0.312	5.00
74-88-4	Methyl iodide	24.4		0.906	5.00
108-10-1	4-Methyl-2-pentanone	26.5		0.173	5.00
103-65-1	n-Propylbenzene	29.1		0.140	5.00
100-42-5	Styrene	32.7		0.152	5.00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393395

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393395

Level: (low/med) LOW Lab File ID: 2060723/V4511

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0842

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: *ug/kg* Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	31.1		0.192	5.00
630-20-6	1,1,1,2-Tetrachloroethane	25.2		0.176	5.00
79-34-5	1,1,2,2-Tetrachloroethane	26.0		0.180	5.00
120-82-1	1,2,4-Trichlorobenzene	27.7		0.327	5.00
71-55-6	1,1,1-Trichloroethane	27.6		0.123	5.00
79-00-5	1,1,2-Trichloroethane	24.9		0.114	5.00
75-69-4	Trichlorofluoromethane	29.2		0.252	5.00
96-18-4	1,2,3-Trichloropropane	25.5		0.245	2.00
95-63-6	1,2,4-Trimethylbenzene	28.5		0.198	5.00
108-67-8	1,3,5-Trimethylbenzene	29.0		0.163	5.00
75-01-4	Vinyl chloride	24.9		0.351	5.00
95-47-6	o-Xylene	26.9		0.174	5.00
96-12-8	1,2-Dibromo-3-chloropropane	29.4		0.866	5.00
106-93-4	1,2-Dibromoethane	25.6		0.150	5.00
108-05-4	Vinyl acetate	21.9		0.979	5.00
1634-04-4	tert-Butyl methyl ether (MTBE)	24.9		0.074	5.00
99-87-6	4-Isopropyltoluene	29.9		0.161	5.00
1330-20-7	Xylene (total)	81.4		0.572	10.0
108-87-2	Methylcyclohexane	27.1		0.370	5.00
110-57-6	trans-1,4-Dichloro-2-butene	29.0		0.721	5.00
110-82-7	Cyclohexane	26.7		1.11	5.00
594-20-7	2,2-Dichloropropane	24.1		0.176	5.00
79-20-9	Methyl Acetate	29.8		1.53	5.00
76-13-1	Trichlorotrifluoroethane	27.9		0.188	5.00
563-58-6	1,1-Dichloropropene	27.1		0.130	5.00
110-75-8	2-Chloroethylvinyl ether	14.0		2.10	5.00
142-28-9	1,3-Dichloropropane	25.6		0.136	5.00
108-86-1	Bromobenzene	27.0		0.235	5.00
95-49-8	2-Chlorotoluene	28.0		0.150	5.00
106-43-4	4-Chlorotoluene	28.0		0.325	5.00
98-06-6	tert-Butylbenzene	29.9		0.252	5.00
135-98-8	sec-Butylbenzene	29.8		0.117	5.00

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD393395

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 393395

Level: (low/med) LOW Lab File ID: 2060723/V4511

% Moisture: not dec. Date Collected: Time:

GC Column: DB-624-30M ID: .53 (mm) Date Received:

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 0842

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	27.7		0.236	5.00
106-46-7	1,4-Dichlorobenzene	27.9		0.421	5.00
104-51-8	n-Butylbenzene	30.4		0.178	5.00
95-50-1	1,2-Dichlorobenzene	28.6		0.114	5.00
87-68-3	Hexachlorobutadiene	27.8		1.25	5.00
91-20-3	Naphthalene	30.0		0.376	5.00
75-35-4	1,1-Dichloroethene	27.9		0.359	5.00
71-43-2	Benzene	25.8		0.104	5.00
79-01-6	Trichloroethene	27.8		0.177	5.00
108-88-3	Toluene	27.4		0.550	5.00
108-90-7	Chlorobenzene	25.8		0.165	5.00

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4511.d
Lab Smp Id: 393395 Client Smp ID: LCSD for HBN 328605
Inj Date : 23-JUL-2006 08:42
Operator : RSS Inst ID: msv4.i
Smp Info : 393395*LCSD for HBN 328605
Misc Info : MSV~8738~*1*KCB
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 23-Jul-2006 14:09 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 5 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.00000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.652	1.656	(0.259)	93186	27.3979	27.4	8664
2 Chloromethane ++	50	1.821	1.825	(0.286)	101190	22.4353	22.4	7668
3 Vinyl Chloride +	62	1.889	1.894	(0.297)	78767	24.8901	24.9	8497
5 Bromomethane	94	2.164	2.168	(0.340)	35260	21.7621	21.8	8932
7 Chloroethane	64	2.275	2.279	(0.357)	45802	28.0663	28.1	8296
8 Trichlorofluoromethane	101	2.407	2.406	(0.378)	94492	29.2188	29.2	8948
10 1,1-Dichloroethene +	96	2.877	2.881	(0.452)	44899	27.9009	27.9	7423
11 Carbon Disulfide	76	2.903	2.913	(0.456)	199046	26.3846	26.4	8234
12 1,1,2Trichlotrifluoroethane	101	2.919	2.928	(0.458)	62564	27.8577	27.9	8845
13 Methyl Iodide	142	3.019	3.023	(0.474)	54657	24.3959	24.4	7528
14 Acrolein	56	3.230	3.240	(0.507)	83556	142.340	142	3291
15 Methylene Chloride	49	3.494	3.504	(0.548)	110865	21.2921	21.3	8683
17 Acetone	43	3.552	3.588	(0.558)	56639	29.1152	29.1	5948(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.679	3.683	(0.577)	84438	25.8248	25.8	6942
	19 Methyl Acetate	43	3.700	3.710	(0.581)	125185	29.8010	29.8	6548
	20 Hexane	57	3.779	3.789	(0.593)	134151	24.0471	24.0	8605
	21 MTBE	73	3.821	3.826	(0.600)	203958	24.9317	24.9	6399
	26 1,1-Dichloroethane ++	63	4.449	4.459	(0.698)	111349	25.7514	25.8	8868
	27 Acrylonitrile	53	4.534	4.538	(0.712)	315786	140.466	140	6592
	30 Vinyl Acetate	43	4.777	4.786	(0.750)	168526	21.9354	21.9	
	31 cis-1,2-Dichloroethene	61	5.072	5.077	(0.796)	90612	25.1466	25.1	7444
	33 2,2-Dichloropropane	77	5.188	5.193	(0.814)	70714	24.1400	24.1	6493
	35 Cyclohexane	56	5.278	5.282	(0.828)	101355	26.7062	26.7	6134
	37 Bromochloromethane	128	5.294	5.298	(0.831)	29274	24.2090	24.2	7403
	39 Chloroform +	83	5.384	5.388	(0.845)	102280	23.9182	23.9	8978
	42 Carbon Tetrachloride	117	5.505	5.515	(0.864)	61604	28.3365	28.3	8197
$	44 Dibromofluoromethane	111	5.569	5.578	(0.874)	148429	52.2609	52.3	5541
	45 1,1,1-Trichloroethane	97	5.579	5.589	(0.876)	82011	27.6399	27.6	9489
	46 2-Butanone	43	5.716	5.731	(0.897)	177801	24.4821	24.5	
	47 1,1-Dichloropropene	75	5.711	5.721	(0.896)	75183	27.0684	27.1	8378
	53 Benzene	78	5.959	5.969	(0.935)	210600	25.8178	25.8	8262
$	54 1,2-Dichloroethane-d4	67	6.096	6.106	(0.957)	97769	50.7352	50.7	9413
	55 1,2-Dichloroethane	62	6.165	6.175	(0.968)	109222	24.7133	24.7	8236
*	58 FLUOROBENZENE	96	6.371	6.380	(1.000)	412858	50.0000		9323
	59 Methyl cyclohexane	83	6.513	6.523	(1.022)	80968	27.1069	27.1	9136
	60 Trichloroethene	130	6.529	6.539	(1.025)	56083	27.8105	27.8	8768
	62 Dibromomethane	93	6.920	6.935	(1.086)	53941	25.3406	25.3	8659
	64 1,2-Dichloropropane +	63	7.015	7.024	(1.101)	66696	24.3916	24.4	8961
M	65 Total 1,2-Dichloroethene	61				175050	50.9384	50.9	0
	67 Bromodichloromethane	83	7.078	7.088	(1.111)	88029	25.1239	25.1	9060
	71 1-Bromo-2-chloroethane	144	7.506	7.515	(1.178)	11015	26.4884	26.5	8915
	72 2-Chloroethyl vinyl ether	63	7.601	7.605	(1.193)	20602	14.0036	14.0	2530(R)
	74 cis-1,3-Dichloropropene	75	7.648	7.652	(1.200)	102185	25.0115	25.0	
M	75 1-3 Dichloropropene-Total	100				205072	49.6481	49.6	0
$	76 Toluene-d8	98	7.806	7.811	(0.854)	402749	61.1798	61.2	9208
	77 Toluene +	91	7.849	7.858	(0.859)	211685	27.3953	27.4	9054
	80 Tetrachloroethene	164	8.181	8.191	(0.895)	40642	31.1109	31.1	8703
	81 4-methyl-2-pentanone	43	8.187	8.196	(0.895)	231406	26.5303	26.5	
	82 trans-1,3-Dichloropropene	75	8.218	8.223	(0.899)	102887	25.6309	25.6	
	83 1,1,2-Trichloroethane	97	8.355	8.360	(0.914)	59736	24.9002	24.9	8941
	85 Dibromochloromethane	129	8.509	8.513	(0.931)	64889	25.4064	25.4	8335
	86 1,3-Dichloropropane	76	8.593	8.597	(0.940)	106217	25.5965	25.6	8707
	87 1,2-Dibromoethane(EDB)	107	8.714	8.719	(0.953)	70607	25.5917	25.6	8199
	88 2-Hexanone	43	8.904	8.909	(0.974)	195057	27.5265	27.5	7723
	89 1-Chlorohexane	91	9.131	9.136	(0.999)	82668	32.4440	32.4	6202
*	90 Chlorobenzene-d5	82	9.142	9.146	(1.000)	169217	50.0000		8205
	91 Chlorobenzene ++	112	9.158	9.162	(1.002)	138553	25.8336	25.8	8167
	92 Ethylbenzene +	91	9.174	9.178	(1.003)	253186	27.6988	27.7	7351
	93 1,1,1,2-Tetrachloroethane	133	9.211	9.215	(1.008)	46925	25.2236	25.2	7822
	95 p,m-Xylene	106	9.295	9.299	(1.017)	170444	54.4906	54.5	9366(H)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.664	9.669	(1.057)	82722	26.8891	26.9	
99 Styrene	104	9.707	9.711	(1.062)	174388	32.7093	32.7	8767(R)
100 Bromoform ++	173	9.738	9.743	(1.065)	54392	26.3863	26.4	8074
101 Isopropylbenzene	105	9.923	9.927	(1.085)	204027	28.4181	28.4	9094
$ 103 Bromofluorobenzene	174	10.176	10.181	(1.113)	124137	55.1293	55.1	8771
104 Bromobenzene	77	10.266	10.276	(0.922)	112830	27.0172	27.0	6866
105 n-Propylbenzene	91	10.277	10.281	(0.923)	267149	29.0994	29.1	8086
106 1,1,2,2-Tetrachloroethane++	83	10.340	10.344	(0.929)	100402	26.0161	26.0	3323
107 2-Chlorotoluene	91	10.419	10.566	(0.936)	183394	28.0303	28.0	8817(H)
108 1,3,5-Trimethylbenzene	105	10.435	10.439	(0.937)	180002	29.0362	29.0	
109 1,2,3-Trichloropropane	75	10.467	10.466	(0.940)	115232	25.4636	25.5	3750(H)
110 trans-1,4-Dichloro-2-Butene	53	10.488	10.492	(0.942)	27995	28.9820	29.0	9178
111 4-Chlorotoluene	91	10.562	10.566	(0.949)	161849	28.0006	28.0	9026
112 tert-butylbenzene	91	10.715	10.719	(0.963)	105398	29.9148	29.9	9099
114 1,2,4-Trimethylbenzene	105	10.773	10.777	(0.968)	176405	28.4820	28.5	
116 sec-Butylbenzene	105	10.863	10.867	(0.976)	236717	29.7700	29.8	
117 p-Isopropyltoluene	119	10.979	10.983	(0.986)	181518	29.9188	29.9	7063
120 1,3-Dichlorobenzene	146	11.069	11.073	(0.994)	93465	27.7308	27.7	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.136	(1.000)	123807	50.0000		8676
122 1,4-Dichlorobenzene	146	11.148	11.152	(1.001)	104936	27.8834	27.9	
123 n-Butylbenzene	91	11.359	11.363	(1.020)	180567	30.4246	30.4	9130
M 124 TOTAL XYLENE	106				253166	81.3797	81.4	0
125 1,2-Dichlorobenzene	146	11.538	11.543	(1.036)	96932	28.6019	28.6	
126 1,2-Dibromo-3-Chloropropane	157	12.367	12.371	(1.111)	24740	29.4484	29.4	5421
127 Hexachlorobutadiene	225	13.143	13.142	(1.181)	30664	27.8395	27.8	8781
128 1,2,4-Trichlorobenzene	180	13.196	13.200	(1.185)	58319	27.6888	27.7	
129 Napthalene	128	13.581	13.585	(1.220)	171293	30.0239	30.0	6269
130 1,2,3-Trichlorobenzene	180	13.782	13.786	(1.238)	61214	29.6172	29.6	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060723.s.b/v4511.d

Date : 23-JUL-2006 08:42

Client ID: LCSD for HBN 328605

Sample Info: 393395*LCSD for HBN 328605

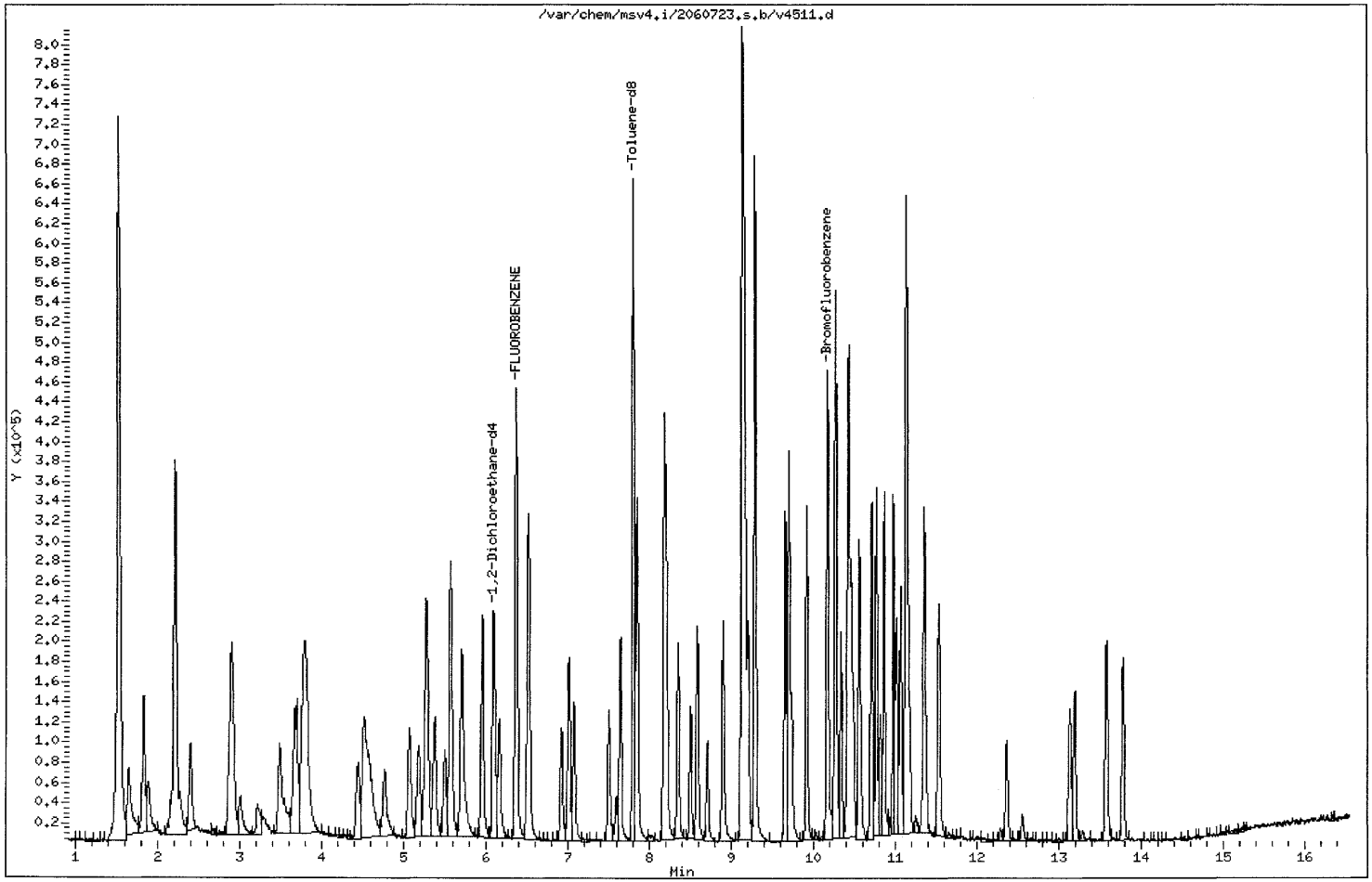
Column phase: DB-624-30M

Page 1

Instrument: msv4.i

Operator: RSS

Column diameter: 0.53



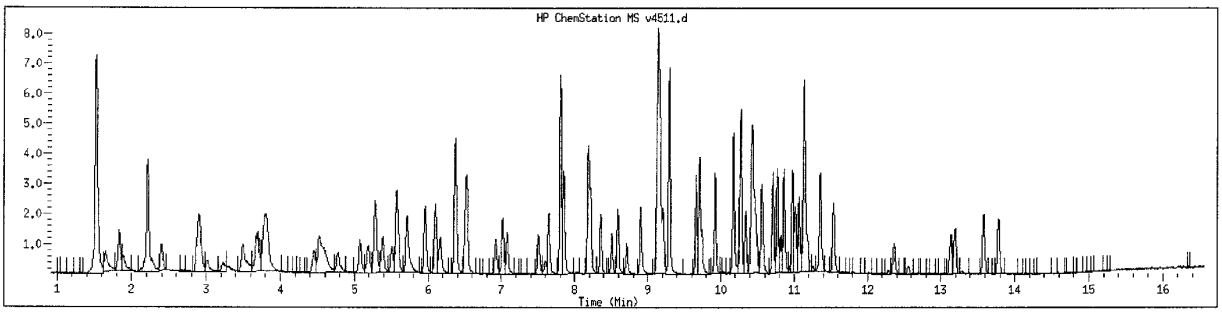
000628

188600

Data file : /var/chem/msv4.i/2060723.s.b/v4511.d Page: 1
Report Date: 07/24/2006 15:41

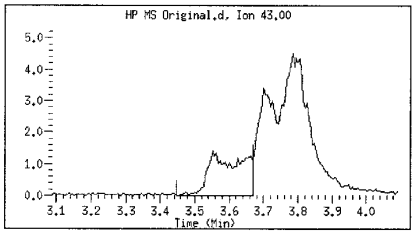
MANUAL INTEGRATION GRAPHIC REPORT

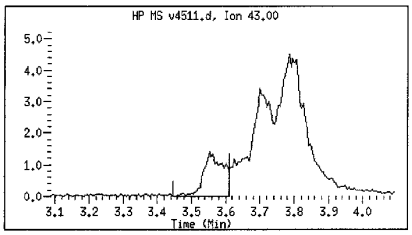
Lab ID : 393395 SampleType : LCSD
Injection Date: 23-JUL-2006 08:42 Instrument : msv4.i
Operator : RSS
Sample Info : 393395*LCSD for HBN 328605
Misc Info : MSV~8738~*1*KCB
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



Original Final

17 Acetone CAS#: 67-64-1





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCSD395129

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395129

Level: (low/med) LOW Lab File ID: 2060727P/G6616

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2302

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	1540		18.7	1250
107-02-8	Acrolein	5140		117	1250
107-13-1	Acrylonitrile	5970		35.6	1250
75-27-4	Bromodichloromethane	1210		6.75	250
75-25-2	Bromoform	1150		8.45	250
74-83-9	Bromomethane	1380		75.3	250
75-15-0	Carbon disulfide	1300		5.45	250
56-23-5	Carbon tetrachloride	1350		6.00	250
75-00-3	Chloroethane	3320		30.3	250
136777-61-	m,p-Xylene	2560		19.9	250
67-66-3	Chloroform	1270		7.05	250
74-87-3	Chloromethane	1110		23.2	250
124-48-1	Dibromochloromethane	1150		4.50	250
74-95-3	Dibromomethane	1170		7.80	250
75-71-8	Dichlorodifluoromethane	1160		18.2	250
75-34-3	1,1-Dichloroethane	1340		7.95	250
107-06-2	1,2-Dichloroethane	1340		5.70	250
156-59-2	cis-1,2-Dichloroethene	1310		6.30	250
156-60-5	trans-1,2-Dichloroethene	1340		8.20	250
75-09-2	Methylene chloride	1320		24.0	500
78-87-5	1,2-Dichloropropane	1320		5.60	250
10061-01-5	cis-1,3-Dichloropropene	1270		5.75	250
10061-02-6	trans-1,3-Dichloropropene	1230		7.05	250
100-41-4	Ethylbenzene	1280		10.4	250
591-78-6	2-Hexanone	1060		41.3	250
98-82-8	Isopropylbenzene (Cumene)	1250		7.65	250
78-93-3	2-Butanone	1130		15.6	250
74-88-4	Methyl iodide	1650		45.3	250
108-10-1	4-Methyl-2-pentanone	1100		8.65	250
103-65-1	n-Propylbenzene	1280		7.00	250
100-42-5	Styrene	1270		7.60	250

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD395129

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395129

Level: (low/med) LOW Lab File ID: 2060727P/G6616

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2302

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1200		9.60	250
630-20-6	1,1,1,2-Tetrachloroethane	1260		8.80	250
79-34-5	1,1,2,2-Tetrachloroethane	1080		9.00	250
120-82-1	1,2,4-Trichlorobenzene	1330		16.4	250
71-55-6	1,1,1-Trichloroethane	1330		6.15	250
79-00-5	1,1,2-Trichloroethane	1230		5.70	250
75-69-4	Trichlorofluoromethane	1490		12.6	250
96-18-4	1,2,3-Trichloropropane	1110		12.3	100
95-63-6	1,2,4-Trimethylbenzene	1330		9.90	250
108-67-8	1,3,5-Trimethylbenzene	1310		8.15	250
75-01-4	Vinyl chloride	1290		17.6	250
95-47-6	o-Xylene	1320		8.70	250
96-12-8	1,2-Dibromo-3-chloropropane	944		43.3	250
106-93-4	1,2-Dibromoethane	1150		7.50	250
108-05-4	Vinyl acetate	1230		49.0	250
1634-04-4	tert-Butyl methyl ether (MTBE)	1140		3.70	250
99-87-6	4-Isopropyltoluene	1230		8.05	250
1330-20-7	Xylene (total)	3870		28.6	500
108-87-2	Methylcyclohexane	1260		18.5	250
110-57-6	trans-1,4-Dichloro-2-butene	1010		36.1	250
110-82-7	Cyclohexane	1220		55.3	250
594-20-7	2,2-Dichloropropane	1210		8.80	250
79-20-9	Methyl Acetate	1180		76.5	250
76-13-1	Trichlorotrifluoroethane	1270		9.40	250
563-58-6	1,1-Dichloropropene	1220		6.50	250
110-75-8	2-Chloroethylvinyl ether	1570		105	250
142-28-9	1,3-Dichloropropane	1220		6.80	250
108-86-1	Bromobenzene	1280		11.8	250
95-49-8	2-Chlorotoluene	1310		7.50	250
106-43-4	4-Chlorotoluene	1270		16.3	250
98-06-6	tert-Butylbenzene	1220		12.6	250
135-98-8	sec-Butylbenzene	1280		5.85	250

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
LCSD395129

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5 (g/ml) g Lab Sample ID: 395129

Level: (low/med) LOW Lab File ID: 2060727P/G6616

% Moisture: not dec. Date Collected: Time:

GC Column: DB-VRX-30 ID: .53 (mm) Date Received:

Instrument ID: MSV5 Date Analyzed: 07/27/06 Time: 2302

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	1250		11.8	250
106-46-7	1,4-Dichlorobenzene	1280		21.1	250
104-51-8	n-Butylbenzene	1290		8.90	250
95-50-1	1,2-Dichlorobenzene	1270		5.70	250
87-68-3	Hexachlorobutadiene	1210		62.3	250
91-20-3	Naphthalene	1480		18.8	250
75-35-4	1,1-Dichloroethene	1370		18.0	250
71-43-2	Benzene	1250		5.20	250
79-01-6	Trichloroethene	1270		8.85	250
108-88-3	Toluene	1150		27.5	250
108-90-7	Chlorobenzene	1270		8.25	250

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6616.d
Lab Smp Id: 395129 Client Smp ID: LCSD FOR HBN 328954
Inj Date : 27-JUL-2006 23:02
Operator : RSS Inst ID: msv5.i
Smp Info : 395129*LCSD FOR HBN 328954
Misc Info : MSV~8768~*50*ABD
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 17-Aug-2006 07:36 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 9 QC Sample: LCSD
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
1 Dichlorodifluoromethane	85	1.413	1.413	(0.260)	111167	23.2369	1160	
2 Chloromethane ++	50	1.577	1.571	(0.290)	138970	22.2919	1110	
3 Vinyl Chloride +	62	1.641	1.641	(0.302)	106512	25.7675	1290	
5 Bromomethane	94	1.910	1.910	(0.351)	63352	27.6630	1380	
6 1-3 Dichloropropene-Total	100				306579	50.3700	2520	0
8 Chloroethane	64	2.010	2.004	(0.369)	26816	66.3338	3320	(R)
9 Trichlorofluoromethane	101	2.138	2.145	(0.393)	99809	29.7734	1490	
11 1,1-Dichloroethene +	96	2.624	2.619	(0.482)	48088	27.3248	1370	
12 Carbon Disulfide	76	2.642	2.642	(0.485)	230158	26.0786	1300	
13 1,1,2Trichlotrifluoroethane	101	2.671	2.671	(0.491)	64303	25.4195	1270	
14 Methyl Iodide	142	2.765	2.760	(0.508)	127188	32.9812	1650	
15 Acrolein	56	2.975	2.970	(0.547)	35912	102.705	5140	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	17 Methylene Chloride	49	3.227	3.228	(0.593)	97749	26.4629	1320	
	18 Acetone	43	3.297	3.292	(0.606)	29322	30.8422	1540	
	19 trans-1,2-Dichloroethene	61	3.397	3.397	(0.624)	82928	26.7868	1340	
	20 Methyl Acetate	43	3.426	3.421	(0.630)	58933	23.5957	1180	9204
	21 Hexane	57	3.485	3.480	(0.640)	128493	24.9533	1250	0(M)
	22 MTBE	73	3.520	3.521	(0.647)	161656	22.8336	1140	6963
	27 1,1-Dichloroethane ++	63	3.982	3.983	(0.732)	143537	26.8888	1340	
	29 Acrylonitrile	53	4.029	4.030	(0.740)	188582	119.495	5970	
	30 Vinyl Acetate	43	4.216	4.211	(0.775)	192815	24.5947	1230	
	31 cis-1,2-Dichloroethene	61	4.444	4.451	(0.817)	122281	26.1313	1310	
	32 2,2-Dichloropropane	77	4.532	4.539	(0.833)	101145	24.2160	1210	
	33 Bromochloromethane	128	4.608	4.616	(0.847)	42191	25.3735	1270	
	34 Cyclohexane	56	4.614	4.610	(0.848)	140604	24.4860	1220	6246
	35 Chloroform +	83	4.679	4.674	(0.860)	143513	25.3013	1270	
	36 Carbon Tetrachloride	117	4.779	4.780	(0.878)	103507	26.9148	1350	
$	39 Dibromofluoromethane	111	4.820	4.821	(0.886)	209145	55.3778	2770	3702
	40 1,1,1-Trichloroethane	97	4.837	4.833	(0.889)	109571	26.6132	1330	
	42 2-Butanone	43	4.925	4.921	(0.905)	54280	22.6396	1130	
	43 1,1-Dichloropropene	75	4.931	4.933	(0.906)	112705	24.4489	1220	
	45 Benzene	78	5.125	5.126	(0.942)	323143	25.0964	1250	
$	48 1,2-Dichloroethane-d4	67	5.230	5.232	(0.961)	115019	54.1724	2710	
	49 1,2-Dichloroethane	62	5.283	5.279	(0.971)	118255	26.7351	1340	
*	52 FLUOROBENZENE	96	5.441	5.437	(1.000)	686589	50.0000		
	53 Methyl Cyclohexane	83	5.552	5.554	(1.020)	141762	25.2986	1260	9065
	54 Trichloroethene	130	5.558	5.566	(1.022)	81603	25.3761	1270	
	57 Dibromomethane	93	5.874	5.871	(1.080)	67267	23.4164	1170	
	59 1,2-Dichloropropane +	63	5.939	5.941	(1.091)	100301	26.3929	1320	
	60 Bromodichloromethane	83	5.986	5.988	(1.100)	120530	24.1500	1210	
M	61 Total 1,2-Dichloroethene	61				205209	52.9181	2650	
	64 1-Bromo-2-chloroethane	63	6.325	6.327	(1.162)	154116	23.8954	1190	7220
	65 2-Chloroethyl vinyl ether	63	6.378	6.380	(1.172)	82168	31.4337	1570	
	66 cis-1,3-Dichloropropene	75	6.425	6.427	(1.181)	161482	25.4856	1270	
$	67 Toluene-d8	98	6.554	6.556	(0.860)	670464	54.2182	2710	
	69 Toluene +	91	6.595	6.592	(0.865)	371033	23.0905	1150	
	71 4-methyl-2-pentanone	43	6.847	6.843	(1.258)	122856	21.9904	1100	
	72 Tetrachloroethene	164	6.858	6.861	(0.900)	68622	24.0998	1200	
	73 trans-1,3-Dichloropropene	75	6.870	6.873	(0.902)	145097	24.5658	1230	
	75 1,1,2-Trichloroethane	97	6.988	6.984	(0.917)	90109	24.5813	1230	
	76 Dibromochloromethane	129	7.111	7.113	(0.933)	97791	22.9555	1150	
	77 1,3-Dichloropropane	76	7.175	7.178	(0.942)	152499	24.3201	1220	
	79 1,2-Dibromoethane(EDB)	107	7.280	7.284	(0.955)	98207	23.0571	1150	
	80 2-Hexanone	43	7.409	7.407	(0.972)	88083	21.1160	1060	(M)
	82 1-Chlorohexane	91	7.597	7.600	(0.997)	153242	24.8718	1240	9641
*	83 CHLOROBENZENE-d5	82	7.620	7.623	(1.000)	303937	50.0000		
	84 Chlorobenzene ++	112	7.632	7.629	(1.002)	238729	25.4833	1270	
	85 Ethylbenzene +	106	7.638	7.641	(1.002)	128876	25.5037	1280	
	86 1,1,1,2-Tetrachloroethane	133	7.667	7.671	(1.006)	81906	25.2301	1260	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	87 p,m-Xylene	106	7.738	7.736	(1.015)	299791	51.1091	2560	
	89 o-Xylene	106	8.031	8.034	(1.054)	155256	26.3480	1320	
	90 Styrene	104	8.066	8.064	(1.058)	274204	25.3304	1270	
	91 Bromoform ++	173	8.101	8.099	(1.063)	73033	23.0324	1150	
	93 Isopropylbenzene	105	8.236	8.240	(1.081)	375352	25.0819	1250	(H)
$	94 Bromofluorobenzene	174	8.441	8.445	(1.108)	214801	53.8948	2690	
	95 n-Propylbenzene	91	8.517	8.521	(0.926)	516887	25.5394	1280	
	96 Bromobenzene	77	8.523	8.527	(0.927)	205284	25.6862	1280	
	97 1,1,2,2-Tetrachloroethane++	83	8.565	8.569	(0.932)	134875	21.6999	1080	
	98 2-Chlorotoluene	91	8.641	8.645	(0.940)	350203	26.2761	1310	
	99 1,3,5-Trimethylbenzene	105	8.647	8.645	(0.941)	336103	26.1864	1310	
	100 1,2,3-Trichloropropane	75	8.671	8.675	(0.943)	150169	22.1229	1110	
	101 trans-1,4-Dichloro-2-Butene	53	8.688	8.687	(0.945)	25981	20.2709	1010	
	103 4-Chlorotoluene	91	8.753	8.757	(0.952)	313400	25.4708	1270	(H)
	104 tert-butylbenzene	91	8.870	8.869	(0.965)	196533	24.3529	1220	
	106 1,2,4-Trimethylbenzene	105	8.911	8.916	(0.969)	349927	26.5516	1330	
	107 sec-Butylbenzene	105	8.988	8.987	(0.978)	469750	25.5364	1280	
	108 p-Isopropyltoluene	119	9.070	9.069	(0.987)	358183	24.6223	1230	
	110 1,3-Dichlorobenzene	146	9.146	9.151	(0.995)	188221	25.0756	1250	
*	111 1,4-DICHLOROBENZENE-D4	152	9.194	9.199	(1.000)	253901	50.0000		
	112 1,4-Dichlorobenzene	146	9.205	9.205	(1.001)	201591	25.6907	1280	
	115 n-Butylbenzene	91	9.346	9.345	(1.017)	402748	25.8460	1290	
	116 1,2-Dichlorobenzene	146	9.481	9.486	(1.031)	191304	25.4738	1270	
	120 1,2-Dibromo-3-Chloropropane	157	9.984	9.990	(1.086)	24439	18.8863	944	
	122 Hexachlorobutadiene	225	10.371	10.371	(1.128)	67041	24.2650	1210	
	123 1,2,4-Trichlorobenzene	180	10.407	10.407	(1.132)	130806	26.6465	1330	
M	124 TOTAL XYLENE	106				455047	77.4571	3870	
	125 Naphthalene	128	10.618	10.624	(1.155)	351405	29.6595	1480	
	126 1,2,3-Trichlorobenzene	180	10.741	10.747	(1.168)	130180	26.7450	1340	

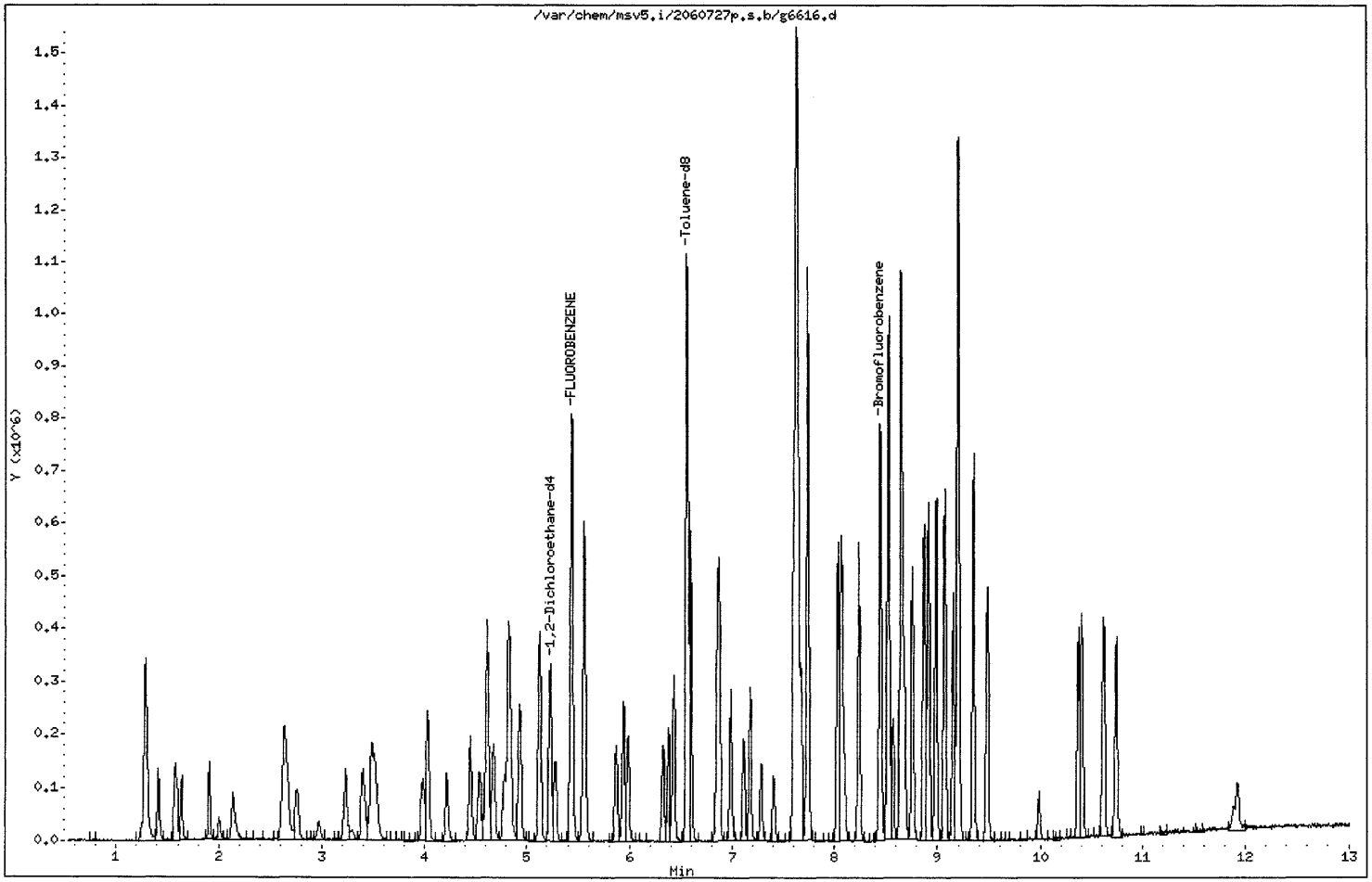
QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060727p.s.b/g6616.d
Date : 27-JUL-2006 23:02
Client ID: LCSD FOR HBN 328954
Sample Info: 395129*LCSD FOR HBN 328954
Purge Volume: 5.0
Column phase: DB-VRX-30M

Instrument: msv5.i

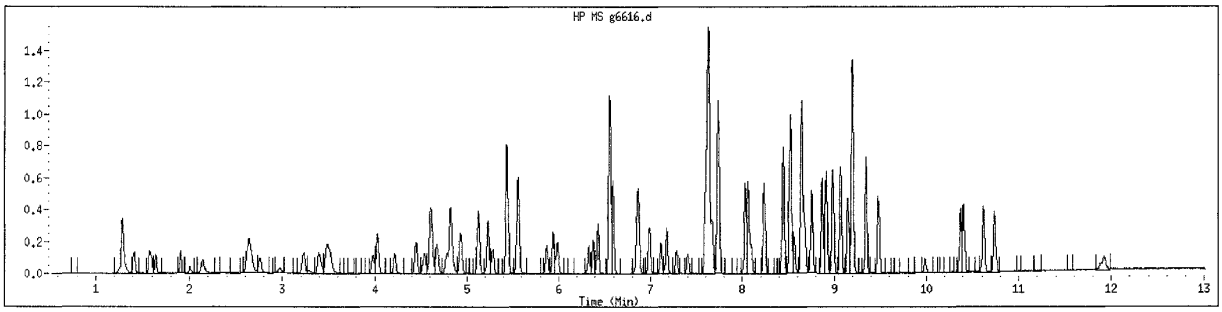
Operator: RSS
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060727p.s.b/g6616.d Page: 1
Report Date: 07/30/2006 19:23

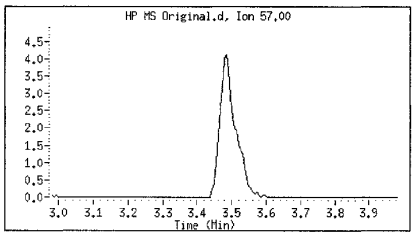
MANUAL INTEGRATION GRAPHIC REPORT

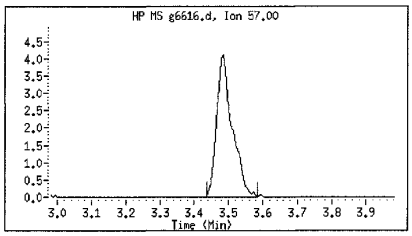
Lab ID : 395129 SampleType : LCSD
Injection Date: 27-JUL-2006 23:02 Instrument : msv5.i
Operator : RSS
Sample Info : 395129*LCSD FOR HBN 328954
Misc Info : MSV~8768~*50*ABD
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Dilution : 50.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



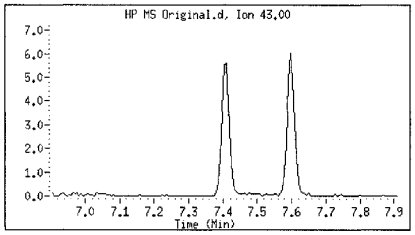
Original Final

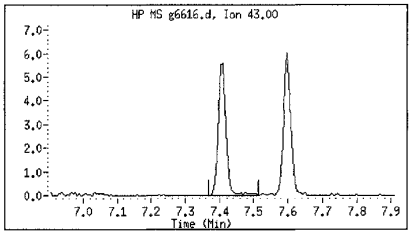
21 Hexane CAS#: 110-54-3





80 2-Hexanone CAS#: 591-78-6





1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

ND3SB05-010 (1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.98 (g/ml) g

Lab Sample ID: 20607191621

Level: (low/med) LOW

Lab File ID: 2060722Q/V4482MS

% Moisture: not dec. 21.8

Date Collected: 07/17/06 Time: 1620

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/19/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 1836

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	42.2		0.400	26.7
107-02-8	Acrolein	97.4		2.50	26.7
107-13-1	Acrylonitrile	98.6		0.761	26.7
75-27-4	Bromodichloromethane	21.9		0.144	5.35
75-25-2	Bromoform	21.9		0.181	5.35
74-83-9	Bromomethane	15.6		1.61	5.35
75-15-0	Carbon disulfide	26.6		0.117	5.35
56-23-5	Carbon tetrachloride	28.8		0.128	5.35
75-00-3	Chloroethane	39.5		0.648	5.35
136777-61-	m,p-Xylene	49.9		0.425	5.35
67-66-3	Chloroform	23.0		0.151	5.35
74-87-3	Chloromethane	17.5		0.496	5.35
124-48-1	Dibromochloromethane	22.5		0.096	5.35
74-95-3	Dibromomethane	22.5		0.167	5.35
75-71-8	Dichlorodifluoromethane	28.6		0.389	5.35
75-34-3	1,1-Dichloroethane	22.9		0.170	5.35
107-06-2	1,2-Dichloroethane	21.9		0.122	5.35
156-59-2	cis-1,2-Dichloroethene	22.0		0.135	5.35
156-60-5	trans-1,2-Dichloroethene	23.5		0.175	5.35
75-09-2	Methylene chloride	17.1		0.512	10.7
78-87-5	1,2-Dichloropropane	21.5		0.120	5.35
10061-01-5	cis-1,3-Dichloropropene	21.7		0.123	5.35
10061-02-6	trans-1,3-Dichloropropene	21.1		0.151	5.35
100-41-4	Ethylbenzene	25.2		0.221	5.35
591-78-6	2-Hexanone	21.2		0.883	5.35
98-82-8	Isopropylbenzene (Cumene)	24.8		0.164	5.35
78-93-3	2-Butanone	20.6		0.334	5.35
74-88-4	Methyl iodide	19.9		0.969	5.35
108-10-1	4-Methyl-2-pentanone	23.1		0.185	5.35
103-65-1	n-Propylbenzene	25.6		0.150	5.35
100-42-5	Styrene	22.5		0.163	5.35

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
ND3SB05-010 (1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.98 (g/ml) g

Lab Sample ID: 20607191621

Level: (low/med) LOW

Lab File ID: 2060722Q/V4482MS

% Moisture: not dec. 21.8

Date Collected: 07/17/06 Time: 1620

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/19/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 1836

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	29.0		0.205	5.35
630-20-6	1,1,1,2-Tetrachloroethane	23.5		0.188	5.35
79-34-5	1,1,2,2-Tetrachloroethane	25.3		0.192	5.35
120-82-1	1,2,4-Trichlorobenzene	18.2		0.350	5.35
71-55-6	1,1,1-Trichloroethane	26.1		0.131	5.35
79-00-5	1,1,2-Trichloroethane	22.4		0.122	5.35
75-69-4	Trichlorofluoromethane	29.2		0.269	5.35
96-18-4	1,2,3-Trichloropropane	23.9		0.262	2.14
95-63-6	1,2,4-Trimethylbenzene	25.6		0.212	5.35
108-67-8	1,3,5-Trimethylbenzene	25.6		0.174	5.35
75-01-4	Vinyl chloride	25.3		0.375	5.35
95-47-6	o-Xylene	24.3		0.186	5.35
96-12-8	1,2-Dibromo-3-chloropropane	25.3		0.926	5.35
106-93-4	1,2-Dibromoethane	22.9		0.160	5.35
108-05-4	Vinyl acetate	20.8		1.05	5.35
1634-04-4	tert-Butyl methyl ether (MTBE)	21.1		0.079	5.35
99-87-6	4-Isopropyltoluene	24.7		0.172	5.35
1330-20-7	Xylene (total)	74.2		0.612	10.7
108-87-2	Methylcyclohexane	26.5		0.396	5.35
110-57-6	trans-1,4-Dichloro-2-butene	26.3		0.771	5.35
110-82-7	Cyclohexane	25.6		1.18	5.35
594-20-7	2,2-Dichloropropane	23.3		0.188	5.35
79-20-9	Methyl Acetate	23.4		1.63	5.35
76-13-1	Trichlorotrifluoroethane	29.3		0.201	5.35
563-58-6	1,1-Dichloropropene	25.6		0.139	5.35
110-75-8	2-Chloroethylvinyl ether	6.15		2.25	5.35
142-28-9	1,3-Dichloropropane	23.0		0.145	5.35
108-86-1	Bromobenzene	24.2		0.251	5.35
95-49-8	2-Chlorotoluene	24.3		0.160	5.35
106-43-4	4-Chlorotoluene	23.9		0.347	5.35
98-06-6	tert-Butylbenzene	25.3		0.269	5.35
135-98-8	sec-Butylbenzene	25.3		0.125	5.35

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
ND3SB05-010 (1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.98 (g/ml) g

Lab Sample ID: 20607191621

Level: (low/med) LOW

Lab File ID: 2060722Q/V4482MS

% Moisture: not dec. 21.8

Date Collected: 07/17/06 Time: 1620

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/19/06

Instrument ID: MSV4

Date Analyzed: 07/22/06 Time: 1836

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	22.6		0.252	5.35
106-46-7	1,4-Dichlorobenzene	22.0		0.450	5.35
104-51-8	n-Butylbenzene	23.4		0.190	5.35
95-50-1	1,2-Dichlorobenzene	22.4		0.122	5.35
87-68-3	Hexachlorobutadiene	15.7		1.33	5.35
91-20-3	Naphthalene	21.1		0.402	5.35
75-35-4	1,1-Dichloroethene	24.8		0.384	5.35
71-43-2	Benzene	26.0		0.111	5.35
79-01-6	Trichloroethene	24.2		0.189	5.35
108-88-3	Toluene	27.1		0.588	5.35
108-90-7	Chlorobenzene	23.7		0.176	5.35

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4482ms.d
Lab Smp Id: 20607191621 Client Smp ID: ND3SB05-010 (1-2) M
Inj Date : 22-JUL-2006 18:36
Operator : RSS Inst ID: msv4.i
Smp Info : 20607191621*ND3SB05-010 (1-2) MS
Misc Info : MSV~8729~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:52 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 6 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.98000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.657	1.652	(0.260)	108842	26.7756	22.4	4463
2 Chloromethane ++	50	1.831	1.826	(0.287)	88171	16.3567	13.7	4637
3 Vinyl Chloride +	62	1.889	1.895	(0.297)	89686	23.7128	19.8	6763
5 Bromomethane	94	2.169	2.169	(0.340)	28354	14.6423	12.2	7405
7 Chloroethane	64	2.285	2.285	(0.359)	71968	36.8991	30.9	8369
8 Trichlorofluoromethane	101	2.406	2.407	(0.378)	105315	27.2479	22.8	9231
10 1,1-Dichloroethene +	96	2.881	2.871	(0.452)	44713	23.2483	19.4	7665
11 Carbon Disulfide	76	2.908	2.903	(0.456)	224683	24.9197	20.8	8177
12 1,1,2Trichlotrifluoroethane	101	2.923	2.914	(0.459)	73518	27.3899	22.9	8697
13 Methyl Iodide	142	3.018	3.019	(0.474)	49923	18.6444	15.6	7417
14 Acrolein	56	3.230	3.225	(0.507)	62826	91.1309	76.2	3640(H)
15 Methylene Chloride	49	3.494	3.494	(0.548)	102412	16.0796	13.4	9073
17 Acetone	43	3.562	3.552	(0.559)	89832	39.4843	33.0	6292

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.684	3.679	(0.578)	85975	22.0012	18.4	7102
	19 Methyl Acetate	43	3.705	3.705	(0.582)	109948	21.8999	18.3	6179
	20 Hexane	57	3.794	3.790	(0.596)	150284	22.5402	18.8	8889
	21 MTBE	73	3.821	3.821	(0.600)	193036	19.7436	16.5	6408
	26 1,1-Dichloroethane ++	63	4.454	4.450	(0.699)	110782	21.4368	17.9	8879
	27 Acrylonitrile	53	4.528	4.529	(0.711)	247617	92.1585	77.1	6862
	30 Vinyl Acetate	43	4.771	4.777	(0.749)	178957	19.4896	16.3	
	31 cis-1,2-Dichloroethene	61	5.077	5.078	(0.797)	88425	20.5326	17.2	7855
	33 2,2-Dichloropropane	77	5.183	5.189	(0.814)	76086	21.7326	18.2	6600
	35 Cyclohexane	56	5.278	5.284	(0.828)	108569	23.9358	20.0	6218
	37 Bromochloromethane	128	5.288	5.289	(0.830)	30729	21.2627	17.8	6916
	39 Chloroform +	83	5.383	5.384	(0.845)	110156	21.5537	18.0	9083
	42 Carbon Tetrachloride	117	5.505	5.510	(0.864)	70020	26.9485	22.5	8230
$	44 Dibromofluoromethane	111	5.573	5.569	(0.875)	181014	53.3269	44.6	5545
	45 1,1,1-Trichloroethane	97	5.584	5.584	(0.877)	86372	24.3564	20.4	9205
	46 2-Butanone	43	5.710	5.711	(0.896)	167240	19.2677	16.1	
	47 1,1-Dichloropropene	75	5.716	5.711	(0.897)	79460	23.9369	20.0	8423
	53 Benzene	78	5.958	5.959	(0.935)	236765	24.2859	20.3	8408
$	54 1,2-Dichloroethane-d4	67	6.101	6.102	(0.958)	115792	50.2762	42.0	9520
	55 1,2-Dichloroethane	62	6.170	6.165	(0.969)	108143	20.4737	17.1	8434
*	58 FLUOROBENZENE	96	6.370	6.371	(1.000)	493429	50.0000		9563
	59 Methyl cyclohexane	83	6.518	6.513	(1.023)	88588	24.8152	20.7	9106
	60 Trichloroethene	130	6.529	6.534	(1.025)	54537	22.6280	18.9	8703
	62 Dibromomethane	93	6.919	6.925	(1.086)	53556	21.0514	17.6	8607
	64 1,2-Dichloropropane +	63	7.014	7.015	(1.101)	65600	20.0734	16.8	8949
M	65 Total 1,2-Dichloroethene	61				174400	42.4625	35.5	0
	67 Bromodichloromethane	83	7.083	7.078	(1.112)	85577	20.4359	17.1	9076
	71 1-Bromo-2-chloroethane	144	7.505	7.511	(1.178)	10010	20.1411	16.8	8830
	72 2-Chloroethyl vinyl ether	63	7.589	7.590	(1.191)	6073	5.75131	4.81	2229(RM)
	74 cis-1,3-Dichloropropene	75	7.648	7.648	(1.201)	99231	20.3224	17.0	
M	75 1-3 Dichloropropene-Total	100				192399	38.9740	32.6	0
$	76 Toluene-d8	98	7.806	7.807	(0.854)	478390	61.8291	51.7	9189
	77 Toluene +	91	7.853	7.849	(0.859)	230371	25.3660	21.2	9371
	80 Tetrachloroethene	164	8.186	8.181	(0.895)	41704	27.1615	22.7	8896
	81 4-methyl-2-pentanone	43	8.186	8.187	(0.895)	221878	21.6431	18.1	
	82 trans-1,3-Dichloropropene	75	8.218	8.218	(0.899)	93168	19.7473	16.5	(R)
	83 1,1,2-Trichloroethane	97	8.355	8.355	(0.914)	59100	20.9600	17.5	8989
	85 Dibromochloromethane	129	8.508	8.509	(0.931)	63096	21.0190	17.6	8411
	86 1,3-Dichloropropane	76	8.587	8.593	(0.939)	105018	21.5321	18.0	8852
	87 1,2-Dibromoethane(EDB)	107	8.714	8.714	(0.953)	69608	21.4659	17.9	8333
	88 2-Hexanone	43	8.904	8.899	(0.974)	163348	19.8002	16.6	7805
	89 1-Chlorohexane	91	9.131	9.131	(0.999)	83626	27.9239	23.3	5815
*	90 Chlorobenzene-d5	82	9.141	9.148	(1.000)	198887	50.0000		8417
	91 Chlorobenzene ++	112	9.157	9.158	(1.002)	139505	22.1308	18.5	8032
	92 Ethylbenzene +	91	9.173	9.174	(1.003)	253540	23.5996	19.7	7561
	93 1,1,1,2-Tetrachloroethane	133	9.210	9.211	(1.008)	48167	22.0288	18.4	7927
	95 p,m-Xylene	106	9.294	9.295	(1.017)	171509	46.6513	39.0	9490

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.664	9.665	(1.057)	82131	22.7144	19.0	
99 Styrene	104	9.706	9.707	(1.062)	132015	21.0676	17.6	8675
100 Bromoform ++	173	9.738	9.738	(1.065)	49454	20.4119	17.1	7961
101 Isopropylbenzene	105	9.923	9.923	(1.085)	195363	23.1519	19.4	9181
$ 103 Bromofluorobenzene	174	10.176	10.177	(1.113)	147823	55.8548	46.7	9021
104 Bromobenzene	77	10.266	10.272	(0.922)	107520	22.6594	18.9	6822
105 n-Propylbenzene	91	10.276	10.277	(0.923)	249686	23.9369	20.0	8035
106 1,1,2,2-Tetrachloroethane++	83	10.339	10.340	(0.928)	103978	23.7129	19.8	3333
107 2-Chlorotoluene	91	10.419	10.419	(0.936)	169358	22.7820	19.0	8834(H)
108 1,3,5-Trimethylbenzene	105	10.435	10.435	(0.937)	168402	23.9085	20.0	
109 1,2,3-Trichloropropane	75	10.461	10.467	(0.939)	115174	22.3999	18.7	3885
110 trans-1,4-Dichloro-2-Butene	53	10.493	10.493	(0.942)	27077	24.6713	20.6	8749
111 4-Chlorotoluene	91	10.561	10.562	(0.948)	146978	22.3797	18.7	9095
112 tert-butylbenzene	91	10.714	10.715	(0.962)	94745	23.6676	19.8	8996
114 1,2,4-Trimethylbenzene	105	10.772	10.773	(0.967)	168117	23.8899	20.0	
116 sec-Butylbenzene	105	10.862	10.868	(0.975)	214132	23.7014	19.8	
117 p-Isopropyltoluene	119	10.978	10.984	(0.986)	159242	23.1007	19.3	7065
120 1,3-Dichlorobenzene	146	11.068	11.074	(0.994)	81178	21.1980	17.7	
* 121 1,4-DICHLOROBENZENE-D4	152	11.137	11.138	(1.000)	140670	50.0000		8642
122 1,4-Dichlorobenzene	146	11.147	11.148	(1.001)	87974	20.5740	17.2	
123 n-Butylbenzene	91	11.353	11.359	(1.019)	147307	21.8450	18.3	9210
M 124 TOTAL XYLENE	106				253640	69.3657	58.0	0
125 1,2-Dichlorobenzene	146	11.538	11.538	(1.036)	80530	20.9136	17.5	
126 1,2-Dibromo-3-Chloropropane	157	12.366	12.367	(1.110)	22310	23.6358	19.8	5515
127 Hexachlorobutadiene	225	13.132	13.143	(1.179)	18380	14.6866	12.3	8600(R)
128 1,2,4-Trichlorobenzene	180	13.195	13.201	(1.185)	39259	17.0347	14.2	(R)
129 Napthalene	128	13.580	13.581	(1.219)	119067	19.7028	16.5	6410
130 1,2,3-Trichlorobenzene	180	13.786	13.787	(1.238)	38397	16.3506	13.7	(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060722q.s.b/v4482ms.d

Date : 22-JUL-2006 18:36

Client ID: ND3SB05-010 (1-2) M

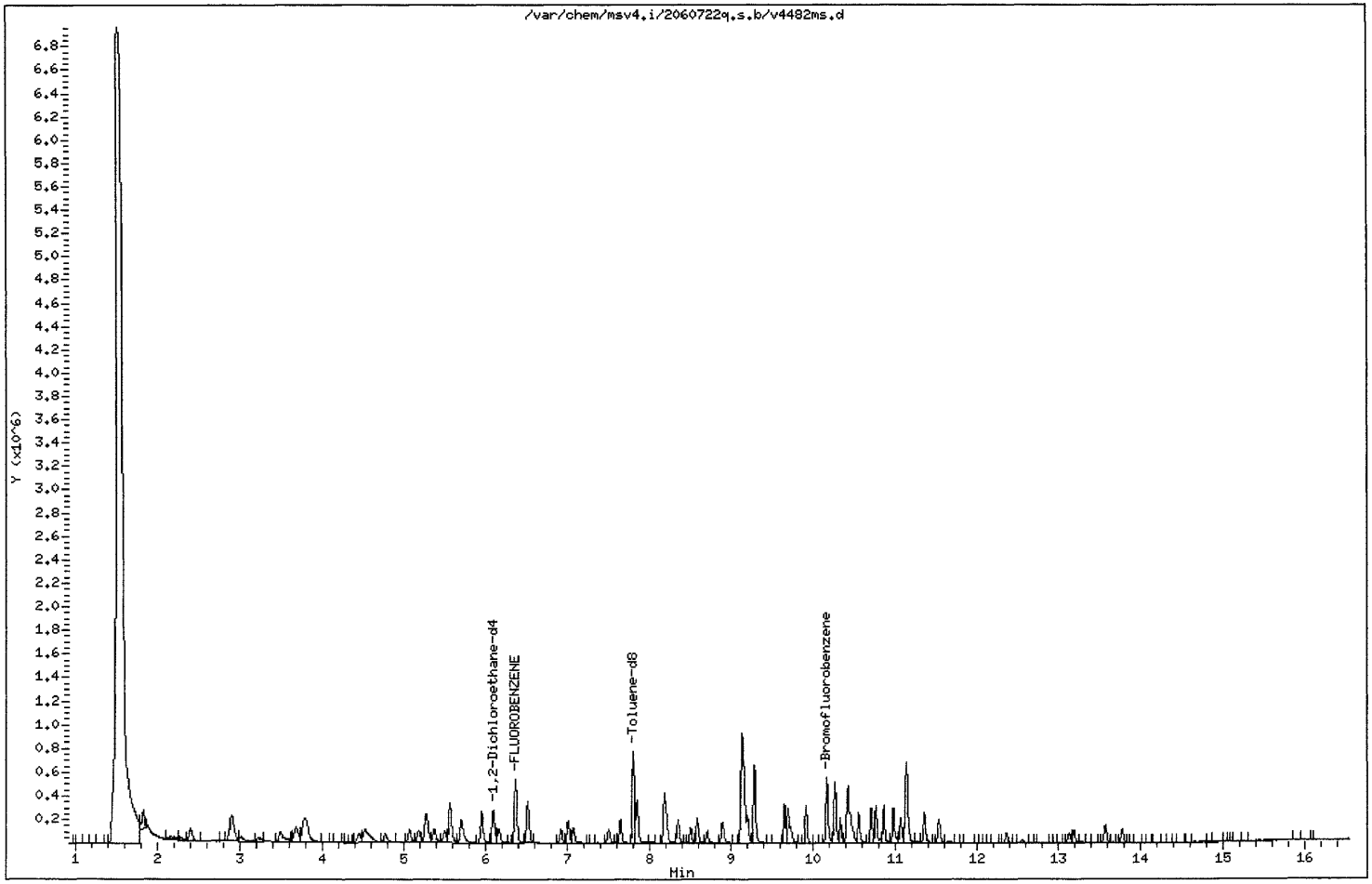
Instrument: msv4.i

Sample Info: 20607191621*ND3SB05-010 (1-2) MS

Operator: RSS

Column phase: DB-624-30M

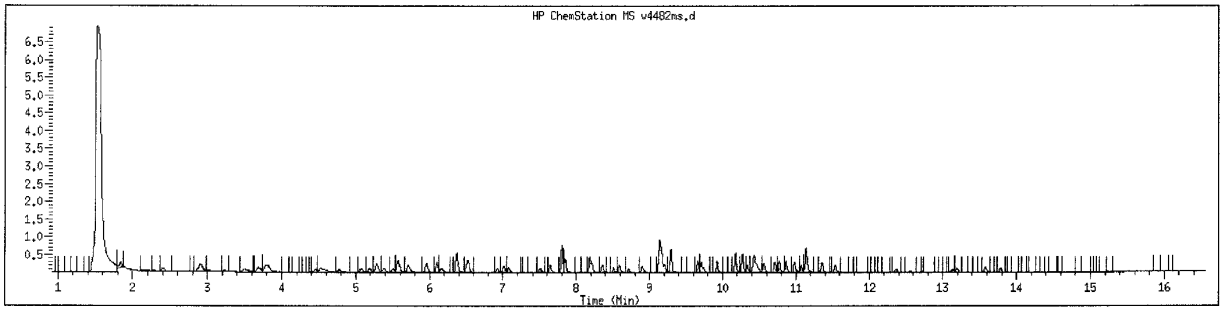
Column diameter: 0.53



Data file : /var/chem/msv4.i/2060722q.s.b/v4482ms.d Page: 1
Report Date: 07/23/2006 11:11

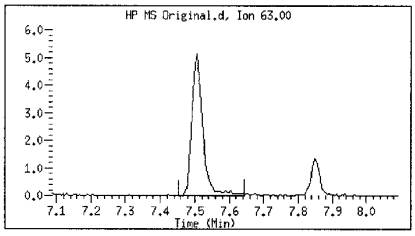
MANUAL INTEGRATION GRAPHIC REPORT

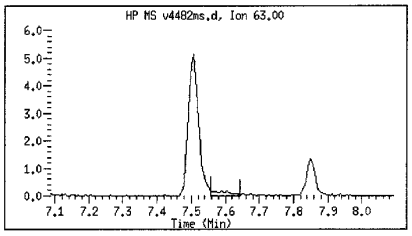
Lab ID	: 20607191621	SampleType	: MS
Injection Date	: 22-JUL-2006 18:36	Instrument	: msv4.i
Operator	: RSS		
Sample Info	: 20607191621*ND3SB05-010 (1-2) MS		
Misc Info	: MSV~8729~*1*RSS		
Method	: /var/chem/msv4.i/2060722q.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



Original Final

72 2-Chloroethyl vinyl ether CAS#: 110-75-8





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SL8SB99-198-(1-2)MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.73 (g/ml) g

Lab Sample ID: 20607191625

Level: (low/med) LOW

Lab File ID: 2060723/V4522MS

% Moisture: not dec. 12.9

Date Collected: 07/18/06 Time: 0925

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/19/06

Instrument ID: MSV4

Date Analyzed: 07/23/06 Time: 1309

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	58.0		0.319	21.3
107-02-8	Acrolein	105		2.00	21.3
107-13-1	Acrylonitrile	99.8		0.607	21.3
75-27-4	Bromodichloromethane	17.0		0.115	4.27
75-25-2	Bromoform	16.1		0.144	4.27
74-83-9	Bromomethane	14.7		1.28	4.27
75-15-0	Carbon disulfide	20.9		0.093	4.27
56-23-5	Carbon tetrachloride	19.4		0.102	4.27
75-00-3	Chloroethane	20.2		0.517	4.27
136777-61-	m,p-Xylene	34.0		0.340	4.27
67-66-3	Chloroform	17.9		0.120	4.27
74-87-3	Chloromethane	15.3		0.396	4.27
124-48-1	Dibromochloromethane	17.8		0.077	4.27
74-95-3	Dibromomethane	17.1		0.133	4.27
75-71-8	Dichlorodifluoromethane	23.3		0.311	4.27
75-34-3	1,1-Dichloroethane	19.4		0.136	4.27
107-06-2	1,2-Dichloroethane	17.3		0.097	4.27
156-59-2	cis-1,2-Dichloroethene	17.9		0.107	4.27
156-60-5	trans-1,2-Dichloroethene	21.0		0.140	4.27
75-09-2	Methylene chloride	14.6		0.409	8.53
78-87-5	1,2-Dichloropropane	16.5		0.096	4.27
10061-01-5	cis-1,3-Dichloropropene	16.0		0.098	4.27
10061-02-6	trans-1,3-Dichloropropene	17.9		0.120	4.27
100-41-4	Ethylbenzene	17.3		0.177	4.27
591-78-6	2-Hexanone	18.8		0.705	4.27
98-82-8	Isopropylbenzene (Cumene)	15.5		0.131	4.27
78-93-3	2-Butanone	15.3		0.266	4.27
74-88-4	Methyl iodide	19.2		0.773	4.27
108-10-1	4-Methyl-2-pentanone	18.7		0.148	4.27
103-65-1	n-Propylbenzene	16.9		0.119	4.27
100-42-5	Styrene	16.5		0.130	4.27

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SL8SB99-198-(1-2)MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.73 (g/ml) g Lab Sample ID: 20607191625

Level: (low/med) LOW Lab File ID: 2060723/V4522MS

% Moisture: not dec. 12.9 Date Collected: 07/18/06 Time: 0925

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/19/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1309

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	18.1		0.164	4.27
630-20-6	1,1,1,2-Tetrachloroethane	17.6		0.150	4.27
79-34-5	1,1,2,2-Tetrachloroethane	20.4		0.154	4.27
120-82-1	1,2,4-Trichlorobenzene	11.2		0.279	4.27
71-55-6	1,1,1-Trichloroethane	18.6		0.105	4.27
79-00-5	1,1,2-Trichloroethane	18.1		0.097	4.27
75-69-4	Trichlorofluoromethane	21.7		0.215	4.27
96-18-4	1,2,3-Trichloropropane	19.6		0.209	1.71
95-63-6	1,2,4-Trimethylbenzene	16.5		0.169	4.27
108-67-8	1,3,5-Trimethylbenzene	16.1		0.139	4.27
75-01-4	Vinyl chloride	21.0		0.299	4.27
95-47-6	o-Xylene	16.9		0.148	4.27
96-12-8	1,2-Dibromo-3-chloropropane	16.5		0.739	4.27
106-93-4	1,2-Dibromoethane	17.0		0.128	4.27
108-05-4	Vinyl acetate	21.2		0.835	4.27
1634-04-4	tert-Butyl methyl ether (MTBE)	18.0		0.063	4.27
99-87-6	4-Isopropyltoluene	14.5		0.137	4.27
1330-20-7	Xylene (total)	51.0		0.488	8.53
108-87-2	Methylcyclohexane	12.7		0.316	4.27
110-57-6	trans-1,4-Dichloro-2-butene	18.7		0.615	4.27
110-82-7	Cyclohexane	14.4		0.943	4.27
594-20-7	2,2-Dichloropropane	20.0		0.150	4.27
79-20-9	Methyl Acetate	23.5		1.30	4.27
76-13-1	Trichlorotrifluoroethane	21.8		0.160	4.27
563-58-6	1,1-Dichloropropene	17.8		0.111	4.27
110-75-8	2-Chloroethylvinyl ether	4.27	U	1.79	4.27
142-28-9	1,3-Dichloropropane	18.1		0.116	4.27
108-86-1	Bromobenzene	17.5		0.200	4.27
95-49-8	2-Chlorotoluene	16.4		0.128	4.27
106-43-4	4-Chlorotoluene	16.8		0.277	4.27
98-06-6	tert-Butylbenzene	15.5		0.215	4.27
135-98-8	sec-Butylbenzene	14.5		0.100	4.27

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SL8SB99-198-(1-2)MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.73 (g/ml) g Lab Sample ID: 20607191625

Level: (low/med) LOW Lab File ID: 2060723/V4522MS

% Moisture: not dec. 12.9 Date Collected: 07/18/06 Time: 0925

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/19/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1309

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	14.6		0.201	4.27
106-46-7	1,4-Dichlorobenzene	15.7		0.359	4.27
104-51-8	n-Butylbenzene	14.0		0.152	4.27
95-50-1	1,2-Dichlorobenzene	14.8		0.097	4.27
87-68-3	Hexachlorobutadiene	7.02		1.06	4.27
91-20-3	Naphthalene	13.4		0.321	4.27
75-35-4	1,1-Dichloroethene	20.8		0.306	4.27
71-43-2	Benzene	19.3		0.089	4.27
79-01-6	Trichloroethene	17.7		0.151	4.27
108-88-3	Toluene	20.8		0.469	4.27
108-90-7	Chlorobenzene	16.9		0.141	4.27

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4522ms.d
Lab Smp Id: 20607191625 Client Smp ID: SL8SB99-198-(1-2) M
Inj Date : 23-JUL-2006 13:09
Operator : RSS Inst ID: msv4.i
Smp Info : 20607191625*SL8SB99-198-(1-2) MS
Misc Info : MSV~8738~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 24-Jul-2006 15:42 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 9 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.73000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.657	1.656	(0.260)	96629	27.3591	20.3	4430
2 Chloromethane ++	50	1.831	1.825	(0.287)	84029	17.9412	13.3	4562
3 Vinyl Chloride +	62	1.889	1.894	(0.297)	80971	24.6399	18.3	6490
5 Bromomethane	94	2.169	2.168	(0.340)	28896	17.1745	12.8	6871
7 Chloroethane	64	2.275	2.279	(0.357)	40141	23.6873	17.6	8896
8 Trichlorofluoromethane	101	2.401	2.406	(0.377)	85211	25.3741	18.9	8953
10 1,1-Dichloroethene +	96	2.876	2.881	(0.451)	40811	24.4223	18.1	7872
11 Carbon Disulfide	76	2.903	2.913	(0.456)	192269	24.5433	18.2	8284
12 1,1,2Trichlotrifluoroethane	101	2.924	2.928	(0.459)	59559	25.5386	19.0	8475
13 Methyl Iodide	142	3.013	3.023	(0.473)	52305	22.4824	16.7	7391
14 Acrolein	56	3.219	3.240	(0.505)	74439	122.723	91.2	3391
15 Methylene Chloride	49	3.489	3.504	(0.548)	94395	17.1373	12.7	8638
17 Acetone	43	3.557	3.588	(0.558)	130778	67.9060	50.5	5448(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.684	3.683	(0.578)	83554	24.6090	18.3	6896
	19 Methyl Acetate	43	3.700	3.710	(0.581)	120360	27.5923	20.5	5561
	20 Hexane	57	3.795	3.789	(0.596)	103845	17.9260	13.3	8662
	21 MTBE	73	3.816	3.826	(0.599)	179341	21.1115	15.7	6332
	26 1,1-Dichloroethane ++	63	4.444	4.459	(0.698)	102187	22.7582	16.9	8718
	27 Acrylonitrile	53	4.518	4.538	(0.709)	273118	116.992	86.9	6670
	30 Vinyl Acetate	43	4.771	4.786	(0.749)	198144	24.8363	18.5	
	31 cis-1,2-Dichloroethene	61	5.067	5.077	(0.795)	78520	20.9847	15.6	7410
	33 2,2-Dichloropropane	77	5.183	5.193	(0.814)	71264	23.4277	17.4	6483
	35 Cyclohexane	56	5.278	5.282	(0.828)	66471	16.8666	12.5	6209
	37 Bromochloromethane	128	5.283	5.298	(0.829)	26226	20.8860	15.5	7589
	39 Chloroform +	83	5.378	5.388	(0.844)	93017	20.9473	15.6	8966
	42 Carbon Tetrachloride	117	5.500	5.515	(0.863)	51457	22.7934	16.9	8533
$	44 Dibromofluoromethane	111	5.568	5.578	(0.874)	159497	54.0802	40.2	5368
	45 1,1,1-Trichloroethane	97	5.573	5.589	(0.875)	67026	21.7538	16.2	9303
	46 2-Butanone	43	5.705	5.731	(0.896)	134892	17.8866	13.3	
	47 1,1-Dichloropropene	75	5.711	5.721	(0.896)	60273	20.8975	15.5	8417
	53 Benzene	78	5.959	5.969	(0.935)	191535	22.6119	16.8	8383
$	54 1,2-Dichloroethane-d4	67	6.096	6.106	(0.957)	104984	52.4638	39.0	9531
	55 1,2-Dichloroethane	62	6.165	6.175	(0.968)	93059	20.2772	15.1	8376
*	58 FLUOROBENZENE	96	6.370	6.380	(1.000)	428719	50.0000		9374
	59 Methyl cyclohexane	83	6.518	6.523	(1.023)	46361	14.9468	11.1	8828(R)
	60 Trichloroethene	130	6.529	6.539	(1.025)	43400	20.7251	15.4	8829
	62 Dibromomethane	93	6.919	6.935	(1.086)	44407	20.0899	14.9	8754
	64 1,2-Dichloropropane +	63	7.009	7.024	(1.100)	55080	19.3983	14.4	8872(R)
M	65 Total 1,2-Dichloroethene	61				162074	45.4177	33.7	0
	67 Bromodichloromethane	83	7.073	7.088	(1.110)	72352	19.8857	14.8	9112(R)
	71 1-Bromo-2-chloroethane	144	7.505	7.515	(1.178)	8894	20.5967	15.3	8710
	74 cis-1,3-Dichloropropene	75	7.643	7.652	(1.200)	79405	18.7166	13.9	(R)
M	75 1-3 Dichloropropene-Total	100				160097	37.3257	27.7	0
$	76 Toluene-d8	98	7.801	7.811	(0.853)	398351	63.3059	47.0	9161
	77 Toluene +	91	7.848	7.858	(0.859)	179876	24.3537	18.1	9134
	80 Tetrachloroethene	164	8.181	8.191	(0.895)	26547	21.2598	15.8	8650
	81 4-methyl-2-pentanone	43	8.186	8.196	(0.895)	182739	21.9181	16.3	
	82 trans-1,3-Dichloropropene	75	8.213	8.223	(0.898)	80692	21.0299	15.6	
	83 1,1,2-Trichloroethane	97	8.350	8.360	(0.913)	48811	21.2858	15.8	8963
	85 Dibromochloromethane	129	8.508	8.513	(0.931)	51064	20.9166	15.5	8678
	86 1,3-Dichloropropane	76	8.587	8.597	(0.939)	84308	21.2549	15.8	8627
	87 1,2-Dibromoethane(EDB)	107	8.714	8.719	(0.953)	52653	19.9655	14.8	8271
	88 2-Hexanone	43	8.899	8.909	(0.973)	148269	22.0333	16.4	7857
	89 1-Chlorohexane	91	9.126	9.136	(0.998)	37330	15.3271	11.4	5601(R)
*	90 Chlorobenzene-d5	82	9.142	9.146	(1.000)	161748	50.0000		8769
	91 Chlorobenzene ++	112	9.152	9.162	(1.001)	101334	19.7665	14.7	7450(R)
	92 Ethylbenzene +	91	9.168	9.178	(1.003)	177074	20.2666	15.1	7586
	93 1,1,1,2-Tetrachloroethane	133	9.210	9.215	(1.008)	36721	20.6501	15.3	7815
	95 p,m-Xylene	106	9.295	9.299	(1.017)	119252	39.8851	29.6	9358(R)
	96 o-Xylene	106	9.659	9.669	(1.057)	58303	19.8268	14.7	(R)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
99 Styrene	104	9.706	9.711	(1.062)	98934	19.4136	14.4	8774(R)
100 Bromoform ++	173	9.738	9.743	(1.065)	37199	18.8791	14.0	8309
101 Isopropylbenzene	105	9.923	9.927	(1.085)	124874	18.1964	13.5	9087(R)
$ 103 Bromofluorobenzene	174	10.171	10.181	(1.113)	115420	53.6250	39.8	8695
104 Bromobenzene	77	10.266	10.276	(0.922)	72484	20.4909	15.2	7072
105 n-Propylbenzene	91	10.271	10.281	(0.923)	153638	19.7575	14.7	7675(R)
106 1,1,2,2-Tetrachloroethane++	83	10.335	10.344	(0.928)	78161	23.9107	17.8	3334
107 2-Chlorotoluene	91	10.414	10.424	(0.935)	106418	19.2026	14.3	8942(RH)
108 1,3,5-Trimethylbenzene	105	10.435	10.439	(0.937)	99069	18.8670	14.0	(R)
109 1,2,3-Trichloropropane	75	10.461	10.466	(0.940)	88262	23.0263	17.1	3697(H)
110 trans-1,4-Dichloro-2-Butene	53	10.488	10.492	(0.942)	17981	21.9768	16.3	8756
111 4-Chlorotoluene	91	10.556	10.566	(0.948)	96380	19.6855	14.6	9007(R)
112 tert-butylbenzene	91	10.709	10.719	(0.962)	54365	18.2169	13.5	8869(R)
114 1,2,4-Trimethylbenzene	105	10.767	10.777	(0.967)	101573	19.3616	14.4	(R)
116 sec-Butylbenzene	105	10.862	10.867	(0.976)	114117	16.9434	12.6	(R)
117 p-Isopropyltoluene	119	10.978	10.983	(0.986)	87112	16.9514	12.6	7122(R)
120 1,3-Dichlorobenzene	146	11.068	11.073	(0.994)	48918	17.1350	12.7	(R)
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.136	(1.000)	104868	50.0000		8696
122 1,4-Dichlorobenzene	146	11.142	11.152	(1.001)	58753	18.4312	13.7	(R)
123 n-Butylbenzene	91	11.353	11.363	(1.020)	82393	16.3900	12.2	9155(R)
M 124 TOTAL XYLENE	106				177555	59.7118	44.4	0(R)
125 1,2-Dichlorobenzene	146	11.533	11.543	(1.036)	49969	17.4072	12.9	(R)
126 1,2-Dibromo-3-Chloropropane	157	12.361	12.371	(1.110)	13487	19.3650	14.4	5744
127 Hexachlorobutadiene	225	13.137	13.142	(1.180)	7676	8.22755	6.11	8917(R)
128 1,2,4-Trichlorobenzene	180	13.190	13.200	(1.185)	21991	13.1837	9.79	(R)
129 Napthalene	128	13.581	13.585	(1.220)	67726	15.8110	11.7	6501
130 1,2,3-Trichlorobenzene	180	13.781	13.786	(1.238)	20906	11.9417	8.87	(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060723.s.b/v4522ms.d

Page 1

Date : 23-JUL-2006 13:09

Client ID: SL8SB99-198-(1-2) M

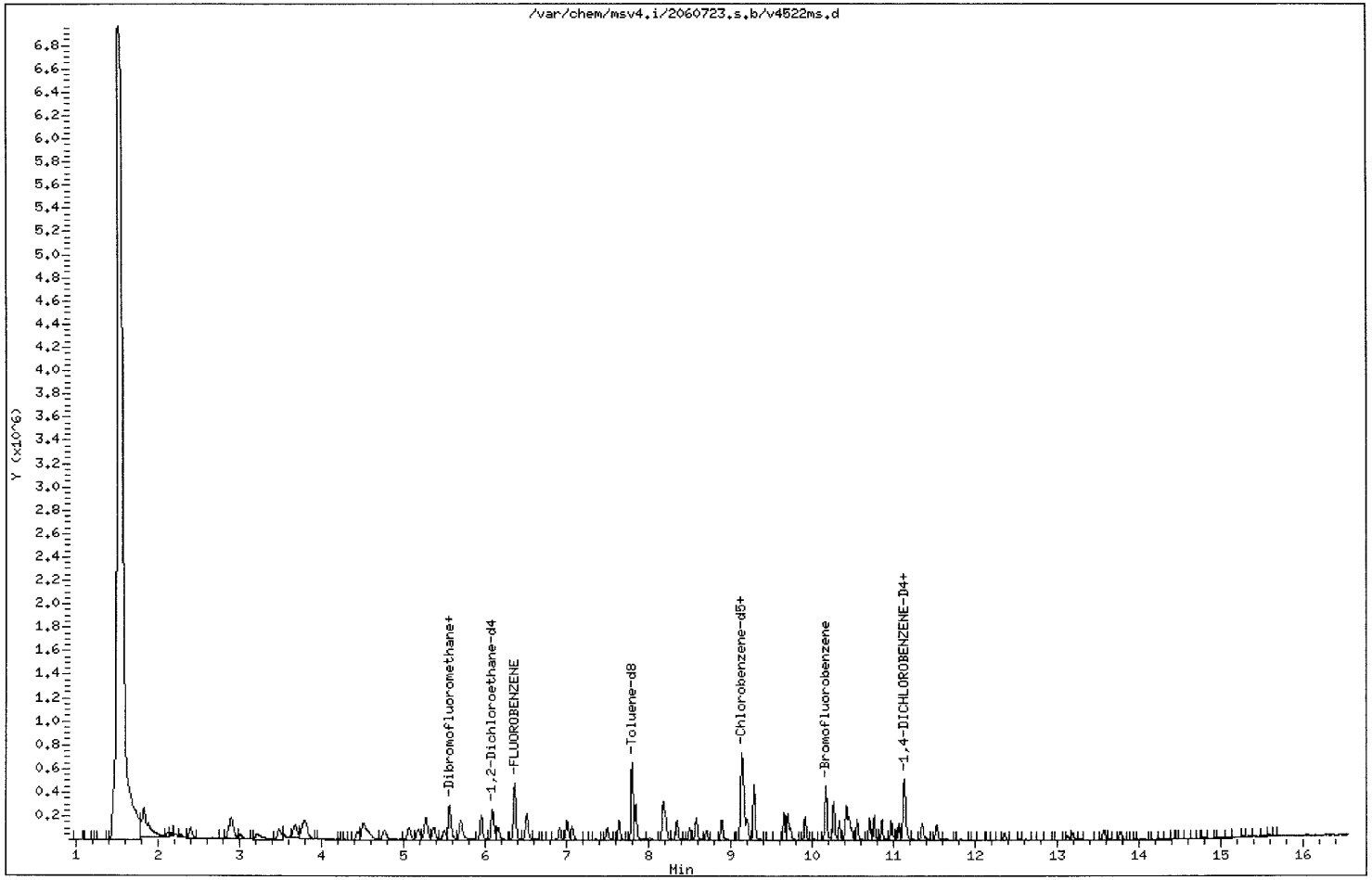
Instrument: msv4.i

Sample Info: 20607191625*SL8SB99-198-(1-2) MS

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



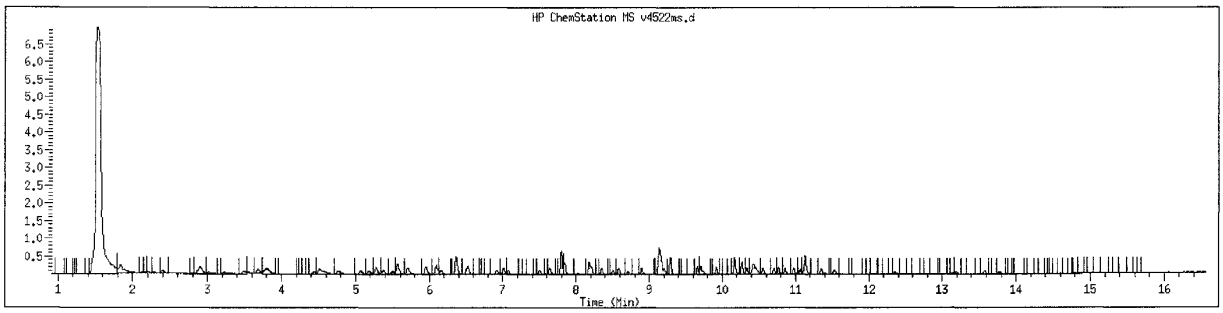
000652

188624

Data file : /var/chem/msv4.i/2060723.s.b/v4522ms.d Page: 1
Report Date: 07/24/2006 16:04

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607191625	SampleType	: MS
Injection Date	: 23-JUL-2006 13:09	Instrument	: msv4.i
Operator	: RSS		
Sample Info	: 20607191625*SL8SB99-198-(1-2) MS		
Misc Info	: MSV~8738~*1*RSS		
Method	: /var/chem/msv4.i/2060723.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



NO MANUAL INTEGRATIONS

188625

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SF3SB45-090-(1-2)MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 7.71 (g/ml) g Lab Sample ID: 20607200603

Level: (low/med) LOW Lab File ID: 2060723/V4524MS

% Moisture: not dec. 24.6 Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1357

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	15.8		0.151	4.30
71-55-6	1,1,1-Trichloroethane	17.6		0.106	4.30
79-34-5	1,1,2,2-Tetrachloroethane	17.5		0.155	4.30
79-00-5	1,1,2-Trichloroethane	15.8		0.098	4.30
75-34-3	1,1-Dichloroethane	17.1		0.137	4.30
75-35-4	1,1-Dichloroethene	19.5		0.309	4.30
563-58-6	1,1-Dichloropropene	17.6		0.112	4.30
96-18-4	1,2,3-Trichloropropane	16.6		0.211	1.72
120-82-1	1,2,4-Trichlorobenzene	12.5		0.281	4.30
95-63-6	1,2,4-Trimethylbenzene	16.8		0.170	4.30
96-12-8	1,2-Dibromo-3-chloropropane	17.8		0.744	4.30
106-93-4	1,2-Dibromoethane	15.5		0.129	4.30
95-50-1	1,2-Dichlorobenzene	14.8		0.098	4.30
107-06-2	1,2-Dichloroethane	15.8		0.098	4.30
78-87-5	1,2-Dichloropropane	15.6		0.096	4.30
108-67-8	1,3,5-Trimethylbenzene	17.4		0.140	4.30
541-73-1	1,3-Dichlorobenzene	15.1		0.203	4.30
142-28-9	1,3-Dichloropropane	16.0		0.117	4.30
106-46-7	1,4-Dichlorobenzene	14.6		0.362	4.30
594-20-7	2,2-Dichloropropane	18.7		0.151	4.30
78-93-3	2-Butanone	13.0		0.268	4.30
110-75-8	2-Chloroethylvinyl ether	4.30	U	1.81	4.30
95-49-8	2-Chlorotoluene	16.2		0.129	4.30
591-78-6	2-Hexanone	17.0		0.710	4.30
106-43-4	4-Chlorotoluene	16.0		0.279	4.30
99-87-6	4-Isopropyltoluene	16.8		0.138	4.30
108-10-1	4-Methyl-2-pentanone	16.4		0.149	4.30
67-64-1	Acetone	38.8		0.321	21.5
107-02-8	Acrolein	92.4		2.01	21.5
107-13-1	Acrylonitrile	86.2		0.612	21.5
71-43-2	Benzene	17.9		0.089	4.30

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SF3SB45-090-(1-2)MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 7.71 (g/ml) g

Lab Sample ID: 20607200603

Level: (low/med) LOW

Lab File ID: 2060723/V4524MS

% Moisture: not dec. 24.6

Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/23/06 Time: 1357

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	15.2		0.202	4.30
75-27-4	Bromodichloromethane	15.5		0.116	4.30
75-25-2	Bromoform	14.6		0.145	4.30
74-83-9	Bromomethane	14.4		1.29	4.30
104-51-8	n-Butylbenzene	16.3		0.153	4.30
75-15-0	Carbon disulfide	18.8		0.094	4.30
56-23-5	Carbon tetrachloride	19.6		0.103	4.30
108-90-7	Chlorobenzene	15.8		0.142	4.30
75-00-3	Chloroethane	19.0		0.521	4.30
67-66-3	Chloroform	16.2		0.121	4.30
74-87-3	Chloromethane	15.1		0.399	4.30
110-82-7	Cyclohexane	19.0		0.951	4.30
124-48-1	Dibromochloromethane	15.6		0.077	4.30
74-95-3	Dibromomethane	15.5		0.134	4.30
75-71-8	Dichlorodifluoromethane	21.1		0.313	4.30
10061-01-5	cis-1,3-Dichloropropene	15.4		0.099	4.30
10061-02-6	trans-1,3-Dichloropropene	15.8		0.121	4.30
100-41-4	Ethylbenzene	18.8		0.178	4.30
87-68-3	Hexachlorobutadiene	13.2		1.07	4.30
98-82-8	Isopropylbenzene (Cumene)	20.5		0.132	4.30
79-20-9	Methyl Acetate	21.2		1.31	4.30
74-88-4	Methyl iodide	15.9		0.779	4.30
108-87-2	Methylcyclohexane	17.8		0.318	4.30
75-09-2	Methylene chloride	13.1		0.412	8.60
91-20-3	Naphthalene	14.6		0.323	4.30
100-42-5	Styrene	15.9		0.131	4.30
127-18-4	Tetrachloroethene	19.2		0.165	4.30
108-88-3	Toluene	20.3		0.473	4.30
79-01-6	Trichloroethene	17.1		0.152	4.30
75-69-4	Trichlorofluoromethane	20.5		0.217	4.30
76-13-1	Trichlorotrifluoroethane	21.7		0.162	4.30
108-05-4	Vinyl acetate	17.9		0.842	4.30

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SF3SB45-090-(1-2)MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 7.71 (g/ml) g

Lab Sample ID: 20607200603

Level: (low/med) LOW

Lab File ID: 2060723/V4524MS

% Moisture: not dec. 24.6

Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/23/06 Time: 1357

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	19.4		0.302	4.30
1330-20-7	Xylene (total)	51.0		0.492	8.60
156-59-2	cis-1,2-Dichloroethene	17.5		0.108	4.30
136777-61-	m,p-Xylene	34.1		0.342	4.30
103-65-1	n-Propylbenzene	17.1		0.120	4.30
95-47-6	o-Xylene	17.0		0.150	4.30
135-98-8	sec-Butylbenzene	16.8		0.101	4.30
1634-04-4	tert-Butyl methyl ether (MTBE)	16.8		0.064	4.30
98-06-6	tert-Butylbenzene	17.4		0.217	4.30
156-60-5	trans-1,2-Dichloroethene	18.2		0.141	4.30
110-57-6	trans-1,4-Dichloro-2-butene	16.7		0.620	4.30

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Data file : /var/chem/msv4.i/2060723.s.b/v4524ms.d
Lab Smp Id: 20607200603 Client Smp ID: SF3SB45-090-(1-2) M
Inj Date : 23-JUL-2006 13:57
Operator : RSS Inst ID: msv4.i
Smp Info : 20607200603*SF3SB45-090-(1-2) MS
Misc Info : MSV~8738~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 24-Jul-2006 15:42 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 11 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	7.71000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.651	1.656	(0.259)	97956	24.5718	15.9	4428
2 Chloromethane ++	50	1.820	1.825	(0.286)	92597	17.5158	11.4	5380
3 Vinyl Chloride +	62	1.894	1.894	(0.297)	83576	22.5322	14.6	6451
5 Bromomethane	94	2.163	2.168	(0.340)	31916	16.8061	10.9	7538
7 Chloroethane	64	2.279	2.279	(0.358)	42074	21.9965	14.3	8672
8 Trichlorofluoromethane	101	2.406	2.406	(0.378)	90836	23.9643	15.5	9284
10 1,1-Dichloroethene +	96	2.881	2.881	(0.452)	42699	22.6381	14.7	7926
11 Carbon Disulfide	76	2.902	2.913	(0.456)	193866	21.9249	14.2	8248
12 1,1,2Trichlotrifluoroethane	101	2.923	2.928	(0.459)	66406	25.2271	16.4	8514
13 Methyl Iodide	142	3.018	3.023	(0.474)	48457	18.4530	12.0	7504
14 Acrolein	56	3.219	3.240	(0.505)	73234	107.515	69.7	3676
15 Methylene Chloride	49	3.493	3.504	(0.548)	95507	15.2348	9.88	8746(R)
17 Acetone	43	3.546	3.588	(0.557)	99982	45.1595	29.3	5314

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.672	3.683	(0.577)	81109	21.1645	13.7	7002
	19 Methyl Acetate	43	3.699	3.710	(0.581)	121762	24.7303	16.0	5693
	20 Hexane	57	3.778	3.789	(0.593)	138874	21.2388	13.8	8701
	21 MTBE	73	3.820	3.826	(0.600)	187249	19.5286	12.7	6344
	26 1,1-Dichloroethane ++	63	4.448	4.459	(0.698)	101047	19.9378	12.9	8887
	27 Acrylonitrile	53	4.517	4.538	(0.709)	264056	100.211	65.0	6628
	30 Vinyl Acetate	43	4.770	4.786	(0.749)	188082	20.8865	13.5	
	31 cis-1,2-Dichloroethene	61	5.071	5.077	(0.796)	85669	20.2842	13.2	7601
	33 2,2-Dichloropropane	77	5.182	5.193	(0.814)	74433	21.6789	14.1	6421
	35 Cyclohexane	56	5.277	5.282	(0.828)	98309	22.1004	14.3	6137
	37 Bromochloromethane	128	5.282	5.298	(0.829)	26030	18.3657	11.9	7013(R)
	39 Chloroform +	83	5.377	5.388	(0.844)	94557	18.8656	12.2	8773
	42 Carbon Tetrachloride	117	5.499	5.515	(0.863)	58139	22.8163	14.8	8399
$	44 Dibromofluoromethane	111	5.567	5.578	(0.874)	164736	49.4865	32.1	5440
	45 1,1,1-Trichloroethane	97	5.578	5.589	(0.876)	71192	20.4708	13.3	9235
	46 2-Butanone	43	5.710	5.731	(0.896)	128755	15.1258	9.81	
	47 1,1-Dichloropropene	75	5.710	5.721	(0.896)	66658	20.4755	13.3	8328
	53 Benzene	78	5.958	5.969	(0.935)	198408	20.7520	13.5	8377
$	54 1,2-Dichloroethane-d4	67	6.101	6.106	(0.958)	110220	48.7987	31.6	9413
	55 1,2-Dichloroethane	62	6.164	6.175	(0.968)	94848	18.3100	11.9	8367(R)
*	58 FLUOROBENZENE	96	6.370	6.380	(1.000)	483906	50.0000		9390
	59 Methyl cyclohexane	83	6.517	6.523	(1.023)	72075	20.5869	13.4	8977
	60 Trichloroethene	130	6.528	6.539	(1.025)	47119	19.9349	12.9	8897
	62 Dibromomethane	93	6.919	6.935	(1.086)	45119	18.0841	11.7	8829(R)
	64 1,2-Dichloropropane +	63	7.014	7.024	(1.101)	58208	18.1620	11.8	9055(R)
M	65 Total 1,2-Dichloroethene	61				166778	41.4059	26.9	0
	67 Bromodichloromethane	83	7.077	7.088	(1.111)	74173	18.0612	11.7	9112(R)
	71 1-Bromo-2-chloroethane	144	7.505	7.515	(1.178)	8339	17.1090	11.1	8783
	74 cis-1,3-Dichloropropene	75	7.642	7.652	(1.200)	85714	17.8996	11.6	(R)
M	75 1-3 Dichloropropene-Total	100				172012	35.5300	23.0	0
$	76 Toluene-d8	98	7.805	7.811	(0.854)	448414	58.2181	37.8	9392
	77 Toluene +	91	7.848	7.858	(0.859)	213737	23.6413	15.3	9102
	80 Tetrachloroethene	164	8.185	8.191	(0.895)	34108	22.3151	14.5	8920
	81 4-methyl-2-pentanone	43	8.185	8.196	(0.895)	194713	19.0795	12.4	
	82 trans-1,3-Dichloropropene	75	8.217	8.223	(0.899)	86298	18.3742	11.9	(R)
	83 1,1,2-Trichloroethane	97	8.354	8.360	(0.914)	51440	18.3262	11.9	8986(R)
	85 Dibromochloromethane	129	8.502	8.513	(0.930)	54270	18.1609	11.8	8564(R)
	86 1,3-Dichloropropane	76	8.587	8.597	(0.939)	90676	18.6760	12.1	8707(R)
	87 1,2-Dibromoethane(EDB)	107	8.708	8.719	(0.953)	58199	18.0290	11.7	8177(R)
	88 2-Hexanone	43	8.898	8.909	(0.973)	162518	19.7894	12.8	7856
	89 1-Chlorohexane	91	9.125	9.136	(0.998)	51937	17.4213	11.3	6446(R)
*	90 Chlorobenzene-d5	82	9.141	9.146	(1.000)	197988	50.0000		8683
	91 Chlorobenzene ++	112	9.151	9.162	(1.001)	115454	18.3986	11.9	7095(R)
	92 Ethylbenzene +	91	9.172	9.178	(1.003)	233647	21.8467	14.2	7459
	93 1,1,1,2-Tetrachloroethane	133	9.204	9.215	(1.007)	39950	18.3538	11.9	8122(R)
	95 p,m-Xylene	106	9.294	9.299	(1.017)	145033	39.6289	25.7	9405(R)
	96 o-Xylene	106	9.658	9.669	(1.057)	71065	19.7432	12.8	(R)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
99 Styrene	104	9.706	9.711	(1.062)	115228	18.4722	12.0	8699(R)
100 Bromoform ++	173	9.737	9.743	(1.065)	40896	16.9563	11.0	7754(R)
101 Isopropylbenzene	105	9.922	9.927	(1.085)	200690	23.8912	15.5	9164
$ 103 Bromofluorobenzene	174	10.175	10.181	(1.113)	140258	53.2370	34.5	8867
104 Bromobenzene	77	10.265	10.276	(0.922)	83937	17.7150	11.5	7029(R)
105 n-Propylbenzene	91	10.270	10.281	(0.923)	207910	19.9607	12.9	7787(R)
106 1,1,2,2-Tetrachloroethane++	83	10.339	10.344	(0.929)	89067	20.3417	13.2	3482
107 2-Chlorotoluene	91	10.418	10.424	(0.936)	139105	18.7394	12.2	8656(RH)
108 1,3,5-Trimethylbenzene	105	10.434	10.439	(0.937)	142037	20.1946	13.1	
109 1,2,3-Trichloropropane	75	10.460	10.466	(0.940)	99284	19.3374	12.5	3774
110 trans-1,4-Dichloro-2-Butene	53	10.487	10.492	(0.942)	21246	19.3864	12.6	8778
111 4-Chlorotoluene	91	10.561	10.566	(0.949)	122322	18.6523	12.1	9078(R)
112 tert-butylbenzene	91	10.714	10.719	(0.963)	80574	20.1567	13.1	9077
114 1,2,4-Trimethylbenzene	105	10.772	10.777	(0.968)	137474	19.5637	12.7	(R)
116 sec-Butylbenzene	105	10.862	10.867	(0.976)	177298	19.6528	12.7	(R)
117 p-Isopropyltoluene	119	10.978	10.983	(0.986)	134508	19.5409	12.7	7167(R)
120 1,3-Dichlorobenzene	146	11.067	11.073	(0.994)	66945	17.5066	11.4	(R)
* 121 1,4-DICHLOROBENZENE-D4	152	11.131	11.136	(1.000)	140467	50.0000		8954
122 1,4-Dichlorobenzene	146	11.141	11.152	(1.001)	72467	16.9719	11.0	(R)
123 n-Butylbenzene	91	11.352	11.363	(1.020)	127373	18.9162	12.3	9012(R)
M 124 TOTAL XYLENE	106				216098	59.3720	38.5	0(R)
125 1,2-Dichlorobenzene	146	11.537	11.543	(1.036)	66202	17.2175	11.2	(R)
126 1,2-Dibromo-3-Chloropropane	157	12.361	12.371	(1.110)	19311	20.6317	13.4	5766
127 Hexachlorobutadiene	225	13.142	13.142	(1.181)	19199	15.3632	9.96	8607(R)
128 1,2,4-Trichlorobenzene	180	13.189	13.200	(1.185)	32953	14.5654	9.45	(R)
129 Napthalene	128	13.580	13.585	(1.220)	99001	16.9573	11.0	6514
130 1,2,3-Trichlorobenzene	180	13.780	13.786	(1.238)	32255	13.7550	8.92	(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060723.s.b/v4524ms.d

Page 1

Date : 23-JUL-2006 13:57

Client ID: SF3SB45-090-(1-2) M

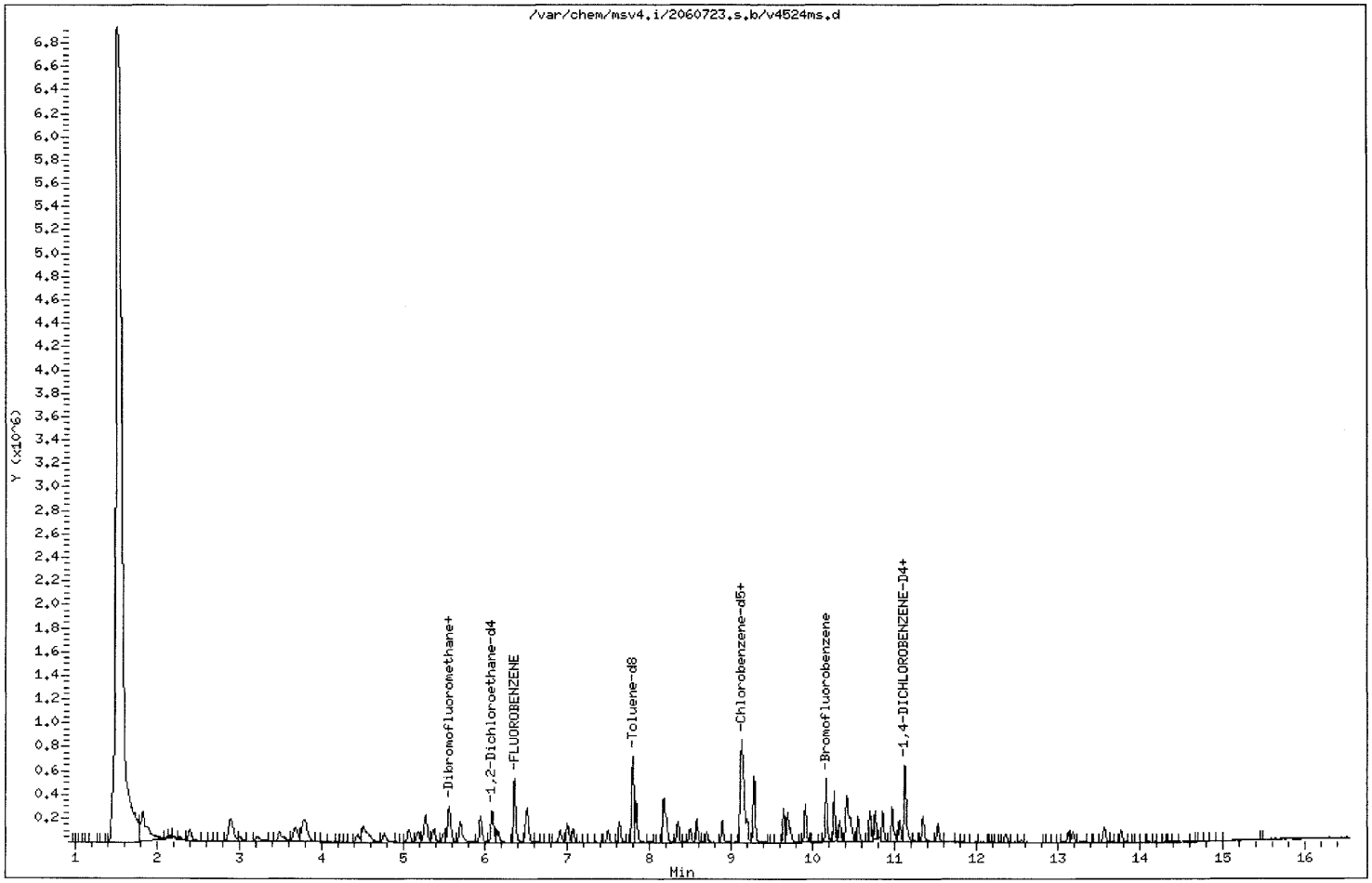
Instrument: msv4.i

Sample Info: 20607200603*SF3SB45-090-(1-2) MS

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



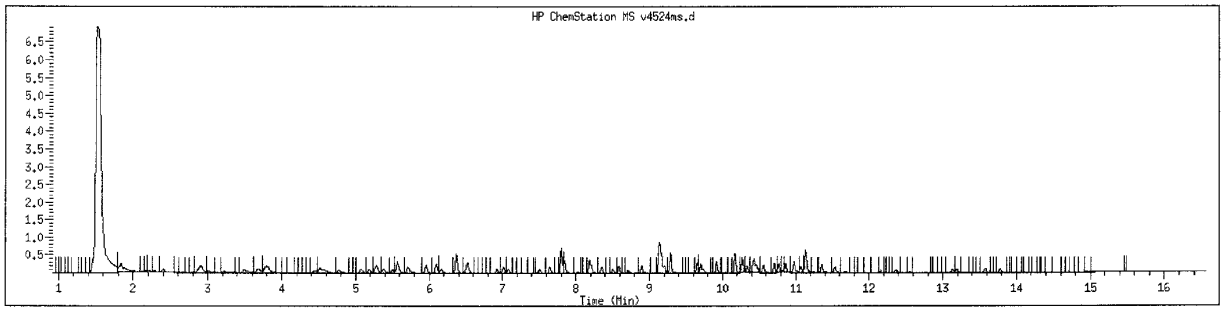
000660

188632

Data file : /var/chem/msv4.i/2060723.s.b/v4524ms.d Page: 1
Report Date: 07/24/2006 16:11

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200603	SampleType	: MS
Injection Date	: 23-JUL-2006 13:57	Instrument	: msv4.i
Operator	: RSS		
Sample Info	: 20607200603*SF3SB45-090-(1-2) MS		
Misc Info	: MSV~8738~*1*RSS		
Method	: /var/chem/msv4.i/2060723.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



NO MANUAL INTEGRATIONS

188633

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SH6SB67-134-(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g

Lab Sample ID: 20607201205

Level: (low/med) LOW

Lab File ID: 2060727P/G6621MS

% Moisture: not dec. 22.1

Date Collected: 07/19/06 Time: 0920

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/28/06 Time: 0136

Soil Extract Volume: (µL)

Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	1390		18.4	1230
107-02-8	Acrolein	4300		115	1230
107-13-1	Acrylonitrile	6000		35.0	1230
75-27-4	Bromodichloromethane	1190		6.64	246
75-25-2	Bromoform	945		8.31	246
74-83-9	Bromomethane	1000		74.0	246
75-15-0	Carbon disulfide	1180		5.36	246
56-23-5	Carbon tetrachloride	1270		5.90	246
75-00-3	Chloroethane	989		29.8	246
136777-61-	m,p-Xylene	2530		19.6	246
67-66-3	Chloroform	1260		6.93	246
74-87-3	Chloromethane	1060		22.8	246
124-48-1	Dibromochloromethane	1070		4.42	246
74-95-3	Dibromomethane	1170		7.67	246
75-71-8	Dichlorodifluoromethane	994		17.9	246
75-34-3	1,1-Dichloroethane	1190		7.82	246
107-06-2	1,2-Dichloroethane	1300		5.60	246
156-59-2	cis-1,2-Dichloroethene	1300		6.19	246
156-60-5	trans-1,2-Dichloroethene	1350		8.06	246
75-09-2	Methylene chloride	1300		23.5	492
78-87-5	1,2-Dichloropropane	1240		5.51	246
10061-01-5	cis-1,3-Dichloropropene	1220		5.65	246
10061-02-6	trans-1,3-Dichloropropene	1160		6.93	246
100-41-4	Ethylbenzene	1180		10.2	246
591-78-6	2-Hexanone	839		40.6	246
98-82-8	Isopropylbenzene (Cumene)	1230		7.52	246
78-93-3	2-Butanone	1130		15.3	246
74-88-4	Methyl iodide	1350		44.5	246
108-10-1	4-Methyl-2-pentanone	931		8.51	246
103-65-1	n-Propylbenzene	1230		6.88	246
100-42-5	Styrene	1190		7.47	246

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SH6SB67-134-(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g Lab Sample ID: 20607201205

Level: (low/med) LOW Lab File ID: 2060727P/G6621MS

% Moisture: not dec. 22.1 Date Collected: 07/19/06 Time: 0920

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/28/06 Time: 0136

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1160		9.44	246
630-20-6	1,1,1,2-Tetrachloroethane	1140		8.65	246
79-34-5	1,1,2,2-Tetrachloroethane	917		8.85	246
120-82-1	1,2,4-Trichlorobenzene	1300		16.1	246
71-55-6	1,1,1-Trichloroethane	1270		6.05	246
79-00-5	1,1,2-Trichloroethane	1120		5.60	246
75-69-4	Trichlorofluoromethane	461		12.4	246
96-18-4	1,2,3-Trichloropropane	964		12.0	98.3
95-63-6	1,2,4-Trimethylbenzene	1240		9.73	246
108-67-8	1,3,5-Trimethylbenzene	1240		8.01	246
75-01-4	Vinyl chloride	1300		17.3	246
95-47-6	o-Xylene	1230		8.55	246
96-12-8	1,2-Dibromo-3-chloropropane	799		42.6	246
106-93-4	1,2-Dibromoethane	1060		7.37	246
108-05-4	Vinyl acetate	1180		48.1	246
1634-04-4	tert-Butyl methyl ether (MTBE)	1080		3.64	246
99-87-6	4-Isopropyltoluene	1180		7.92	246
1330-20-7	Xylene (total)	3760		28.1	492
108-87-2	Methylcyclohexane	1210		18.2	246
110-57-6	trans-1,4-Dichloro-2-butene	972		35.4	246
110-82-7	Cyclohexane	1140		54.4	246
594-20-7	2,2-Dichloropropane	1250		8.65	246
79-20-9	Methyl Acetate	2480		75.2	246
76-13-1	Trichlorotrifluoroethane	1070		9.24	246
563-58-6	1,1-Dichloropropene	1160		6.39	246
110-75-8	2-Chloroethylvinyl ether	1490		103	246
142-28-9	1,3-Dichloropropane	1130		6.69	246
108-86-1	Bromobenzene	1160		11.6	246
95-49-8	2-Chlorotoluene	1230		7.37	246
106-43-4	4-Chlorotoluene	1210		16.0	246
98-06-6	tert-Butylbenzene	1170		12.4	246
135-98-8	sec-Butylbenzene	1210		5.75	246

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SH6SB67-134-(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g Lab Sample ID: 20607201205

Level: (low/med) LOW Lab File ID: 2060727P/G6621MS

% Moisture: not dec. 22.1 Date Collected: 07/19/06 Time: 0920

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/28/06 Time: 0136

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	1210		11.6	246
106-46-7	1,4-Dichlorobenzene	1190		20.7	246
104-51-8	n-Butylbenzene	1250		8.75	246
95-50-1	1,2-Dichlorobenzene	1210		5.60	246
87-68-3	Hexachlorobutadiene	1200		61.2	246
91-20-3	Naphthalene	1340		18.5	246
75-35-4	1,1-Dichloroethene	1280		17.6	246
71-43-2	Benzene	1210		5.11	246
79-01-6	Trichloroethene	1240		8.70	246
108-88-3	Toluene	1070		27.0	246
108-90-7	Chlorobenzene	1160		8.11	246

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6621ms.d
Lab Smp Id: 20607201205 Client Smp ID: SH6SB67-134-(1-2) M
Inj Date : 28-JUL-2006 01:36
Operator : KCB Inst ID: msv5.i
Smp Info : 20607201205*SH6SB67-134-(1-2) MS
Misc Info : MSV~8768~*50*RSS
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 17-Aug-2006 07:36 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 3 QC Sample: MS
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	6.53000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	1 Dichlorodifluoromethane	85	1.407	1.413	(0.259)	93588	20.2092	774	
	2 Chloromethane ++	50	1.571	1.571	(0.289)	129695	21.4919	823	
	3 Vinyl Chloride +	62	1.635	1.641	(0.301)	105407	26.3433	1010	
	5 Bromomethane	94	1.904	1.910	(0.350)	45263	20.4178	782	
M	6 1-3 Dichloropropene-Total	100				290525	49.3105	1890	0
	8 Chloroethane	64	1.998	2.004	(0.368)	7909	20.1086	770	
	9 Trichlorofluoromethane	101	2.098	2.145	(0.386)	30448	9.38303	359	(R)
	11 1,1-Dichloroethene +	96	2.583	2.619	(0.475)	44644	26.2065	1000	
	12 Carbon Disulfide	76	2.601	2.642	(0.478)	204769	23.9689	918	
	13 1,1,2Trichlotrifluoroethane	101	2.636	2.671	(0.485)	53158	21.7086	831	(H)
	14 Methyl Iodide	142	2.730	2.760	(0.502)	102004	27.3253	1050	
	15 Acrolein	56	2.964	2.970	(0.545)	29645	87.5846	3350	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	17 Methylene Chloride	49	3.216	3.228	(0.592)	93867	26.2521	1010	
	18 Acetone	43	3.292	3.292	(0.606)	26108	28.0862	1080	
	19 trans-1,2-Dichloroethene	61	3.374	3.397	(0.621)	82422	27.5036	1050	
	20 Methyl Acetate	43	3.432	3.421	(0.631)	121992	50.4582	1930	6915(RM)
	21 Hexane	57	3.462	3.480	(0.637)	123386	24.7537	948	0(M)
	22 MTBE	73	3.520	3.521	(0.648)	149954	21.8809	838	7009
	27 1,1-Dichloroethane ++	63	3.971	3.983	(0.730)	125398	24.2674	929	
	29 Acrylonitrile	53	4.029	4.030	(0.741)	186445	122.047	4670	
	30 Vinyl Acetate	43	4.211	4.211	(0.775)	181708	23.9443	917	
	31 cis-1,2-Dichloroethene	61	4.439	4.451	(0.817)	119673	26.4194	1010	
	32 2,2-Dichloropropane	77	4.533	4.539	(0.834)	102495	25.3505	971	
	33 Bromochloromethane	128	4.603	4.616	(0.847)	40696	25.2836	968	
	34 Cyclohexane	56	4.597	4.610	(0.846)	128523	23.1221	885	6259
	35 Chloroform +	83	4.673	4.674	(0.860)	140723	25.6296	981	
	36 Carbon Tetrachloride	117	4.773	4.780	(0.878)	96202	25.8423	989	
$	39 Dibromofluoromethane	111	4.820	4.821	(0.887)	206553	56.4996	2160	4088
	40 1,1,1-Trichloroethane	97	4.832	4.833	(0.889)	103100	25.8694	990	
	42 2-Butanone	43	4.926	4.921	(0.906)	53487	23.0464	882	
	43 1,1-Dichloropropene	75	4.926	4.933	(0.906)	105642	23.6744	906	
	45 Benzene	78	5.119	5.126	(0.942)	306254	24.5711	941	
$	48 1,2-Dichloroethane-d4	67	5.225	5.232	(0.961)	118621	57.7160	2210	
	49 1,2-Dichloroethane	62	5.278	5.279	(0.971)	112908	26.3702	1010	
*	52 FLUOROBENZENE	96	5.436	5.437	(1.000)	664616	50.0000		
	53 Methyl Cyclohexane	83	5.547	5.554	(1.020)	133651	24.6397	943	8976
	54 Trichloroethene	130	5.559	5.566	(1.023)	78298	25.1533	963	
	57 Dibromomethane	93	5.869	5.871	(1.080)	66434	23.8910	915	
	59 1,2-Dichloropropane +	63	5.939	5.941	(1.093)	92506	25.1465	963	
	60 Bromodichloromethane	83	5.986	5.988	(1.101)	116939	24.2051	927	
M	61 Total 1,2-Dichloroethene	61				202095	53.9230	2060	
	64 1-Bromo-2-chloroethane	63	6.326	6.327	(1.164)	149159	23.8914	915	7205
	65 2-Chloroethyl vinyl ether	63	6.379	6.380	(1.173)	76718	30.3191	1160	
	66 cis-1,3-Dichloropropene	75	6.426	6.427	(1.182)	152243	24.8218	950	
$	67 Toluene-d8	98	6.555	6.556	(0.860)	640546	52.3373	2000	
	69 Toluene +	91	6.590	6.592	(0.865)	347203	21.8321	836	
	71 4-methyl-2-pentanone	43	6.853	6.843	(1.261)	102460	18.9460	725	
	72 Tetrachloroethene	164	6.859	6.861	(0.900)	66471	23.5871	903	
	73 trans-1,3-Dichloropropene	75	6.877	6.873	(0.902)	138282	23.6554	906	
	75 1,1,2-Trichloroethane	97	6.988	6.984	(0.917)	82822	22.8283	874	
	76 Dibromochloromethane	129	7.117	7.113	(0.934)	91487	21.6990	831	
	77 1,3-Dichloropropane	76	7.176	7.178	(0.942)	142792	23.0088	881	
	79 1,2-Dibromoethane(EDB)	107	7.281	7.284	(0.955)	90690	21.5136	824	
	80 2-Hexanone	43	7.410	7.407	(0.972)	70373	17.0458	653	(M)
	82 1-Chlorohexane	91	7.597	7.600	(0.997)	153642	25.1960	965	9466
*	83 CHLOROBENZENE-d5	82	7.621	7.623	(1.000)	300810	50.0000		
	84 Chlorobenzene ++	112	7.633	7.629	(1.002)	218288	23.5435	901	
	85 Ethylbenzene +	106	7.639	7.641	(1.002)	119665	23.9271	916	
	86 1,1,1,2-Tetrachloroethane	133	7.668	7.671	(1.006)	74473	23.1789	887	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	87 p,m-Xylene	106	7.733	7.736	(1.015)	298280	51.3801	1970	
	89 o-Xylene	106	8.032	8.034	(1.054)	146122	25.0557	959	
	90 Styrene	104	8.067	8.064	(1.058)	259137	24.1874	926	
	91 Bromoform ++	173	8.102	8.099	(1.063)	60365	19.2352	736	
	93 Isopropylbenzene	105	8.237	8.240	(1.081)	369151	24.9239	954	(H)
$	94 Bromofluorobenzene	174	8.448	8.445	(1.108)	205181	52.0163	1990	
	95 n-Propylbenzene	91	8.518	8.521	(0.926)	505476	24.9748	956	
	96 Bromobenzene	77	8.524	8.527	(0.927)	188872	23.6319	905	
	97 1,1,2,2-Tetrachloroethane++	83	8.571	8.569	(0.932)	115874	18.6423	714	(R)
	98 2-Chlorotoluene	91	8.642	8.645	(0.940)	332789	24.9687	956	
	99 1,3,5-Trimethylbenzene	105	8.642	8.645	(0.940)	324645	25.2929	968	
	100 1,2,3-Trichloropropane	75	8.677	8.675	(0.944)	133151	19.6152	751	
	101 trans-1,4-Dichloro-2-Butene	53	8.689	8.687	(0.945)	25335	19.7663	757	
	103 4-Chlorotoluene	91	8.754	8.757	(0.952)	304104	24.7145	946	(H)
	104 tert-butylbenzene	91	8.871	8.869	(0.965)	191673	23.7499	909	
	106 1,2,4-Trimethylbenzene	105	8.912	8.916	(0.969)	332952	25.2627	967	
	107 sec-Butylbenzene	105	8.989	8.987	(0.978)	452075	24.5748	941	
	108 p-Isopropyltoluene	119	9.071	9.069	(0.987)	348736	23.9721	918	
	110 1,3-Dichlorobenzene	146	9.147	9.151	(0.995)	184678	24.6028	942	
*	111 1,4-DICHLOROBENZENE-D4	152	9.194	9.199	(1.000)	253909	50.0000		
	112 1,4-Dichlorobenzene	146	9.206	9.205	(1.001)	190086	24.2238	927	
	115 n-Butylbenzene	91	9.347	9.345	(1.017)	397396	25.5017	976	
	116 1,2-Dichlorobenzene	146	9.482	9.486	(1.031)	184309	24.5416	940	
	120 1,2-Dibromo-3-Chloropropane	157	9.985	9.990	(1.086)	21015	16.2398	622	
	122 Hexachlorobutadiene	225	10.372	10.371	(1.128)	67604	24.4680	937	
	123 1,2,4-Trichlorobenzene	180	10.401	10.407	(1.131)	129068	26.2916	1010	
M	124 TOTAL XYLENE	106				444402	76.4358	2930	
	125 Naphthalene	128	10.618	10.624	(1.155)	321244	27.1130	1040	
	126 1,2,3-Trichlorobenzene	180	10.742	10.747	(1.168)	120776	24.8122	950	

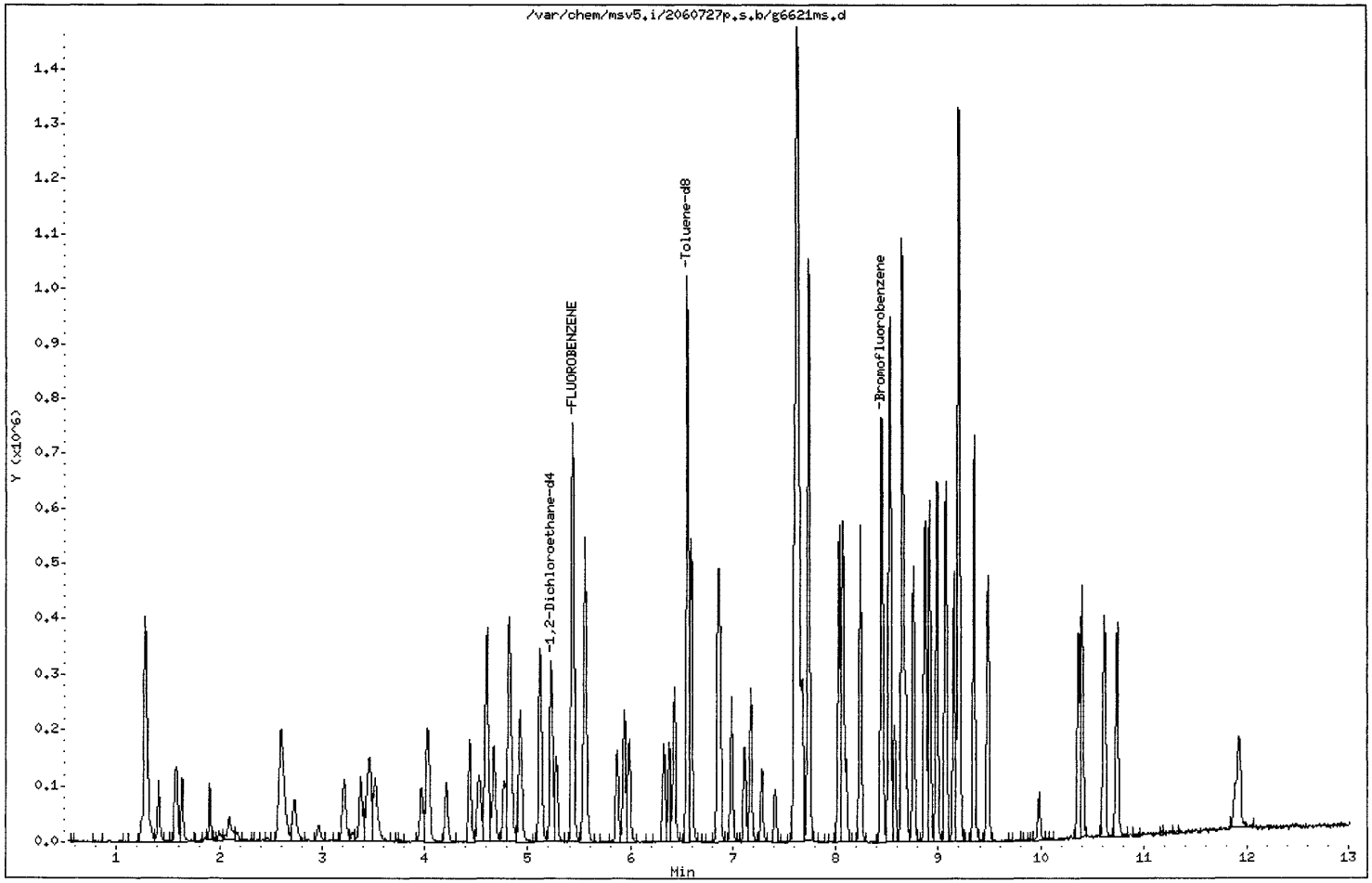
QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060727p.s.b/g6621ms.d
Date : 28-JUL-2006 01:36
Client ID: SH6SB67-134-(1-2) M
Sample Info: 20607201205MSH6SB67-134-(1-2) MS
Purge Volume: 5.0
Column phase: DB-VRX-30M

Instrument: msv5.i

Operator: KCB
Column diameter: 0.53



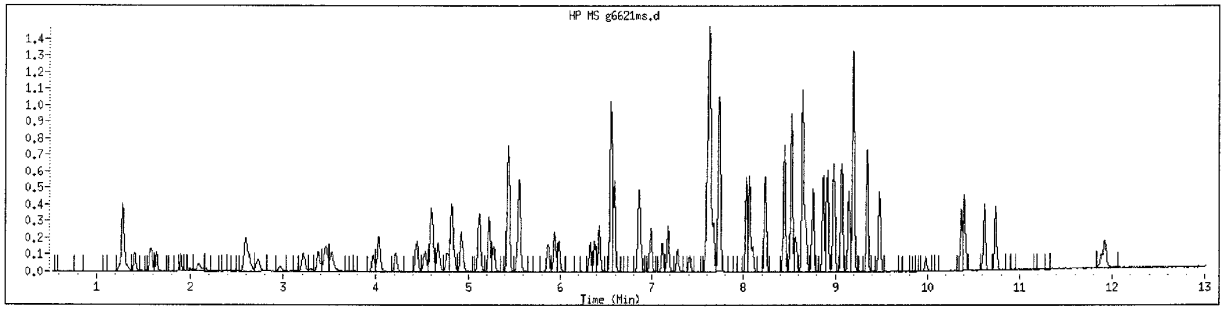
000668

188640

Data file : /var/chem/msv5.i/2060727p.s.b/g6621ms.d Page: 1
Report Date: 07/30/2006 19:24

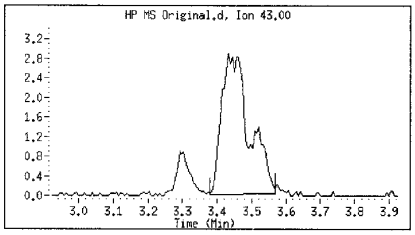
MANUAL INTEGRATION GRAPHIC REPORT

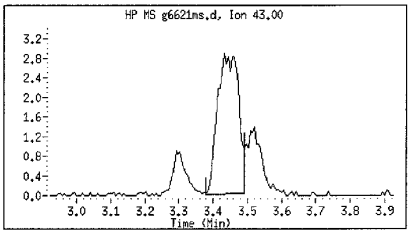
Lab ID : 20607201205 SampleType : MS
Injection Date: 28-JUL-2006 01:36 Instrument : msv5.i
Operator : KCB
Sample Info : 20607201205*SH6SB67-134-(1-2) MS
Misc Info : MSV~8768~*50*RSS
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Dilution : 50.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



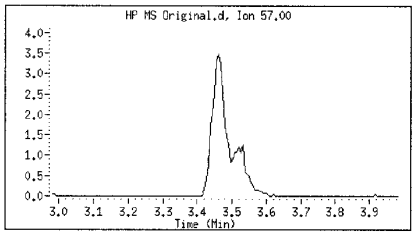
Original Final

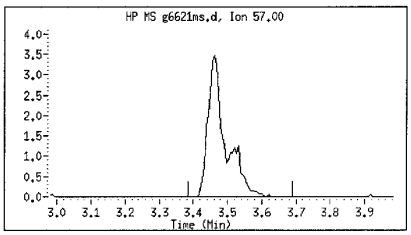
20 Methyl Acetate CAS#: 79-20-9





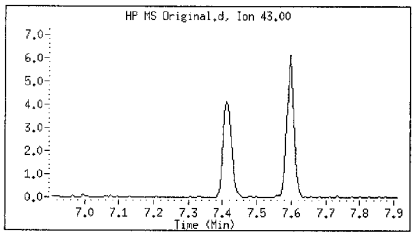
21 Hexane CAS#: 110-54-3

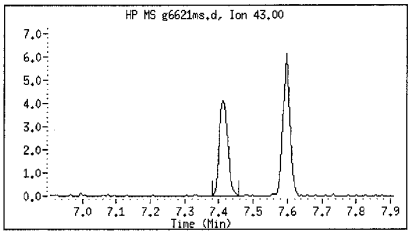




Original Final

80 2-Hexanone CAS#: 591-78-6





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SG3SB55-110 -(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.52 (g/ml) g

Lab Sample ID: 20607201222

Level: (low/med) LOW

Lab File ID: 2060727P/G6623MS

% Moisture: not dec. 25.7

Date Collected: 07/18/06 Time: 1600

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/28/06 Time: 0226

Soil Extract Volume: (µL)

Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	1230	J	19.3	1290
107-02-8	Acrolein	4390		121	1290
107-13-1	Acrylonitrile	6390		36.7	1290
75-27-4	Bromodichloromethane	1300		6.96	258
75-25-2	Bromoform	1110		8.72	258
74-83-9	Bromomethane	1130		77.6	258
75-15-0	Carbon disulfide	1340		5.62	258
56-23-5	Carbon tetrachloride	1360		6.19	258
75-00-3	Chloroethane	1160		31.3	258
136777-61-	m,p-Xylene	2760		20.5	258
67-66-3	Chloroform	1320		7.27	258
74-87-3	Chloromethane	1160		23.9	258
124-48-1	Dibromochloromethane	1160		4.64	258
74-95-3	Dibromomethane	1240		8.05	258
75-71-8	Dichlorodifluoromethane	1060		18.8	258
75-34-3	1,1-Dichloroethane	1280		8.20	258
107-06-2	1,2-Dichloroethane	1360		5.88	258
156-59-2	cis-1,2-Dichloroethene	1390		6.50	258
156-60-5	trans-1,2-Dichloroethene	1470		8.46	258
75-09-2	Methylene chloride	1330		24.7	516
78-87-5	1,2-Dichloropropane	1350		5.78	258
10061-01-5	cis-1,3-Dichloropropene	1280		5.93	258
10061-02-6	trans-1,3-Dichloropropene	1230		7.27	258
100-41-4	Ethylbenzene	1290		10.7	258
591-78-6	2-Hexanone	959		42.6	258
98-82-8	Isopropylbenzene (Cumene)	1340		7.89	258
78-93-3	2-Butanone	1310		16.1	258
74-88-4	Methyl iodide	1490		46.7	258
108-10-1	4-Methyl-2-pentanone	975		8.92	258
103-65-1	n-Propylbenzene	1320		7.22	258
100-42-5	Styrene	1290		7.84	258

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SG3SB55-110 -(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.52 (g/ml) g Lab Sample ID: 20607201222

Level: (low/med) LOW Lab File ID: 2060727P/G6623MS

% Moisture: not dec. 25.7 Date Collected: 07/18/06 Time: 1600

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/28/06 Time: 0226

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1210		9.90	258
630-20-6	1,1,1,2-Tetrachloroethane	1250		9.08	258
79-34-5	1,1,2,2-Tetrachloroethane	1040		9.28	258
120-82-1	1,2,4-Trichlorobenzene	1430		16.9	258
71-55-6	1,1,1-Trichloroethane	1320		6.34	258
79-00-5	1,1,2-Trichloroethane	1230		5.88	258
75-69-4	Trichlorofluoromethane	459		13.0	258
96-18-4	1,2,3-Trichloropropane	1090		12.6	103
95-63-6	1,2,4-Trimethylbenzene	1310		10.2	258
108-67-8	1,3,5-Trimethylbenzene	1330		8.41	258
75-01-4	Vinyl chloride	1410		18.1	258
95-47-6	o-Xylene	1430		8.97	258
96-12-8	1,2-Dibromo-3-chloropropane	994		44.7	258
106-93-4	1,2-Dibromoethane	1180		7.74	258
108-05-4	Vinyl acetate	991		50.5	258
1634-04-4	tert-Butyl methyl ether (MTBE)	1120		3.82	258
99-87-6	4-Isopropyltoluene	1300		8.30	258
1330-20-7	Xylene (total)	4180		29.5	516
108-87-2	Methylcyclohexane	1350		19.1	258
110-57-6	trans-1,4-Dichloro-2-butene	1080		37.2	258
110-82-7	Cyclohexane	1300		57.0	258
594-20-7	2,2-Dichloropropane	1260		9.08	258
79-20-9	Methyl Acetate	2870		78.9	258
76-13-1	Trichlorotrifluoroethane	1250		9.70	258
563-58-6	1,1-Dichloropropene	1190		6.70	258
110-75-8	2-Chloroethylvinyl ether	1600		108	258
142-28-9	1,3-Dichloropropane	1220		7.01	258
108-86-1	Bromobenzene	1240		12.1	258
95-49-8	2-Chlorotoluene	1330		7.74	258
106-43-4	4-Chlorotoluene	1280		16.8	258
98-06-6	tert-Butylbenzene	1310		13.0	258
135-98-8	sec-Butylbenzene	1320		6.03	258

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SG3SB55-110 -(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.52 (g/ml) g Lab Sample ID: 20607201222

Level: (low/med) LOW Lab File ID: 2060727P/G6623MS

% Moisture: not dec. 25.7 Date Collected: 07/18/06 Time: 1600

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/28/06 Time: 0226

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	1280		12.2	258
106-46-7	1,4-Dichlorobenzene	1280		21.7	258
104-51-8	n-Butylbenzene	1360		9.18	258
95-50-1	1,2-Dichlorobenzene	1300		5.88	258
87-68-3	Hexachlorobutadiene	1200		64.2	258
91-20-3	Naphthalene	1550		19.4	258
75-35-4	1,1-Dichloroethene	1330		18.5	258
71-43-2	Benzene	1290		5.36	258
79-01-6	Trichloroethene	1360		9.13	258
108-88-3	Toluene	1190		28.4	258
108-90-7	Chlorobenzene	1300		8.51	258

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6623ms.d
Lab Smp Id: 20607201222 Client Smp ID: SG3SB55-110-(1-2) M
Inj Date : 28-JUL-2006 02:26
Operator : KCB Inst ID: msv5.i
Smp Info : 20607201222*SG3SB55-110-(1-2) MS
Misc Info : MSV~8768~*50*RSS
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 17-Aug-2006 07:36 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 5 QC Sample: MS
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	6.52000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	1 Dichlorodifluoromethane	85	1.407	1.413	(0.259)	91611	20.4839	785	
	2 Chloromethane ++	50	1.577	1.571	(0.290)	130815	22.4464	861	
	3 Vinyl Chloride +	62	1.641	1.641	(0.302)	105385	27.2719	1050	
	5 Bromomethane	94	1.904	1.910	(0.350)	46875	21.8949	840	
M	6 1,3 Dichloropropene-Total	100				279083	49.0485	1880	0
	8 Chloroethane	64	1.998	2.004	(0.368)	8500	22.3944	859	
	9 Trichlorofluoromethane	101	2.098	2.145	(0.386)	27909	8.90564	341	(R)
	11 1,1-Dichloroethene +	96	2.583	2.619	(0.475)	42458	25.8073	990	
	12 Carbon Disulfide	76	2.601	2.642	(0.478)	213702	25.9017	993	
	13 1,1,2Trichlotrifluoroethane	101	2.630	2.671	(0.484)	57469	24.3015	932	
	14 Methyl Iodide	142	2.730	2.760	(0.502)	104695	29.0409	1110	
	15 Acrolein	56	2.958	2.970	(0.544)	27766	84.9428	3260	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	17 Methylene Chloride	49	3.215	3.228	(0.592)	88907	25.7468	987	
	18 Acetone	43	3.309	3.292	(0.609)	21777	23.7763	912	
	19 trans-1,2-Dichloroethene	61	3.374	3.397	(0.621)	82501	28.5064	1090	
	20 Methyl Acetate	43	3.426	3.421	(0.630)	129837	55.6077	2130	8249(R)
	21 Hexane	57	3.456	3.480	(0.636)	118719	24.6621	946	0(M)
	22 MTBE	73	3.520	3.521	(0.648)	143921	21.7455	834	6897
	27 1,1-Dichloroethane ++	63	3.971	3.983	(0.730)	123913	24.8305	952	
	29 Acrylonitrile	53	4.029	4.030	(0.741)	182704	123.840	4750	
	30 Vinyl Acetate	43	4.216	4.211	(0.776)	140888	19.2237	737	
	31 cis-1,2-Dichloroethene	61	4.439	4.451	(0.817)	117054	26.7578	1030	
	32 2,2-Dichloropropane	77	4.532	4.539	(0.834)	95764	24.5258	940	
	33 Bromochloromethane	128	4.609	4.616	(0.848)	41432	26.6538	1020	
	34 Cyclohexane	56	4.597	4.610	(0.846)	135288	25.2024	966	6220
	35 Chloroform +	83	4.673	4.674	(0.860)	135678	25.5872	981	
	36 Carbon Tetrachloride	117	4.773	4.780	(0.878)	94801	26.3692	1010	
S	39 Dibromofluoromethane	111	4.820	4.821	(0.887)	197689	55.9929	2150	4069
	40 1,1,1-Trichloroethane	97	4.832	4.833	(0.889)	98701	25.6440	983	
	42 2-Butanone	43	4.926	4.921	(0.906)	56928	25.3991	974	
	43 1,1-Dichloropropene	75	4.926	4.933	(0.906)	99434	23.0735	885	
	45 Benzene	78	5.119	5.126	(0.942)	300679	24.9795	958	
S	48 1,2-Dichloroethane-d4	67	5.225	5.232	(0.961)	106983	53.8997	2070	
	49 1,2-Dichloroethane	62	5.277	5.279	(0.971)	109411	26.4598	1010	
*	52 FLUOROBENZENE	96	5.435	5.437	(1.000)	641851	50.0000		
	53 Methyl Cyclohexane	83	5.553	5.554	(1.022)	137277	26.2058	1000	8953
	54 Trichloroethene	130	5.559	5.566	(1.023)	79448	26.4280	1010	
	57 Dibromomethane	93	5.869	5.871	(1.080)	64733	24.1049	924	
	59 1,2-Dichloropropane +	63	5.939	5.941	(1.093)	92634	26.0744	1000	
	60 Bromodichloromethane	83	5.986	5.988	(1.101)	117224	25.1247	963	
M	61 Total 1,2-Dichloroethene	61				199555	55.2642	2120	
	64 1-Bromo-2-chloroethane	63	6.326	6.327	(1.164)	141582	23.4821	900	7207
	65 2-Chloroethyl vinyl ether	63	6.378	6.380	(1.173)	75693	30.9750	1190	
	66 cis-1,3-Dichloropropene	75	6.425	6.427	(1.182)	146696	24.7658	950	
S	67 Toluene-d8	98	6.554	6.556	(0.860)	630332	54.1737	2080	
	69 Toluene +	91	6.590	6.592	(0.865)	349295	23.1027	886	
	71 4-methyl-2-pentanone	43	6.853	6.843	(1.261)	98701	18.8982	725	
	72 Tetrachloroethene	164	6.859	6.861	(0.900)	63079	23.5443	903	
	73 trans-1,3-Dichloropropene	75	6.871	6.873	(0.902)	132387	23.8214	913	
	75 1,1,2-Trichloroethane	97	6.988	6.984	(0.917)	82026	23.7814	912	
	76 Dibromochloromethane	129	7.117	7.113	(0.934)	90507	22.5798	866	
	77 1,3-Dichloropropane	76	7.176	7.178	(0.942)	140085	23.7432	910	
	79 1,2-Dibromoethane(EDB)	107	7.281	7.284	(0.955)	91546	22.8429	876	
	80 2-Hexanone	43	7.410	7.407	(0.972)	72933	18.5820	713	(M)
	82 1-Chlorohexane	91	7.597	7.600	(0.997)	151695	26.1668	1000	9605
*	83 CHLOROBENZENE-d5	82	7.621	7.623	(1.000)	285979	50.0000		
	84 Chlorobenzene ++	112	7.633	7.629	(1.002)	222321	25.2221	967	
	85 Ethylbenzene +	106	7.638	7.641	(1.002)	118656	24.9558	957	
	86 1,1,1,2-Tetrachloroethane	133	7.674	7.671	(1.007)	74223	24.2991	932	

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
		Compounds								
	87	p,m-Xylene	106	7.738	7.736	(1.015)	294699	53.3959	2050	
	89	o-Xylene	106	8.031	8.034	(1.054)	153629	27.7091	1060	
	90	Styrene	104	8.066	8.064	(1.058)	255393	25.0741	961	
	91	Bromoform ++	173	8.102	8.099	(1.063)	64102	21.4853	824	
	93	Isopropylbenzene	105	8.236	8.240	(1.081)	365632	25.9666	996	(H)
S	94	Bromofluorobenzene	174	8.447	8.445	(1.108)	198791	53.0099	2030	
	95	n-Propylbenzene	91	8.524	8.521	(0.927)	493309	25.5814	981	
	96	Bromobenzene	77	8.524	8.527	(0.927)	183661	24.1186	925	
	97	1,1,2,2-Tetrachloroethane++	83	8.571	8.569	(0.932)	119747	20.2201	775	
	98	2-Chlorotoluene	91	8.647	8.645	(0.941)	326869	25.7398	987	
	99	1,3,5-Trimethylbenzene	105	8.641	8.645	(0.940)	314886	25.7483	987	
	100	1,2,3-Trichloropropane	75	8.677	8.675	(0.944)	136074	21.0392	807	
	101	trans-1,4-Dichloro-2-Butene	53	8.689	8.687	(0.945)	25664	21.0152	806	
	103	4-Chlorotoluene	91	8.753	8.757	(0.952)	291965	24.9037	955	(H)
	104	tert-butylbenzene	91	8.871	8.869	(0.965)	194950	25.3530	972	
	106	1,2,4-Trimethylbenzene	105	8.912	8.916	(0.969)	318145	25.3354	971	
	107	sec-Butylbenzene	105	8.988	8.987	(0.978)	449574	25.6498	984	
	108	p-Isopropyltoluene	119	9.070	9.069	(0.987)	349155	25.1903	966	
	110	1,3-Dichlorobenzene	146	9.153	9.151	(0.996)	177577	24.8291	952	
S	111	1,4-DICHLOROBENZENE-D4	152	9.194	9.199	(1.000)	241921	50.0000		
	112	1,4-Dichlorobenzene	146	9.206	9.205	(1.001)	186104	24.8916	954	
	115	n-Butylbenzene	91	9.347	9.345	(1.017)	391326	26.3566	1010	
	116	1,2-Dichlorobenzene	146	9.481	9.486	(1.031)	180125	25.1730	965	
	120	1,2-Dibromo-3-Chloropropane	157	9.985	9.990	(1.086)	23752	19.2644	739	
	122	Hexachlorobutadiene	225	10.365	10.371	(1.127)	61472	23.3511	895	
	123	1,2,4-Trichlorobenzene	180	10.401	10.407	(1.131)	128721	27.5202	1060	
M	124	TOTAL XYLENE	106				448328	81.1050	3110	
	125	Naphthalene	128	10.618	10.624	(1.155)	337957	29.9370	1150	
	126	1,2,3-Trichlorobenzene	180	10.742	10.747	(1.168)	121364	26.1685	1000	

QC Flag Legend

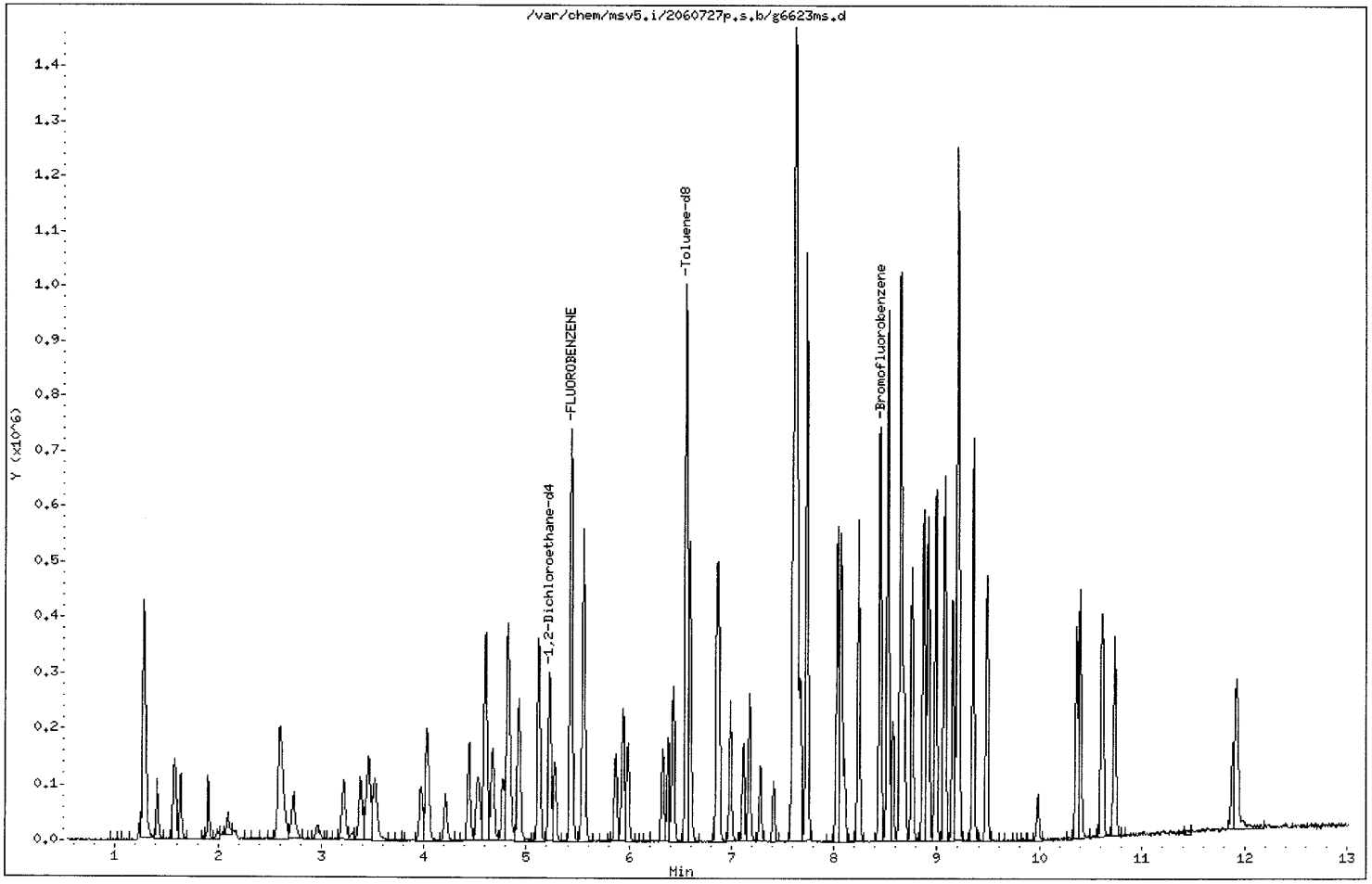
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060727p.s.b/g6623ms.d
Date : 28-JUL-2006 02:26
Client ID: SG3SB55-110-(1-2) M
Sample Info: 20607201222*SG3SB55-110-(1-2) MS
Purge Volume: 5.0
Column phase: DB-VRX-30M

Page 1

Instrument: msv5.i

Operator: KCB
Column diameter: 0.53



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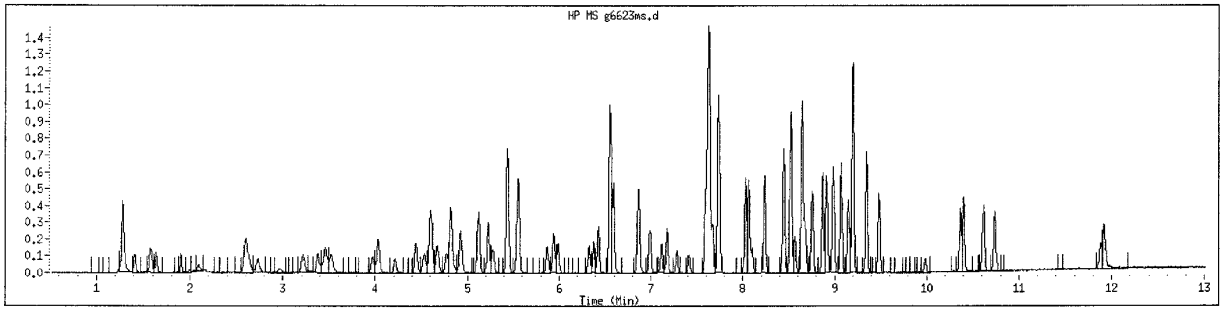
Data file : /var/chem/msv5.i/2060727p.s.b/g6623ms.d Page: 1
Report Date: 07/30/2006 19:25

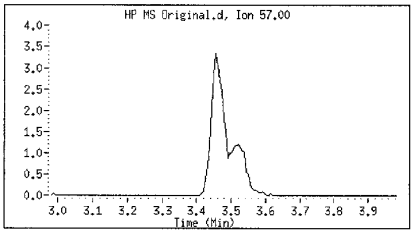
MANUAL INTEGRATION GRAPHIC REPORT

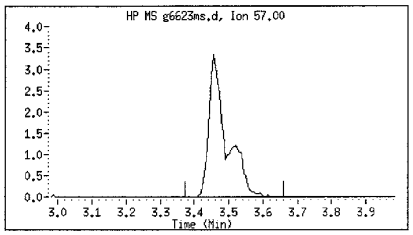
Lab ID : 20607201222 SampleType : MS
Injection Date: 28-JUL-2006 02:26 Instrument : msv5.i
Operator : KCB
Sample Info : 20607201222*SG3SB55-110-(1-2) MS
Misc Info : MSV~8768~*50*RSS
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Dilution : 50.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



Original Final

21 Hexane CAS#: 110-54-3





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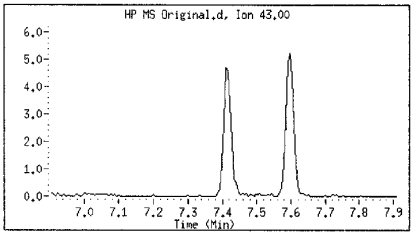
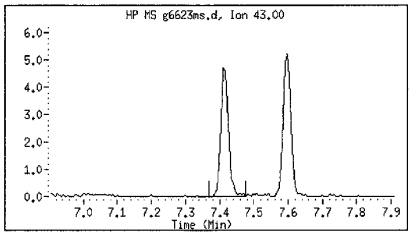




1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SD5SB35-070-(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 7.3 (g/ml) g

Lab Sample ID: 20607201905

Level: (low/med) LOW

Lab File ID: 2060723/V4526MS

% Moisture: not dec. 7.9

Date Collected: 07/19/06 Time: 1210

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/23/06 Time: 1446

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg

Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	35.1		0.278	18.6
107-02-8	Acrolein	73.7		1.74	18.6
107-13-1	Acrylonitrile	67.5		0.530	18.6
75-27-4	Bromodichloromethane	13.1		0.100	3.72
75-25-2	Bromoform	14.0		0.126	3.72
74-83-9	Bromomethane	12.7		1.12	3.72
75-15-0	Carbon disulfide	16.0		0.081	3.72
56-23-5	Carbon tetrachloride	17.4		0.089	3.72
75-00-3	Chloroethane	15.5		0.451	3.72
136777-61-	m,p-Xylene	28.6		0.296	3.72
67-66-3	Chloroform	13.8		0.105	3.72
74-87-3	Chloromethane	11.9		0.345	3.72
124-48-1	Dibromochloromethane	13.5		0.067	3.72
74-95-3	Dibromomethane	13.6		0.116	3.72
75-71-8	Dichlorodifluoromethane	16.5		0.271	3.72
75-34-3	1,1-Dichloroethane	13.5		0.118	3.72
107-06-2	1,2-Dichloroethane	12.9		0.085	3.72
156-59-2	cis-1,2-Dichloroethene	14.1		0.094	3.72
156-60-5	trans-1,2-Dichloroethene	15.0		0.122	3.72
75-09-2	Methylene chloride	10.7		0.356	7.44
78-87-5	1,2-Dichloropropane	12.4		0.083	3.72
10061-01-5	cis-1,3-Dichloropropene	13.2		0.086	3.72
10061-02-6	trans-1,3-Dichloropropene	13.8		0.105	3.72
100-41-4	Ethylbenzene	14.5		0.154	3.72
591-78-6	2-Hexanone	13.7		0.614	3.72
98-82-8	Isopropylbenzene (Cumene)	14.7		0.114	3.72
78-93-3	2-Butanone	12.5		0.232	3.72
74-88-4	Methyl iodide	15.6		0.674	3.72
108-10-1	4-Methyl-2-pentanone	14.0		0.129	3.72
103-65-1	n-Propylbenzene	14.4		0.104	3.72
100-42-5	Styrene	14.3		0.113	3.72

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SD5SB35-070-(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 7.3 (g/ml) g Lab Sample ID: 20607201905

Level: (low/med) LOW Lab File ID: 2060723/V4526MS

% Moisture: not dec. 7.9 Date Collected: 07/19/06 Time: 1210

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1446

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	16.6		0.143	3.72
630-20-6	1,1,1,2-Tetrachloroethane	14.3		0.131	3.72
79-34-5	1,1,2,2-Tetrachloroethane	15.2		0.134	3.72
120-82-1	1,2,4-Trichlorobenzene	13.2		0.243	3.72
71-55-6	1,1,1-Trichloroethane	14.5		0.091	3.72
79-00-5	1,1,2-Trichloroethane	12.9		0.085	3.72
75-69-4	Trichlorofluoromethane	16.5		0.187	3.72
96-18-4	1,2,3-Trichloropropane	14.3		0.182	1.49
95-63-6	1,2,4-Trimethylbenzene	14.9		0.147	3.72
108-67-8	1,3,5-Trimethylbenzene	14.5		0.121	3.72
75-01-4	Vinyl chloride	15.5		0.261	3.72
95-47-6	o-Xylene	15.0		0.129	3.72
96-12-8	1,2-Dibromo-3-chloropropane	17.7		0.644	3.72
106-93-4	1,2-Dibromoethane	13.6		0.112	3.72
108-05-4	Vinyl acetate	14.1		0.728	3.72
1634-04-4	tert-Butyl methyl ether (MTBE)	13.2		0.055	3.72
99-87-6	4-Isopropyltoluene	14.9		0.120	3.72
1330-20-7	Xylene (total)	43.5		0.425	7.44
108-87-2	Methylcyclohexane	15.5		0.275	3.72
110-57-6	trans-1,4-Dichloro-2-butene	15.1		0.536	3.72
110-82-7	Cyclohexane	19.0		0.823	3.72
594-20-7	2,2-Dichloropropane	14.5		0.131	3.72
79-20-9	Methyl Acetate	19.2		1.14	3.72
76-13-1	Trichlorotrifluoroethane	17.9		0.140	3.72
563-58-6	1,1-Dichloropropene	13.9		0.097	3.72
110-75-8	2-Chloroethylvinyl ether	3.72	U	1.56	3.72
142-28-9	1,3-Dichloropropane	13.2		0.101	3.72
108-86-1	Bromobenzene	14.2		0.175	3.72
95-49-8	2-Chlorotoluene	13.9		0.112	3.72
106-43-4	4-Chlorotoluene	14.3		0.242	3.72
98-06-6	tert-Butylbenzene	14.9		0.187	3.72
135-98-8	sec-Butylbenzene	14.4		0.087	3.72

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SD5SB35-070-(1-2) MS

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 7.3 (g/ml) g Lab Sample ID: 20607201905

Level: (low/med) LOW Lab File ID: 2060723/V4526MS

% Moisture: not dec. 7.9 Date Collected: 07/19/06 Time: 1210

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1446

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	13.6		0.176	3.72
106-46-7	1,4-Dichlorobenzene	13.5		0.313	3.72
104-51-8	n-Butylbenzene	14.4		0.132	3.72
95-50-1	1,2-Dichlorobenzene	14.1		0.085	3.72
87-68-3	Hexachlorobutadiene	12.7		0.926	3.72
91-20-3	Naphthalene	16.7		0.280	3.72
75-35-4	1,1-Dichloroethene	15.9		0.267	3.72
71-43-2	Benzene	14.5		0.077	3.72
79-01-6	Trichloroethene	14.9		0.132	3.72
108-88-3	Toluene	15.9		0.409	3.72
108-90-7	Chlorobenzene	13.7		0.123	3.72

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4526ms.d
Lab Smp Id: 20607201905 Client Smp ID: SD5SB35-070-(1-2) M
Inj Date : 23-JUL-2006 14:46
Operator : RSS Inst ID: msv4.i
Smp Info : 20607201905*SD5SB35-070-(1-2) MS
Misc Info : MSV~8738~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 24-Jul-2006 15:42 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 13 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	7.30000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.652	1.656	(0.259)	86956	22.2068	15.2	4298
2 Chloromethane ++	50	1.826	1.825	(0.287)	83041	15.9922	11.0	4872
3 Vinyl Chloride +	62	1.889	1.894	(0.297)	75996	20.8590	14.3	5959
5 Bromomethane	94	2.169	2.168	(0.340)	31976	17.1421	11.7	7194
7 Chloroethane	64	2.285	2.279	(0.359)	39224	20.8772	14.3	8621
8 Trichlorofluoromethane	101	2.401	2.406	(0.377)	82361	22.1212	15.2	9110
10 1,1-Dichloroethene +	96	2.881	2.881	(0.452)	39453	21.2952	14.6	7694
11 Carbon Disulfide	76	2.908	2.913	(0.456)	186490	21.4720	14.7	8218
12 1,1,2Trichlotrifluoroethane	101	2.913	2.928	(0.457)	62258	24.0789	16.5	8266
13 Methyl Iodide	142	3.019	3.023	(0.474)	54154	20.9953	14.4	7348
14 Acrolein	56	3.225	3.240	(0.506)	66053	99.0735	67.9	3757(H)
15 Methylene Chloride	49	3.494	3.504	(0.548)	88931	14.3905	9.86	8755(R)
17 Acetone	43	3.552	3.588	(0.558)	102193	47.0976	32.3	5198

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.679	3.683	(0.577)	75840	20.1473	13.8	6921
	19 Methyl Acetate	43	3.700	3.710	(0.581)	124637	25.7718	17.7	5658
	20 Hexane	57	3.779	3.789	(0.593)	132737	20.6672	14.2	8852
	21 MTBE	73	3.816	3.826	(0.599)	167425	17.7767	12.2	6236
	26 1,1-Dichloroethane ++	63	4.454	4.459	(0.699)	90411	18.1617	12.4	8987(R)
	27 Acrylonitrile	53	4.523	4.538	(0.710)	234895	90.7555	62.2	6792
	30 Vinyl Acetate	43	4.771	4.786	(0.749)	167771	18.9677	13.0	
	31 cis-1,2-Dichloroethene	61	5.072	5.077	(0.796)	78571	18.9398	13.0	7365
	33 2,2-Dichloropropane	77	5.188	5.193	(0.814)	66189	19.6263	13.4	6503
	35 Cyclohexane	56	5.273	5.282	(0.828)	111473	25.5127	17.5	6173
	37 Bromochloromethane	128	5.288	5.298	(0.830)	25874	18.5857	12.7	6568(R)
	39 Chloroform +	83	5.378	5.388	(0.844)	91121	18.5087	12.7	9253
	42 Carbon Tetrachloride	117	5.510	5.515	(0.865)	58592	23.4097	16.0	8290
$	44 Dibromofluoromethane	111	5.568	5.578	(0.874)	175373	53.6341	36.7	4990
	45 1,1,1-Trichloroethane	97	5.579	5.589	(0.876)	66871	19.5759	13.4	9155
	46 2-Butanone	43	5.705	5.731	(0.896)	140242	16.7731	11.5	
	47 1,1-Dichloropropene	75	5.711	5.721	(0.896)	59840	18.7135	12.8	8342(R)
	53 Benzene	78	5.959	5.969	(0.935)	183958	19.5884	13.4	8398(R)
$	54 1,2-Dichloroethane-d4	67	6.101	6.106	(0.958)	109844	49.5113	33.9	9499
	55 1,2-Dichloroethane	62	6.165	6.175	(0.968)	88761	17.4447	11.9	8479(R)
*	58 FLUOROBENZENE	96	6.370	6.380	(1.000)	475314	50.0000		9398
	59 Methyl cyclohexane	83	6.513	6.523	(1.022)	71842	20.8913	14.3	9109
	60 Trichloroethene	130	6.534	6.539	(1.026)	46534	20.0433	13.7	8969
	62 Dibromomethane	93	6.919	6.935	(1.086)	44661	18.2241	12.5	8763(R)
	64 1,2-Dichloropropane +	63	7.014	7.024	(1.101)	52549	16.6927	11.4	8884(R)
M	65 Total 1,2-Dichloroethene	61				154411	39.0285	26.7	0
	67 Bromodichloromethane	83	7.083	7.088	(1.112)	71085	17.6222	12.1	9068(R)
	71 1-Bromo-2-chloroethane	144	7.511	7.515	(1.179)	8904	18.5985	12.7	8825
	74 cis-1,3-Dichloropropene	75	7.643	7.652	(1.200)	83758	17.8073	12.2	(R)
M	75 1-3 Dichloropropene-Total	100				171546	36.0742	24.7	0
$	76 Toluene-d8	98	7.806	7.811	(0.854)	464621	59.6694	40.9	9317
	77 Toluene +	91	7.848	7.858	(0.859)	195344	21.3730	14.6	9089
	80 Tetrachloroethene	164	8.181	8.191	(0.895)	34598	22.3907	15.3	8719
	81 4-methyl-2-pentanone	43	8.186	8.196	(0.895)	194725	18.8742	12.9	
	82 trans-1,3-Dichloropropene	75	8.218	8.223	(0.899)	87788	18.4892	12.7	(R)
	83 1,1,2-Trichloroethane	97	8.355	8.360	(0.914)	49410	17.4125	11.9	8917(R)
	85 Dibromochloromethane	129	8.508	8.513	(0.931)	54756	18.1252	12.4	8759(R)
	86 1,3-Dichloropropane	76	8.587	8.597	(0.939)	87778	17.8835	12.2	8701(R)
	87 1,2-Dibromoethane(EDB)	107	8.709	8.719	(0.953)	59369	18.1925	12.5	8404(R)
	88 2-Hexanone	43	8.899	8.909	(0.973)	152016	18.3484	12.6	7844
	89 1-Chlorohexane	91	9.126	9.136	(0.998)	69709	23.1295	15.8	6481
*	90 Chlorobenzene-d5	82	9.142	9.146	(1.000)	200154	50.0000		8707
	91 Chlorobenzene ++	112	9.157	9.162	(1.002)	116621	18.3834	12.6	7871(R)
	92 Ethylbenzene +	91	9.173	9.178	(1.003)	211459	19.5581	13.4	7504(R)
	93 1,1,1,2-Tetrachloroethane	133	9.210	9.215	(1.008)	42311	19.2281	13.2	7937(R)
	95 p,m-Xylene	106	9.295	9.299	(1.017)	141918	38.3581	26.3	9350(RH)
	96 o-Xylene	106	9.659	9.669	(1.057)	73255	20.1313	13.8	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
99 Styrene	104	9.706	9.711	(1.062)	121373	19.2467	13.2	8711(R)
100 Bromoform ++	173	9.738	9.743	(1.065)	45818	18.7914	12.9	8226
101 Isopropylbenzene	105	9.923	9.927	(1.085)	166814	19.6435	13.5	9196(R)
$ 103 Bromofluorobenzene	174	10.176	10.181	(1.113)	151533	56.8942	39.0	8879
104 Bromobenzene	77	10.266	10.276	(0.922)	93525	19.1594	13.1	6969(R)
105 n-Propylbenzene	91	10.276	10.281	(0.923)	207651	19.3509	13.3	8168(R)
106 1,1,2,2-Tetrachloroethane++	83	10.340	10.344	(0.929)	92007	20.3966	14.0	3335
107 2-Chlorotoluene	91	10.419	10.424	(0.936)	143208	18.7261	12.8	8767(RH)
108 1,3,5-Trimethylbenzene	105	10.435	10.439	(0.937)	141974	19.5933	13.4	(R)
109 1,2,3-Trichloropropane	75	10.461	10.466	(0.940)	101654	19.2181	13.2	3773(H)
110 trans-1,4-Dichloro-2-Butene	53	10.493	10.492	(0.943)	22969	20.3436	13.9	8800
111 4-Chlorotoluene	91	10.561	10.566	(0.949)	130099	19.2562	13.2	9190(R)
112 tert-butylbenzene	91	10.715	10.719	(0.963)	82605	20.0585	13.7	8929
114 1,2,4-Trimethylbenzene	105	10.767	10.777	(0.967)	144865	20.0106	13.7	
116 sec-Butylbenzene	105	10.868	10.867	(0.976)	179917	19.3579	13.3	(R)
117 p-Isopropyltoluene	119	10.978	10.983	(0.986)	141746	19.9882	13.7	7077(R)
120 1,3-Dichlorobenzene	146	11.068	11.073	(0.994)	72146	18.3132	12.5	(R)
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.136	(1.000)	144713	50.0000		8851
122 1,4-Dichlorobenzene	146	11.147	11.152	(1.001)	79489	18.0703	12.4	(R)
123 n-Butylbenzene	91	11.358	11.363	(1.020)	134242	19.3514	13.3	9020(R)
M 124 TOTAL XYLENE	106				215173	58.4894	40.1	0(R)
125 1,2-Dichlorobenzene	146	11.538	11.543	(1.036)	75460	19.0494	13.0	(R)
126 1,2-Dibromo-3-Chloropropane	157	12.367	12.371	(1.111)	23083	23.7650	16.3	5693
127 Hexachlorobutadiene	225	13.132	13.142	(1.180)	22005	17.0920	11.7	8758(R)
128 1,2,4-Trichlorobenzene	180	13.201	13.200	(1.186)	42542	17.8610	12.2	(R)
129 Napthalene	128	13.581	13.585	(1.220)	143753	22.5407	15.4	6455
130 1,2,3-Trichlorobenzene	180	13.781	13.786	(1.238)	44845	18.5629	12.7	(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

000685

Data File: /var/chem/msv4.i/2060723.s.b/v4526ms.d

Page 1

Date : 23-JUL-2006 14:46

Client ID: SD5SB35-070-(1-2) M

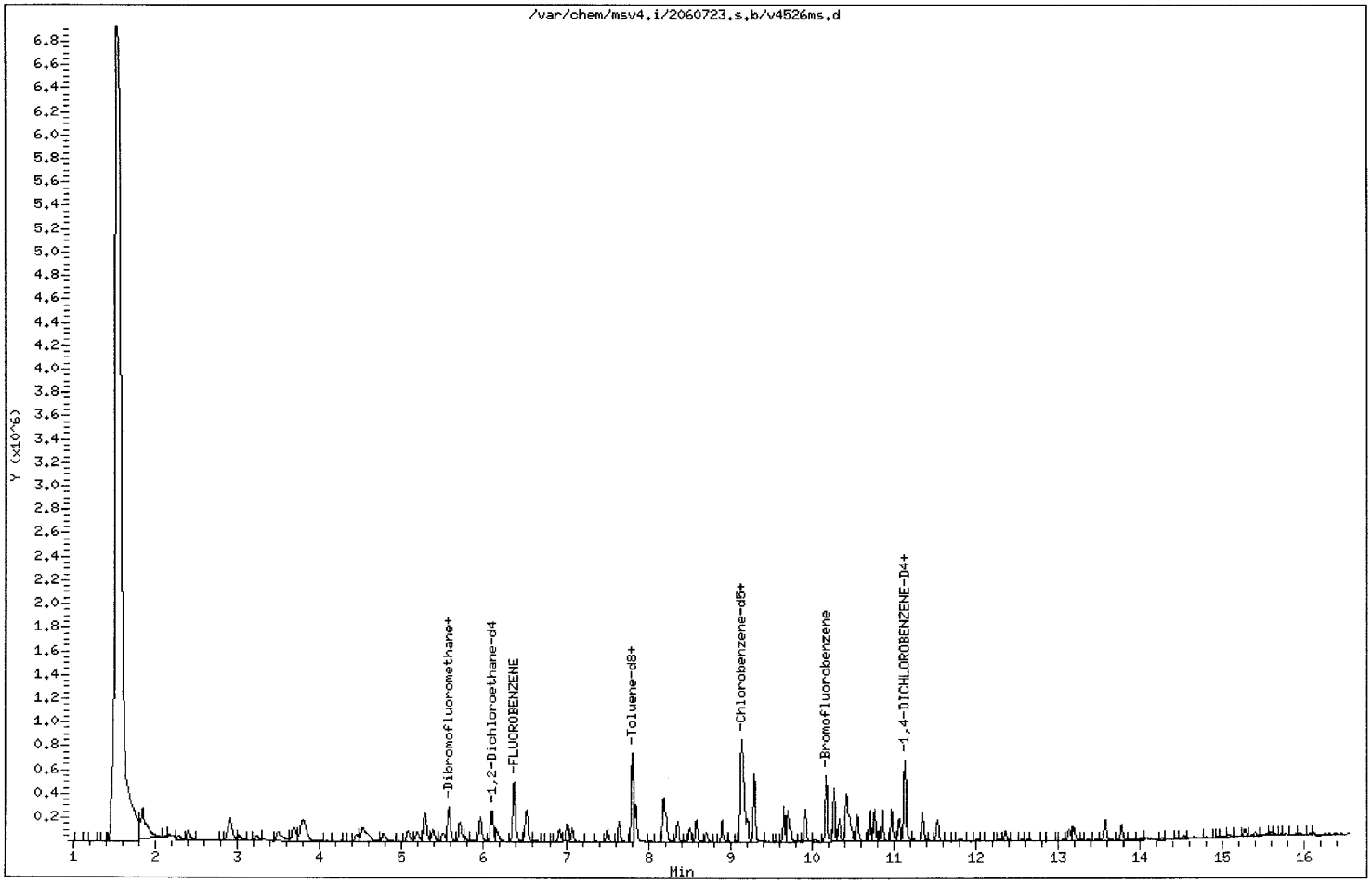
Instrument: msv4.i

Sample Info: 20607201905*SD5SB35-070-(1-2) MS

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53

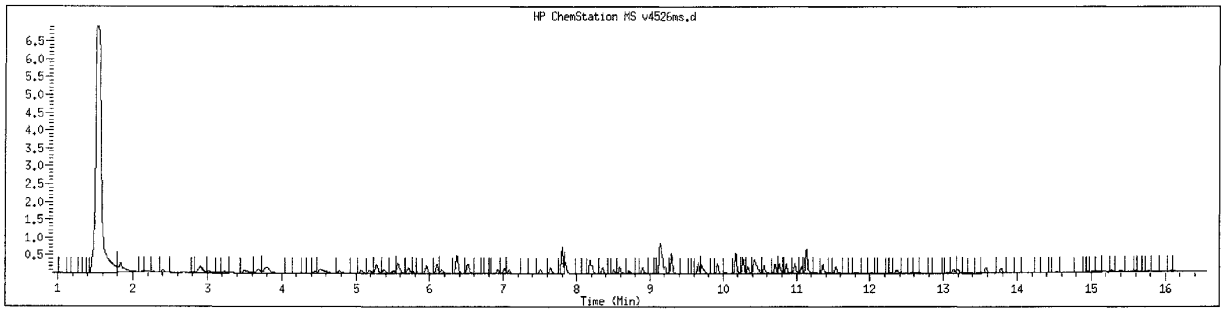


188657

Data file : /var/chem/msv4.i/2060723.s.b/v4526ms.d Page: 1
Report Date: 07/24/2006 16:19

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607201905 SampleType : MS
Injection Date: 23-JUL-2006 14:46 Instrument : msv4.i
Operator : RSS
Sample Info : 20607201905*SD5SB35-070-(1-2) MS
Misc Info : MSV~8738~*1*RSS
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



NO MANUAL INTEGRATIONS

188658

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

ND3SB05-010 (1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.86 (g/ml) g Lab Sample ID: 20607191622

Level: (low/med) LOW Lab File ID: 2060722Q/V4485

% Moisture: not dec. 21.8 Date Collected: 07/17/06 Time: 1620

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/19/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1949

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	19.1	J	0.408	27.3
107-02-8	Acrolein	104		2.55	27.3
107-13-1	Acrylonitrile	101		0.777	27.3
75-27-4	Bromodichloromethane	23.0		0.147	5.45
75-25-2	Bromoform	22.1		0.184	5.45
74-83-9	Bromomethane	18.2		1.64	5.45
75-15-0	Carbon disulfide	32.1		0.119	5.45
56-23-5	Carbon tetrachloride	33.2		0.131	5.45
75-00-3	Chloroethane	26.7		0.661	5.45
136777-61-	m,p-Xylene	55.4		0.434	5.45
67-66-3	Chloroform	24.4		0.154	5.45
74-87-3	Chloromethane	20.7		0.506	5.45
124-48-1	Dibromochloromethane	22.8		0.098	5.45
74-95-3	Dibromomethane	22.6		0.170	5.45
75-71-8	Dichlorodifluoromethane	29.9		0.397	5.45
75-34-3	1,1-Dichloroethane	25.1		0.173	5.45
107-06-2	1,2-Dichloroethane	22.9		0.124	5.45
156-59-2	cis-1,2-Dichloroethene	22.8		0.137	5.45
156-60-5	trans-1,2-Dichloroethene	26.9		0.179	5.45
75-09-2	Methylene chloride	19.2		0.523	10.9
78-87-5	1,2-Dichloropropane	23.0		0.122	5.45
10061-01-5	cis-1,3-Dichloropropene	22.6		0.125	5.45
10061-02-6	trans-1,3-Dichloropropene	23.1		0.154	5.45
100-41-4	Ethylbenzene	28.0		0.226	5.45
591-78-6	2-Hexanone	20.2		0.901	5.45
98-82-8	Isopropylbenzene (Cumene)	28.1		0.167	5.45
78-93-3	2-Butanone	17.3		0.340	5.45
74-88-4	Methyl iodide	22.5		0.988	5.45
108-10-1	4-Methyl-2-pentanone	21.5		0.189	5.45
103-65-1	n-Propylbenzene	29.8		0.153	5.45
100-42-5	Styrene	24.8		0.166	5.45

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

ND3SB05-010 (1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.86 (g/ml) g Lab Sample ID: 20607191622

Level: (low/med) LOW Lab File ID: 2060722Q/V4485

% Moisture: not dec. 21.8 Date Collected: 07/17/06 Time: 1620

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/19/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1949

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	31.8		0.209	5.45
630-20-6	1,1,1,2-Tetrachloroethane	24.5		0.192	5.45
79-34-5	1,1,2,2-Tetrachloroethane	25.3		0.196	5.45
120-82-1	1,2,4-Trichlorobenzene	19.9		0.357	5.45
71-55-6	1,1,1-Trichloroethane	28.8		0.134	5.45
79-00-5	1,1,2-Trichloroethane	22.8		0.124	5.45
75-69-4	Trichlorofluoromethane	30.6		0.275	5.45
96-18-4	1,2,3-Trichloropropane	23.9		0.267	2.18
95-63-6	1,2,4-Trimethylbenzene	28.3		0.216	5.45
108-67-8	1,3,5-Trimethylbenzene	29.3		0.178	5.45
75-01-4	Vinyl chloride	29.0		0.383	5.45
95-47-6	o-Xylene	27.0		0.190	5.45
96-12-8	1,2-Dibromo-3-chloropropane	23.3		0.945	5.45
106-93-4	1,2-Dibromoethane	23.5		0.164	5.45
108-05-4	Vinyl acetate	22.0		1.07	5.45
1634-04-4	tert-Butyl methyl ether (MTBE)	21.6		0.081	5.45
99-87-6	4-Isopropyltoluene	29.4		0.176	5.45
1330-20-7	Xylene (total)	82.3		0.624	10.9
108-87-2	Methylcyclohexane	31.2		0.404	5.45
110-57-6	trans-1,4-Dichloro-2-butene	27.5		0.787	5.45
110-82-7	Cyclohexane	28.9		1.21	5.45
594-20-7	2,2-Dichloropropane	28.3		0.192	5.45
79-20-9	Methyl Acetate	24.0		1.67	5.45
76-13-1	Trichlorotrifluoroethane	32.9		0.205	5.45
563-58-6	1,1-Dichloropropene	28.5		0.142	5.45
110-75-8	2-Chloroethylvinyl ether	8.90		2.29	5.45
142-28-9	1,3-Dichloropropane	22.5		0.148	5.45
108-86-1	Bromobenzene	25.3		0.256	5.45
95-49-8	2-Chlorotoluene	23.5		0.164	5.45
106-43-4	4-Chlorotoluene	26.7		0.355	5.45
98-06-6	tert-Butylbenzene	30.6		0.275	5.45
135-98-8	sec-Butylbenzene	29.5		0.128	5.45

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

ND3SB05-010 (1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.86 (g/ml) g Lab Sample ID: 20607191622

Level: (low/med) LOW Lab File ID: 2060722Q/V4485

% Moisture: not dec. 21.8 Date Collected: 07/17/06 Time: 1620

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/19/06

Instrument ID: MSV4 Date Analyzed: 07/22/06 Time: 1949

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328585

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	25.6		0.257	5.45
106-46-7	1,4-Dichlorobenzene	24.4		0.459	5.45
104-51-8	n-Butylbenzene	27.7		0.194	5.45
95-50-1	1,2-Dichlorobenzene	24.0		0.124	5.45
87-68-3	Hexachlorobutadiene	19.8		1.36	5.45
91-20-3	Naphthalene	21.4		0.410	5.45
75-35-4	1,1-Dichloroethene	28.8		0.392	5.45
71-43-2	Benzene	29.4		0.113	5.45
79-01-6	Trichloroethene	26.9		0.193	5.45
108-88-3	Toluene	30.2		0.600	5.45
108-90-7	Chlorobenzene	24.3		0.180	5.45

GCAL, Inc.

Data file : /var/chem/msv4.i/2060722q.s.b/v4485.d
Lab Smp Id: 20607191622 Client Smp ID: ND3SB05-010 (1-2) M
Inj Date : 22-JUL-2006 19:49
Operator : RSS Inst ID: msv4.i
Smp Info : 20607191622*ND3SB05-010 (1-2) MSD
Misc Info : MSV~8729~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Meth Date : 22-Jul-2006 16:52 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 8 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.86000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.653	1.652	(0.259)	113151	27.4649	23.4	4201
2 Chloromethane ++	50	1.827	1.826	(0.287)	103697	18.9807	16.2	4863
3 Vinyl Chloride +	62	1.895	1.895	(0.297)	102110	26.6381	22.7	6321
5 Bromomethane	94	2.175	2.169	(0.341)	32680	16.6515	14.2	7178
7 Chloroethane	64	2.281	2.285	(0.358)	48452	24.5112	20.9	8605
8 Trichlorofluoromethane	101	2.407	2.407	(0.378)	109735	28.0134	23.9	9306
10 1,1-Dichloroethene +	96	2.882	2.871	(0.452)	51407	26.3728	22.5	7949
11 Carbon Disulfide	76	2.909	2.903	(0.457)	268281	29.3588	25.1	8295
12 1,1,2Trichlotrifluoroethane	101	2.925	2.914	(0.459)	81829	30.0802	25.7	8690
13 Methyl Iodide	142	3.025	3.019	(0.475)	55979	20.6276	17.6	7464
14 Acrolein	56	3.226	3.225	(0.506)	67003	95.6723	81.6	3784
15 Methylene Chloride	49	3.495	3.494	(0.548)	112574	17.5532	15.0	8642
17 Acetone	43	3.558	3.552	(0.558)	43464	17.4969	14.9	5746

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.685	3.679	(0.578)	97603	24.6442	21.0	7020
	19 Methyl Acetate	43	3.711	3.705	(0.582)	112279	22.0663	18.8	5822
	20 Hexane	57	3.785	3.790	(0.594)	165223	24.4508	20.9	8765
	21 MTBE	73	3.817	3.821	(0.599)	196329	19.8129	16.9	6261
	26 1,1-Dichloroethane ++	63	4.455	4.450	(0.699)	120295	22.9676	19.6	8979
	27 Acrylonitrile	53	4.529	4.529	(0.711)	251210	92.2505	78.7	6821
	30 Vinyl Acetate	43	4.777	4.777	(0.750)	187688	20.1682	17.2	
	31 cis-1,2-Dichloroethene	61	5.078	5.078	(0.797)	91257	20.9080	17.8	7403
	33 2,2-Dichloropropane	77	5.184	5.189	(0.814)	91862	25.8893	22.1	6639
	35 Cyclohexane	56	5.274	5.284	(0.828)	121962	26.5304	22.6	6141
	37 Bromochloromethane	128	5.289	5.289	(0.830)	30103	20.5521	17.5	6564
	39 Chloroform +	83	5.379	5.384	(0.844)	115863	22.3684	19.1	8880
	42 Carbon Tetrachloride	117	5.506	5.510	(0.864)	80190	30.4516	26.0	8206
$	44 Dibromofluoromethane	111	5.574	5.569	(0.875)	182406	53.0212	45.2	5550
	45 1,1,1-Trichloroethane	97	5.585	5.584	(0.877)	94574	26.3141	22.5	9537
	46 2-Butanone	43	5.712	5.711	(0.896)	139116	15.8141	13.5	
	47 1,1-Dichloropropene	75	5.712	5.711	(0.896)	87798	26.0964	22.3	8360
	53 Benzene	78	5.960	5.959	(0.935)	265900	26.9111	23.0	8294
$	54 1,2-Dichloroethane-d4	67	6.102	6.102	(0.958)	116284	49.8174	42.5	9537
	55 1,2-Dichloroethane	62	6.166	6.165	(0.968)	112306	20.9786	17.9	8457
*	58 FLUOROBENZENE	96	6.371	6.371	(1.000)	500090	50.0000		9398
	59 Methyl cyclohexane	83	6.514	6.513	(1.022)	103575	28.6269	24.4	9303
	60 Trichloroethene	130	6.530	6.534	(1.025)	60100	24.6040	21.0	8856
	62 Dibromomethane	93	6.926	6.925	(1.087)	53411	20.7148	17.7	8824
	64 1,2-Dichloropropane +	63	7.015	7.015	(1.101)	69832	21.0838	18.0	8920
M	65 Total 1,2-Dichloroethene	61				188860	45.3708	38.7	0
	67 Bromodichloromethane	83	7.079	7.078	(1.111)	89452	21.0768	18.0	8821
	71 1-Bromo-2-chloroethane	144	7.512	7.511	(1.179)	10259	20.3671	17.4	8891
	72 2-Chloroethyl vinyl ether	63	7.596	7.590	(1.192)	11617	8.16222	6.96	2443(R)
	74 cis-1,3-Dichloropropene	75	7.644	7.648	(1.200)	102594	20.7313	17.7	
M	75 1-3 Dichloropropene-Total	100				204123	40.7982	34.8	0
$	76 Toluene-d8	98	7.807	7.807	(0.854)	483098	61.4736	52.5	9308
	77 Toluene +	91	7.849	7.849	(0.859)	254917	27.6353	23.6	9163
	80 Tetrachloroethene	164	8.182	8.181	(0.895)	45560	29.2147	24.9	8863
	81 4-methyl-2-pentanone	43	8.187	8.187	(0.895)	204953	19.6835	16.8	
	82 trans-1,3-Dichloropropene	75	8.214	8.218	(0.898)	101529	21.1871	18.1	
	83 1,1,2-Trichloroethane	97	8.356	8.355	(0.914)	59789	20.8770	17.8	8944
	85 Dibromochloromethane	129	8.509	8.509	(0.931)	63561	20.8469	17.8	8631
	86 1,3-Dichloropropane	76	8.588	8.593	(0.939)	102071	20.6048	17.6	8667
	87 1,2-Dibromoethane(EDB)	107	8.710	8.714	(0.953)	70855	21.5131	18.4	8236
	88 2-Hexanone	43	8.900	8.899	(0.973)	154928	18.5236	15.8	7781
	89 1-Chlorohexane	91	9.132	9.131	(0.999)	100826	33.1474	28.3	5735(R)
*	90 Chlorobenzene-d5	82	9.143	9.148	(1.000)	202006	50.0000		8371
	91 Chlorobenzene ++	112	9.158	9.158	(1.002)	142527	22.2611	19.0	8109
	92 Ethylbenzene +	91	9.174	9.174	(1.003)	279810	25.6427	21.9	7464
	93 1,1,1,2-Tetrachloroethane	133	9.211	9.211	(1.008)	50067	22.5442	19.2	7877
	95 p,m-Xylene	106	9.296	9.295	(1.017)	189378	50.7165	43.3	9363

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.660	9.665	(1.057)	90747	24.7097	21.1	
99 Styrene	104	9.707	9.707	(1.062)	144581	22.7167	19.4	8753
100 Bromoform ++	173	9.739	9.738	(1.065)	49916	20.2845	17.3	8211
101 Isopropylbenzene	105	9.924	9.923	(1.085)	221241	25.8139	22.0	9193
$ 103 Bromofluorobenzene	174	10.177	10.177	(1.113)	143660	53.4437	45.6	8931
104 Bromobenzene	77	10.267	10.272	(0.922)	110119	23.1678	19.8	6857
105 n-Propylbenzene	91	10.272	10.277	(0.923)	285553	27.3290	23.3	7986
106 1,1,2,2-Tetrachloroethane++	83	10.335	10.340	(0.928)	101820	23.1813	19.8	3424
107 2-Chlorotoluene	91	10.562	10.419	(0.949)	160821	21.5969	18.4	8940
108 1,3,5-Trimethylbenzene	105	10.436	10.435	(0.937)	189102	26.8018	22.9	
109 1,2,3-Trichloropropane	75	10.462	10.467	(0.940)	113037	21.9470	18.7	3839
110 trans-1,4-Dichloro-2-Butene	53	10.489	10.493	(0.942)	27738	25.2307	21.5	9050
111 4-Chlorotoluene	91	10.562	10.562	(0.949)	160821	24.4460	20.9	9037
112 tert-butylbenzene	91	10.710	10.715	(0.962)	112122	27.9609	23.9	9007
114 1,2,4-Trimethylbenzene	105	10.768	10.773	(0.967)	182170	25.8430	22.1	
116 sec-Butylbenzene	105	10.863	10.868	(0.976)	244959	27.0676	23.1	
117 p-Isopropyltoluene	119	10.979	10.984	(0.986)	185799	26.9076	23.0	7065
120 1,3-Dichlorobenzene	146	11.069	11.074	(0.994)	89888	23.4327	20.0	
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.138	(1.000)	140909	50.0000		8744
122 1,4-Dichlorobenzene	146	11.143	11.148	(1.001)	96073	22.4300	19.1	
123 n-Butylbenzene	91	11.354	11.359	(1.020)	172172	25.4891	21.7	9131
M 124 TOTAL XYLENE	106				280125	75.4262	64.4	0
125 1,2-Dichlorobenzene	146	11.539	11.538	(1.036)	84932	22.0194	18.8	
126 1,2-Dibromo-3-Chloropropane	157	12.368	12.367	(1.111)	20018	21.2855	18.2	5677
127 Hexachlorobutadiene	225	13.138	13.143	(1.180)	22754	18.1509	15.5	8789(R)
128 1,2,4-Trichlorobenzene	180	13.191	13.201	(1.185)	42643	18.3413	15.6	(R)
129 Napthalene	128	13.582	13.581	(1.220)	117919	19.5174	16.7	6461
130 1,2,3-Trichlorobenzene	180	13.782	13.787	(1.238)	42894	18.2346	15.6	(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/msv4.i/2060722q.s.b/v4485.d

Page 1

Date : 22-JUL-2006 19:49

Client ID: ND3SB05-010 (1-2) M

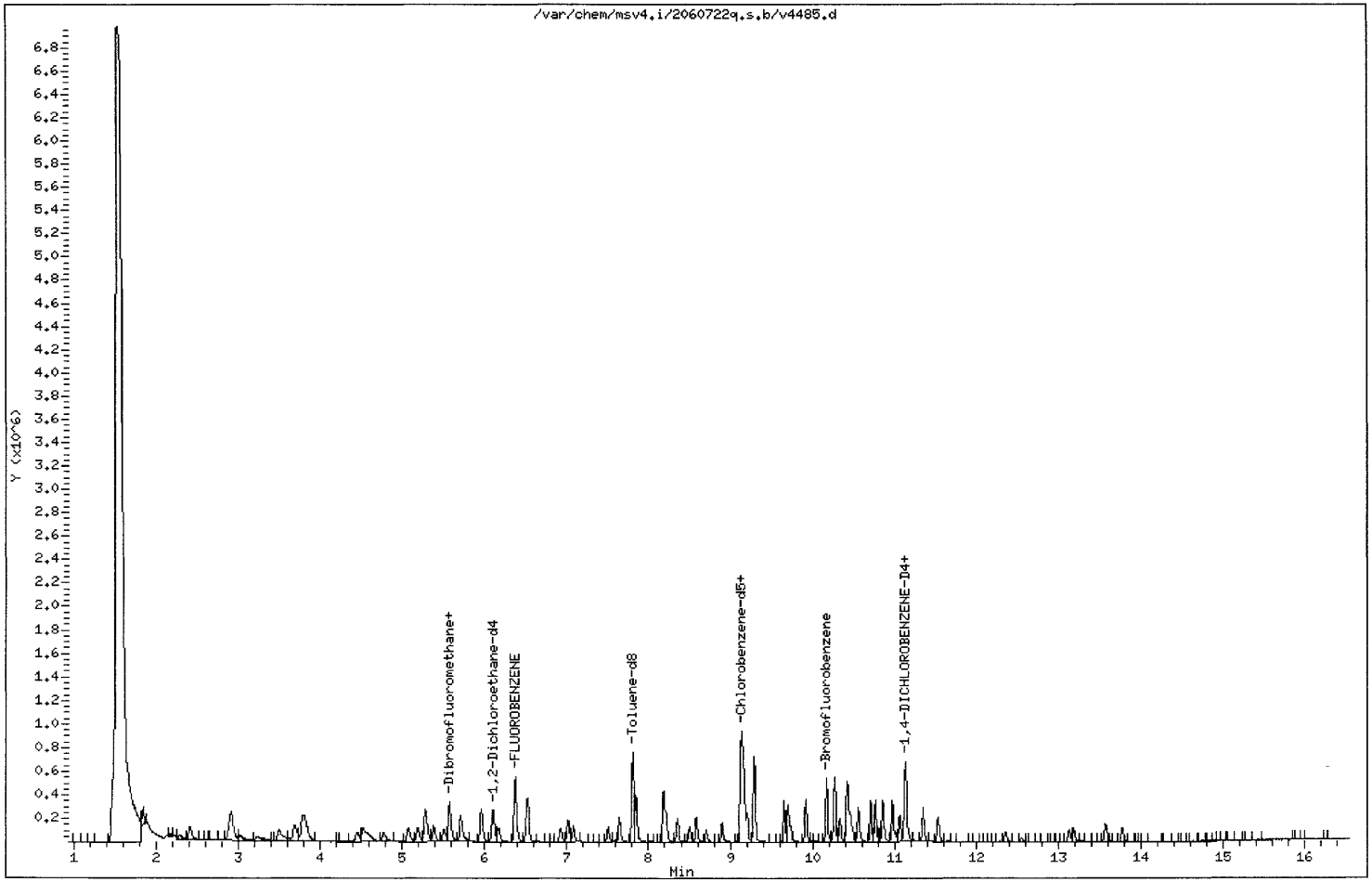
Instrument: msv4.i

Sample Info: 20607191622*ND3SB05-010 (1-2) MSD

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



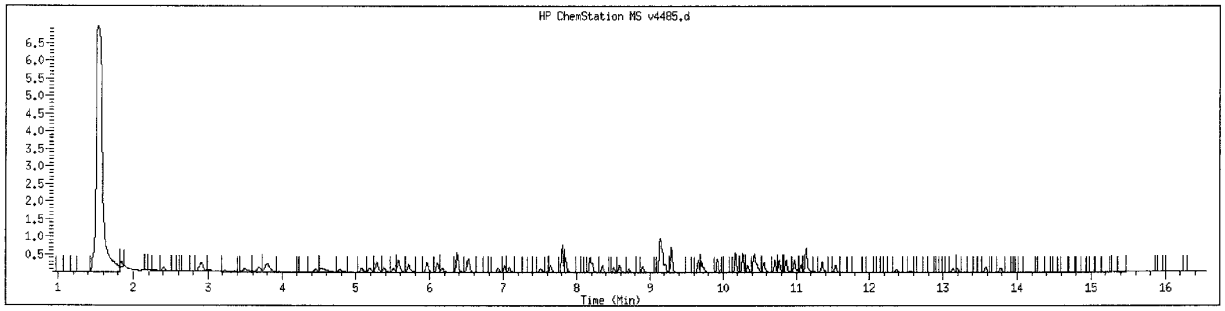
000693

188665

Data file : /var/chem/msv4.i/2060722q.s.b/v4485.d Page: 1
Report Date: 07/23/2006 07:05

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607191622 SampleType : MSD
Injection Date: 22-JUL-2006 19:49 Instrument : msv4.i
Operator : RSS
Sample Info : 20607191622*ND3SB05-010 (1-2) MSD
Misc Info : MSV~8729~*1*RSS
Method : /var/chem/msv4.i/2060722q.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



NO MANUAL INTEGRATIONS

188666

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SL8SB99-198-(1-2)MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.61 (g/ml) g Lab Sample ID: 20607191626

Level: (low/med) LOW Lab File ID: 2060723/V4523MSD

% Moisture: not dec. 12.9 Date Collected: 07/18/06 Time: 0925

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/19/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1333

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	36.7		0.325	21.7
107-02-8	Acrolein	91.9		2.03	21.7
107-13-1	Acrylonitrile	84.4		0.618	21.7
75-27-4	Bromodichloromethane	15.5		0.117	4.34
75-25-2	Bromoform	13.7		0.147	4.34
74-83-9	Bromomethane	16.4		1.31	4.34
75-15-0	Carbon disulfide	19.1		0.095	4.34
56-23-5	Carbon tetrachloride	16.0		0.104	4.34
75-00-3	Chloroethane	21.7		0.526	4.34
136777-61-	m,p-Xylene	25.0		0.346	4.34
67-66-3	Chloroform	16.6		0.122	4.34
74-87-3	Chloromethane	16.6		0.403	4.34
124-48-1	Dibromochloromethane	15.7		0.078	4.34
74-95-3	Dibromomethane	16.1		0.135	4.34
75-71-8	Dichlorodifluoromethane	22.0		0.316	4.34
75-34-3	1,1-Dichloroethane	18.1		0.138	4.34
107-06-2	1,2-Dichloroethane	16.5		0.099	4.34
156-59-2	cis-1,2-Dichloroethene	16.9		0.109	4.34
156-60-5	trans-1,2-Dichloroethene	18.9		0.142	4.34
75-09-2	Methylene chloride	14.2		0.416	8.69
78-87-5	1,2-Dichloropropane	15.4		0.097	4.34
10061-01-5	cis-1,3-Dichloropropene	15.0		0.100	4.34
10061-02-6	trans-1,3-Dichloropropene	17.0		0.122	4.34
100-41-4	Ethylbenzene	13.5		0.180	4.34
591-78-6	2-Hexanone	16.9		0.717	4.34
98-82-8	Isopropylbenzene (Cumene)	10.1		0.133	4.34
78-93-3	2-Butanone	13.9		0.271	4.34
74-88-4	Methyl iodide	19.4		0.787	4.34
108-10-1	4-Methyl-2-pentanone	17.7		0.150	4.34
103-65-1	n-Propylbenzene	11.3		0.122	4.34
100-42-5	Styrene	12.7		0.132	4.34

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SL8SB99-198-(1-2)MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.61 (g/ml) g Lab Sample ID: 20607191626

Level: (low/med) LOW Lab File ID: 2060723/V4523MSD

% Moisture: not dec. 12.9 Date Collected: 07/18/06 Time: 0925

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/19/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1333

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	14.0		0.167	4.34
630-20-6	1,1,1,2-Tetrachloroethane	14.6		0.153	4.34
79-34-5	1,1,2,2-Tetrachloroethane	16.1		0.156	4.34
120-82-1	1,2,4-Trichlorobenzene	7.06		0.284	4.34
71-55-6	1,1,1-Trichloroethane	16.3		0.107	4.34
79-00-5	1,1,2-Trichloroethane	17.0		0.099	4.34
75-69-4	Trichlorofluoromethane	20.4		0.219	4.34
96-18-4	1,2,3-Trichloropropane	17.2		0.213	1.74
95-63-6	1,2,4-Trimethylbenzene	10.8		0.172	4.34
108-67-8	1,3,5-Trimethylbenzene	10.7		0.142	4.34
75-01-4	Vinyl chloride	21.5		0.305	4.34
95-47-6	o-Xylene	12.6		0.151	4.34
96-12-8	1,2-Dibromo-3-chloropropane	12.4		0.752	4.34
106-93-4	1,2-Dibromoethane	16.6		0.130	4.34
108-05-4	Vinyl acetate	19.5		0.850	4.34
1634-04-4	tert-Butyl methyl ether (MTBE)	17.6		0.064	4.34
99-87-6	4-Isopropyltoluene	8.39		0.140	4.34
1330-20-7	Xylene (total)	37.7		0.497	8.69
108-87-2	Methylcyclohexane	7.53		0.321	4.34
110-57-6	trans-1,4-Dichloro-2-butene	18.6		0.626	4.34
110-82-7	Cyclohexane	10.8		0.961	4.34
594-20-7	2,2-Dichloropropane	17.3		0.153	4.34
79-20-9	Methyl Acetate	25.1		1.33	4.34
76-13-1	Trichlorotrifluoroethane	16.6		0.163	4.34
563-58-6	1,1-Dichloropropene	14.6		0.113	4.34
110-75-8	2-Chloroethylvinyl ether	4.34	U	1.83	4.34
142-28-9	1,3-Dichloropropane	17.0		0.118	4.34
108-86-1	Bromobenzene	13.2		0.204	4.34
95-49-8	2-Chlorotoluene	11.4		0.130	4.34
106-43-4	4-Chlorotoluene	12.2		0.282	4.34
98-06-6	tert-Butylbenzene	10.0		0.219	4.34
135-98-8	sec-Butylbenzene	8.76		0.102	4.34

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SL8SB99-198-(1-2)MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.61 (g/ml) g Lab Sample ID: 20607191626

Level: (low/med) LOW Lab File ID: 2060723/V4523MSD

% Moisture: not dec. 12.9 Date Collected: 07/18/06 Time: 0925

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/19/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1333

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	10.9		0.205	4.34
106-46-7	1,4-Dichlorobenzene	10.6		0.366	4.34
104-51-8	n-Butylbenzene	7.60		0.155	4.34
95-50-1	1,2-Dichlorobenzene	10.5		0.099	4.34
87-68-3	Hexachlorobutadiene	3.65	J	1.08	4.34
91-20-3	Naphthalene	9.59		0.327	4.34
75-35-4	1,1-Dichloroethene	18.3		0.312	4.34
71-43-2	Benzene	17.7		0.090	4.34
79-01-6	Trichloroethene	14.5		0.154	4.34
108-88-3	Toluene	18.1		0.478	4.34
108-90-7	Chlorobenzene	13.5		0.143	4.34

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4523msd.d
Lab Smp Id: 20607191626 Client Smp ID: SL8SB99-198-(1-2) M
Inj Date : 23-JUL-2006 13:33
Operator : RSS Inst ID: msv4.i
Smp Info : 20607191626*SL8SB99-198-(1-2) MSD
Misc Info : MSV~8738~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 24-Jul-2006 15:42 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 10 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.61000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.648	1.656	(0.259)	92346	25.4090	19.2	4231
2 Chloromethane ++	50	1.823	1.825	(0.286)	92612	19.2161	14.5	5066
3 Vinyl Chloride +	62	1.886	1.894	(0.296)	83482	24.6875	18.7	6484
5 Bromomethane	94	2.171	2.168	(0.341)	32805	18.9479	14.3	7245
7 Chloroethane	64	2.277	2.279	(0.358)	43626	25.0178	18.9	8935
8 Trichlorofluoromethane	101	2.403	2.406	(0.377)	81252	23.5128	17.8	8961
10 1,1-Dichloroethene +	96	2.878	2.881	(0.452)	36169	21.0340	15.9	7571
11 Carbon Disulfide	76	2.899	2.913	(0.455)	177394	22.0058	16.6	8211
12 1,1,2Trichlotrifluoroethane	101	2.915	2.928	(0.458)	46000	19.1682	14.5	8292
13 Methyl Iodide	142	3.010	3.023	(0.473)	53553	22.3696	16.9	7156
14 Acrolein	56	3.221	3.240	(0.506)	65607	105.723	80.0	3530
15 Methylene Chloride	49	3.491	3.504	(0.548)	93132	16.3762	12.4	8675
17 Acetone	43	3.549	3.588	(0.557)	85724	42.3169	32.0	5631

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.675	3.683	(0.577)	76078	21.7751	16.5	7153
	19 Methyl Acetate	43	3.696	3.710	(0.581)	130153	28.9958	21.9	5816
	20 Hexane	57	3.802	3.789	(0.597)	80022	13.4240	10.2	8051(R)
	21 MTBE	73	3.818	3.826	(0.600)	177245	20.2763	15.3	6331
	26 1,1-Dichloroethane ++	63	4.446	4.459	(0.698)	96589	20.9048	15.8	8958
	27 Acrylonitrile	53	4.520	4.538	(0.710)	233401	97.1593	73.5	6642
	30 Vinyl Acetate	43	4.773	4.786	(0.750)	184475	22.4708	17.0	
	31 cis-1,2-Dichloroethene	61	5.069	5.077	(0.796)	74702	19.4012	14.7	7435
	33 2,2-Dichloropropane	77	5.185	5.193	(0.814)	62285	19.8984	15.1	6529
	35 Cyclohexane	56	5.275	5.282	(0.828)	50516	12.4566	9.42	6261(R)
	37 Bromochloromethane	128	5.290	5.298	(0.831)	26197	20.2744	15.3	8107
	39 Chloroform +	83	5.375	5.388	(0.844)	87887	19.2338	14.5	9037
	42 Carbon Tetrachloride	117	5.502	5.515	(0.864)	42589	18.3332	13.9	8570(R)
$	44 Dibromofluoromethane	111	5.570	5.578	(0.875)	163945	54.0205	40.9	5133
	45 1,1,1-Trichloroethane	97	5.581	5.589	(0.876)	59489	18.7631	14.2	9285
	46 2-Butanone	43	5.707	5.731	(0.896)	124310	16.0185	12.1	
	47 1,1-Dichloropropene	75	5.707	5.721	(0.896)	49839	16.7925	12.7	8395(R)
	53 Benzene	78	5.956	5.969	(0.935)	177901	20.4100	15.4	8438
$	54 1,2-Dichloroethane-d4	67	6.098	6.106	(0.958)	103045	50.0424	37.9	9483
	55 1,2-Dichloroethane	62	6.161	6.175	(0.968)	89814	19.0181	14.4	8467
*	58 FLUOROBENZENE	96	6.367	6.380	(1.000)	441162	50.0000		9261
	59 Methyl cyclohexane	83	6.515	6.523	(1.023)	27662	8.66669	6.56	8913(R)
	60 Trichloroethene	130	6.526	6.539	(1.025)	35814	16.6201	12.6	8724(R)
	62 Dibromomethane	93	6.921	6.935	(1.087)	42164	18.5371	14.0	8821(R)
	64 1,2-Dichloropropane +	63	7.011	7.024	(1.101)	51810	17.7320	13.4	8903(R)
M	65 Total 1,2-Dichloroethene	61				150780	41.0610	31.1	0
	67 Bromodichloromethane	83	7.075	7.088	(1.111)	66959	17.8844	13.5	9043(R)
	71 1-Bromo-2-chloroethane	144	7.502	7.515	(1.178)	8032	18.0758	13.7	8679
	74 cis-1,3-Dichloropropene	75	7.645	7.652	(1.201)	75398	17.2709	13.1	(R)
M	75 1-3 Dichloropropene-Total	100				151408	34.3042	25.9	0
$	76 Toluene-d8	98	7.803	7.811	(0.854)	415279	65.4025	49.5	9245
	77 Toluene +	91	7.845	7.858	(0.858)	155836	20.9091	15.8	9014
	80 Tetrachloroethene	164	8.188	8.191	(0.896)	20274	16.0901	12.2	8832(R)
	81 4-methyl-2-pentanone	43	8.188	8.196	(0.896)	171131	20.3412	15.4	
	82 trans-1,3-Dichloropropene	75	8.220	8.223	(0.899)	76010	19.6315	14.8	(R)
	83 1,1,2-Trichloroethane	97	8.352	8.360	(0.914)	45290	19.5727	14.8	8948(R)
	85 Dibromochloromethane	129	8.510	8.513	(0.931)	44630	18.1167	13.7	8709(R)
	86 1,3-Dichloropropane	76	8.589	8.597	(0.940)	78397	19.5869	14.8	8470(R)
	87 1,2-Dibromoethane(EDB)	107	8.711	8.719	(0.953)	50911	19.1313	14.5	8321(R)
	88 2-Hexanone	43	8.901	8.909	(0.974)	131263	19.3994	14.7	7904
	89 1-Chlorohexane	91	9.128	9.136	(0.999)	34187	13.9104	10.5	4492(R)
*	90 Chlorobenzene-d5	82	9.138	9.146	(1.000)	163216	50.0000		8785
	91 Chlorobenzene ++	112	9.154	9.162	(1.002)	80401	15.5422	11.8	7234(R)
	92 Ethylbenzene +	91	9.170	9.178	(1.003)	137209	15.5627	11.8	7642(R)
	93 1,1,1,2-Tetrachloroethane	133	9.207	9.215	(1.008)	30189	16.8242	12.7	7921(R)
	95 p,m-Xylene	106	9.291	9.299	(1.017)	87076	28.8615	21.8	9279(RH)
	96 o-Xylene	106	9.661	9.669	(1.057)	43112	14.5290	11.0	(R)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
99 Styrene	104	9.703	9.711	(1.062)	75480	14.6780	11.1	8741(R)
100 Bromoform ++	173	9.735	9.743	(1.065)	31176	15.6800	11.9	7868(R)
101 Isopropylbenzene	105	9.920	9.927	(1.085)	80886	11.6805	8.84	8980(R)
$ 103 Bromofluorobenzene	174	10.173	10.181	(1.113)	119274	54.9172	41.5	8693
104 Bromobenzene	77	10.268	10.276	(0.922)	53554	15.1691	11.5	7041(R)
105 n-Propylbenzene	91	10.273	10.281	(0.923)	101307	13.0533	9.87	7597(R)
106 1,1,2,2-Tetrachloroethane++	83	10.337	10.344	(0.928)	60306	18.4847	14.0	3339(R)
107 2-Chlorotoluene	91	10.416	10.424	(0.936)	72444	13.0978	9.91	9018(RH)
108 1,3,5-Trimethylbenzene	105	10.432	10.439	(0.937)	64398	12.2881	9.30	(R)
109 1,2,3-Trichloropropane	75	10.458	10.466	(0.939)	76011	19.8690	15.0	3594
110 trans-1,4-Dichloro-2-Butene	53	10.484	10.492	(0.942)	17449	21.3684	16.2	9038
111 4-Chlorotoluene	91	10.558	10.566	(0.948)	68211	13.9593	10.6	9078(R)
112 tert-butylbenzene	91	10.711	10.719	(0.962)	34444	11.5643	8.75	8906(R)
114 1,2,4-Trimethylbenzene	105	10.769	10.777	(0.967)	65284	12.4686	9.43	(R)
116 sec-Butylbenzene	105	10.864	10.867	(0.976)	67832	10.0910	7.63	(R)
117 p-Isopropyltoluene	119	10.980	10.983	(0.986)	49552	9.66135	7.31	7090(R)
120 1,3-Dichlorobenzene	146	11.070	11.073	(0.994)	35707	12.5320	9.48	(R)
* 121 1,4-DICHLOROBENZENE-D4	152	11.134	11.136	(1.000)	104663	50.0000		8901
122 1,4-Dichlorobenzene	146	11.144	11.152	(1.001)	38741	12.1771	9.21	(R)
123 n-Butylbenzene	91	11.355	11.363	(1.020)	43897	8.74929	6.62	9028(R)
M 124 TOTAL XYLENE	106				130188	43.3905	32.8	0(R)
125 1,2-Dichlorobenzene	146	11.535	11.543	(1.036)	34516	12.0476	9.11	(R)
126 1,2-Dibromo-3-Chloropropane	157	12.363	12.371	(1.110)	9770	14.2968	10.8	5742(R)
127 Hexachlorobutadiene	225	13.134	13.142	(1.180)	3912	4.20130	3.18	8776(R)
128 1,2,4-Trichlorobenzene	180	13.197	13.200	(1.185)	12429	8.13594	6.15	(R)
129 Napthalene	128	13.577	13.585	(1.220)	41974	11.0347	8.35	6827(R)
130 1,2,3-Trichlorobenzene	180	13.778	13.786	(1.238)	13452	7.69896	5.82	(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060723.s.b/v4523msd.d

Date : 23-JUL-2006 13:33

Client ID: SL8SB99-198-(1-2) M

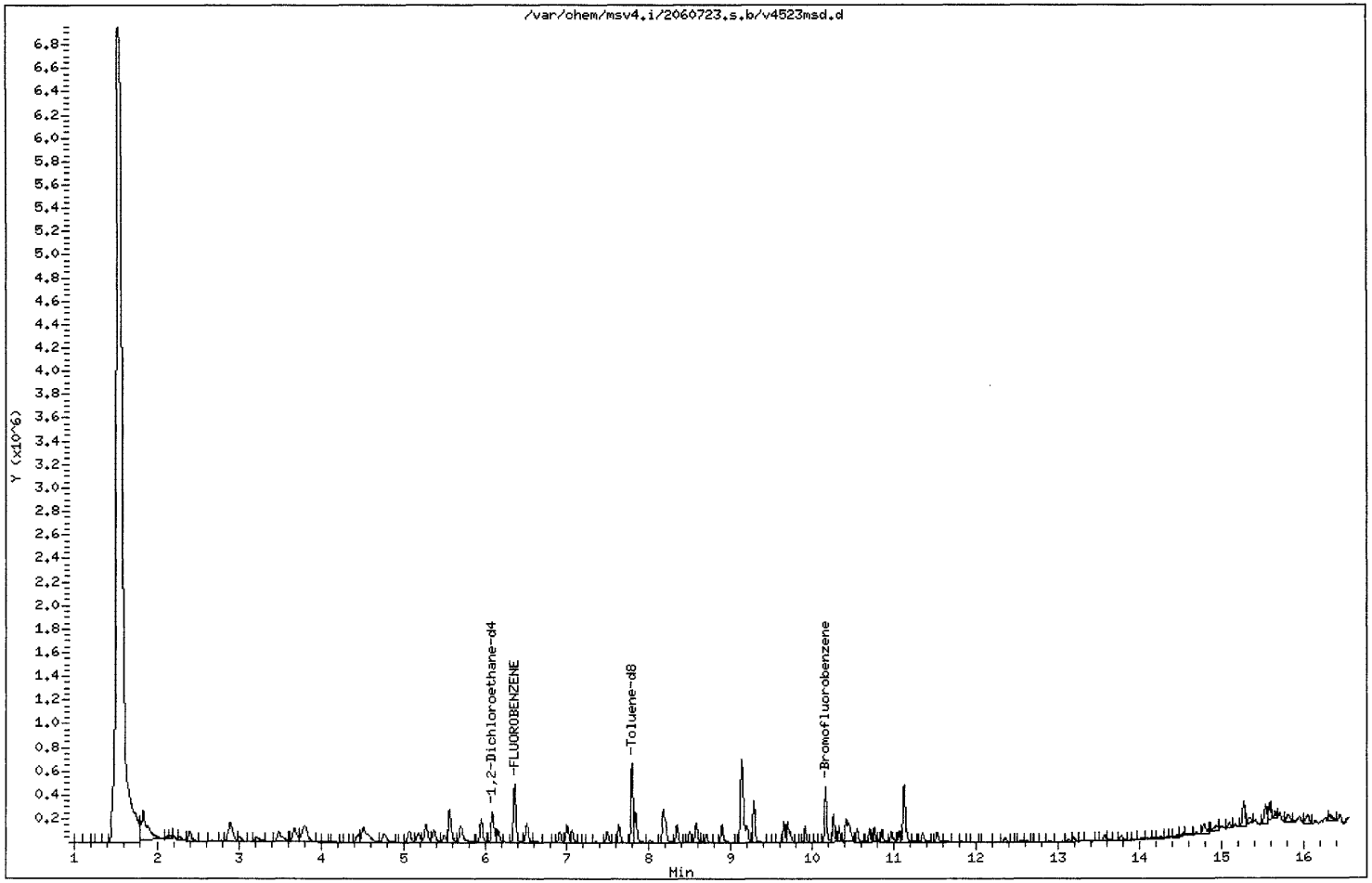
Instrument: msv4.i

Sample Info: 20607191626MSL8SB99-198-(1-2) MSD

Operator: RSS

Column phase: DB-624-30M

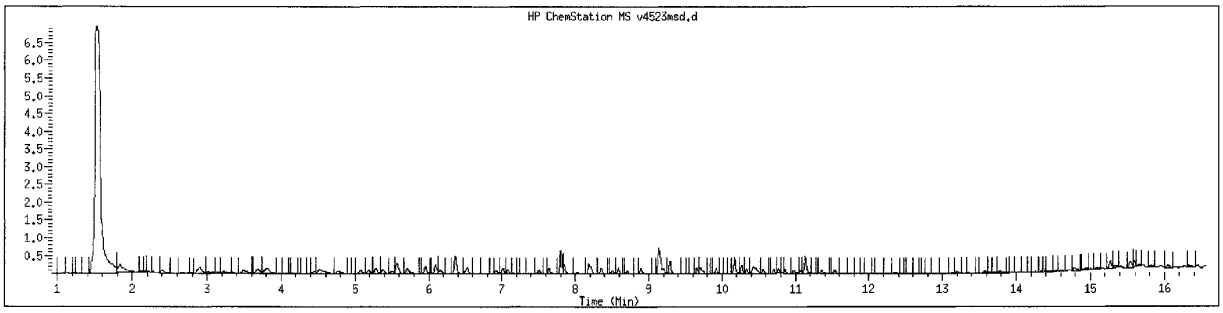
Column diameter: 0.53



Data file : /var/chem/msv4.i/2060723.s.b/v4523msd.d Page: 1
Report Date: 07/24/2006 16:07

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607191626	SampleType	: MSD
Injection Date	: 23-JUL-2006 13:33	Instrument	: msv4.i
Operator	: RSS		
Sample Info	: 20607191626*SL8SB99-198-(1-2) MSD		
Misc Info	: MSV~8738~*1*RSS		
Method	: /var/chem/msv4.i/2060723.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



NO MANUAL INTEGRATIONS

188674

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SF3SB45-090-(1-2)MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.94 (g/ml) g

Lab Sample ID: 20607200604

Level: (low/med) LOW

Lab File ID: 2060723/V4533

% Moisture: not dec. 24.6

Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV4

Date Analyzed: 07/23/06 Time: 1738

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	24.3		0.196	5.58
71-55-6	1,1,1-Trichloroethane	26.4		0.137	5.58
79-34-5	1,1,2,2-Tetrachloroethane	32.9		0.201	5.58
79-00-5	1,1,2-Trichloroethane	27.0		0.127	5.58
75-34-3	1,1-Dichloroethane	28.4		0.177	5.58
75-35-4	1,1-Dichloroethene	29.6		0.401	5.58
563-58-6	1,1-Dichloropropene	24.9		0.145	5.58
96-18-4	1,2,3-Trichloropropane	31.4		0.273	2.23
120-82-1	1,2,4-Trichlorobenzene	15.4		0.365	5.58
95-63-6	1,2,4-Trimethylbenzene	18.8		0.221	5.58
96-12-8	1,2-Dibromo-3-chloropropane	32.3		0.966	5.58
106-93-4	1,2-Dibromoethane	29.6		0.167	5.58
95-50-1	1,2-Dichlorobenzene	22.3		0.127	5.58
107-06-2	1,2-Dichloroethane	27.7		0.127	5.58
78-87-5	1,2-Dichloropropane	25.5		0.125	5.58
108-67-8	1,3,5-Trimethylbenzene	18.2		0.182	5.58
541-73-1	1,3-Dichlorobenzene	19.4		0.263	5.58
142-28-9	1,3-Dichloropropane	28.0		0.152	5.58
106-46-7	1,4-Dichlorobenzene	20.4		0.470	5.58
594-20-7	2,2-Dichloropropane	40.4		0.196	5.58
78-93-3	2-Butanone	24.8		0.348	5.58
110-75-8	2-Chloroethylvinyl ether	5.58	U	2.35	5.58
95-49-8	2-Chlorotoluene	19.1		0.167	5.58
591-78-6	2-Hexanone	32.3		0.922	5.58
106-43-4	4-Chlorotoluene	21.6		0.363	5.58
99-87-6	4-Isopropyltoluene	15.0		0.180	5.58
108-10-1	4-Methyl-2-pentanone	31.3		0.193	5.58
67-64-1	Acetone	73.8		0.417	27.9
107-02-8	Acrolein	146		2.61	27.9
107-13-1	Acrylonitrile	142		0.794	27.9
71-43-2	Benzene	26.8		0.116	5.58

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SF3SB45-090-(1-2)MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.94 (g/ml) g Lab Sample ID: 20607200604

Level: (low/med) LOW Lab File ID: 2060723/V4533

% Moisture: not dec. 24.6 Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1738

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	25.2		0.262	5.58
75-27-4	Bromodichloromethane	26.5		0.151	5.58
75-25-2	Bromoform	25.8		0.189	5.58
74-83-9	Bromomethane	23.7		1.68	5.58
104-51-8	n-Butylbenzene	14.2		0.199	5.58
75-15-0	Carbon disulfide	28.6		0.122	5.58
56-23-5	Carbon tetrachloride	25.7		0.134	5.58
108-90-7	Chlorobenzene	23.1		0.184	5.58
75-00-3	Chloroethane	26.4		0.676	5.58
67-66-3	Chloroform	26.9		0.157	5.58
74-87-3	Chloromethane	27.2		0.518	5.58
110-82-7	Cyclohexane	15.1		1.23	5.58
124-48-1	Dibromochloromethane	27.4		0.100	5.58
74-95-3	Dibromomethane	27.4		0.174	5.58
75-71-8	Dichlorodifluoromethane	36.1		0.406	5.58
10061-01-5	cis-1,3-Dichloropropene	26.0		0.128	5.58
10061-02-6	trans-1,3-Dichloropropene	27.4		0.157	5.58
100-41-4	Ethylbenzene	20.5		0.231	5.58
87-68-3	Hexachlorobutadiene	6.95		1.39	5.58
98-82-8	Isopropylbenzene (Cumene)	16.7		0.171	5.58
79-20-9	Methyl Acetate	44.9		1.71	5.58
74-88-4	Methyl iodide	30.1		1.01	5.58
108-87-2	Methylcyclohexane	11.4		0.413	5.58
75-09-2	Methylene chloride	22.7		0.534	11.2
91-20-3	Naphthalene	23.7		0.420	5.58
100-42-5	Styrene	45.6		0.170	5.58
127-18-4	Tetrachloroethene	23.1		0.214	5.58
108-88-3	Toluene	30.6		0.614	5.58
79-01-6	Trichloroethene	25.6		0.197	5.58
75-69-4	Trichlorofluoromethane	25.8		0.281	5.58
76-13-1	Trichlorotrifluoroethane	21.5		0.210	5.58
108-05-4	Vinyl acetate	27.6		1.09	5.58

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SF3SB45-090-(1-2)MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.94 (g/ml) g Lab Sample ID: 20607200604

Level: (low/med) LOW Lab File ID: 2060723/V4533

% Moisture: not dec. 24.6 Date Collected: 07/18/06 Time: 1625

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1738

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	32.2		0.392	5.58
1330-20-7	Xylene (total)	62.3		0.638	11.2
156-59-2	cis-1,2-Dichloroethene	27.7		0.141	5.58
136777-61-	m,p-Xylene	40.7		0.444	5.58
103-65-1	n-Propylbenzene	18.0		0.156	5.58
95-47-6	o-Xylene	21.6		0.194	5.58
135-98-8	sec-Butylbenzene	14.7		0.131	5.58
1634-04-4	tert-Butyl methyl ether (MTBE)	28.5		0.083	5.58
98-06-6	tert-Butylbenzene	16.7		0.281	5.58
156-60-5	trans-1,2-Dichloroethene	28.4		0.183	5.58
110-57-6	trans-1,4-Dichloro-2-butene	37.5		0.804	5.58

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4533.d
Lab Smp Id: 20607200604 Client Smp ID: SF3SB45-090-(1-2)MS
Inj Date : 23-JUL-2006 17:38
Operator : RSS Inst ID: msv4.i
Smp Info : 20607200604*SF3SB45-090-(1-2)MSD
Misc Info : MSV~8738~*1*RSS
Comment :
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Meth Date : 23-Jul-2006 14:09 rss Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 20 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	5.94000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.652	1.656	(0.260)	98025	32.2550	27.2	5614
2 Chloromethane ++	50	1.832	1.825	(0.288)	97922	24.2979	20.5	5403
3 Vinyl Chloride +	62	1.890	1.894	(0.297)	81552	28.8410	24.3	7735
5 Bromomethane	94	2.164	2.168	(0.340)	30839	21.3016	17.9	7688
7 Chloroethane	64	2.286	2.279	(0.359)	34554	23.6969	19.9	8971
8 Trichlorofluoromethane	101	2.402	2.406	(0.377)	66975	23.1779	19.5	9197
10 1,1-Dichloroethene +	96	2.877	2.881	(0.452)	38027	26.4465	22.3	7509
11 Carbon Disulfide	76	2.903	2.913	(0.456)	172780	25.6320	21.6	8230
12 1,1,2Trichlotrifluoroethane	101	2.914	2.928	(0.458)	38669	19.2698	16.2	8159
13 Methyl Iodide	142	3.014	3.023	(0.473)	53941	26.9453	22.7	7284
14 Acrolein	56	3.220	3.240	(0.506)	68551	131.043	110	3437
15 Methylene Chloride	49	3.489	3.504	(0.548)	94951	20.3201	17.1	8562
17 Acetone	43	3.542	3.588	(0.556)	109680	66.1204	55.7	5385(RH)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.679	3.683	(0.578)	74331	25.4426	21.4	6965
	19 Methyl Acetate	43	3.711	3.710	(0.583)	151159	40.2722	33.9	5355(H)
	20 Hexane	57	3.795	3.789	(0.596)	81218	16.2935	13.7	8155(R)
	21 MTBE	73	3.816	3.826	(0.600)	187019	25.5853	21.5	6262
	26 1,1-Dichloroethane ++	63	4.450	4.459	(0.699)	98057	25.3797	21.4	8711
	27 Acrylonitrile	53	4.513	4.538	(0.709)	256316	127.599	107	6701
	30 Vinyl Acetate	43	4.772	4.786	(0.750)	169395	24.6758	20.8	
	31 cis-1,2-Dichloroethene	61	5.073	5.077	(0.797)	79758	24.7720	20.9	7462
	33 2,2-Dichloropropane	77	5.178	5.193	(0.813)	94960	36.2799	30.5	6339(R)
	35 Cyclohexane	56	5.278	5.282	(0.829)	46087	13.5906	11.4	6247(R)
	37 Bromochloromethane	128	5.284	5.298	(0.830)	29700	27.4881	23.1	7987
	39 Chloroform +	83	5.373	5.388	(0.844)	92009	24.0803	20.3	9069
	42 Carbon Tetrachloride	117	5.505	5.515	(0.865)	44817	23.0714	19.4	8682
$	44 Dibromofluoromethane	111	5.569	5.578	(0.875)	136582	53.8201	45.3	5460
	45 1,1,1-Trichloroethane	97	5.579	5.589	(0.876)	62823	23.6961	19.9	9340
	46 2-Butanone	43	5.706	5.731	(0.896)	144255	22.2299	18.7	
	47 1,1-Dichloropropene	75	5.711	5.721	(0.897)	55426	22.3331	18.8	8373
	53 Benzene	78	5.959	5.969	(0.936)	175330	24.0553	20.2	8331
$	54 1,2-Dichloroethane-d4	67	6.097	6.106	(0.958)	91269	53.0060	44.6	9434
	55 1,2-Dichloroethane	62	6.165	6.175	(0.968)	98159	24.8568	20.9	8458
*	58 FLUOROBENZENE	96	6.366	6.380	(1.000)	368899	50.0000		9444
	59 Methyl cyclohexane	83	6.508	6.523	(1.022)	27298	10.2280	8.61	8931(R)
	60 Trichloroethene	130	6.529	6.539	(1.026)	41391	22.9709	19.3	8975
	62 Dibromomethane	93	6.920	6.935	(1.087)	46738	24.5732	20.7	8700
	64 1,2-Dichloropropane +	63	7.010	7.024	(1.101)	55693	22.7948	19.2	9019
M	65 Total 1,2-Dichloroethene	61				154089	50.1820	42.2	0
	67 Bromodichloromethane	83	7.078	7.088	(1.112)	74217	23.7060	20.0	8973
	71 1-Bromo-2-chloroethane	144	7.501	7.515	(1.178)	9790	26.3480	22.2	8784
	74 cis-1,3-Dichloropropene	75	7.643	7.652	(1.201)	84917	23.2616	19.6	
M	75 1-3 Dichloropropene-Total	100				167369	45.3487	38.2	0
$	76 Toluene-d8	98	7.807	7.811	(0.854)	348563	63.2773	53.3	9335
	77 Toluene +	91	7.849	7.858	(0.859)	177192	27.4046	23.1	9209
	80 Tetrachloroethene	164	8.181	8.191	(0.895)	22537	20.6171	17.4	8743
	81 4-methyl-2-pentanone	43	8.187	8.196	(0.895)	204589	28.0313	23.6	
	82 trans-1,3-Dichloropropene	75	8.218	8.223	(0.899)	82452	24.5469	20.7	
	83 1,1,2-Trichloroethane	97	8.350	8.360	(0.913)	48609	24.2146	20.4	8882
	85 Dibromochloromethane	129	8.503	8.513	(0.930)	52628	24.6253	20.7	8537
	86 1,3-Dichloropropane	76	8.588	8.597	(0.939)	86947	25.0400	21.1	8737
	87 1,2-Dibromoethane(EDB)	107	8.709	8.719	(0.953)	61114	26.4719	22.3	8305
	88 2-Hexanone	43	8.899	8.909	(0.973)	172349	29.0188	24.4	7890
	89 1-Chlorohexane	91	9.132	9.136	(0.999)	25550	11.9834	10.1	4241(R)
*	90 Chlorobenzene-d5	82	9.142	9.146	(1.000)	141596	50.0000		8905
	91 Chlorobenzene ++	112	9.158	9.162	(1.002)	92896	20.6995	17.4	8242
	92 Ethylbenzene +	91	9.174	9.178	(1.003)	140810	18.4097	15.5	7666(R)
	93 1,1,1,2-Tetrachloroethane	133	9.205	9.215	(1.007)	33877	21.7621	18.3	7916
	95 p,m-Xylene	106	9.295	9.299	(1.017)	95437	36.4628	30.7	9408(R)
	96 o-Xylene	106	9.659	9.669	(1.057)	49982	19.4161	16.3	(R)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
99 Styrene	104	9.707	9.711	(1.062)	182052	40.8078	34.4	8663(R)
100 Bromoform ++	173	9.739	9.743	(1.065)	39864	23.1110	19.5	8255
101 Isopropylbenzene	105	9.923	9.927	(1.085)	89718	14.9341	12.6	9172(R)
$ 103 Bromofluorobenzene	174	10.177	10.181	(1.113)	98921	52.5004	44.2	8905
104 Bromobenzene	77	10.266	10.276	(0.922)	66197	22.6053	19.0	7018
105 n-Propylbenzene	91	10.277	10.281	(0.923)	104280	16.1989	13.6	7607(R)
106 1,1,2,2-Tetrachloroethane++	83	10.340	10.344	(0.929)	79617	29.4212	24.8	3355
107 2-Chlorotoluene	91	10.562	10.566	(0.949)	78502	17.1111	14.4	8998(R)
108 1,3,5-Trimethylbenzene	105	10.435	10.439	(0.937)	70741	16.2738	13.7	(R)
109 1,2,3-Trichloropropane	75	10.462	10.466	(0.940)	89368	28.1634	23.7	3532
110 trans-1,4-Dichloro-2-Butene	53	10.488	10.492	(0.942)	22763	33.6073	28.3	9099
111 4-Chlorotoluene	91	10.562	10.566	(0.949)	78502	19.3684	16.3	9225(R)
112 tert-butylbenzene	91	10.710	10.719	(0.962)	37068	15.0040	12.6	8938(R)
114 1,2,4-Trimethylbenzene	105	10.768	10.777	(0.967)	73375	16.8952	14.2	(R)
116 sec-Butylbenzene	105	10.863	10.867	(0.976)	73422	13.1683	11.1	(R)
117 p-Isopropyltoluene	119	10.979	10.983	(0.986)	57321	13.4739	11.3	6659(R)
120 1,3-Dichlorobenzene	146	11.069	11.073	(0.994)	41014	17.3541	14.6	(R)
* 121 1,4-DICHLOROBENZENE-D4	152	11.132	11.136	(1.000)	86814	50.0000		8857
122 1,4-Dichlorobenzene	146	11.148	11.152	(1.001)	48203	18.2663	15.4	(R)
123 n-Butylbenzene	91	11.354	11.363	(1.020)	52669	12.6560	10.7	7086(R)
M 124 TOTAL XYLENE	106				145419	55.8789	47.0	0(R)
125 1,2-Dichlorobenzene	146	11.539	11.543	(1.036)	47461	19.9719	16.8	(R)
126 1,2-Dibromo-3-Chloropropane	157	12.367	12.371	(1.111)	17095	29.0401	24.4	5633
127 Hexachlorobutadiene	225	13.133	13.142	(1.180)	4809	6.22649	5.24	7681(R)
128 1,2,4-Trichlorobenzene	180	13.196	13.200	(1.185)	19071	13.7374	11.6	(R)
129 Napthalene	128	13.576	13.585	(1.220)	80384	21.2397	17.9	6634(H)
130 1,2,3-Trichlorobenzene	180	13.782	13.786	(1.238)	19295	13.3135	11.2	(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060723.s.b/v4533msd.d

Page 1

Date : 23-JUL-2006 17:38

Client ID: SF3SB45-090-(1-2)MS

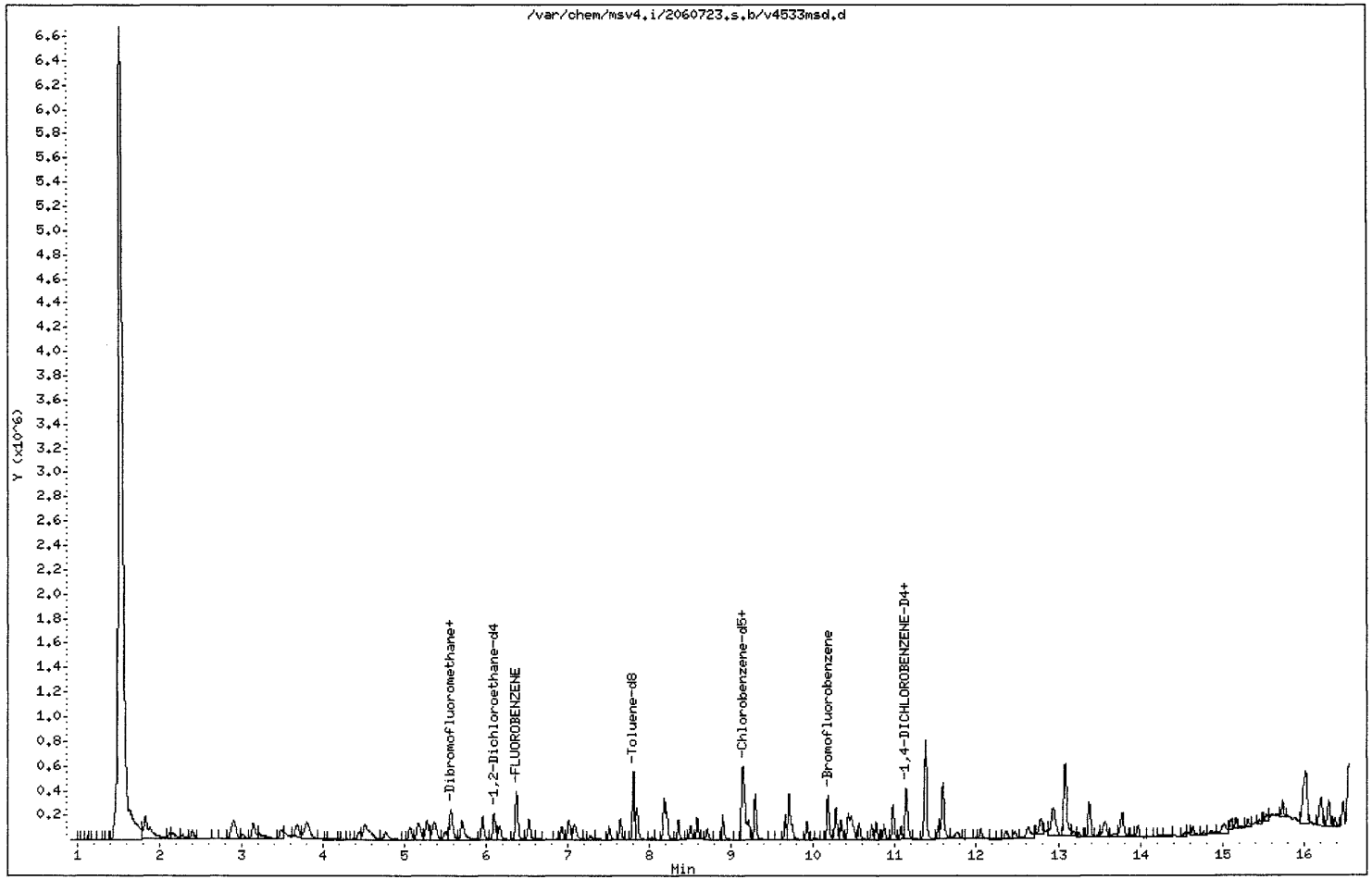
Instrument: msv4.i

Sample Info: 20607200604*SF3SB45-090-(1-2)MSD

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



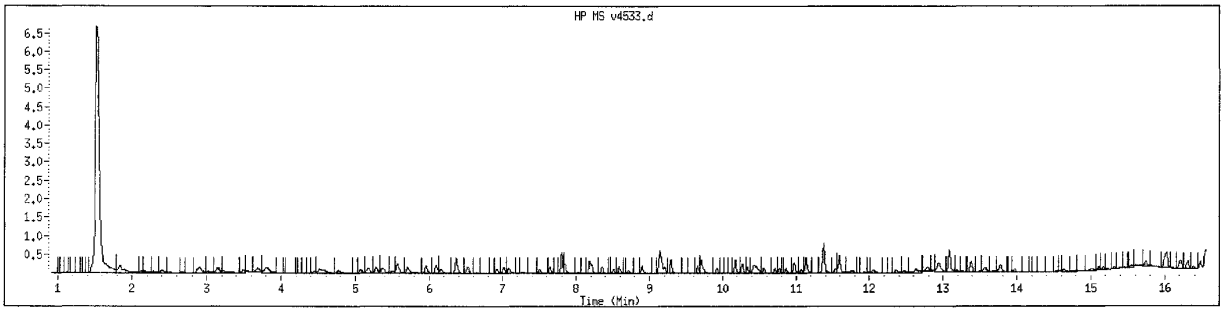
000700

188681

Data file : /var/chem/msv4.i/2060723.s.b/v4533.d Page: 1
Report Date: 07/23/2006 18:51

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200604	SampleType	: MSD
Injection Date	: 23-JUL-2006 17:38	Instrument	: msv4.i
Operator	: RSS		
Sample Info	: 20607200604*SF3SB45-090-(1-2)MSD		
Misc Info	: MSV~8738~*1*RSS		
Method	: /var/chem/msv4.i/2060723.s.b/8260Bs4.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: 8260b



NO MANUAL INTEGRATIONS

188682

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SG3SB55-110 -(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.57 (g/ml) g Lab Sample ID: 20607201223

Level: (low/med) LOW Lab File ID: 2060727P/G6624MSD

% Moisture: not dec. 25.7 Date Collected: 07/18/06 Time: 1600

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/28/06 Time: 0250

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	1690		22.6	1510
107-02-8	Acrolein	5000		141	1510
107-13-1	Acrylonitrile	7020		43.0	1510
75-27-4	Bromodichloromethane	1330		8.15	302
75-25-2	Bromoform	1130		10.2	302
74-83-9	Bromomethane	1220		90.9	302
75-15-0	Carbon disulfide	1360		6.58	302
56-23-5	Carbon tetrachloride	1510		7.24	302
75-00-3	Chloroethane	1120		36.6	302
136777-61-	m,p-Xylene	2800		24.0	302
67-66-3	Chloroform	1430		8.51	302
74-87-3	Chloromethane	1240		28.0	302
124-48-1	Dibromochloromethane	1190		5.43	302
74-95-3	Dibromomethane	1260		9.42	302
75-71-8	Dichlorodifluoromethane	1160		22.0	302
75-34-3	1,1-Dichloroethane	1450		9.60	302
107-06-2	1,2-Dichloroethane	1450		6.88	302
156-59-2	cis-1,2-Dichloroethene	1450		7.61	302
156-60-5	trans-1,2-Dichloroethene	1570		9.90	302
75-09-2	Methylene chloride	1430		28.9	604
78-87-5	1,2-Dichloropropane	1490		6.76	302
10061-01-5	cis-1,3-Dichloropropene	1360		6.94	302
10061-02-6	trans-1,3-Dichloropropene	1340		8.51	302
100-41-4	Ethylbenzene	1390		12.5	302
591-78-6	2-Hexanone	1070		49.9	302
98-82-8	Isopropylbenzene (Cumene)	1350		9.24	302
78-93-3	2-Butanone	1260		18.8	302
74-88-4	Methyl iodide	1610		54.7	302
108-10-1	4-Methyl-2-pentanone	1160		10.4	302
103-65-1	n-Propylbenzene	1440		8.45	302
100-42-5	Styrene	1360		9.18	302

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SG3SB55-110 -(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.57 (g/ml) g Lab Sample ID: 20607201223

Level: (low/med) LOW Lab File ID: 2060727P/G6624MSD

% Moisture: not dec. 25.7 Date Collected: 07/18/06 Time: 1600

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/28/06 Time: 0250

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1300		11.6	302
630-20-6	1,1,1,2-Tetrachloroethane	1220		10.6	302
79-34-5	1,1,2,2-Tetrachloroethane	1160		10.9	302
120-82-1	1,2,4-Trichlorobenzene	1610		19.7	302
71-55-6	1,1,1-Trichloroethane	1440		7.43	302
79-00-5	1,1,2-Trichloroethane	1290		6.88	302
75-69-4	Trichlorofluoromethane	499		15.2	302
96-18-4	1,2,3-Trichloropropane	1190		14.8	121
95-63-6	1,2,4-Trimethylbenzene	1450		12.0	302
108-67-8	1,3,5-Trimethylbenzene	1430		9.84	302
75-01-4	Vinyl chloride	1440		21.2	302
95-47-6	o-Xylene	1440		10.5	302
96-12-8	1,2-Dibromo-3-chloropropane	1150		52.3	302
106-93-4	1,2-Dibromoethane	1280		9.06	302
108-05-4	Vinyl acetate	1320		59.1	302
1634-04-4	tert-Butyl methyl ether (MTBE)	1210		4.47	302
99-87-6	4-Isopropyltoluene	1360		9.72	302
1330-20-7	Xylene (total)	4240		34.5	604
108-87-2	Methylcyclohexane	1390		22.3	302
110-57-6	trans-1,4-Dichloro-2-butene	1200		43.5	302
110-82-7	Cyclohexane	1350		66.8	302
594-20-7	2,2-Dichloropropane	1330		10.6	302
79-20-9	Methyl Acetate	3130		92.3	302
76-13-1	Trichlorotrifluoroethane	1320		11.4	302
563-58-6	1,1-Dichloropropene	1300		7.85	302
110-75-8	2-Chloroethylvinyl ether	1760		127	302
142-28-9	1,3-Dichloropropane	1370		8.21	302
108-86-1	Bromobenzene	1410		14.2	302
95-49-8	2-Chlorotoluene	1440		9.06	302
106-43-4	4-Chlorotoluene	1410		19.6	302
98-06-6	tert-Butylbenzene	1390		15.2	302
135-98-8	sec-Butylbenzene	1410		7.06	302

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SG3SB55-110 -(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 5.57 (g/ml) g

Lab Sample ID: 20607201223

Level: (low/med) LOW

Lab File ID: 2060727P/G6624MSD

% Moisture: not dec. 25.7

Date Collected: 07/18/06 Time: 1600

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/28/06 Time: 0250

Soil Extract Volume: (µL)

Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	1430		14.2	302
106-46-7	1,4-Dichlorobenzene	1450		25.4	302
104-51-8	n-Butylbenzene	1450		10.7	302
95-50-1	1,2-Dichlorobenzene	1450		6.88	302
87-68-3	Hexachlorobutadiene	1390		75.2	302
91-20-3	Naphthalene	1840		22.7	302
75-35-4	1,1-Dichloroethene	1430		21.7	302
71-43-2	Benzene	1370		6.28	302
79-01-6	Trichloroethene	1400		10.7	302
108-88-3	Toluene	1240		33.2	302
108-90-7	Chlorobenzene	1360		9.96	302

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6622msd.d
Lab Smp Id: 20607201206 Client Smp ID: SH6SB67-134-(1-2) M
Inj Date : 28-JUL-2006 02:01
Operator : KCB Inst ID: msv5.i
Smp Info : 20607201206*SH6SB67-134-(1-2) MSD
Misc Info : MSV~8768~*50*RSS
Comment :
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Meth Date : 17-Aug-2006 07:36 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 4 QC Sample: MSD
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	6.53000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	1 Dichlorodifluoromethane	85	1.407	1.413	(0.259)	91751	20.4662	784	
	2 Chloromethane ++	50	1.571	1.571	(0.289)	123127	21.0768	807	
	3 Vinyl Chloride +	62	1.635	1.641	(0.301)	94267	24.3365	932	
	5 Bromomethane	94	1.904	1.910	(0.350)	42623	19.8613	760	
X	6 1-3 Dichloropropene-Total	100				271520	47.6055	1820	0
	8 Chloroethane	64	1.998	2.004	(0.368)	6904	18.1182	694	
	9 Trichlorofluoromethane	101	2.092	2.145	(0.385)	27937	8.89330	340	(R)
	11 1,1-Dichloroethene +	96	2.589	2.619	(0.476)	39920	24.2067	927	
	12 Carbon Disulfide	76	2.601	2.642	(0.478)	193843	23.4387	897	
	13 1,1,2Trichlotrifluoroethane	101	2.636	2.671	(0.485)	53648	22.6316	866	
	14 Methyl Iodide	142	2.730	2.760	(0.502)	92262	25.5311	977	
	15 Acrolein	56	2.964	2.970	(0.545)	29875	91.1766	3490	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	17 Methylene Chloride	49	3.215	3.228	(0.592)	84512	24.4156	935	
	18 Acetone	43	3.297	3.292	(0.607)	22556	24.6857	945	
	19 trans-1,2-Dichloroethene	61	3.373	3.397	(0.621)	70252	24.2161	927	
	20 Methyl Acetate	43	3.461	3.421	(0.637)	120202	51.3583	1970	5090(RM)
	21 Hexane	57	3.455	3.480	(0.636)	79753	16.5280	633	8764
	22 MTBE	73	3.520	3.521	(0.648)	141642	21.3501	817	6923
	27 1,1-Dichloroethane ++	63	3.970	3.983	(0.730)	119335	23.8561	913	
	29 Acrylonitrile	53	4.029	4.030	(0.741)	177137	119.780	4590	
	30 Vinyl Acetate	43	4.210	4.211	(0.775)	184391	25.0996	961	
	31 cis-1,2-Dichloroethene	61	4.439	4.451	(0.817)	103328	23.5638	902	
	32 2,2-Dichloropropane	77	4.532	4.539	(0.834)	89828	22.9506	879	
	33 Bromochloromethane	128	4.603	4.616	(0.847)	37784	24.2490	928	
	34 Cyclohexane	56	4.603	4.610	(0.847)	120861	22.4611	860	6321
	35 Chloroform +	83	4.673	4.674	(0.860)	129238	24.3146	931	
	36 Carbon Tetrachloride	117	4.779	4.780	(0.879)	72867	20.2198	774	
$	39 Dibromofluoromethane	111	4.814	4.821	(0.886)	199673	56.4199	2160	3871
	40 1,1,1-Trichloroethane	97	4.832	4.833	(0.889)	88157	22.8499	875	
	42 2-Butanone	43	4.931	4.921	(0.907)	48477	21.5770	826	
	43 1,1-Dichloropropene	75	4.926	4.933	(0.906)	91601	21.2051	812	
	45 Benzene	78	5.119	5.126	(0.942)	277450	22.9947	880	
$	48 1,2-Dichloroethane-d4	67	5.224	5.232	(0.961)	111191	55.8861	2140	
	49 1,2-Dichloroethane	62	5.277	5.279	(0.971)	103388	24.9435	955	
*	52 FLUOROBENZENE	96	5.435	5.437	(1.000)	643386	50.0000		
	53 Methyl Cyclohexane	83	5.552	5.554	(1.022)	121448	23.1288	885	9052
	54 Trichloroethene	130	5.564	5.566	(1.024)	72338	24.0055	919	
	57 Dibromomethane	93	5.863	5.871	(1.079)	58319	21.6647	829	
	59 1,2-Dichloropropane +	63	5.939	5.941	(1.093)	88541	24.8629	952	
	60 Bromodichloromethane	83	5.986	5.988	(1.101)	105184	22.4904	861	
M	61 Total 1,2-Dichloroethene	61				173580	47.7798	1830	
	64 1-Bromo-2-chloroethane	63	6.325	6.327	(1.164)	137448	22.7421	871	7229
	65 2-Chloroethyl vinyl ether	63	6.378	6.380	(1.173)	23922	9.76598	374	(R)
	66 cis-1,3-Dichloropropene	75	6.425	6.427	(1.182)	140765	23.7078	908	
$	67 Toluene-d8	98	6.554	6.556	(0.860)	626540	53.0812	2030	
	69 Toluene +	91	6.589	6.592	(0.865)	319430	20.8266	797	
	71 4-methyl-2-pentanone	43	6.853	6.843	(1.261)	99759	19.0552	730	
	72 Tetrachloroethene	164	6.853	6.861	(0.899)	57578	21.1851	811	
	73 trans-1,3-Dichloropropene	75	6.876	6.873	(0.902)	130755	23.1928	888	
	75 1,1,2-Trichloroethane	97	6.987	6.984	(0.917)	76099	21.7489	833	
	76 Dibromochloromethane	129	7.116	7.113	(0.934)	84070	20.6753	792	
	77 1,3-Dichloropropane	76	7.175	7.178	(0.942)	136410	22.7912	873	
	79 1,2-Dibromoethane(EDB)	107	7.280	7.284	(0.955)	89268	21.9574	841	
	80 2-Hexanone	43	7.415	7.407	(0.973)	69169	17.3721	665	(M)
	82 1-Chlorohexane	91	7.597	7.600	(0.997)	131552	22.3692	856	9462
*	83 CHLOROBENZENE-d5	82	7.620	7.623	(1.000)	290109	50.0000		
	84 Chlorobenzene ++	112	7.632	7.629	(1.002)	205899	23.0265	882	
	85 Ethylbenzene +	106	7.638	7.641	(1.002)	110149	22.8368	874	
	86 1,1,1,2-Tetrachloroethane	133	7.673	7.671	(1.007)	69725	22.5016	861	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	87 p,m-Xylene	106	7.738	7.736	(1.015)	273788	48.9009	1870	
	89 o-Xylene	106	8.031	8.034	(1.054)	139235	24.7554	948	
	90 Styrene	104	8.066	8.064	(1.058)	239719	23.2002	888	
	91 Bromoform ++	173	8.101	8.099	(1.063)	57943	19.1445	733	
	93 Isopropylbenzene	105	8.236	8.240	(1.081)	336017	23.5237	901	(H)
$	94 Bromofluorobenzene	174	8.447	8.445	(1.108)	198807	52.2594	2000	
	95 n-Propylbenzene	91	8.517	8.521	(0.926)	461548	23.4911	899	
	96 Bromobenzene	77	8.523	8.527	(0.927)	175055	22.5627	864	
	97 1,1,2,2-Tetrachloroethane++	83	8.570	8.569	(0.932)	116268	19.2690	738	
	98 2-Chlorotoluene	91	8.641	8.645	(0.940)	307133	23.7377	909	
	99 1,3,5-Trimethylbenzene	105	8.647	8.645	(0.941)	297064	23.8411	913	
	100 1,2,3-Trichloropropane	75	8.676	8.675	(0.944)	129576	19.6634	753	
	101 trans-1,4-Dichloro-2-Butene	53	8.688	8.687	(0.945)	22219	17.8572	684	
	103 4-Chlorotoluene	91	8.753	8.757	(0.952)	278823	23.3423	894	(H)
	104 tert-butylbenzene	91	8.870	8.869	(0.965)	178556	22.7909	873	
	106 1,2,4-Trimethylbenzene	105	8.911	8.916	(0.969)	306423	23.9500	917	
	107 sec-Butylbenzene	105	8.988	8.987	(0.978)	412213	23.0827	884	
	108 p-Isopropyltoluene	119	9.070	9.069	(0.987)	318081	22.5234	862	
	110 1,3-Dichlorobenzene	146	9.152	9.151	(0.996)	161588	22.1751	849	
*	111 1,4-DICHLOROBENZENE-D4	152	9.193	9.199	(1.000)	246486	50.0000		
	112 1,4-Dichlorobenzene	146	9.205	9.205	(1.001)	180447	23.6879	907	
	115 n-Butylbenzene	91	9.346	9.345	(1.017)	353032	23.3371	893	
	116 1,2-Dichlorobenzene	146	9.481	9.486	(1.031)	169879	23.3014	892	
	120 1,2-Dibromo-3-Chloropropane	157	9.990	9.990	(1.087)	21202	16.8777	646	
	122 Hexachlorobutadiene	225	10.365	10.371	(1.127)	59305	22.1107	847	
	123 1,2,4-Trichlorobenzene	180	10.400	10.407	(1.131)	122792	25.7664	986	
M	124 TOTAL XYLENE	106				413023	73.6563	2820	
	125 Naphthalene	128	10.617	10.624	(1.155)	328971	28.6013	1090	
	126 1,2,3-Trichlorobenzene	180	10.741	10.747	(1.168)	121467	25.7057	984	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060727p.s.b/g6622msd.d

Page 1

Date : 28-JUL-2006 02:01

Client ID: SH6SB67-134-(1-2) M

Instrument: msv5.i

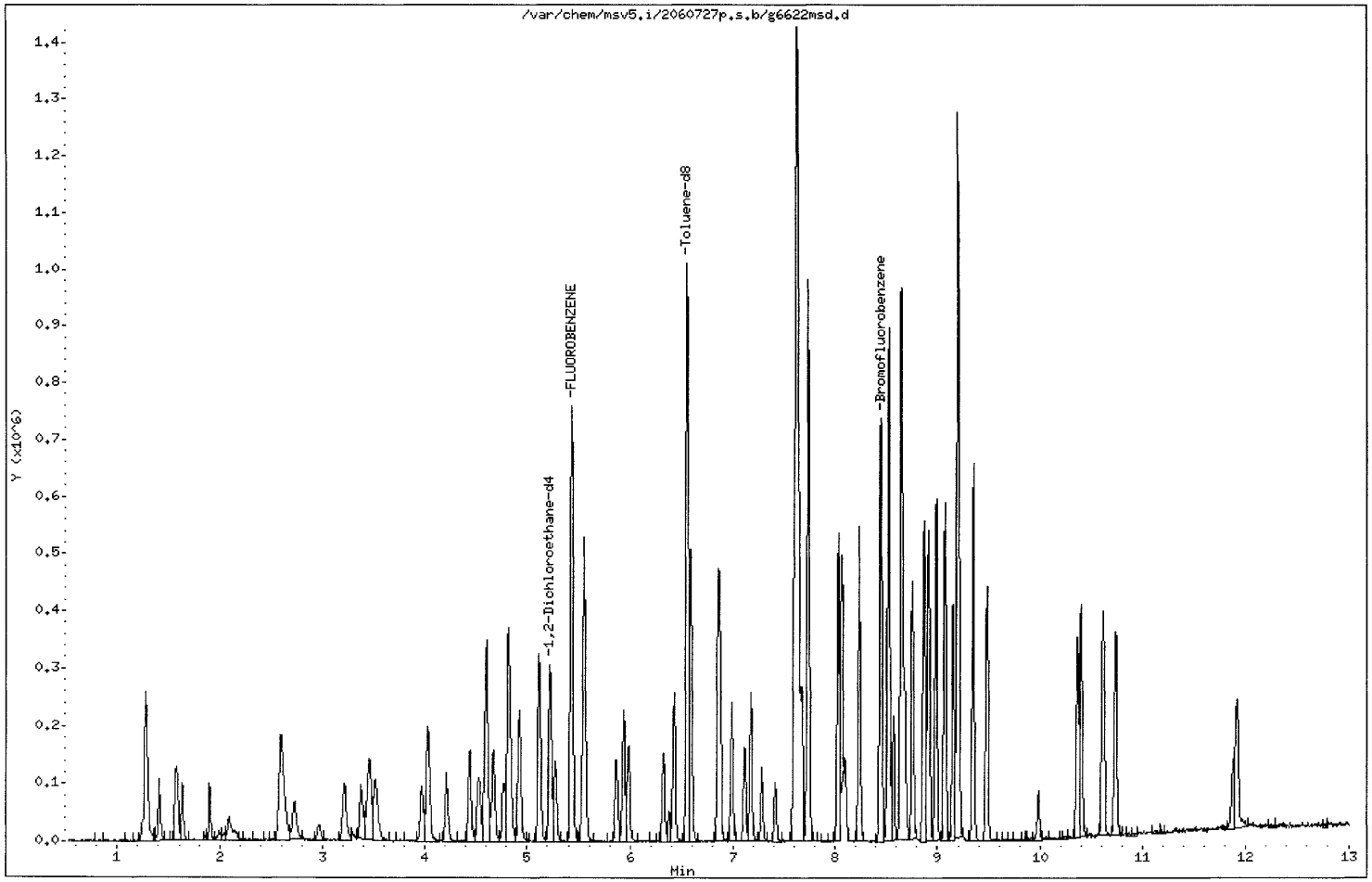
Sample Info: 20607201206*SH6SB67-134-(1-2) MSD

Purge Volume: 5.0

Operator: KCB

Column phase: DB-VRX-30M

Column diameter: 0.53



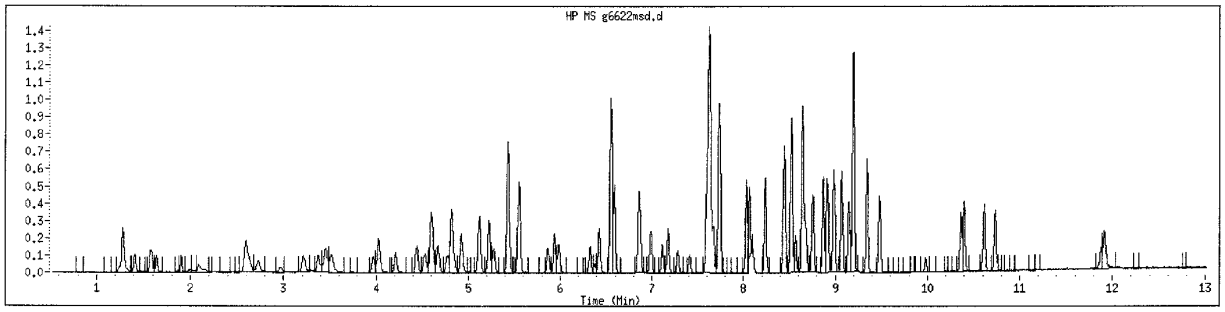
000717

188689

Data file : /var/chem/msv5.i/2060727p.s.b/g6622msd.d Page: 1
Report Date: 07/30/2006 19:24

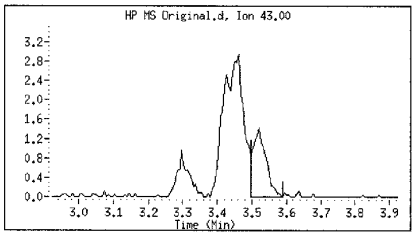
MANUAL INTEGRATION GRAPHIC REPORT

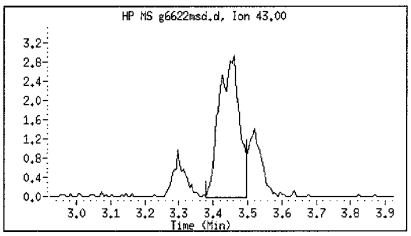
Lab ID : 20607201206 SampleType : MSD
Injection Date: 28-JUL-2006 02:01 Instrument : msv5.i
Operator : KCB
Sample Info : 20607201206*SH6SB67-134-(1-2) MSD
Misc Info : MSV~8768~*50*RSS
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Dilution : 50.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



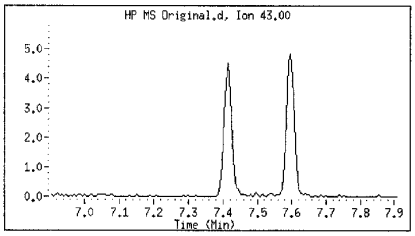
Original Final

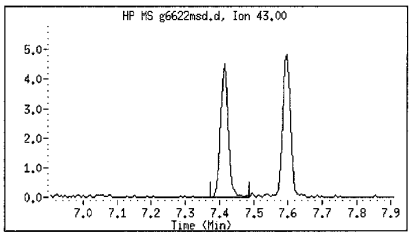
20 Methyl Acetate CAS#: 79-20-9





80 2-Hexanone CAS#: 591-78-6





188690

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SH6SB67-134-(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g

Lab Sample ID: 20607201206

Level: (low/med) LOW

Lab File ID: 2060727P/G6622MSD

% Moisture: not dec. 22.1

Date Collected: 07/19/06 Time: 0920

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/28/06 Time: 0201

Soil Extract Volume: (µL)

Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	1210	J	18.4	1230
107-02-8	Acrolein	4480		115	1230
107-13-1	Acrylonitrile	5890		35.0	1230
75-27-4	Bromodichloromethane	1110		6.64	246
75-25-2	Bromoform	941		8.31	246
74-83-9	Bromomethane	976		74.0	246
75-15-0	Carbon disulfide	1150		5.36	246
56-23-5	Carbon tetrachloride	994		5.90	246
75-00-3	Chloroethane	891		29.8	246
136777-61-	m,p-Xylene	2400		19.6	246
67-66-3	Chloroform	1200		6.93	246
74-87-3	Chloromethane	1040		22.8	246
124-48-1	Dibromochloromethane	1020		4.42	246
74-95-3	Dibromomethane	1060		7.67	246
75-71-8	Dichlorodifluoromethane	1010		17.9	246
75-34-3	1,1-Dichloroethane	1170		7.82	246
107-06-2	1,2-Dichloroethane	1230		5.60	246
156-59-2	cis-1,2-Dichloroethene	1160		6.19	246
156-60-5	trans-1,2-Dichloroethene	1190		8.06	246
75-09-2	Methylene chloride	1200		23.5	492
78-87-5	1,2-Dichloropropane	1220		5.51	246
10061-01-5	cis-1,3-Dichloropropene	1170		5.65	246
10061-02-6	trans-1,3-Dichloropropene	1140		6.93	246
100-41-4	Ethylbenzene	1120		10.2	246
591-78-6	2-Hexanone	854		40.6	246
98-82-8	Isopropylbenzene (Cumene)	1160		7.52	246
78-93-3	2-Butanone	1060		15.3	246
74-88-4	Methyl iodide	1250		44.5	246
108-10-1	4-Methyl-2-pentanone	937		8.51	246
103-65-1	n-Propylbenzene	1150		6.88	246
100-42-5	Styrene	1140		7.47	246

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SH6SB67-134-(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g Lab Sample ID: 20607201206

Level: (low/med) LOW Lab File ID: 2060727P/G6622MSD

% Moisture: not dec. 22.1 Date Collected: 07/19/06 Time: 0920

GC Column: DB-VRX-30 ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV5 Date Analyzed: 07/28/06 Time: 0201

Soil Extract Volume: (µL) Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	1040		9.44	246
630-20-6	1,1,1,2-Tetrachloroethane	1110		8.65	246
79-34-5	1,1,2,2-Tetrachloroethane	948		8.85	246
120-82-1	1,2,4-Trichlorobenzene	1270		16.1	246
71-55-6	1,1,1-Trichloroethane	1120		6.05	246
79-00-5	1,1,2-Trichloroethane	1070		5.60	246
75-69-4	Trichlorofluoromethane	437		12.4	246
96-18-4	1,2,3-Trichloropropane	967		12.0	98.3
95-63-6	1,2,4-Trimethylbenzene	1180		9.73	246
108-67-8	1,3,5-Trimethylbenzene	1170		8.01	246
75-01-4	Vinyl chloride	1200		17.3	246
95-47-6	o-Xylene	1220		8.55	246
96-12-8	1,2-Dibromo-3-chloropropane	830		42.6	246
106-93-4	1,2-Dibromoethane	1080		7.37	246
108-05-4	Vinyl acetate	1230		48.1	246
1634-04-4	tert-Butyl methyl ether (MTBE)	1050		3.64	246
99-87-6	4-Isopropyltoluene	1110		7.92	246
1330-20-7	Xylene (total)	3620		28.1	492
108-87-2	Methylcyclohexane	1140		18.2	246
110-57-6	trans-1,4-Dichloro-2-butene	878		35.4	246
110-82-7	Cyclohexane	1100		54.4	246
594-20-7	2,2-Dichloropropane	1130		8.65	246
79-20-9	Methyl Acetate	2530		75.2	246
76-13-1	Trichlorotrifluoroethane	1110		9.24	246
563-58-6	1,1-Dichloropropene	1040		6.39	246
110-75-8	2-Chloroethylvinyl ether	480		103	246
142-28-9	1,3-Dichloropropane	1120		6.69	246
108-86-1	Bromobenzene	1110		11.6	246
95-49-8	2-Chlorotoluene	1170		7.37	246
106-43-4	4-Chlorotoluene	1150		16.0	246
98-06-6	tert-Butylbenzene	1120		12.4	246
135-98-8	sec-Butylbenzene	1140		5.75	246

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SH6SB67-134-(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.53 (g/ml) g

Lab Sample ID: 20607201206

Level: (low/med) LOW

Lab File ID: 2060727P/G6622MSD

% Moisture: not dec. 22.1

Date Collected: 07/19/06 Time: 0920

GC Column: DB-VRX-30 ID: .53 (mm)

Date Received: 07/20/06

Instrument ID: MSV5

Date Analyzed: 07/28/06 Time: 0201

Soil Extract Volume: (µL)

Dilution Factor: 50 Analyst: KCB

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 328954

Analytical Method: SW-846 8260

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	1090		11.6	246
106-46-7	1,4-Dichlorobenzene	1160		20.7	246
104-51-8	n-Butylbenzene	1150		8.75	246
95-50-1	1,2-Dichlorobenzene	1150		5.60	246
87-68-3	Hexachlorobutadiene	1090		61.2	246
91-20-3	Naphthalene	1400		18.5	246
75-35-4	1,1-Dichloroethene	1190		17.6	246
71-43-2	Benzene	1130		5.11	246
79-01-6	Trichloroethene	1180		8.70	246
108-88-3	Toluene	1020		27.0	246
108-90-7	Chlorobenzene	1130		8.11	246

GCAL, Inc.

Data file : /var/chem/msv5.i/2060727p.s.b/g6624msd.d
Lab Smp Id: 20607201223 Client Smp ID: SG3SB55-110-(1-2) M
Inj Date : 28-JUL-2006 02:50
Operator : KCB Inst ID: msv5.i
Smp Info : 20607201223*SG3SB55-110-(1-2) MSD
Misc Info : MSV~8768~*50*RSS
Comment :
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Meth Date : 17-Aug-2006 07:36 rjo Quant Type: ISTD
Cal Date : 18-JUN-2006 19:46 Cal File: g5217.d
Als bottle: 6 QC Sample: MSD
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf/(Ws*(100-M)/100))/5000 * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
Ws	5.57000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
m	0.00000	

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	1 Dichlorodifluoromethane	85	1.413	1.413	(0.260)	89988	19.2659	865	
	2 Chloromethane ++	50	1.577	1.571	(0.290)	124696	20.4871	920	
	3 Vinyl Chloride +	62	1.635	1.641	(0.301)	96574	23.9297	1070	
	5 Bromomethane	94	1.904	1.910	(0.350)	45267	20.2452	909	
M	6 1-3 Dichloropropene-Total	100				272120	45.7923	2060	0
	8 Chloroethane	64	1.998	2.004	(0.368)	7337	18.4832	830	
	9 Trichlorofluoromethane	101	2.098	2.145	(0.386)	27046	8.26349	371	(R)
	11 1,1-Dichloroethene +	96	2.589	2.619	(0.476)	40466	23.5512	1060	
	12 Carbon Disulfide	76	2.601	2.642	(0.478)	194736	22.5999	1010	
	13 1,1,2Trichlotrifluoroethane	101	2.630	2.671	(0.484)	53807	21.7860	978	
	14 Methyl Iodide	142	2.730	2.760	(0.502)	100340	26.6500	1200	
	15 Acrolein	56	2.976	2.970	(0.547)	28265	82.7945	3720	(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	17 Methylene Chloride	49	3.215	3.228	(0.592)	84983	23.5645	1060	
	18 Acetone	43	3.297	3.292	(0.607)	26257	27.9952	1260	
	19 trans-1,2-Dichloroethene	61	3.379	3.397	(0.622)	78496	25.9699	1170	
	20 Methyl Acetate	43	3.426	3.421	(0.630)	126564	51.9023	2330	8228(R)
	21 Hexane	57	3.456	3.480	(0.636)	85397	16.9861	762	8862
	22 MTBE	73	3.514	3.521	(0.647)	138571	20.0473	900	7000
	27 1,1-Dichloroethane ++	63	3.970	3.983	(0.730)	125298	24.0410	1080	
	29 Acrylonitrile	53	4.029	4.030	(0.741)	179063	116.214	5220	
	30 Vinyl Acetate	43	4.211	4.211	(0.775)	167633	21.9010	983	
	31 cis-1,2-Dichloroethene	61	4.439	4.451	(0.817)	110318	24.1463	1080	
	32 2,2-Dichloropropane	77	4.527	4.539	(0.833)	90156	22.1083	992	
	33 Bromochloromethane	128	4.603	4.616	(0.847)	39208	24.1511	1080	
	34 Cyclohexane	56	4.597	4.610	(0.846)	125531	22.3910	1000	6310
	35 Chloroform +	83	4.668	4.674	(0.859)	130948	23.6457	1060	
	36 Carbon Tetrachloride	117	4.767	4.780	(0.877)	93359	24.8645	1120	
S	39 Dibromofluoromethane	111	4.814	4.821	(0.886)	200308	54.3236	2440	3853
	40 1,1,1-Trichloroethane	97	4.826	4.833	(0.888)	95971	23.8750	1070	
	42 2-Butanone	43	4.932	4.921	(0.907)	48829	20.8598	936	
	43 1,1-Dichloropropene	75	4.926	4.933	(0.906)	96579	21.4586	963	
	45 Benzene	78	5.119	5.126	(0.942)	284309	22.6157	1020	
S	48 1,2-Dichloroethane-d4	67	5.224	5.232	(0.961)	114757	55.3592	2480	
	49 1,2-Dichloroethane	62	5.277	5.279	(0.971)	104353	24.1640	1080	
*	52 FLUOROBENZENE	96	5.435	5.437	(1.000)	670339	50.0000		
	53 Methyl Cyclohexane	83	5.553	5.554	(1.022)	125539	22.9466	1030	9101
	54 Trichloroethene	130	5.559	5.566	(1.023)	72951	23.2355	1040	
	57 Dibromomethane	93	5.869	5.871	(1.080)	58446	20.8389	935	
	59 1,2-Dichloropropane +	63	5.939	5.941	(1.093)	91539	24.6712	1110	
	60 Bromodichloromethane	83	5.986	5.988	(1.101)	107668	22.0958	992	
M	61 Total 1,2-Dichloroethene	61				188814	50.1161	2250	
	64 1-Bromo-2-chloroethane	63	6.325	6.327	(1.164)	134735	21.3968	960	7256
	65 2-Chloroethyl vinyl ether	63	6.378	6.380	(1.173)	74534	29.2045	1310	
	66 cis-1,3-Dichloropropene	75	6.431	6.427	(1.183)	139654	22.5749	1010	
S	67 Toluene-d8	98	6.554	6.556	(0.860)	653814	52.2881	2350	
	69 Toluene +	91	6.590	6.592	(0.865)	333965	20.5542	923	
	71 4-methyl-2-pentanone	43	6.853	6.843	(1.261)	104414	19.1425	859	
	72 Tetrachloroethene	164	6.859	6.861	(0.900)	61963	21.5210	966	
	73 trans-1,3-Dichloropropene	75	6.877	6.873	(0.902)	132466	22.1797	995	
	75 1,1,2-Trichloroethane	97	6.988	6.984	(0.917)	79060	21.3291	957	
	76 Dibromochloromethane	129	7.117	7.113	(0.934)	85148	19.7670	887	(R)
	77 1,3-Dichloropropane	76	7.175	7.178	(0.942)	144324	22.7622	1020	
	79 1,2-Dibromoethane(EDB)	107	7.281	7.284	(0.955)	91480	21.2406	953	
	80 2-Hexanone	43	7.415	7.407	(0.973)	74793	17.7321	796	(M)
	82 1-Chlorohexane	91	7.597	7.600	(0.997)	140540	22.5584	1010	9378
*	83 CHLOROBENZENE-d5	82	7.621	7.623	(1.000)	307330	50.0000		
	84 Chlorobenzene ++	112	7.632	7.629	(1.002)	213304	22.5179	1010	
	85 Ethylbenzene +	106	7.638	7.641	(1.002)	116830	22.8647	1030	
	86 1,1,1,2-Tetrachloroethane	133	7.674	7.671	(1.007)	66495	20.2568	909	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (UG/KG)	SIMILARITY
	87 p,m-Xylene	106	7.738	7.736	(1.015)	275299	46.4155	2080	
	89 o-Xylene	106	8.031	8.034	(1.054)	142200	23.8659	1070	
	90 Styrene	104	8.066	8.064	(1.058)	245419	22.4210	1010	
	91 Bromoform ++	173	8.102	8.099	(1.063)	59987	18.7093	840	
	93 Isopropylbenzene	105	8.236	8.240	(1.081)	338200	22.3498	1000	(H)
$	94 Bromofluorobenzene	174	8.447	8.445	(1.108)	205919	51.0959	2290	
	95 n-Propylbenzene	91	8.524	8.521	(0.927)	466783	23.7878	1070	
	96 Bromobenzene	77	8.524	8.527	(0.927)	181563	23.4313	1050	
	97 1,1,2,2-Tetrachloroethane++	83	8.571	8.569	(0.932)	116103	19.2662	865	
	98 2-Chlorotoluene	91	8.647	8.645	(0.941)	309272	23.9335	1070	
	99 1,3,5-Trimethylbenzene	105	8.647	8.645	(0.941)	294983	23.7043	1060	
	100 1,2,3-Trichloropropane	75	8.677	8.675	(0.944)	129266	19.6414	882	
	101 trans-1,4-Dichloro-2-Butene	53	8.688	8.687	(0.945)	24634	19.8234	890	
	103 4-Chlorotoluene	91	8.753	8.757	(0.952)	279543	23.4324	1050	(H)
	104 tert-butylbenzene	91	8.870	8.869	(0.965)	179404	22.9284	1030	
	106 1,2,4-Trimethylbenzene	105	8.912	8.916	(0.969)	307900	24.0962	1080	
	107 sec-Butylbenzene	105	8.988	8.987	(0.978)	416161	23.3335	1050	
	108 p-Isopropyltoluene	119	9.070	9.069	(0.987)	318457	22.5788	1010	
	110 1,3-Dichlorobenzene	146	9.152	9.151	(0.996)	172617	23.7188	1060	
*	111 1,4-DICHLOROBENZENE-D4	152	9.194	9.199	(1.000)	246172	50.0000		
	112 1,4-Dichlorobenzene	146	9.206	9.205	(1.001)	182627	24.0047	1080	
	115 n-Butylbenzene	91	9.346	9.345	(1.017)	362241	23.9764	1080	
	116 1,2-Dichlorobenzene	146	9.481	9.486	(1.031)	174754	24.0007	1080	
	120 1,2-Dibromo-3-Chloropropane	157	9.990	9.990	(1.087)	23944	19.0848	857	
	122 Hexachlorobutadiene	225	10.365	10.371	(1.127)	61319	22.8907	1030	
	123 1,2,4-Trichlorobenzene	180	10.401	10.407	(1.131)	127619	26.8135	1200	
M	124 TOTAL XYLENE	106				417499	70.2814	3150	
	125 Naphthalene	128	10.618	10.624	(1.155)	349521	30.4267	1370	
	126 1,2,3-Trichlorobenzene	180	10.735	10.747	(1.168)	125390	26.5697	1190	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv5.i/2060727p.s.b/g6624msd.d

Date : 28-JUL-2006 02:50

Client ID: SG3SB55-110-(1-2) M

Sample Info: 20607201223*SG3SB55-110-(1-2) MSD

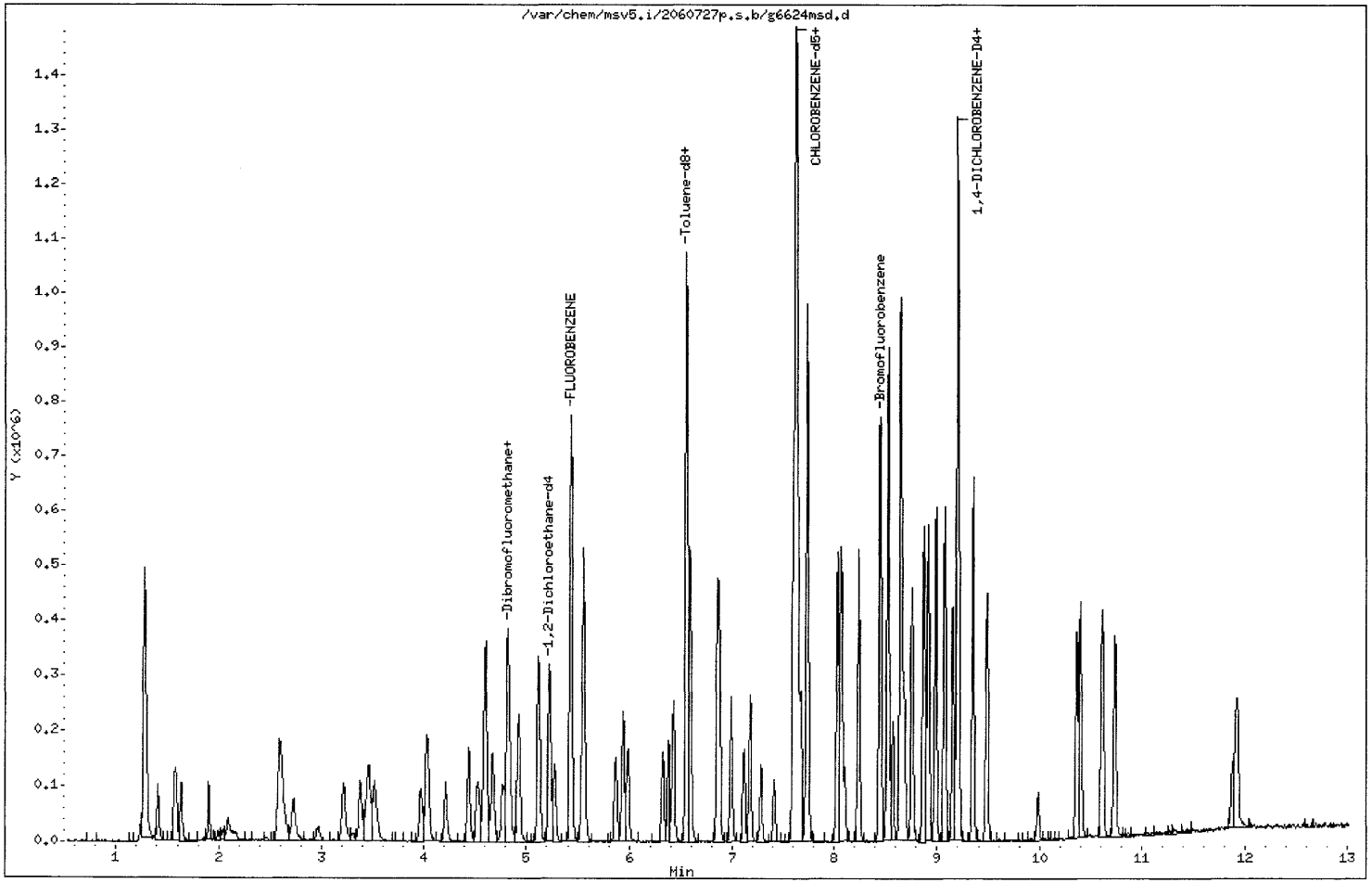
Purge Volume: 5.0

Column phase: DB-VRX-30M

Instrument: msv5.i

Operator: KCB

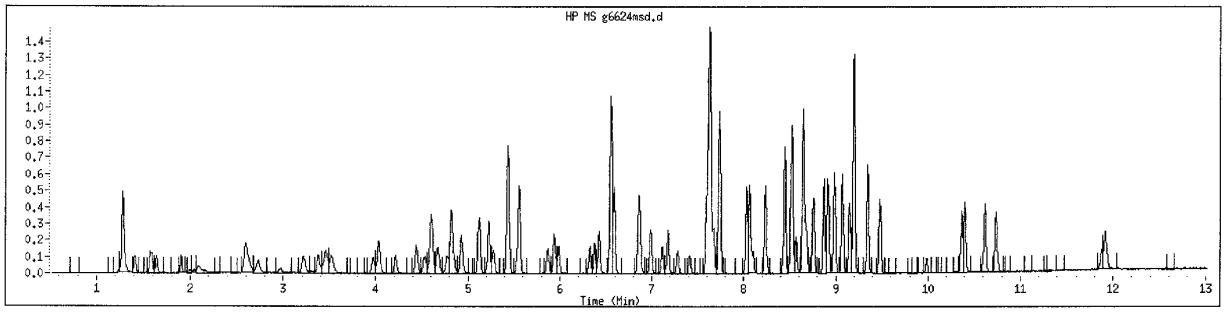
Column diameter: 0.53



Data file : /var/chem/msv5.i/2060727p.s.b/g6624msd.d Page: 1
Report Date: 07/30/2006 19:25

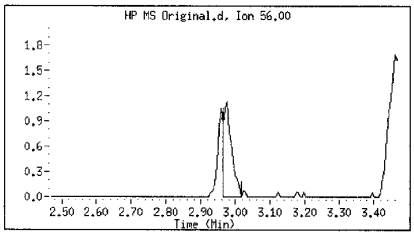
MANUAL INTEGRATION GRAPHIC REPORT

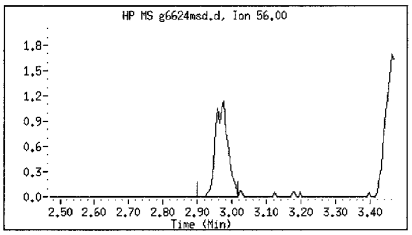
Lab ID : 20607201223 SampleType : MSD
Injection Date: 28-JUL-2006 02:50 Instrument : msv5.i
Operator : KCB
Sample Info : 20607201223*SG3SB55-110-(1-2) MSD
Misc Info : MSV~8768~*50*RSS
Method : /var/chem/msv5.i/2060727p.s.b/8260Bw5.m
Dilution : 50.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



Original Final

15 Acrolein CAS#: 107-02-8





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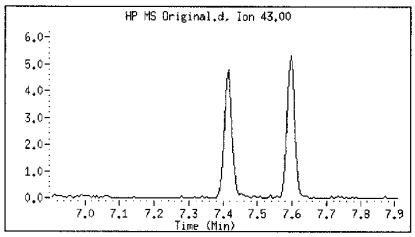

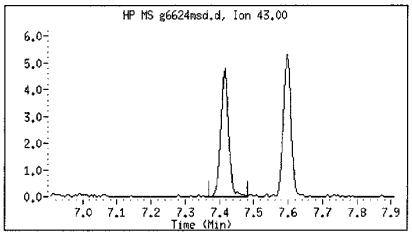

188698

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SD5SB35-070-(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.57 (g/ml) g Lab Sample ID: 20607201906

Level: (low/med) LOW Lab File ID: 2060723/V4527MSD

% Moisture: not dec. 7.9 Date Collected: 07/19/06 Time: 1210

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1511

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
67-64-1	Acetone	57.8		0.309	20.7
107-02-8	Acrolein	78.2		1.93	20.7
107-13-1	Acrylonitrile	76.1		0.588	20.7
75-27-4	Bromodichloromethane	17.7		0.112	4.13
75-25-2	Bromoform	17.8		0.140	4.13
74-83-9	Bromomethane	14.0		1.24	4.13
75-15-0	Carbon disulfide	18.6		0.090	4.13
56-23-5	Carbon tetrachloride	19.8		0.099	4.13
75-00-3	Chloroethane	19.5		0.501	4.13
136777-61-	m,p-Xylene	39.1		0.329	4.13
67-66-3	Chloroform	16.8		0.117	4.13
74-87-3	Chloromethane	15.2		0.383	4.13
124-48-1	Dibromochloromethane	18.2		0.074	4.13
74-95-3	Dibromomethane	16.7		0.129	4.13
75-71-8	Dichlorodifluoromethane	17.4		0.301	4.13
75-34-3	1,1-Dichloroethane	16.9		0.131	4.13
107-06-2	1,2-Dichloroethane	17.0		0.094	4.13
156-59-2	cis-1,2-Dichloroethene	16.8		0.104	4.13
156-60-5	trans-1,2-Dichloroethene	17.9		0.136	4.13
75-09-2	Methylene chloride	13.5		0.396	8.26
78-87-5	1,2-Dichloropropane	17.5		0.093	4.13
10061-01-5	cis-1,3-Dichloropropene	17.7		0.095	4.13
10061-02-6	trans-1,3-Dichloropropene	17.8		0.117	4.13
100-41-4	Ethylbenzene	20.1		0.171	4.13
591-78-6	2-Hexanone	17.6		0.683	4.13
98-82-8	Isopropylbenzene (Cumene)	17.4		0.126	4.13
78-93-3	2-Butanone	16.4		0.258	4.13
74-88-4	Methyl iodide	20.1		0.749	4.13
108-10-1	4-Methyl-2-pentanone	17.3		0.143	4.13
103-65-1	n-Propylbenzene	18.6		0.116	4.13
100-42-5	Styrene	19.7		0.126	4.13

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
SD5SB35-070-(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.57 (g/ml) g Lab Sample ID: 20607201906

Level: (low/med) LOW Lab File ID: 2060723/V4527MSD

% Moisture: not dec. 7.9 Date Collected: 07/19/06 Time: 1210

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1511

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	20.5		0.159	4.13
630-20-6	1,1,1,2-Tetrachloroethane	19.5		0.145	4.13
79-34-5	1,1,2,2-Tetrachloroethane	22.3		0.149	4.13
120-82-1	1,2,4-Trichlorobenzene	13.1		0.270	4.13
71-55-6	1,1,1-Trichloroethane	18.5		0.102	4.13
79-00-5	1,1,2-Trichloroethane	17.6		0.094	4.13
75-69-4	Trichlorofluoromethane	19.5		0.208	4.13
96-18-4	1,2,3-Trichloropropane	19.1		0.202	1.65
95-63-6	1,2,4-Trimethylbenzene	19.3		0.164	4.13
108-67-8	1,3,5-Trimethylbenzene	18.1		0.135	4.13
75-01-4	Vinyl chloride	18.8		0.290	4.13
95-47-6	o-Xylene	19.7		0.144	4.13
96-12-8	1,2-Dibromo-3-chloropropane	22.5		0.716	4.13
106-93-4	1,2-Dibromoethane	17.9		0.124	4.13
108-05-4	Vinyl acetate	17.4		0.809	4.13
1634-04-4	tert-Butyl methyl ether (MTBE)	16.9		0.061	4.13
99-87-6	4-Isopropyltoluene	13.5		0.133	4.13
1330-20-7	Xylene (total)	58.7		0.473	8.26
108-87-2	Methylcyclohexane	12.4		0.306	4.13
110-57-6	trans-1,4-Dichloro-2-butene	19.4		0.596	4.13
110-82-7	Cyclohexane	322	E	0.914	4.13
594-20-7	2,2-Dichloropropane	16.6		0.145	4.13
79-20-9	Methyl Acetate	21.9		1.26	4.13
76-13-1	Trichlorotrifluoroethane	18.1		0.155	4.13
563-58-6	1,1-Dichloropropene	17.9		0.107	4.13
110-75-8	2-Chloroethylvinyl ether	10.0		1.74	4.13
142-28-9	1,3-Dichloropropane	18.2		0.112	4.13
108-86-1	Bromobenzene	21.2		0.194	4.13
95-49-8	2-Chlorotoluene	20.2		0.124	4.13
106-43-4	4-Chlorotoluene	18.2		0.269	4.13
98-06-6	tert-Butylbenzene	15.0		0.208	4.13
135-98-8	sec-Butylbenzene	13.2		0.097	4.13

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SD5SB35-070-(1-2) MSD

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix: (soil/water) Soil

Sample wt/vol: 6.57 (g/ml) g Lab Sample ID: 20607201906

Level: (low/med) LOW Lab File ID: 2060723/V4527MSD

% Moisture: not dec. 7.9 Date Collected: 07/19/06 Time: 1210

GC Column: DB-624-30M ID: .53 (mm) Date Received: 07/20/06

Instrument ID: MSV4 Date Analyzed: 07/23/06 Time: 1511

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: RSS

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 328605

CONCENTRATION UNITS: ug/kg Analytical Method: SW-846 8260

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
541-73-1	1,3-Dichlorobenzene	19.0		0.195	4.13
106-46-7	1,4-Dichlorobenzene	19.3		0.348	4.13
104-51-8	n-Butylbenzene	11.8		0.147	4.13
95-50-1	1,2-Dichlorobenzene	19.4		0.094	4.13
87-68-3	Hexachlorobutadiene	5.53		1.03	4.13
91-20-3	Naphthalene	27.1		0.311	4.13
75-35-4	1,1-Dichloroethene	17.6		0.297	4.13
71-43-2	Benzene	22.4		0.086	4.13
79-01-6	Trichloroethene	18.3		0.146	4.13
108-88-3	Toluene	21.8		0.454	4.13
108-90-7	Chlorobenzene	18.8		0.136	4.13

GCAL, Inc.

Data file : /var/chem/msv4.i/2060723.s.b/v4527msd.d
Lab Smp Id: 20607201906 Client Smp ID: SD5SB35-070-(1-2) M
Inj Date : 23-JUL-2006 15:11
Operator : RSS Inst ID: msv4.i
Smp Info : 20607201906*SD5SB35-070-(1-2) MSD
Misc Info : MSV~8738~*1*RSS
Comment :
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Meth Date : 24-Jul-2006 15:42 rjo Quant Type: ISTD
Cal Date : 18-JUL-2006 11:26 Cal File: v4302.d
Als bottle: 14 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260b.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * (Uf/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	5.00000	ng unit correction factor
M	0.00000	% Moisture (not decanted)
Va	100.00000	Volume of aliquot extract added (uL)
Ws	6.57000	Weight of sample extracted (g)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
1 Dichlorodifluoromethane	85	1.651	1.656	(0.259)	97403	20.9731	16.0	4025
2 Chloromethane ++	50	1.826	1.825	(0.287)	113066	18.3591	14.0	5012
3 Vinyl Chloride +	62	1.889	1.894	(0.297)	97983	22.6755	17.3	6017
5 Bromomethane	94	2.169	2.168	(0.340)	37506	16.9529	12.9	6632
7 Chloroethane	64	2.280	2.279	(0.358)	52849	23.7171	18.0	8539
8 Trichlorofluoromethane	101	2.406	2.406	(0.378)	104447	23.6531	18.0	9460
10 1,1-Dichloroethene +	96	2.876	2.881	(0.451)	46861	21.3264	16.2	7455
11 Carbon Disulfide	76	2.902	2.913	(0.456)	232036	22.5256	17.1	8233
12 1,1,2Trichlotrifluoroethane	101	2.918	2.928	(0.458)	67335	21.9577	16.7	8657
13 Methyl Iodide	142	3.018	3.023	(0.474)	74309	24.2905	18.5	7244
14 Acrolein	56	3.235	3.240	(0.508)	74677	94.6394	72.0	3740
15 Methylene Chloride	49	3.494	3.504	(0.548)	118608	16.3168	12.4	8693
17 Acetone	43	3.557	3.588	(0.558)	176848	69.9080	53.2	5308(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
	18 trans-1,2-Dichloroethene	61	3.684	3.683	(0.578)	96619	21.6414	16.5	7032
	19 Methyl Acetate	43	3.705	3.710	(0.582)	152419	26.5731	20.2	5566
	20 Hexane	57	3.794	3.789	(0.596)	123171	16.1697	12.3	8398(R)
	21 MTBE	73	3.816	3.826	(0.599)	229572	20.5520	15.6	6351
	26 1,1-Dichloroethane ++	63	4.444	4.459	(0.698)	120873	20.4724	15.6	8656
	27 Acrylonitrile	53	4.523	4.538	(0.710)	282916	92.1639	70.1	6766
	30 Vinyl Acetate	43	4.776	4.786	(0.750)	221136	21.0796	16.0	
	31 cis-1,2-Dichloroethene	61	5.077	5.077	(0.797)	100086	20.3419	15.5	7356
	33 2,2-Dichloropropane	77	5.188	5.193	(0.814)	80203	20.0515	15.3	6599
	35 Cyclohexane	56	5.278	5.282	(0.828)	2022676	390.316	297	5751(AR)
	37 Bromochloromethane	128	5.288	5.298	(0.830)	37074	22.4537	17.1	1903
	39 Chloroform +	83	5.378	5.388	(0.844)	118594	20.3107	15.5	8845
	42 Carbon Tetrachloride	117	5.505	5.515	(0.864)	71007	23.9201	18.2	8373
$	44 Dibromofluoromethane	111	5.573	5.578	(0.875)	201469	51.9506	39.5	5679
	45 1,1,1-Trichloroethane	97	5.578	5.589	(0.876)	90282	22.2838	17.0	9477
	46 2-Butanone	43	5.710	5.731	(0.896)	196225	19.7876	15.1	
	47 1,1-Dichloropropene	75	5.716	5.721	(0.897)	82326	21.7072	16.5	8397
	53 Benzene	78	5.959	5.969	(0.935)	301940	27.1085	20.6	8327
$	54 1,2-Dichloroethane-d4	67	6.096	6.106	(0.957)	127404	48.4190	36.8	9452
	55 1,2-Dichloroethane	62	6.164	6.175	(0.968)	124732	20.6692	15.7	8263
*	58 FLUOROBENZENE	96	6.370	6.380	(1.000)	563737	50.0000		9497
	59 Methyl cyclohexane	83	6.513	6.523	(1.022)	61244	15.0160	11.4	9093(R)
	60 Trichloroethene	130	6.529	6.539	(1.025)	61300	22.2619	16.9	8911
	62 Dibromomethane	93	6.919	6.935	(1.086)	58642	20.1758	15.4	8841
	64 1,2-Dichloropropane +	63	7.014	7.024	(1.101)	78772	21.0978	16.1	8939
M	65 Total 1,2-Dichloroethene	61				196705	41.9202	31.9	0
	67 Bromodichloromethane	83	7.078	7.088	(1.111)	102752	21.4771	16.3	9096
	71 1-Bromo-2-chloroethane	144	7.510	7.515	(1.179)	11717	20.6354	15.7	8900
	72 2-Chloroethyl vinyl ether	63	7.590	7.605	(1.191)	23308	12.1369	9.24	2465(R)
	74 cis-1,3-Dichloropropene	75	7.642	7.652	(1.200)	119383	21.4003	16.3	
M	75 1-3 Dichloropropene-Total	100				234502	41.5783	31.6	0
$	76 Toluene-d8	98	7.806	7.811	(0.854)	532800	60.8497	46.3	9390
	77 Toluene +	91	7.848	7.858	(0.859)	271319	26.3989	20.1	9143
	80 Tetrachloroethene	164	8.186	8.191	(0.895)	43140	24.8278	18.9	8844
	81 4-methyl-2-pentanone	43	8.186	8.196	(0.895)	243084	20.9529	15.9	
	82 trans-1,3-Dichloropropene	75	8.218	8.223	(0.899)	115119	21.5611	16.4	
	83 1,1,2-Trichloroethane	97	8.355	8.360	(0.914)	67735	21.2276	16.2	9107
	85 Dibromochloromethane	129	8.508	8.513	(0.931)	74822	22.0253	16.8	8669
	86 1,3-Dichloropropane	76	8.592	8.597	(0.940)	121996	22.1030	16.8	8692
	87 1,2-Dibromoethane(EDB)	107	8.709	8.719	(0.953)	79598	21.6908	16.5	8266
	88 2-Hexanone	43	8.899	8.909	(0.973)	199695	21.3451	16.2	7857
	89 1-Chlorohexane	91	9.131	9.136	(0.999)	81898	24.1653	18.4	5175
*	90 Chlorobenzene-d5	82	9.141	9.146	(1.000)	225073	50.0000		8649
	91 Chlorobenzene ++	112	9.157	9.162	(1.002)	162045	22.7157	17.3	8125
	92 Ethylbenzene +	91	9.173	9.178	(1.003)	296036	24.3493	18.5	7516
	93 1,1,1,2-Tetrachloroethane	133	9.215	9.215	(1.008)	58494	23.6393	18.0	7803
	95 p,m-Xylene	106	9.294	9.299	(1.017)	196676	47.2728	36.0	9379

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ug/Kg)	SIMILARITY
96 o-Xylene	106	9.659	9.669	(1.057)	97292	23.7768	18.1	
99 Styrene	104	9.706	9.711	(1.062)	168688	23.7881	18.1	8715
100 Bromoform ++	173	9.743	9.743	(1.066)	58989	21.5147	16.4	8285
101 Isopropylbenzene	105	9.923	9.927	(1.085)	201157	21.0651	16.0	9132
$ 103 Bromofluorobenzene	174	10.176	10.181	(1.113)	163177	54.4829	41.5	8871
104 Bromobenzene	77	10.271	10.276	(0.923)	125488	25.6863	19.5	7031
105 n-Propylbenzene	91	10.271	10.281	(0.923)	241157	22.4550	17.1	7439
106 1,1,2,2-Tetrachloroethane++	83	10.340	10.344	(0.929)	121508	26.9146	20.5	3362
107 2-Chlorotoluene	91	10.419	10.424	(0.936)	187139	24.4507	18.6	8829(H)
108 1,3,5-Trimethylbenzene	105	10.435	10.439	(0.937)	159438	21.9856	16.7	
109 1,2,3-Trichloropropane	75	10.461	10.466	(0.940)	122633	23.1653	17.6	3773(H)
110 trans-1,4-Dichloro-2-Butene	53	10.493	10.492	(0.943)	26555	23.5006	17.9	8848
111 4-Chlorotoluene	91	10.556	10.566	(0.948)	149574	22.1206	16.8	8920
112 tert-butylbenzene	91	10.714	10.719	(0.963)	74884	18.1688	13.8	8983(R)
114 1,2,4-Trimethylbenzene	105	10.772	10.777	(0.968)	169184	23.3509	17.8	
116 sec-Butylbenzene	105	10.862	10.867	(0.976)	149616	16.0846	12.2	(R)
117 p-Isopropyltoluene	119	10.978	10.983	(0.986)	115678	16.2989	12.4	7152(R)
120 1,3-Dichlorobenzene	146	11.073	11.073	(0.995)	90785	23.0256	17.5	
* 121 1,4-DICHLOROBENZENE-D4	152	11.131	11.136	(1.000)	144831	50.0000		8761
122 1,4-Dichlorobenzene	146	11.147	11.152	(1.001)	102776	23.3451	17.8	
123 n-Butylbenzene	91	11.358	11.363	(1.020)	99251	14.2957	10.9	8824(R)
M 124 TOTAL XYLENE	106				293968	71.0496	54.1	0
125 1,2-Dichlorobenzene	146	11.538	11.543	(1.036)	93332	23.5419	17.9	
126 1,2-Dibromo-3-Chloropropane	157	12.366	12.371	(1.111)	26687	27.2621	20.7	5866
127 Hexachlorobutadiene	225	13.132	13.142	(1.180)	8615	6.68609	5.09	8629(R)
128 1,2,4-Trichlorobenzene	180	13.195	13.200	(1.185)	37530	15.9271	12.1	(R)
129 Napthalene	128	13.580	13.585	(1.220)	221986	32.8646	25.0	6654
130 1,2,3-Trichlorobenzene	180	13.786	13.786	(1.238)	41485	17.1580	13.1	(R)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/msv4.i/2060723.s.b/v4527msd.d

Page 1

Date : 23-JUL-2006 15:11

Client ID: SD5SB35-070-(1-2) M

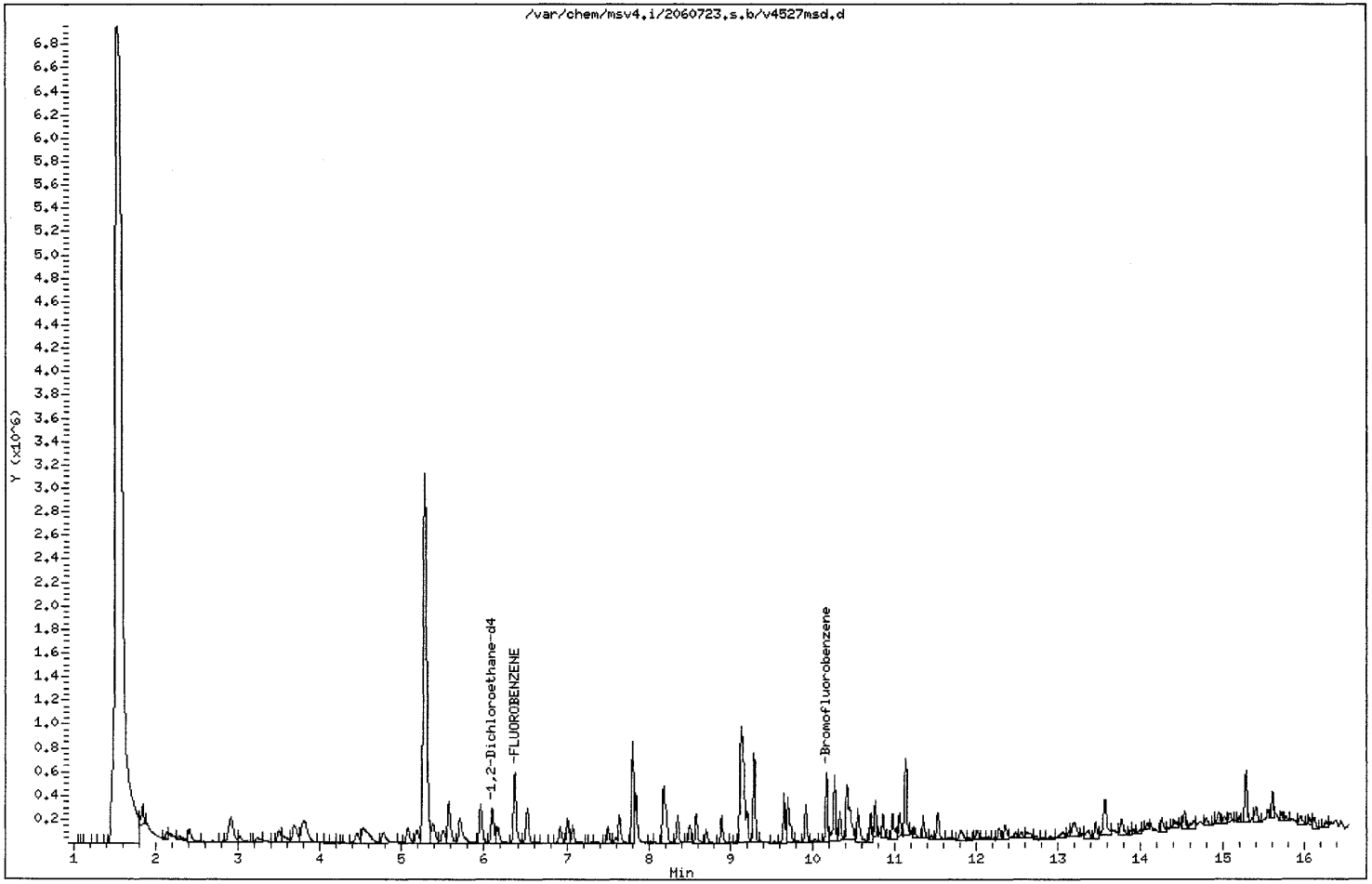
Instrument: msv4.i

Sample Info: 20607201906*SD5SB35-070-(1-2) MSD

Operator: RSS

Column phase: DB-624-30M

Column diameter: 0.53



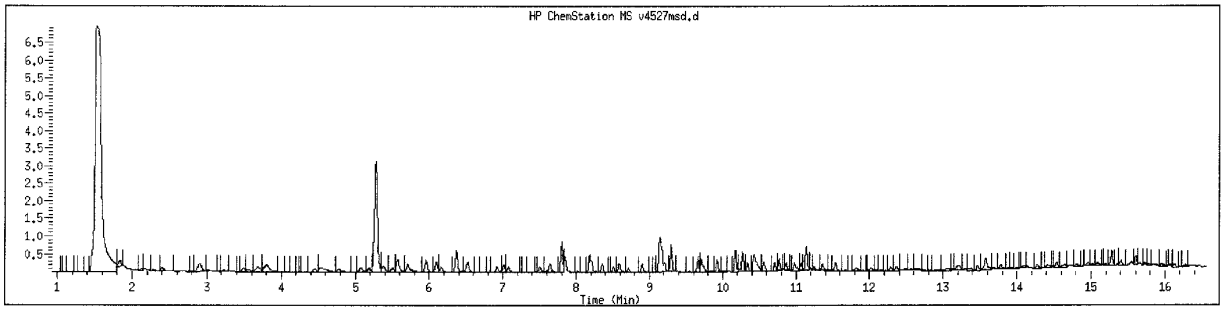
000733

188705

Data file : /var/chem/msv4.i/2060723.s.b/v4527msd.d Page: 1
Report Date: 07/24/2006 16:21

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607201906 SampleType : MSD
Injection Date: 23-JUL-2006 15:11 Instrument : msv4.i
Operator : RSS
Sample Info : 20607201906*SD5SB35-070-(1-2) MSD
Misc Info : MSV~8738~*1*RSS
Method : /var/chem/msv4.i/2060723.s.b/8260Bs4.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: 8260b



NO MANUAL INTEGRATIONS

188706

LABORATORY CHRONICLE: GC-MS DEPARTMENT

Date: 17-JUL-2006
Instrument: msv4.i
Analyst(s): AJV

Standard	Conc ppm	
Int. Standard	50	5-50-9
Surrogate	50	5-50-4
8260	250	5-50-8
Ac/Ac/VA	250/50	5-50-13
CVE	250	5-51-4
APP 1	250	5-49-8
APP 2	50	5-49-8
THF	250	5-50-3
APP 1 ICV	250	5-49-1
APP 2 ICV	50	5-41-8
THF ICV	250	5-41-5

Sample ID	Status/Comments	DataFile	WT VOL	Injection Time	DilFactor	ALS
1000		v4271.d	0.00	17-JUL-2006 16:06	1.000	2
1206		v4272.d	5.00	17-JUL-2006 16:49	1.000	1
1201		v4273.d	5.00	17-JUL-2006 17:15	1.000	2
1209		v4274.d	5.00	17-JUL-2006 17:40	1.000	3
1202		v4275.d	5.00	17-JUL-2006 18:06	1.000	4
1204		v4277.d	5.00	17-JUL-2006 19:14	1.000	6
1205		v4278.d	5.00	17-JUL-2006 19:39	1.000	7
BLANK		v4279.d	5.00	17-JUL-2006 20:03	1.000	8
1203		v4280.d	5.00	17-JUL-2006 20:28	1.000	9
1600		v4281.d	5.00	17-JUL-2006 20:52	1.000	10
1600		v4282.d	5.00	17-JUL-2006 21:17	1.000	11
BLANK		v4283.d	5.00	17-JUL-2006 21:41	1.000	12
BLANK		v4284.d	5.00	17-JUL-2006 22:05	1.000	13
1206		v4285.d	5.00	17-JUL-2006 22:30	1.000	14
1201		v4286.d	5.00	17-JUL-2006 22:54	1.000	15
1209		v4287.d	5.00	17-JUL-2006 23:18	1.000	16
1202		v4288.d	5.00	17-JUL-2006 23:42	1.000	17
1203		v4289.d	5.00	18-JUL-2006 00:06	1.000	18
1204		v4290.d	5.00	18-JUL-2006 00:30	1.000	19
1205		v4291.d	5.00	18-JUL-2006 00:54	1.000	20
BLANK		v4292.d	5.00	18-JUL-2006 01:18	1.000	21
1600APP9ICV		v4293.d	5.00	18-JUL-2006 01:41	1.000	22
1600APP9ICV		v4294.d	5.00	18-JUL-2006 02:05	1.000	23

REVISED 01/01/2000

LABORATORY CHRONICLE: GC-MS DEPARTMENT

Date: 18-JUL-2006
Instrument: msv4.i
Analyst(s): ABD

Standard	Conc ppm		ICV
Int. Standard	50	5-50-9	
Surrogate	50	5-50-4	
8260	250	5-50-8	5-46-4
Ac/Ac/VA	250/50	5-50-13	5-50-11
CVE	250	5-51-4	5-47-5

Sample ID	Status/Comments	DataFile	WT VOL	Injection Time	DilFactor	ALS
1000		v4295.d	0.00	18-JUL-2006 08:16	1.000	2
1206	8260_S ICAL	v4296.d	5.00	18-JUL-2006 08:55	1.000	1
1201		v4297.d	5.00	18-JUL-2006 09:19	1.000	2
1207		v4298.d	5.00	18-JUL-2006 09:44	1.000	3
1202		v4299.d	5.00	18-JUL-2006 10:09	1.000	4
1203		v4300.d	5.00	18-JUL-2006 10:35	1.000	5
1204		v4301.d	5.00	18-JUL-2006 11:00	1.000	6
1205		v4302.d	5.00	18-JUL-2006 11:26	1.000	7
BLANK		v4303.d	5.00	18-JUL-2006 11:52	1.000	8
1600		v4304.d	5.00	18-JUL-2006 12:23	1.000	9
1400		v4305.d	5.00	18-JUL-2006 13:15	1.000	1
391423		v4306.d	5.00	18-JUL-2006 13:41	1.000	2
391424		v4307.d	5.00	18-JUL-2006 14:08	1.000	3
MB		v4308.d	5.00	18-JUL-2006 14:35	1.000	4
391422		v4309.d	5.00	18-JUL-2006 15:02	1.000	5
20607151802		v4310.d	5.33	18-JUL-2006 15:38	1.000	1
20607151803		v4311.d	4.94	18-JUL-2006 16:04	1.000	2
20607151804		v4312.d	4.71	18-JUL-2006 16:29	1.000	3
20607151805		v4313.d	5.41	18-JUL-2006 16:55	1.000	4
20607151806		v4314.d	5.79	18-JUL-2006 17:20	1.000	5
20607151807		v4315.d	6.12	18-JUL-2006 17:45	1.000	6
20607151809		v4316.d	4.83	18-JUL-2006 18:11	1.000	7
20607132509		v4317.d	5.06	18-JUL-2006 18:36	1.000	8
BLANK		v4318.d	5.00	18-JUL-2006 19:01	1.000	9
20607151501	ALL IS LOW	v4319.d	5.02	18-JUL-2006 19:26	1.000	10
20607151502	IS3 LOW	v4320.d	5.05	18-JUL-2006 19:51	1.000	11
BLANK		v4321.d	5.00	18-JUL-2006 20:15	1.000	12

REVISED 01/01/2000

TUNE = 20:16

LABORATORY CHRONICLE: MSV DEPARTMENT

Date: 21-JUL-2006
Instrument: msv4.i
Analyst(s): RSS

Standard	Conc ppm	
Int. Standard	50	5-50-9
Surrogate	50	5-48-5
8260	250	5-50-8
Ac/Ac/VA	250/50	5-49-11
CVE	250	5-50-7

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1000		v4433.d	0.00 ml	21-JUL-2006 20:20	1.000	RSS	2	all
1400		v4434.d	5.00 g	21-JUL-2006 21:08	1.000	RSS	2	8260b
1400		v4435.d	5.00 g	21-JUL-2006 21:48	1.000	RSS	37	PBWA9
393134		v4436.d	5.00 g	21-JUL-2006 22:12	1.000	RSS	38	8260b
393135		v4437.d	5.00 g	21-JUL-2006 22:36	1.000	KCB	39	8260b
BLANK		v4438.d	5.00 g	21-JUL-2006 23:00	1.000	RSS	40	8260b+nbutyl-ol
393133		v4439.d	5.00 g	21-JUL-2006 23:24	1.000	KCB	41	8260b+nbutyl-ol
20607191434 B	S2 high	v4440.d	8.07 g	21-JUL-2006 23:48	1.000	KCB	1	8260b+nbutyl-ol
20607191601 A	S2 high	v4441.d	6.39 g	22-JUL-2006 00:12	1.000	KCB	2	8260b+nbutyl-ol
20607191603 A		v4442.d	7.43 g	22-JUL-2006 00:36	1.000	KCB	3	8260b+nbutyl-ol
20607191605 A	S2 high	v4443.d	6.70 g	22-JUL-2006 01:00	1.000	KCB	4	8260b+nbutyl-ol
20607191607 A	S2 high	v4444.d	6.54 g	22-JUL-2006 01:24	1.000	KCB	5	8260b+nbutyl-ol
20607191610 A	S2 high	v4445.d	7.16 g	22-JUL-2006 01:48	1.000	KCB	6	8260b+nbutyl-ol
20607191618 A		v4446.d	5.84 g	22-JUL-2006 02:11	1.000	KCB	7	8260b+nbutyl-ol
20607201901 A	RR 1:50	v4447.d	5.92 g	22-JUL-2006 02:35	1.000	KCB	8	8260b+nbutyl-ol
20607201907 A	RR 1:1 CO	v4448.d	7.52 g	22-JUL-2006 02:59	1.000	KCB	9	8260b+nbutyl-ol
20607201911 A		v4449.d	5.77 g	22-JUL-2006 03:23	1.000	KCB	10	8260b+nbutyl-ol
20607201914 A		v4450.d	6.68 g	22-JUL-2006 03:47	1.000	KCB	11	8260b+nbutyl-ol
20607201915 A	S2 high	v4451.d	8.51 g	22-JUL-2006 04:11	1.000	KCB	12	8260b+nbutyl-ol
20607201917 A	S2 high	v4452.d	7.37 g	22-JUL-2006 04:35	1.000	KCB	13	8260b+nbutyl-ol
20607200606 A	RR	v4453.d	6.53 g	22-JUL-2006 04:59	1.000	KCB	14	8260b+nbutyl-ol
20607200607 A	RR 1:50	v4454.d	6.44 g	22-JUL-2006 05:23	1.000	KCB	15	8260b+nbutyl-ol
20607200611 A		v4455.d	6.10 g	22-JUL-2006 05:47	1.000	KCB	16	8260b+nbutyl-ol
20607191418 A		v4456.d	4.95 g	22-JUL-2006 06:11	1.000	KCB	17	8260b+nbutyl-ol
20607191414 B		v4457.d	6.70 g	22-JUL-2006 06:34	1.000	KCB	18	8260b+nbutyl-ol
BLANK		v4458.d	5.00 g	22-JUL-2006 06:58	1.000	RSS	19	8260b+nbutyl-ol
BLANK		v4459.d	5.00 g	22-JUL-2006 07:22	1.000	RSS	20	8260b+nbutyl-ol

TUNE = 8:20

188709

LABORATORY CHRONICLE: MSV DEPARTMENT

Date: 22-JUL-2006
Instrument: msv4.i
Analyst(s): RSS

Standard	Conc ppm	
Int. Standard	50	5-45-4
Surrogate	50	5-50-4
8260	250	5-50-8
Ac/Ac/VA	250/50	5-49-11
CVE	50	5-50-7
App 9 Mix 1	250	5-49-8
App 9 Mix 2	50	5-49-9
THF	250	5-50-3

Sample ID		ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
BLANK			v4466.d	5.00 g	22-JUL-2006 11:28	1.000	RSS	37	8260b+nbutyl-ol
BLANK			v4467.d	5.00 g	22-JUL-2006 11:53	1.000	RSS	38	8260b+nbutyl-ol
BLANK			v4468.d	5.00 g	22-JUL-2006 12:19	1.000	RSS	39	8260b+nbutyl-ol
1000			v4469bfb.d	0.00 ml	22-JUL-2006 12:51	1.000	RSS	1	all
1400			v4470.d	5.00 g	22-JUL-2006 13:26	1.000	RSS	2	8260b
1400			v4472.d	5.00 g	22-JUL-2006 14:10	1.000	ABD	1	8260b
1400		APP9	v4473.d	5.00 g	22-JUL-2006 14:48	1.000	ABD	2	PBWA9
393347			v4474.d	5.00 g	22-JUL-2006 15:14	1.000	ABD	3	8260b
393348			v4475.d	5.00 g	22-JUL-2006 15:40	1.000	RSS	4	8260b+nbutyl-ol
BLANK			v4476.d	5.00 g	22-JUL-2006 16:06	1.000	RSS	5	8260b+nbutyl-ol
393346			v4477.d	5.00 g	22-JUL-2006 16:32	1.000	RSS	6	8260b+nbutyl-ol
20607191620	A		v4478.d	5.40 g	22-JUL-2006 16:57	1.000	RSS	1	8260b+nbutyl-ol
20607200606	B		v4479.d	7.40 g	22-JUL-2006 17:22	1.000	RSS	2	8260b+nbutyl-ol
20607191601	B		v4480.d	6.88 g	22-JUL-2006 17:47	1.000	RSS	3	8260b+nbutyl-ol
20607191620	B		v4481.d	5.73 g	22-JUL-2006 18:12	1.000	RSS	4	8260b+nbutyl-ol
20607191621	A		v4482ms.d	5.98g	22-JUL-2006 18:36	1.000	RSS	6	8260b
20607191622	A		v4483msd.d	6.54 g	22-JUL-2006 19:01	1.000	RSS	7	8260b
BLANK			v4484.d	5.00 g	22-JUL-2006 19:25	1.000	RSS	7	8260b+nbutyl-ol
20607191622	B		v4485.d	5.86 g	22-JUL-2006 19:49	1.000	RSS	8	8260b
BLANK			v4486.d	5.00 g	22-JUL-2006 20:13	1.000	RSS	9	8260b+nbutyl-ol
20607200606	A		v4487.d	5.00 g	22-JUL-2006 20:37	1.000	KCB	10	8260b+nbutyl-ol
20607191605	B		v4488.d	5.00 g	22-JUL-2006 21:00	1.000	KCB	11	8260b+nbutyl-ol
20607191607	B	S3 high	v4489.d	7.29 g	22-JUL-2006 21:24	1.000	KCB	12	8260b+nbutyl-ol
20607191610	B		v4490.d	6.50 g	22-JUL-2006 21:49	1.000	KCB	13	8260b+nbutyl-ol
20607200612	A	IS3low,S3high	v4491.d	6.62 g	22-JUL-2006 22:12	1.000	KCB	14	8260b+nbutyl-ol
20607200615	A		v4492.d	6.85 g	22-JUL-2006 22:37	1.000	KCB	15	8260b+nbutyl-ol
20607200617	A	S3 high	v4493.d	6.88 g	22-JUL-2006 23:01	1.000	KCB	16	8260b+nbutyl-ol
20607201907	B		v4494.d	6.80 g	22-JUL-2006 23:25	1.000	KCB	17	8260b+nbutyl-ol
20607201915	B		v4495.d	8.15 g	22-JUL-2006 23:48	1.000	KCB	18	8260b+nbutyl-ol
20607201917	B	S3 high	v4496.d	6.58 g	23-JUL-2006 00:12	1.000	KCB	19	8260b+nbutyl-ol
BLANK			v4497.d	5.00 g	23-JUL-2006 00:37	1.000	RSS	20	8260b+nbutyl-ol
BLANK			v4498.d	5.00 g	23-JUL-2006 01:01	1.000	RSS	21	8260b+nbutyl-ol
BLANK			v4499.d	5.00 g	23-JUL-2006 01:25	1.000	RSS	22	8260b+nbutyl-ol
BLANK			v4500.d	5.00 g	23-JUL-2006 01:49	1.000	RSS	23	8260b+nbutyl-ol
BLANK			v4501.d	5.00 g	23-JUL-2006 02:13	1.000	RSS	24	8260b+nbutyl-ol
BLANK			v4502.d	5.00 g	23-JUL-2006 02:37	1.000	RSS	25	8260b+nbutyl-ol

LABORATORY CHRONICLE: MSV DEPARTMENT

Date: 22-JUL-2006
Instrument: msv4.i
Analyst(s): RSS

Standard	Conc ppm
Int. Standard	50
Surrogate	50
8260	50
Ac/Ac/VA	250/50
CVE	50

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
BLANK		v4503.d	5.00 g	23-JUL-2006 03:01	1.000	RSS	26	8260b+nbutyl-ol
BLANK		v4504.d	5.00 g	23-JUL-2006 03:25	1.000	RSS	27	8260b+nbutyl-ol
BLANK		v4505.d	5.00 g	23-JUL-2006 03:49	1.000	RSS	28	8260b+nbutyl-ol
BLANK		v4506.d	5.00 g	23-JUL-2006 04:13	1.000	RSS	29	8260b+nbutyl-ol

LABORATORY CHRONICLE: MSV DEPARTMENT

Date: 23-JUL-2006
Instrument: msv4.i
Analyst(s): KCB

Standard	Conc ppm	
Int. Standard	50	5-50-9
Surrogate	50	5-50-4
8260	250	5-50-8
Ac/Ac/VA	250/50	5-50-13
CVE	50	5-51-4
APP9 Mix 1	250	5-49-8
APP9 Mix 2	50	5-49-9
THF	250	5-50-3

Sample ID		ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1000			v4506.d	0.00 ml	23-JUL-2006 06:16	1.000	KCB	2	all
1400			v4507.d	5.00 g	23-JUL-2006 06:54	1.000	KCB	2	8260b
1400			v4508.d	5.00 g	23-JUL-2006 07:31	1.000	ABD	2	8260b
1400			v4509.d	5.00 g	23-JUL-2006 07:54	1.000	RSS	3	PBWA9
393394			v4510.d	5.00 g	23-JUL-2006 08:18	1.000	KCB	4	8260b
393395			v4511.d	5.00 g	23-JUL-2006 08:42	1.000	RSS	5	8260b
BLANK			v4512.d	5.00 g	23-JUL-2006 09:06	1.000	RSS	6	8260b+nbutyl-ol
393393			v4513.d	5.00 g	23-JUL-2006 09:30	1.000	RSS	7	8260b+nbutyl-ol
20607201904	A	IS3 low	v4514.d	5.67 g	23-JUL-2006 09:55	1.000	RSS	1	8260b+nbutyl-ol
20607200612	B	Med	v4515.d	7.01 g	23-JUL-2006 10:19	1.000	RSS	2	8260b+nbutyl-ol
20607200617	B	C.O.	v4516.d	6.89 g	23-JUL-2006 10:43	1.000	RSS	3	8260b+nbutyl-ol
BLANK			v4517.d	5.00 g	23-JUL-2006 11:07	1.000	RSS	4	8260b+nbutyl-ol
BLANK			v4518.d	5.00 g	23-JUL-2006 11:32	1.000	RSS	5	8260b+nbutyl-ol
20607191624	A		v4519.d	6.38 g	23-JUL-2006 11:56	1.000	RSS	6	8260b+nbutyl-ol
20607201904	B	hit 203	v4520.d	6.91 g	23-JUL-2006 12:21	1.000	RSS	7	8260b+nbutyl-ol
20607200602	A		v4521.d	6.77 g	23-JUL-2006 12:45	1.000	RSS	8	8260b+nbutyl-ol
20607191625	A		v4522ms.d	6.73 g	23-JUL-2006 13:09	1.000	RSS	9	8260b
20607191626	A		v4523msd.d	6.61 g	23-JUL-2006 13:33	1.000	RSS	10	8260b
20607200603	A		v4524ms.d	7.71 g	23-JUL-2006 13:57	1.000	RSS	11	8260b
20607200604	A	IS failure	v4525msd.d	5.14 g	23-JUL-2006 14:22	1.000	RSS	12	8260b
20607201905	A		v4526ms.d	7.30 g	23-JUL-2006 14:46	1.000	RSS	13	8260b
20607201906	A		v4527msd.d	6.57 g	23-JUL-2006 15:11	1.000	RSS	14	8260b
20607200604	B	IS3 low	v4528msd.d	5.00 g	23-JUL-2006 15:35	1.000	RSS	15	8260b
BLANK			v4529.d	5.00 g	23-JUL-2006 16:00	1.000	RSS	16	8260b+nbutyl-ol
20607200604	B	bad purge	v4530msd.d	7.63 g	23-JUL-2006 16:24	1.000	RSS	17	8260b
BLANK			v4531.d	5.00 g	23-JUL-2006 16:49	1.000	RSS	18	8260b+nbutyl-ol
20607201202	A	S3hi B pmtune	v4532.d	7.70 g	23-JUL-2006 17:13	1.000	RSS	19	8260b+nbutyl-ol
20607200604	B		v4533msd.d	5.94 g	23-JUL-2006 17:38	1.000	RSS	20	8260b

LABORATORY CHRONICLE: GC-MS DEPARTMENT

Date: 14-JUN-2006
Instrument: msv5.i
Analyst(s): ABD

Standard	Conc ppm		ICV
Int. Standard	25	5-48-6	
Surrogate	25	5-48-6	
THF	250	5-47-18	5-41-5
APP2	50	5-45-11	5-41-8
APP1	250	5-40-1	5-49-1

Sample ID	Status/Comments	DataFile	WT VOL	Injection Time	DilFactor	ALS
1000		g5021.d	0.00	14-JUN-2006 06:14	1.000	2
1400		g5022.d	5.00	14-JUN-2006 06:46	1.000	1
1206	APP9	g5023.d	5.00	14-JUN-2006 07:30	1.000	2
1201		g5024.d	5.00	14-JUN-2006 08:00	1.000	3
1201		g5025.d	5.00	14-JUN-2006 08:30	1.000	3
1208		g5026.d	5.00	14-JUN-2006 08:56	1.000	4
1202		g5027.d	5.00	14-JUN-2006 09:23	1.000	5
1203		g5028.d	5.00	14-JUN-2006 09:48	1.000	6
1204		g5029.d	5.00	14-JUN-2006 10:15	1.000	7
1205		g5030.d	5.00	14-JUN-2006 10:47	1.000	8
BLANK		g5031.d	5.00	14-JUN-2006 11:12	1.000	9
1600		g5032.d	5.00	14-JUN-2006 11:42	1.000	10

REVISED 01/01/2000 TUNE 18:14

LABORATORY CHRONICLE: GC-MS DEPARTMENT

Date: 18-JUN-2006
Instrument: msv5.i
Analyst(s): VWM

Standard	Conc ppm	
Int. Standard	50	5-44-11
Surrogate	50	5-50-5
8260	50	5-48-9
Ac/Ac/VA	250/50	5-49-6
CVE	50	5-49-3

Sample ID	Status/Comments	DataFile	WT VOL	Injection Time	DilFactor	ALS
1000		g5209.d	0.00	18-JUN-2006 15:58	1.000	2
1210		g5210.d	5.00	18-JUN-2006 16:30	1.000	1
1209		g5211.d	5.00	18-JUN-2006 17:00	1.000	2
1207		g5212.d	5.00	18-JUN-2006 17:39	1.000	3
1201		g5213.d	5.00	18-JUN-2006 18:05	1.000	5
1208		g5214.d	5.00	18-JUN-2006 18:30	1.000	6
1202		g5215.d	5.00	18-JUN-2006 18:55	1.000	6
1203		g5216.d	5.00	18-JUN-2006 19:21	1.000	7
1204		g5217.d	5.00	18-JUN-2006 19:46	1.000	8
BLANK		g5218.d	5.00	18-JUN-2006 20:12	1.000	10
1600		g5219.d	5.00	18-JUN-2006 20:37	1.000	11

REVISED 0

The ICV analyzed in data file g5219 was spiked incorrectly. The ICV was reanalyzed prior to sample analysis (data file g5227).

188714

LABORATORY CHRONICLE: GC-MS DEPARTMENT

Date: 19-JUN-2006
Instrument: msv5.i
Analyst(s): ABD

Standard	Conc ppm		ICV
Int. Standard	25	5-48-6	
Surrogate	25	5-48-6	
8260	250	5-48-9	5-46-4
Ac/Ac/VA	250/50	5-49-6	5-45-2
CVE	250	5-49-3	5-47-5
THF	250	5-50-3	
APP1	250	5-40-1	
APP2	50	5-45-11	

Sample ID	Status/Comments	DataFile	WT VOL	Injection Time	DilFactor	ALS
1000		g5220.d	0.00	19-JUN-2006 06:14	1.000	2
1000		g5220c.d	0.00	19-JUN-2006 06:14	1.000	2
BLANK		g5221.d	5.00	19-JUN-2006 06:40	1.000	2
1400		g5222.d	5.00	19-JUN-2006 07:13	1.000	16
1400		g5222c.d	5.00	19-JUN-2006 07:13	1.000	16
381818		g5223.d	5.00	19-JUN-2006 07:42	1.000	1
381342		g5223c.d	5.00	19-JUN-2006 07:42	50.000	1
381819		g5224.d	5.00	19-JUN-2006 08:08	1.000	2
381343		g5224c.d	5.00	19-JUN-2006 08:08	50.000	2
1600		g5225.d	5.00	19-JUN-2006 08:33	1.000	3
1400	APP9	g5226.d	5.00	19-JUN-2006 08:58	1.000	4
1600		g5227.d	5.00	19-JUN-2006 09:23	1.000	5
381341		g5228.d	5.00	19-JUN-2006 09:49	50.000	6
381817		g5229.d	5.00	19-JUN-2006 10:15	1.000	7
20606163202		g5230.d	5.00	19-JUN-2006 10:49	1.000	7
20606071601		g5231.d	5.07	19-JUN-2006 11:15	50.000	8
20606071602		g5232.d	5.22	19-JUN-2006 11:40	50.000	9
20606071603		g5233.d	5.25	19-JUN-2006 12:05	50.000	10
20606071604		g5234.d	5.22	19-JUN-2006 12:31	50.000	11
20606071607		g5235.d	5.03	19-JUN-2006 12:56	50.000	12
20606120301		g5236.d	5.00	19-JUN-2006 13:21	20.000	13
20606091917		g5237.d	5.00	19-JUN-2006 13:47	1.000	14
20606142910		g5238.d	5.00	19-JUN-2006 14:12	1.000	15
20606140109		g5239.d	5.00	19-JUN-2006 14:38	1.000	16
381995		g5240.d	5.00	19-JUN-2006 15:06	1.000	1
381996		g5241.d	5.00	19-JUN-2006 15:31	1.000	2
BLANK		g5242.d	5.00	19-JUN-2006 15:57	1.000	3
20606130108		g5243.d	5.00	19-JUN-2006 16:22	1.000	4
20606164404		g5244.d	4.69	19-JUN-2006 16:48	50.000	5
20606164402		g5245.d	6.10	19-JUN-2006 17:13	50.000	6
20606164405		g5246.d	6.78	19-JUN-2006 17:39	250.000	7

LABORATORY CHRONICLE: MSV DEPARTMENT

Date: 21-JUL-2006
Instrument: msv5.i
Analyst(s): RSS

Standard	Conc ppm	
Int. Standard	25	5-49-10
Surrogate	25	5-49-10
8260	250	5-50-8
Ac/Ac/VA	250/50	5-50-13
CVE	50	5-51-4
Appendix 9 Mix 1	250	5-49-8
Appendix 9 Mix 2	50	5-49-9
Tetrahyrdrofuran	250	5-50-3

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1000		g6349.d	0.00 ml	21-JUL-2006 21:46	1.000	RSS	2	all
1400		g6350.d	5.00 ml	21-JUL-2006 22:21	1.000	RSS	7	8260b
1400	App9	g6351.d	5.00 ml	21-JUL-2006 22:58	1.000	KCB	12	APP9
393137		g6352.d	5.00 ml	21-JUL-2006 23:23	1.000	KCB	13	8260b
393137		g6353.d	5.00 ml	21-JUL-2006 23:48	1.000	KCB	12	8260b
BLANK		g6354.d	5.00 ml	22-JUL-2006 00:13	1.000	RSS	13	8260b
393136		g6355.d	5.00 ml	22-JUL-2006 00:39	1.000	KCB	14	all
20607191413		g6356.d	5.00 ml	22-JUL-2006 01:03	1.000	KCB	15	all
20607191422		g6357.d	5.00 ml	22-JUL-2006 01:28	1.000	KCB	16	all
20607191435		g6358.d	5.00 ml	22-JUL-2006 01:53	1.000	KCB	1	all
20607191509		g6359.d	5.00 ml	22-JUL-2006 02:19	1.000	KCB	2	all
20607191510		g6360.d	5.00 ml	22-JUL-2006 02:44	1.000	KCB	3	all
20607191511		g6361.d	5.00 ml	22-JUL-2006 03:09	1.000	KCB	4	all
20607191529		g6362.d	5.00 ml	22-JUL-2006 03:34	1.000	KCB	5	all
20607191609		g6363.d	5.00 ml	22-JUL-2006 03:59	1.000	KCB	6	all
20607191613		g6364.d	5.00 ml	22-JUL-2006 04:24	1.000	KCB	7	all
20607191614		g6365.d	5.00 ml	22-JUL-2006 04:48	1.000	KCB	8	all
20607191615		g6366.d	5.00 ml	22-JUL-2006 05:13	1.000	KCB	9	all
20607191616		g6367.d	5.00 ml	22-JUL-2006 05:38	1.000	KCB	10	all
20607191627		g6368.d	5.00 ml	22-JUL-2006 06:50	1.000	KCB	1	all
20607201209		g6369.d	5.00 ml	22-JUL-2006 07:15	1.000	KCB	2	all
20607200610		g6370.d	5.00 ml	22-JUL-2006 07:40	1.000	KCB	3	all
20607200622		g6371.d	5.00 ml	22-JUL-2006 08:05	1.000	KCB	4	all
20607200623		g6372.d	5.00 ml	22-JUL-2006 08:30	1.000	RSS	5	all
20607201224		g6373.d	5.00 ml	22-JUL-2006 09:14	1.000	RSS	6	all
20607201233		g6374.d	5.00 ml	22-JUL-2006 09:39	1.000	RSS	7	all

LABORATORY CHRONICLE: MSV DEPARTMENT

Date: 27-JUL-2006
Instrument: msv5.i
Analyst(s): ABD

Standard	Conc ppm	
Int. Standard	25	5-49-10
Surrogate	25	5-49-10
8260	250	5-50-8
Ac/Ac/VA	250/50	5-49-11
CVE	250	5-50-7

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1000		g6609.d	0.00 ml	27-JUL-2006 20:03	1.000	ABD	2	all
1000	changed septa	g6610.d	0.00 ml	27-JUL-2006 20:23	1.000	RSS	2	all
1000	baked out GC	g6611.d	0.00 ml	27-JUL-2006 20:43	1.000	RSS	2	all
1000		g6612bfb.d	0.00 ml	27-JUL-2006 21:13	1.000	RSS	2	all
1400		g6613.d	5.00 ml	27-JUL-2006 21:41	1.000	RSS	6	8260b
1400		g6614.d	5.00 ml	27-JUL-2006 22:13	1.000	RSS	7	APP9
395128		g6615.d	5.00 g	27-JUL-2006 22:37	50.000	RSS	8	8260b
395129		g6616.d	5.00 g	27-JUL-2006 23:02	50.000	RSS	9	8260b
BLANK		g6617.d	5.00 ml	27-JUL-2006 23:27	1.000	RSS	10	8260b
395127		g6618.d	5.00 g	27-JUL-2006 23:53	50.000	RSS	11	all
20607201204		g6619.d	7.12 g	28-JUL-2006 00:37	50.000	KCB	1	all
20607201221		g6620.d	6.95 g	28-JUL-2006 01:01	50.000	KCB	2	all
20607201205		g6621ms.d	6.53 g	28-JUL-2006 01:36	50.000	KCB	3	8260b
20607201206		g6622msd.d	5.00 g	28-JUL-2006 02:01	50.000	KCB	4	8260b
20607201222		g6623ms.d	6.52 g	28-JUL-2006 02:26	50.000	KCB	5	8260b
20607201223		g6624msd.d	5.57 g	28-JUL-2006 02:50	50.000	KCB	6	8260b
BLANK		g6625.d	5.00 g	28-JUL-2006 03:15	1.000	KCB	7	all
20607202115		g6626.d	7.57 g	28-JUL-2006 03:40	50.000	KCB	8	all
20607202122	RR 1:200	g6627.d	7.03 g	28-JUL-2006 04:05	50.000	KCB	9	all
20607210705	RR CO	g6628.d	6.70 g	28-JUL-2006 04:30	50.000	KCB	10	all
20607200611	RR CO	g6629.d	5.95 g	28-JUL-2006 04:55	50.000	KCB	11	all
20607200612		g6630.d	5.75 g	28-JUL-2006 05:20	50.000	KCB	12	all
20607210723		g6631.d	7.48 g	28-JUL-2006 05:44	50.000	KCB	13	all
20607210901		g6632.d	6.36 g	28-JUL-2006 06:09	50.000	KCB	14	all
20607210903		g6633.d	6.76 g	28-JUL-2006 06:34	50.000	KCB	15	all
20607210905		g6634.d	5.96 g	28-JUL-2006 06:59	50.000	KCB	16	all

TUNE = 9:13

LABORATORY CHRONICLE: MSV DEPARTMENT

Date: 27-JUL-2006
Instrument: msv5.i
Analyst(s): ABD

Standard	Conc ppm	
Int. Standard	25	5-49-10
Surrogate	25	5-49-10
8260	250	5-50-8
Ac/Ac/VA	250/50	5-49-11
CVE	250	5-50-7

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1000		g6609.d	0.00 ml	27-JUL-2006 20:03	1.000	ABD	2	all
1000	changed septa	g6610.d	0.00 ml	27-JUL-2006 20:23	1.000	RSS	2	all
1000	baked out GC	g6611.d	0.00 ml	27-JUL-2006 20:43	1.000	RSS	2	all
1000		g6612bfb.d	0.00 ml	27-JUL-2006 21:13	1.000	RSS	2	all
1400		g6613.d	5.00 ml	27-JUL-2006 21:41	1.000	RSS	6	8260b
1400		g6614.d	5.00 ml	27-JUL-2006 22:13	1.000	RSS	7	APP9
395128		g6615.d	5.00 g	27-JUL-2006 22:37	50.000	RSS	8	8260b
395129		g6616.d	5.00 g	27-JUL-2006 23:02	50.000	RSS	9	8260b
BLANK		g6617.d	5.00 ml	27-JUL-2006 23:27	1.000	RSS	10	8260b
395127		g6618.d	5.00 g	27-JUL-2006 23:53	50.000	RSS	11	all
20607201204		g6619.d	7.12 g	28-JUL-2006 00:37	50.000	KCB	1	all
20607201221		g6620.d	6.95 g	28-JUL-2006 01:01	50.000	KCB	2	all
20607201205		g6621ms.d	6.53 g	28-JUL-2006 01:36	50.000	KCB	3	8260b
20607201206		g6622msd.d	5.00 g	28-JUL-2006 02:01	50.000	KCB	4	8260b
20607201222		g6623ms.d	6.52 g	28-JUL-2006 02:26	50.000	KCB	5	8260b
20607201223		g6624msd.d	5.57 g	28-JUL-2006 02:50	50.000	KCB	6	8260b
BLANK		g6625.d	5.00 g	28-JUL-2006 03:15	1.000	KCB	7	all
20607202115		g6626.d	7.57 g	28-JUL-2006 03:40	50.000	KCB	8	all
20607202122	RR 1:200	g6627.d	7.03 g	28-JUL-2006 04:05	50.000	KCB	9	all
20607210705	RR CO	g6628.d	6.70 g	28-JUL-2006 04:30	50.000	KCB	10	all
20607200611	RR CO	g6629.d	5.95 g	28-JUL-2006 04:55	50.000	KCB	11	all
20607200612		g6630.d	5.75 g	28-JUL-2006 05:20	50.000	KCB	12	all
20607210723		g6631.d	7.48 g	28-JUL-2006 05:44	50.000	KCB	13	all
20607210901		g6632.d	6.36 g	28-JUL-2006 06:09	50.000	KCB	14	all
20607210903		g6633.d	6.76 g	28-JUL-2006 06:34	50.000	KCB	15	all
20607210905		g6634.d	5.96 g	28-JUL-2006 06:59	50.000	KCB	16	all

TUNE = 9:13

2C

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Method: SW-846 8270 Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1	#	SMC2	#	SMC3	#	SMC4	#	SMC5	#	SMC6	#	TOT OUT
1 .	FB-503	84		72		89		35		56		92		0
2 .	LCS392710	77		74		77		33		51		93		0
3 .	LCSD392711	79		81		88		36		57		101		0
4 .	MB392709	79		77		81		37		56		83		0

CONTROL LIMITS

SMC 1	Nitrobenzene-d5	43	110
SMC 2	2-Fluorobiphenyl	16	128
SMC 3	Terphenyl-d14	47	121
SMC 4	Phenol-d5	10	76
SMC 5	2-Fluorophenol	24	96
SMC 6	2,4,6-Tribromophenol	19	133

Column to be used to flag recovery limits

* Value outside of contract required limits

D Surrogate diluted out

FORM II SV-1

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Method: SW-846 8270 Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1	#	SMC2	#	SMC3	#	SMC4	#	SMC5	#	SMC6	#	TOT OUT
1.	SF3SB45-089-(0-0.5)	82		89		56		77		89		58		0
2.	SF3SB45-090-(1-2)	0	D	0	D	0	D	0	D	0	D	0	D	0
3.	SF3SB45-090-(1-2)MS	71		79		43		82		95		79		0
4.	SF3SB45-090-(1-2)MSD	86		91		53		92		115	*	100		1
5.	SI5SB74-147-(0-0.5)	81		84		53		75		104		63		0
6.	SI5SB74-148-(1-2)	75		70		56		75		102		61		0
7.	SH4SB64-128-(1-2)	82		82		83		83		110	*	83		1
8.	SH4SB64-127-(0-0.5)	77		83		49		69		88		66		0
9.	SF4SB46-091-(0-0.5)	0	D	0	D	0	D	0	D	0	D	0	D	0
10.	SF4SB46-092-(1-2)	0	D	0	D	0	D	0	D	0	D	0	D	0
11.	SG4SB56-112-(1-2)	0	D	0	D	0	D	0	D	0	D	0	D	0
12.	SG4SB56-111-(0-0.5)	85		92		45		75		105		72		0
13.	SE3SB39-077-(0-0.5)	84		83		97		75		95		64		0
14.	SE3SB39-078-(1-2)	85		82		47		74		111	*	74		1
15.	SH5SB66-131-(0-0.5)	82		80		47		71		105		73		0
16.	SH5SB66-132-(1-2)	83		81		44		76		111	*	65		1
17.	MB392365	77		79		65		74		87		62		0
18.	LCS392366	69		82		69		74		83		73		0
19.	LCSD392367	75		85		64		76		86		77		0

		CONTROL LIMITS	
SMC 1	Nitrobenzene-d5	33	116
SMC 2	2-Fluorobiphenyl	30	118
SMC 3	Terphenyl-d14	26	135
SMC 4	Phenol-d5	25	117
SMC 5	2-Fluorophenol	28	106
SMC 6	2,4,6-Tribromophenol	17	120

Column to be used to flag recovery limits

* Value outside of contract required limits

D Surrogate diluted out

FORM II SV-2

3D
SOIL SEMIVOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: DNT DEBRIS (TCLP)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328467 Analytical Batch.: 328664

Spike HSN : 392712

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	MS % REC FLAG	QC. LIMITS
2,4,5-Trichlorophenol	ug/L	500	0	322	64		58 - 111
2,4,6-Trichlorophenol	ug/L	500	0	314	63		60 - 110
2,4-Dinitrotoluene	ug/L	500	21000	23100	420	*	44 - 121
Hexachlorobenzene	ug/L	500	0	430	86		50 - 121
Hexachloroethane	ug/L	500	0	269	54		43 - 111
Nitrobenzene	ug/L	500	0	390	78		53 - 112
Pentachlorophenol	ug/L	500	0	301	60		23 - 142
Pyridine	ug/L	500	0	0	0	*	11 - 92
m,p-Cresol	ug/L	500	0	320	64		50 - 110
o-Cresol	ug/L	500	0	302	60		50 - 108

Spike Dupe HSN : 392713

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
2,4,5-Trichlorophenol	ug/L	500	347	69		7		58 - 111	0 - 19
2,4,6-Trichlorophenol	ug/L	500	349	70		11		60 - 110	0 - 21
2,4-Dinitrotoluene	ug/L	500	25000	800	*	8		44 - 121	0 - 23
Hexachlorobenzene	ug/L	500	395	79		8		50 - 121	0 - 19
Hexachloroethane	ug/L	500	265	53		1		43 - 111	0 - 21
Nitrobenzene	ug/L	500	374	75		4		53 - 112	0 - 23
Pentachlorophenol	ug/L	500	283	57		6		23 - 142	0 - 26
Pyridine	ug/L	500	0	0	*	0		11 - 92	0 - 29
m,p-Cresol	ug/L	500	283	57		12		50 - 110	0 - 23
o-Cresol	ug/L	500	308	62		2		50 - 108	0 - 25

RPD : 0 out of 10 outside limits

Spike Recovery: 4 out of 20 outside limits

3C
WATER SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8270

Prep Batch: 328467 Analytical Batch.: 328664

Spike HSN : 392710

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	REC FLAG	QC. LIMITS
1,2 Diphenylhydrazine	ug/L	100	0	76.2	76		60 - 120
2,4,5-Trichlorophenol	ug/L	100	0	74.6	75		60 - 116
2,4,6-Trichlorophenol	ug/L	100	0	71.2	71		59 - 115
2,4-Dichlorophenol	ug/L	100	0	67.7	68		55 - 114
2,4-Dimethylphenol	ug/L	100	0	58.2	58		14 - 122
2,4-Dinitrophenol	ug/L	100	0	74.8	75		18 - 137
2,4-Dinitrotoluene	ug/L	100	0	80.8	81		37 - 138
2,6-Dinitrotoluene	ug/L	100	0	75.3	75		56 - 128
2-Chloronaphthalene	ug/L	100	0	69.6	70		48 - 110
2-Chlorophenol	ug/L	100	0	64.4	64		42 - 111
2-Methyl-4,6-dinitrophenol	ug/L	100	0	74.3	74		49 - 119
2-Methylnaphthalene	ug/L	100	0	62.2	62		40 - 110
2-Nitroaniline	ug/L	100	0	85.4	85		48 - 107
2-Nitrophenol	ug/L	100	0	66.3	66		59 - 110
3,3'-Dichlorobenzidine	ug/L	100	0	90.1	90		51 - 154
3-Nitroaniline	ug/L	100	0	84.4	84		34 - 118
4-Bromophenyl-phenylether	ug/L	100	0	80.2	80		61 - 112
4-Chloro-3-methylphenol	ug/L	100	0	72.9	73		44 - 118
4-Chloroaniline	ug/L	100	0	74.8	75		30 - 114
4-Chlorophenyl-phenylether	ug/L	100	0	81.7	82		52 - 115
4-Nitroaniline	ug/L	101	0	93.2	92		38 - 114
4-Nitrophenol	ug/L	100	0	34.7	35		3 - 83
Acenaphthene	ug/L	100	0	69.8	70		52 - 108
Acenaphthylene	ug/L	100	0	68.7	69		55 - 104
Acetophenone	ug/L	100	0	78.4	78		60 - 124
Aniline	ug/L	100	0	43.1	43		19 - 124
Anthracene	ug/L	100	0	77	77		58 - 113
Atrazine (Aatrex)	ug/L	100	0	84.3	84		39 - 148
Benzaldehyde	ug/L	100	0	228	228	*	40 - 118
Benzidine	ug/L	100	0	1.63	2	*	10 - 119
Benzo(a)anthracene	ug/L	100	0	78.7	79		56 - 113
Benzo(a)pyrene	ug/L	100	0	93	93		56 - 118
Benzo(b)fluoranthene	ug/L	100	0	80.6	81		55 - 116
Benzo(g,h,i)perylene	ug/L	100	0	83.2	83		44 - 132
Benzo(k)fluoranthene	ug/L	100	0	73.9	74		49 - 121

RPD : 0 out of 70 outside limits

Spike Recovery: 4 out of 140 outside limits

FORM III SV-1

3C
WATER SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8270

Prep Batch: 328467 Analytical Batch.: 328664

Benzoic acid	ug/L	100	0	38.4	38		10 - 41
Benzyl alcohol	ug/L	100	0	61.9	62		32 - 113
Biphenyl	ug/L	100	0	75.1	75		39 - 122
Bis(2-Chloroethoxy)methane	ug/L	100	0	75.5	76		56 - 112
Bis(2-Chloroethyl)ether	ug/L	100	0	59.6	60		37 - 117
Butylbenzylphthalate	ug/L	100	0	89.8	90		62 - 122
Caprolactam	ug/L	100	0	30.1	30		4 - 41
Carbazole	ug/L	100	0	85.2	85		47 - 107
Chrysene	ug/L	98	0	71.8	73		58 - 117
Di-n-butylphthalate	ug/L	100	0	93.1	93		62 - 122
Di-n-octylphthalate	ug/L	100	0	102	102		56 - 133
Dibenz(a,h)anthracene	ug/L	100	0	83.6	84		50 - 138
Dibenzofuran	ug/L	100	0	69.8	70		54 - 112
Diethylphthalate	ug/L	100	0	86.3	86		56 - 120
Dimethyl-phthalate	ug/L	100	0	83.4	83		59 - 116
Fluoranthene	ug/L	100	0	80.9	81		55 - 118
Fluorene	ug/L	100	0	74.6	75		54 - 111
Hexachlorobenzene	ug/L	100	0	69.7	70		61 - 112
Hexachlorocyclopentadiene	ug/L	100	0	51.8	52		16 - 98
Hexachloroethane	ug/L	100	0	52.7	53		21 - 95
Indeno(1,2,3-cd)pyrene	ug/L	100	0	62	62		43 - 133
Isophorone	ug/L	100	0	73	73		53 - 117
N-Nitroso-di-n-propylamine	ug/L	100	0	79.4	79		47 - 118
N-Nitrosodimethylamine	ug/L	100	0	60.9	61		12 - 82
N-Nitrosodiphenylamine	ug/L	98	0	77.4	79		58 - 121
Nitrobenzene	ug/L	100	0	72.9	73		53 - 113
Pentachlorophenol	ug/L	100	0	80.5	81		25 - 158
Phenanthrene	ug/L	100	0	70.7	71		58 - 111
Phenol	ug/L	100	0	28.8	29		16 - 65
Pyrene	ug/L	100	0	73	73		54 - 117
Pyridine	ug/L	100	0	16.9	17		2 - 75
bis(2-Chloroisopropyl)ether	ug/L	100	0	66.5	67		47 - 116
bis(2-ethylhexyl)phthalate	ug/L	100	0	95	95		56 - 132
m,p-Cresol	ug/L	100	0	55.6	56		24 - 104
o-Cresol	ug/L	100	0	54.5	55		31 - 110

RPD : 0 out of 70 outside limits

Spike Recovery: 4 out of 140 outside limits

FORM III SV-1

3C
WATER SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8270

Prep Batch: 328467 Analytical Batch.: 328664

Spike Dupe HSN : 392711

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
1,2 Diphenylhydrazine	ug/L	100	82.5	83		8		60 - 120	0 - 50
2,4,5-Trichlorophenol	ug/L	100	76.4	76		2		60 - 116	0 - 50
2,4,6-Trichlorophenol	ug/L	100	78.1	78		9		59 - 115	0 - 50
2,4-Dichlorophenol	ug/L	100	68.6	69		1		55 - 114	0 - 50
2,4-Dimethylphenol	ug/L	100	65.2	65		11		14 - 122	0 - 50
2,4-Dinitrophenol	ug/L	100	82.1	82		9		18 - 137	0 - 50
2,4-Dinitrotoluene	ug/L	100	86.8	87		7		37 - 138	0 - 33
2,6-Dinitrotoluene	ug/L	100	88.1	88		16		56 - 128	0 - 50
2-Chloronaphthalene	ug/L	100	74.2	74		6		48 - 110	0 - 50
2-Chlorophenol	ug/L	100	68.1	68		6		42 - 111	0 - 24
2-Methyl-4,6-dinitrophenol	ug/L	100	84.9	85		13		49 - 119	0 - 50
2-Methylnaphthalene	ug/L	100	66.5	67		7		40 - 110	0 - 50
2-Nitroaniline	ug/L	100	90.9	91		6		48 - 107	0 - 50
2-Nitrophenol	ug/L	100	66.3	66		0		59 - 110	0 - 50
3,3'-Dichlorobenzidine	ug/L	100	103	103		13		51 - 154	0 - 50
3-Nitroaniline	ug/L	100	91.1	91		8		34 - 118	0 - 50
4-Bromophenyl-phenylether	ug/L	100	87.8	88		9		61 - 112	0 - 50
4-Chloro-3-methylphenol	ug/L	100	78.1	78		7		44 - 118	0 - 26
4-Chloroaniline	ug/L	100	76.5	77		2		30 - 114	0 - 50
4-Chlorophenyl-phenylether	ug/L	100	89.5	90		9		52 - 115	0 - 50
4-Nitroaniline	ug/L	101	102	101		9		38 - 114	0 - 50
4-Nitrophenol	ug/L	100	38.7	39		11		3 - 83	0 - 31
Acenaphthene	ug/L	100	75.9	76		8		52 - 108	0 - 32
Acenaphthylene	ug/L	100	74.7	75		8		55 - 104	0 - 50
Acetophenone	ug/L	100	84.7	85		8		60 - 124	0 - 50
Aniline	ug/L	100	48	48		11		19 - 124	0 - 50
Anthracene	ug/L	100	82.7	83		7		58 - 113	0 - 50
Atrazine (Aatrex)	ug/L	100	95.3	95		12		39 - 148	0 - 50
Benzaldehyde	ug/L	100	266	266	*	15		40 - 118	0 - 50
Benzidine	ug/L	100	1.66	2	*	2		10 - 119	0 - 50
Benzo(a)anthracene	ug/L	100	82.4	82		5		56 - 113	0 - 50
Benzo(a)pyrene	ug/L	100	99.4	99		7		56 - 118	0 - 50
Benzo(b)fluoranthene	ug/L	100	87.4	87		8		55 - 116	0 - 50
Benzo(g,h,i)perylene	ug/L	100	91.8	92		10		44 - 132	0 - 50
Benzo(k)fluoranthene	ug/L	100	82	82		10		49 - 121	0 - 50

RPD : 0 out of 70 outside limits

Spike Recovery: 4 out of 140 outside limits

FORM III SV-1

188724

3C
WATER SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8270

Prep Batch: 328467 Analytical Batch.: 328664

Benzoic acid	ug/L	100	37.2	37		3		10 - 41	0 - 50
Benzyl alcohol	ug/L	100	64.1	64		3		32 - 113	0 - 50
Biphenyl	ug/L	100	78.5	79		4		39 - 122	0 - 50
Bis(2-Chloroethoxy)methane	ug/L	100	76	76		.7		56 - 112	0 - 50
Bis(2-Chloroethyl)ether	ug/L	100	72	72		19		37 - 117	0 - 50
Butylbenzylphthalate	ug/L	100	99	99		10		62 - 122	0 - 50
Caprolactam	ug/L	100	31.8	32		5		4 - 41	0 - 50
Carbazole	ug/L	100	89.4	89		5		47 - 107	0 - 50
Chrysene	ug/L	98	80.3	82		11		58 - 117	0 - 50
Di-n-butylphthalate	ug/L	100	98.3	98		5		62 - 122	0 - 50
Di-n-octylphthalate	ug/L	100	105	105		3		56 - 133	0 - 50
Dibenz(a,h)anthracene	ug/L	100	86.7	87		4		50 - 138	0 - 50
Dibenzofuran	ug/L	100	75.2	75		7		54 - 112	0 - 50
Diethylphthalate	ug/L	100	100	100		15		56 - 120	0 - 50
Dimethyl-phthalate	ug/L	100	97.1	97		15		59 - 116	0 - 50
Fluoranthene	ug/L	100	86.6	87		7		55 - 118	0 - 50
Fluorene	ug/L	100	80.7	81		8		54 - 111	0 - 50
Hexachlorobenzene	ug/L	100	83.2	83		18		61 - 112	0 - 50
Hexachlorocyclopentadiene	ug/L	100	54.8	55		6		16 - 98	0 - 50
Hexachloroethane	ug/L	100	57.8	58		9		21 - 95	0 - 50
Indeno(1,2,3-cd)pyrene	ug/L	100	84.1	84		30		43 - 133	0 - 50
Isophorone	ug/L	100	75.9	76		4		53 - 117	0 - 50
N-Nitroso-di-n-propylamine	ug/L	100	89.8	90		12		47 - 118	0 - 32
N-Nitrosodimethylamine	ug/L	100	56.2	56		8		12 - 82	0 - 50
N-Nitrosodiphenylamine	ug/L	98	84.9	87		9		58 - 121	0 - 50
Nitrobenzene	ug/L	100	71.1	71		3		53 - 113	0 - 50
Pentachlorophenol	ug/L	100	87	87		8		25 - 158	0 - 32
Phenanthrene	ug/L	100	79.4	79		12		58 - 111	0 - 50
Phenol	ug/L	100	31.5	32		9		16 - 65	0 - 25
Pyrene	ug/L	100	77.9	78		6		54 - 117	0 - 30
Pyridine	ug/L	100	21	21		22		2 - 75	0 - 50
bis(2-Chloroisopropyl)ether	ug/L	100	71.5	72		7		47 - 116	0 - 50
bis(2-ethylhexyl)phthalate	ug/L	100	102	102		7		56 - 132	0 - 50
m,p-Cresol	ug/L	100	62.7	63		12		24 - 104	0 - 50
o-Cresol	ug/L	100	60.7	61		11		31 - 110	0 - 50

RPD : 0 out of 70 outside limits

Spike Recovery: 4 out of 140 outside limits

FORM III SV-1

3D
SOIL SEMIVOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328412 Analytical Batch.: 328661

Spike HSN : 20607200603

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	MS % REC FLAG	QC. LIMITS
1,2 Diphenylhydrazine	ug/kg	4410	0	3780	86		60 - 120
2,4,5-Trichlorophenol	ug/kg	4410	0	3010	68		58 - 111
2,4,6-Trichlorophenol	ug/kg	4410	0	3040	69		60 - 110
2,4-Dichlorophenol	ug/kg	4410	0	3010	68		53 - 111
2,4-Dimethylphenol	ug/kg	4410	0	3230	73		51 - 108
2,4-Dinitrophenol	ug/kg	4410	0	1440	33		27 - 121
2,4-Dinitrotoluene	ug/kg	4410	0	3190	72		44 - 121
2,6-Dinitrotoluene	ug/kg	4410	0	3340	76		55 - 117
2-Chloronaphthalene	ug/kg	4410	0	3210	73		57 - 112
2-Chlorophenol	ug/kg	4410	0	2840	64		44 - 113
2-Methyl-4,6-dinitrophenol	ug/kg	4410	0	1140	26	*	49 - 115
2-Methylnaphthalene	ug/kg	4410	0	3190	72		53 - 110
2-Nitroaniline	ug/kg	4410	0	3490	79		38 - 107
2-Nitrophenol	ug/kg	4410	0	2880	65		58 - 110
3,3'-Dichlorobenzidine	ug/kg	4410	0	3170	72		24 - 127
3-Nitroaniline	ug/kg	4410	0	3550	80		9 - 106
4-Bromophenyl-phenylether	ug/kg	4410	0	3820	86		59 - 118
4-Chloro-3-methylphenol	ug/kg	4410	0	3270	74		48 - 112
4-Chloroaniline	ug/kg	4410	0	2810	64		3 - 101
4-Chlorophenyl-phenylether	ug/kg	4410	0	3860	87		54 - 112
4-Nitroaniline	ug/kg	4470	0	3660	82		24 - 99
4-Nitrophenol	ug/kg	4410	0	3470	79		38 - 125
Acenaphthene	ug/kg	4410	0	3380	77		41 - 120
Acenaphthylene	ug/kg	4410	0	3510	80		57 - 105
Acetophenone	ug/kg	4410	0	3290	74		55 - 117
Aniline	ug/kg	4410	0	2050	47		4 - 126
Anthracene	ug/kg	4410	582	3510	66		60 - 108
Atrazine (Aatrex)	ug/kg	4410	0	4280	97		37 - 148
Benzaldehyde	ug/kg	4410	0	782	18	*	25 - 127
Benzidine	ug/kg	4410	0	379	9		8 - 78
Benzo(a)anthracene	ug/kg	4410	0	3570	81		60 - 107
Benzo(a)pyrene	ug/kg	4410	966	4220	74		62 - 110
Benzo(b)fluoranthene	ug/kg	4410	1230	4710	79		56 - 110
Benzo(g,h,i)perylene	ug/kg	4410	1870	1630	-5	*	46 - 128
Benzo(k)fluoranthene	ug/kg	4410	0	3100	70		55 - 113
Benzoic acid	ug/kg	4410	0	883	20		10 - 130

RPD : 14 out of 70 outside limits

Spike Recovery: 15 out of 140 outside limits

FORM III SV-2

3D
SOIL SEMIVOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328412 Analytical Batch.: 328661

Benzyl alcohol	ug/kg	4410	0	3270	74		48 - 116
Biphenyl	ug/kg	4410	0	3620	82		43 - 118
Bis(2-Chloroethoxy)methane	ug/kg	4410	0	3210	73		53 - 109
Bis(2-Chloroethyl)ether	ug/kg	4410	0	2620	59		39 - 114
Butylbenzylphthalate	ug/kg	4410	0	2660	60	*	63 - 121
Caprolactam	ug/kg	4410	0	3670	83		42 - 130
Carbazole	ug/kg	4410	0	3710	84		50 - 96
Chrysene	ug/kg	4330	936	3470	59	*	61 - 111
Di-n-butylphthalate	ug/kg	4410	0	4120	93		60 - 115
Di-n-octylphthalate	ug/kg	4410	0	4200	95		55 - 121
Dibenz(a,h)anthracene	ug/kg	4410	0	2650	60		50 - 135
Dibenzofuran	ug/kg	4410	0	3140	71		55 - 110
Diethylphthalate	ug/kg	4410	0	3660	83		52 - 114
Dimethyl-phthalate	ug/kg	4410	0	3580	81		56 - 111
Fluoranthene	ug/kg	4410	685	4880	95		54 - 108
Fluorene	ug/kg	4410	0	3380	77		54 - 106
Hexachlorobenzene	ug/kg	4410	0	3170	72		50 - 121
Hexachlorocyclopentadiene	ug/kg	4410	0	1090	25	*	48 - 116
Hexachloroethane	ug/kg	4410	0	2030	46		43 - 111
Indeno(1,2,3-cd)pyrene	ug/kg	4410	1720	2850	26	*	43 - 132
Isophorone	ug/kg	4410	0	3270	74		55 - 112
N-Nitroso-di-n-propylamine	ug/kg	4410	0	3450	78		45 - 122
N-Nitrosodimethylamine	ug/kg	4410	0	3330	75		31 - 130
N-Nitrosodiphenylamine	ug/kg	4330	0	3550	82		58 - 123
Nitrobenzene	ug/kg	4410	0	2970	67		53 - 112
Pentachlorophenol	ug/kg	4410	0	2760	62		23 - 142
Phenanthrene	ug/kg	4410	0	3920	89		59 - 107
Phenol	ug/kg	4410	0	2890	65		34 - 116
Pyrene	ug/kg	4410	635	2450	41		39 - 135
Pyridine	ug/kg	4410	0	2520	57		11 - 92
bis(2-Chloroisopropyl)ether	ug/kg	4410	0	2470	56		45 - 113
bis(2-ethylhexyl)phthalate	ug/kg	4410	4200	3000	-27	*	56 - 127
m,p-Cresol	ug/kg	4410	0	3340	76		50 - 110
o-Cresol	ug/kg	4410	0	2960	67		50 - 108

RPD : 14 out of 70 outside limits

Spike Recovery: 15 out of 140 outside limits

FORM III SV-2

3D
SOIL SEMIVOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328412 Analytical Batch.: 328661

Spike Dupe HSN : 20607200604

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
1,2 Diphenylhydrazine	ug/kg	4360	3910	90		3		60 - 120	0 - 50
2,4,5-Trichlorophenol	ug/kg	4360	3500	80		15		58 - 111	0 - 19
2,4,6-Trichlorophenol	ug/kg	4360	3590	82		17		60 - 110	0 - 21
2,4-Dichlorophenol	ug/kg	4360	3420	78		13		53 - 111	0 - 21
2,4-Dimethylphenol	ug/kg	4360	3800	87		16		51 - 108	0 - 22
2,4-Dinitrophenol	ug/kg	4360	1340	31		8		27 - 121	0 - 49
2,4-Dinitrotoluene	ug/kg	4360	3630	83		13		44 - 121	0 - 23
2,6-Dinitrotoluene	ug/kg	4360	4020	92		18		55 - 117	0 - 19
2-Chloronaphthalene	ug/kg	4360	3830	88		18		57 - 112	0 - 19
2-Chlorophenol	ug/kg	4360	3260	75		14		44 - 113	0 - 26
2-Methyl-4,6-dinitrophenol	ug/kg	4360	1350	31	*	17		49 - 115	0 - 31
2-Methylnaphthalene	ug/kg	4360	3580	82		11		53 - 110	0 - 18
2-Nitroaniline	ug/kg	4360	4100	94		16		38 - 107	0 - 19
2-Nitrophenol	ug/kg	4360	3430	79		18		58 - 110	0 - 20
3,3'-Dichlorobenzidine	ug/kg	4360	3860	88		20		24 - 127	0 - 35
3-Nitroaniline	ug/kg	4360	4110	94		15		9 - 106	0 - 46
4-Bromophenyl-phenylether	ug/kg	4360	3740	86		2		59 - 118	0 - 22
4-Chloro-3-methylphenol	ug/kg	4360	3720	85		13		48 - 112	0 - 24
4-Chloroaniline	ug/kg	4360	3860	88		31		3 - 101	0 - 51
4-Chlorophenyl-phenylether	ug/kg	4360	4110	94		6		54 - 112	0 - 19
4-Nitroaniline	ug/kg	4400	4370	99		18		24 - 99	0 - 25
4-Nitrophenol	ug/kg	4360	4490	103		26		38 - 125	0 - 29
Acenaphthene	ug/kg	4360	3760	86		11		41 - 120	0 - 19
Acenaphthylene	ug/kg	4360	3740	86		6		57 - 105	0 - 18
Acetophenone	ug/kg	4360	4020	92		20		55 - 117	0 - 50
Aniline	ug/kg	4360	3250	74		45	*	4 - 126	0 - 29
Anthracene	ug/kg	4360	3840	75		9		60 - 108	0 - 19
Atrazine (Aatrex)	ug/kg	4360	4530	104		6		37 - 148	0 - 50
Benzaldehyde	ug/kg	4360	1440	33		60	*	25 - 127	0 - 50
Benzidine	ug/kg	4360	933	21		84	*	8 - 78	0 - 50
Benzo(a)anthracene	ug/kg	4360	4280	98		18		60 - 107	0 - 19
Benzo(a)pyrene	ug/kg	4360	4860	89		14		62 - 110	0 - 16
Benzo(b)fluoranthene	ug/kg	4360	4890	84		4		56 - 110	0 - 24
Benzo(g,h,i)perylene	ug/kg	4360	2170	7	*	29	*	46 - 128	0 - 19
Benzo(k)fluoranthene	ug/kg	4360	4190	96		30		55 - 113	0 - 31
Benzoic acid	ug/kg	4360	1230	28		33		10 - 130	0 - 40

RPD : 14 out of 70 outside limits

Spike Recovery: 15 out of 140 outside limits

FORM III SV-2

3D
SOIL SEMIVOLATILE MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328412 Analytical Batch.: 328661

Benzyl alcohol	ug/kg	4360	3630	83		10		48 - 116	0 - 37
Biphenyl	ug/kg	4360	4200	96		15		43 - 118	0 - 50
Bis(2-Chloroethoxy)methane	ug/kg	4360	3870	89		19		53 - 109	0 - 20
Bis(2-Chloroethyl)ether	ug/kg	4360	3720	85		35	*	39 - 114	0 - 24
Butylbenzylphthalate	ug/kg	4360	3130	72		16		63 - 121	0 - 21
Caprolactam	ug/kg	4360	4440	102		19		42 - 130	0 - 50
Carbazole	ug/kg	4360	4080	94		10		50 - 96	0 - 17
Chrysene	ug/kg	4270	3960	71		13		61 - 111	0 - 19
Di-n-butylphthalate	ug/kg	4360	4570	105		10		60 - 115	0 - 19
Di-n-octylphthalate	ug/kg	4360	4440	102		6		55 - 121	0 - 18
Dibenz(a,h)anthracene	ug/kg	4360	2760	63		4		50 - 135	0 - 23
Dibenzofuran	ug/kg	4360	3660	84		15		55 - 110	0 - 17
Diethylphthalate	ug/kg	4360	4390	101		18		52 - 114	0 - 20
Dimethyl-phthalate	ug/kg	4360	4330	99		19	*	56 - 111	0 - 17
Fluoranthene	ug/kg	4360	6230	127	*	24	*	54 - 108	0 - 20
Fluorene	ug/kg	4360	3900	89		14		54 - 106	0 - 16
Hexachlorobenzene	ug/kg	4360	3420	78		8		50 - 121	0 - 19
Hexachlorocyclopentadiene	ug/kg	4360	826	19	*	28	*	48 - 116	0 - 27
Hexachloroethane	ug/kg	4360	2650	61		27	*	43 - 111	0 - 21
Indeno(1,2,3-cd)pyrene	ug/kg	4360	3180	33	*	11		43 - 132	0 - 33
Isophorone	ug/kg	4360	3950	91		19		55 - 112	0 - 26
N-Nitroso-di-n-propylamine	ug/kg	4360	4330	99		23		45 - 122	0 - 38
N-Nitrosodimethylamine	ug/kg	4360	4670	107		33	*	31 - 130	0 - 20
N-Nitrosodiphenylamine	ug/kg	4270	3840	90		8		58 - 123	0 - 19
Nitrobenzene	ug/kg	4360	3670	84		21		53 - 112	0 - 23
Pentachlorophenol	ug/kg	4360	3080	71		11		23 - 142	0 - 26
Phenanthrene	ug/kg	4360	4800	110	*	20	*	59 - 107	0 - 18
Phenol	ug/kg	4360	3210	74		10		34 - 116	0 - 25
Pyrene	ug/kg	4360	3370	63		31	*	39 - 135	0 - 26
Pyridine	ug/kg	4360	3540	81		34	*	11 - 92	0 - 29
bis(2-Chloroisopropyl)ether	ug/kg	4360	3340	77		30	*	45 - 113	0 - 26
bis(2-ethylhexyl)phthalate	ug/kg	4360	3550	-15	*	17		56 - 127	0 - 21
m,p-Cresol	ug/kg	4360	3840	88		14		50 - 110	0 - 23
o-Cresol	ug/kg	4360	3450	79		15		50 - 108	0 - 25

RPD : 14 out of 70 outside limits

Spike Recovery: 15 out of 140 outside limits

FORM III SV-2

3D
SOIL SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328412 Analytical Batch.: 328661

Spike HSN : 392366

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	LCS % REC FLAG	QC. LIMITS
1,2 Diphenylhydrazine	ug/kg	3330	0	2790	84		60 - 120
2,4,5-Trichlorophenol	ug/kg	3330	0	2310	69		58 - 111
2,4,6-Trichlorophenol	ug/kg	3330	0	2270	68		60 - 110
2,4-Dichlorophenol	ug/kg	3330	0	2170	65		53 - 111
2,4-Dimethylphenol	ug/kg	3330	0	2210	66		51 - 108
2,4-Dinitrophenol	ug/kg	3330	0	1520	46		27 - 121
2,4-Dinitrotoluene	ug/kg	3330	0	2480	74		44 - 121
2,6-Dinitrotoluene	ug/kg	3330	0	2550	77		55 - 117
2-Chloronaphthalene	ug/kg	3330	0	2390	72		57 - 112
2-Chlorophenol	ug/kg	3330	0	1930	58		44 - 113
2-Methyl-4,6-dinitrophenol	ug/kg	3330	0	2090	63		49 - 115
2-Methylnaphthalene	ug/kg	3330	0	1890	57		53 - 110
2-Nitroaniline	ug/kg	3330	0	2850	86		38 - 107
2-Nitrophenol	ug/kg	3330	0	1910	57	*	58 - 110
3,3'-Dichlorobenzidine	ug/kg	3330	0	3210	96		24 - 127
3-Nitroaniline	ug/kg	3330	0	2110	63		9 - 106
4-Bromophenyl-phenylether	ug/kg	3330	0	2780	83		59 - 118
4-Chloro-3-methylphenol	ug/kg	3330	0	2250	68		48 - 112
4-Chloroaniline	ug/kg	3330	0	1890	57		3 - 101
4-Chlorophenyl-phenylether	ug/kg	3330	0	2600	78		54 - 112
4-Nitroaniline	ug/kg	3370	0	2500	74		24 - 99
4-Nitrophenol	ug/kg	3330	0	2350	71		38 - 125
Acenaphthene	ug/kg	3330	0	2310	69		41 - 120
Acenaphthylene	ug/kg	3330	0	2410	72		57 - 105
Acetophenone	ug/kg	3330	0	2220	67		55 - 117
Aniline	ug/kg	3330	0	1940	58		4 - 126
Anthracene	ug/kg	3330	0	2530	76		60 - 108
Atrazine (Aatrex)	ug/kg	3330	0	3190	96		37 - 148
Benzaldehyde	ug/kg	3330	0	3190	96		25 - 127
Benzidine	ug/kg	3330	0	4350	131	*	8 - 78
Benzo(a)anthracene	ug/kg	3330	0	2620	79		60 - 107
Benzo(a)pyrene	ug/kg	3330	0	3160	95		62 - 110
Benzo(b)fluoranthene	ug/kg	3330	0	2780	83		56 - 110
Benzo(g,h,i)perylene	ug/kg	3330	0	2620	79		46 - 128
Benzo(k)fluoranthene	ug/kg	3330	0	2490	75		55 - 113
Benzoic acid	ug/kg	3330	0	1700	51		10 - 130

RPD : 0 out of 70 outside limits

Spike Recovery: 6 out of 140 outside limits

FORM III SV-2

3D
SOIL SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328412 Analytical Batch.: 328661

Benzyl alcohol	ug/kg	3330	0	2210	66		48 - 116
Biphenyl	ug/kg	3330	0	2270	68		43 - 118
Bis(2-Chloroethoxy)methane	ug/kg	3330	0	2340	70		53 - 109
Bis(2-Chloroethyl)ether	ug/kg	3330	0	2000	60		39 - 114
Butylbenzylphthalate	ug/kg	3330	0	2680	80		63 - 121
Caprolactam	ug/kg	3330	0	2510	75		42 - 130
Carbazole	ug/kg	3330	0	2700	81		50 - 96
Chrysene	ug/kg	3270	0	2650	81		61 - 111
Di-n-butylphthalate	ug/kg	3330	0	3020	91		60 - 115
Di-n-octylphthalate	ug/kg	3330	0	3250	98		55 - 121
Dibenz(a,h)anthracene	ug/kg	3330	0	2800	84		50 - 135
Dibenzofuran	ug/kg	3330	0	2240	67		55 - 110
Diethylphthalate	ug/kg	3330	0	2840	85		52 - 114
Dimethyl-phthalate	ug/kg	3330	0	2850	86		56 - 111
Fluoranthene	ug/kg	3330	0	2590	78		54 - 108
Fluorene	ug/kg	3330	0	2350	71		54 - 106
Hexachlorobenzene	ug/kg	3330	0	2380	71		50 - 121
Hexachlorocyclopentadiene	ug/kg	3330	0	1680	50		48 - 116
Hexachloroethane	ug/kg	3330	0	1070	32	*	43 - 111
Indeno(1,2,3-cd)pyrene	ug/kg	3330	0	3760	113		43 - 132
Isophorone	ug/kg	3330	0	2380	71		55 - 112
N-Nitroso-di-n-propylamine	ug/kg	3330	0	2400	72		45 - 122
N-Nitrosodimethylamine	ug/kg	3330	0	2180	65		31 - 130
N-Nitrosodiphenylamine	ug/kg	3270	0	2750	84		58 - 123
Nitrobenzene	ug/kg	3330	0	2030	61		53 - 112
Pentachlorophenol	ug/kg	3330	0	3060	92		23 - 142
Phenanthrene	ug/kg	3330	0	2390	72		59 - 107
Phenol	ug/kg	3330	0	1900	57		34 - 116
Pyrene	ug/kg	3330	0	2190	66		39 - 135
Pyridine	ug/kg	3330	0	1690	51		11 - 92
bis(2-Chloroisopropyl)ether	ug/kg	3330	0	1740	52		45 - 113
bis(2-ethylhexyl)phthalate	ug/kg	3330	0	2900	87		56 - 127
m,p-Cresol	ug/kg	3330	0	2240	67		50 - 110
o-Cresol	ug/kg	3330	0	2000	60		50 - 108

RPD : 0 out of 70 outside limits

Spike Recovery: 6 out of 140 outside limits

3D
SOIL SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328412 Analytical Batch.: 328661

Spike Dupe HSN : 392367

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
1,2 Diphenylhydrazine	ug/kg	3330	2820	85		1		60 - 120	0 - 50
2,4,5-Trichlorophenol	ug/kg	3330	2350	71		2		58 - 111	0 - 19
2,4,6-Trichlorophenol	ug/kg	3330	2440	73		7		60 - 110	0 - 21
2,4-Dichlorophenol	ug/kg	3330	2210	66		2		53 - 111	0 - 21
2,4-Dimethylphenol	ug/kg	3330	2300	69		4		51 - 108	0 - 22
2,4-Dinitrophenol	ug/kg	3330	1480	44		3		27 - 121	0 - 49
2,4-Dinitrotoluene	ug/kg	3330	2490	75		.4		44 - 121	0 - 23
2,6-Dinitrotoluene	ug/kg	3330	2630	79		3		55 - 117	0 - 19
2-Chloronaphthalene	ug/kg	3330	2520	76		5		57 - 112	0 - 19
2-Chlorophenol	ug/kg	3330	2120	64		9		44 - 113	0 - 26
2-Methyl-4,6-dinitrophenol	ug/kg	3330	2290	69		9		49 - 115	0 - 31
2-Methylnaphthalene	ug/kg	3330	2070	62		9		53 - 110	0 - 18
2-Nitroaniline	ug/kg	3330	2730	82		4		38 - 107	0 - 19
2-Nitrophenol	ug/kg	3330	2120	64		10		58 - 110	0 - 20
3,3'-Dichlorobenzidine	ug/kg	3330	3290	99		2		24 - 127	0 - 35
3-Nitroaniline	ug/kg	3330	2320	70		9		9 - 106	0 - 46
4-Bromophenyl-phenylether	ug/kg	3330	2690	81		3		59 - 118	0 - 22
4-Chloro-3-methylphenol	ug/kg	3330	2140	64		5		48 - 112	0 - 24
4-Chloroaniline	ug/kg	3330	2020	61		7		3 - 101	0 - 51
4-Chlorophenyl-phenylether	ug/kg	3330	2680	80		3		54 - 112	0 - 19
4-Nitroaniline	ug/kg	3370	2640	78		5		24 - 99	0 - 25
4-Nitrophenol	ug/kg	3330	2470	74		5		38 - 125	0 - 29
Acenaphthene	ug/kg	3330	2450	74		6		41 - 120	0 - 19
Acenaphthylene	ug/kg	3330	2540	76		5		57 - 105	0 - 18
Acetophenone	ug/kg	3330	2350	71		6		55 - 117	0 - 50
Aniline	ug/kg	3330	2040	61		5		4 - 126	0 - 29
Anthracene	ug/kg	3330	2560	77		1		60 - 108	0 - 19
Atrazine (Aatrex)	ug/kg	3330	3170	95		.6		37 - 148	0 - 50
Benzaldehyde	ug/kg	3330	4250	128	*	28		25 - 127	0 - 50
Benzidine	ug/kg	3330	4570	137	*	5		8 - 78	0 - 50
Benzo(a)anthracene	ug/kg	3330	2680	80		2		60 - 107	0 - 19
Benzo(a)pyrene	ug/kg	3330	3270	98		3		62 - 110	0 - 16
Benzo(b)fluoranthene	ug/kg	3330	2970	89		7		56 - 110	0 - 24
Benzo(g,h,i)perylene	ug/kg	3330	2270	68		14		46 - 128	0 - 19
Benzo(k)fluoranthene	ug/kg	3330	2400	72		4		55 - 113	0 - 31
Benzoic acid	ug/kg	3330	1950	59		14		10 - 130	0 - 40

RPD : 0 out of 70 outside limits

Spike Recovery: 6 out of 140 outside limits

FORM III SV-2

3D
SOIL SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Analytical Method: SW-846 8270

Prep Batch: 328412 Analytical Batch.: 328661

Benzyl alcohol	ug/kg	3330	2330	70		5		48 - 116	0 - 37
Biphenyl	ug/kg	3330	2340	70		3		43 - 118	0 - 50
Bis(2-Chloroethoxy)methane	ug/kg	3330	2490	75		6		53 - 109	0 - 20
Bis(2-Chloroethyl)ether	ug/kg	3330	2220	67		10		39 - 114	0 - 24
Butylbenzylphthalate	ug/kg	3330	2570	77		4		63 - 121	0 - 21
Caprolactam	ug/kg	3330	2520	76		.4		42 - 130	0 - 50
Carbazole	ug/kg	3330	2770	83		3		50 - 96	0 - 17
Chrysene	ug/kg	3270	2510	77		5		61 - 111	0 - 19
Di-n-butylphthalate	ug/kg	3330	3070	92		2		60 - 115	0 - 19
Di-n-octylphthalate	ug/kg	3330	3220	97		.9		55 - 121	0 - 18
Dibenz(a,h)anthracene	ug/kg	3330	2550	77		9		50 - 135	0 - 23
Dibenzofuran	ug/kg	3330	2260	68		.9		55 - 110	0 - 17
Diethylphthalate	ug/kg	3330	2840	85		0		52 - 114	0 - 20
Dimethyl-phthalate	ug/kg	3330	2780	83		2		56 - 111	0 - 17
Fluoranthene	ug/kg	3330	2690	81		4		54 - 108	0 - 20
Fluorene	ug/kg	3330	2410	72		3		54 - 106	0 - 16
Hexachlorobenzene	ug/kg	3330	2450	74		3		50 - 121	0 - 19
Hexachlorocyclopentadiene	ug/kg	3330	1980	59		16		48 - 116	0 - 27
Hexachloroethane	ug/kg	3330	1310	39	*	20		43 - 111	0 - 21
Indeno(1,2,3-cd)pyrene	ug/kg	3330	3590	108		5		43 - 132	0 - 33
Isophorone	ug/kg	3330	2480	74		4		55 - 112	0 - 26
N-Nitroso-di-n-propylamine	ug/kg	3330	2530	76		5		45 - 122	0 - 38
N-Nitrosodimethylamine	ug/kg	3330	2380	71		9		31 - 130	0 - 20
N-Nitrosodiphenylamine	ug/kg	3270	2920	89		6		58 - 123	0 - 19
Nitrobenzene	ug/kg	3330	2280	68		12		53 - 112	0 - 23
Pentachlorophenol	ug/kg	3330	3620	109		17		23 - 142	0 - 26
Phenanthrene	ug/kg	3330	2420	73		1		59 - 107	0 - 18
Phenol	ug/kg	3330	2000	60		5		34 - 116	0 - 25
Pyrene	ug/kg	3330	2060	62		6		39 - 135	0 - 26
Pyridine	ug/kg	3330	1900	57		12		11 - 92	0 - 29
bis(2-Chloroisopropyl)ether	ug/kg	3330	2000	60		14		45 - 113	0 - 26
bis(2-ethylhexyl)phthalate	ug/kg	3330	2660	80		9		56 - 127	0 - 21
m,p-Cresol	ug/kg	3330	2300	69		3		50 - 110	0 - 23
o-Cresol	ug/kg	3330	2030	61		1		50 - 108	0 - 25

RPD : 0 out of 70 outside limits

Spike Recovery: 6 out of 140 outside limits

FORM III SV-2

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: GCAL

Lab Code: LA024 Case No.:

Lab File ID: 2060722/B2682

GC Column: RTX-5MS-30 ID: .25 (mm)

Instrument ID: MSSV3 Matrix: Soil

Level: LOW

Sample ID: MB392365

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 392365 Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2115

Method: SW-846 8270

Prep Batch: 328412 Analytical Batch: 328661

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	LCS392366	392366	2060722/B2683	07/22/06	2130
2.	LCSD392367	392367	2060722/B2684	07/22/06	2146
3.	SF3SB45-089-(0-0.5)	20607200601	2060722/B2685	07/22/06	2201
4.	SF3SB45-090-(1-2)MS	20607200603	2060722/B2687	07/22/06	2231
5.	SF3SB45-090-(1-2)MSD	20607200604	2060722/B2688	07/22/06	2246
6.	SI5SB74-147-(0-0.5)	20607200605	2060722/B2689	07/22/06	2301
7.	SI5SB74-148-(1-2)	20607200606	2060722/B2690	07/22/06	2316
8.	SH4SB64-127-(0-0.5)	20607200608	2060722/B2692	07/22/06	2346
9.	SG4SB56-111-(0-0.5)	20607200613	2060722/B2696	07/23/06	0045
10.	SE3SB39-077-(0-0.5)	20607200614	2060722/B2697	07/23/06	0100
11.	SE3SB39-078-(1-2)	20607200615	2060722/B2698	07/23/06	0115
12.	SH5SB66-131-(0-0.5)	20607200616	2060722/B2799	07/23/06	0130
13.	SH5SB66-132-(1-2)	20607200617	2060722/B2800	07/23/06	0145
14.	SF3SB45-090-(1-2)	20607200602	2060723/B2805	07/23/06	1448
15.	SH4SB64-128-(1-2)	20607200607	2060723/B2806	07/23/06	1503
16.	SF4SB46-091-(0-0.5)	20607200609	2060723/B2807	07/23/06	1519
17.	SF4SB46-092-(1-2)	20607200611	2060723/B2808	07/23/06	1534
18.	SG4SB56-112-(1-2)	20607200612	2060723/B2809	07/23/06	1551

FORM IV SV

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: GCAL

Lab Code: LA024 Case No.:

Lab File ID: 2060724/B2852

GC Column: RTX-5MS-30 ID: .25 (mm)

Instrument ID: MSSV3 Matrix: Water

Level: LOW

Sample ID: MB392709

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 392709 Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1216

Method: SW-846 8270

Prep Batch: 328467 Analytical Batch: 328664

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1.	LCS392710	392710	2060724/B2853	07/24/06	1247
2.	LCSD392711	392711	2060724/B2854	07/24/06	1302
3.	FB-503	20607200622	2060724/B2875	07/24/06	1824

FORM IV SV

5B

SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Lab File ID: 2060720/B2538 DFTPP Injection Date: 07/20/06 Time: 0720

GC Column: RTX-5MS-30 ID: .25 (mm) Analytical Batch: 328494

Instrument ID: MSSV3

m / e	*ION ABUNDANCE CRITERIA*	*% Relative Abundance*
51	30.0-60.0% of mass 198	37.2 ( ) ( )
68	Less thab 2% of mass 69	0 (0) (1)
69	Mass 69 relative abundance	67.08 ( ) ( )
70	Less than 2.0% of mass 69	.44 (.66) (1)
127	40.0-60.0% of mass 198	50.87 ( ) ( )
197	Less than 1.0% of mass 198	0 ( ) ( )
198	Base Peak, 100% relative abundance	100 ( ) ( )
199	5.0-9.0% of mass 198	7.38 ( ) ( )
275	10.0-30.0% of mass 198	27.86 ( ) ( )
365	Greater than 1.0% of mass 198	3.72 ( ) ( )
441	Present, but less than mass 443	13.57 ( ) ( )
442	40.0-100.0% of mass 198	95.04 ( ) ( )
443	17.0-23.0% of mass 442	18.1 (19.05) (2)

(1)-Value is % mass 69 (2)-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	*LAB SAMPLE ID*	*LAB FILE ID*	*DATE ANALYZED*	*TIME ANALYZED*
1.	STD050	1205	2060720/B2539	07/20/06	0735
2.	STD010	1204	2060720/B2540	07/20/06	0750
3.	STD080	1206	2060720/B2541	07/20/06	0805
4.	STD120	1207	2060720/B2542	07/20/06	0820
5.	STD160	1208	2060720/B2543	07/20/06	0835
6.	STD200	1209	2060720/B2544	07/20/06	0850
7.	STD002	1203	2060720/B2545	07/20/06	0905
8.	STD001	1202	2060720/B2546	07/20/06	0920
9.	STD0.2	1201	2060720/B2547	07/20/06	0935

FORM V SV

5B

SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Lab File ID: 2060722/B2653 DFTPP Injection Date: 07/22/06 Time: 1346

GC Column: RTX-5MS-30 ID: .25 (mm) Analytical Batch: 328661

Instrument ID: MSSV3

m / e	*ION ABUNDANCE CRITERIA*	*% Relative Abundance*
51	30.0-60.0% of mass 198	35.31 ( ) ( )
68	Less thab 2% of mass 69	0 (0) (1)
69	Mass 69 relative abundance	65.09 ( ) ( )
70	Less than 2.0% of mass 69	.41 (.64) (1)
127	40.0-60.0% of mass 198	48.38 ( ) ( )
197	Less than 1.0% of mass 198	0 ( ) ( )
198	Base Peak, 100% relative abundance	100 ( ) ( )
199	5.0-9.0% of mass 198	7.18 ( ) ( )
275	10.0-30.0% of mass 198	24.99 ( ) ( )
365	Greater than 1.0% of mass 198	3.68 ( ) ( )
441	Present, but less than mass 443	13.26 ( ) ( )
442	40.0-100.0% of mass 198	89.17 ( ) ( )
443	17.0-23.0% of mass 442	16.96 (19.03) (2)

(1)-Value is % mass 69 (2)-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	*LAB SAMPLE ID*	*LAB FILE ID*	*DATE ANALYZED*	*TIME ANALYZED*
1.	STD050	1400	2060722/B2654	07/22/06	1402
2.	MB392365	392365	2060722/B2682	07/22/06	2115
3.	LCS392366	392366	2060722/B2683	07/22/06	2130
4.	LCSD392367	392367	2060722/B2684	07/22/06	2146
5.	SF3SB45-089-(0-0.5)	20607200601	2060722/B2685	07/22/06	2201
6.	SF3SB45-090-(1-2)MS	20607200603	2060722/B2687	07/22/06	2231
7.	SF3SB45-090-(1-2)MSD	20607200604	2060722/B2688	07/22/06	2246
8.	SI5SB74-147-(0-0.5)	20607200605	2060722/B2689	07/22/06	2301
9.	SI5SB74-148-(1-2)	20607200606	2060722/B2690	07/22/06	2316
10.	SH4SB64-127-(0-0.5)	20607200608	2060722/B2692	07/22/06	2346
11.	SG4SB56-111-(0-0.5)	20607200613	2060722/B2696	07/23/06	0045

FORM V SV

5B

SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Lab File ID: 2060722/B2653 DFTPP Injection Date: 07/22/06 Time: 1346

GC Column: RTX-5MS-30 ID: .25 (mm) Analytical Batch: 328661

Instrument ID: MSSV3

12.	SE3SB39-077-(0-0.5)	20607200614	2060722/B2697	07/23/06	0100
13.	SE3SB39-078-(1-2)	20607200615	2060722/B2698	07/23/06	0115
14.	SH5SB66-131-(0-0.5)	20607200616	2060722/B2799	07/23/06	0130
15.	SH5SB66-132-(1-2)	20607200617	2060722/B2800	07/23/06	0145

FORM V SV

5B

SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Lab File ID: 2060723/B2801 DFTPP Injection Date: 07/23/06 Time: 1343

GC Column: RTX-5MS-30 ID: .25 (mm) Analytical Batch: 328662

Instrument ID: MSSV3

m / e	*ION ABUNDANCE CRITERIA*	*% Relative Abundance*
51	30.0-60.0% of mass 198	33.46 ( ) ( )
68	Less thab 2% of mass 69	0 (0) (1)
69	Mass 69 relative abundance	66.74 ( ) ( )
70	Less than 2.0% of mass 69	0 (0) (1)
127	40.0-60.0% of mass 198	49.32 ( ) ( )
197	Less than 1.0% of mass 198	0 ( ) ( )
198	Base Peak, 100% relative abundance	100 ( ) ( )
199	5.0-9.0% of mass 198	6.51 ( ) ( )
275	10.0-30.0% of mass 198	25.54 ( ) ( )
365	Greater than 1.0% of mass 198	4.16 ( ) ( )
441	Present, but less than mass 443	14.33 ( ) ( )
442	40.0-100.0% of mass 198	91.03 ( ) ( )
443	17.0-23.0% of mass 442	16.94 (18.62) (2)

(1)-Value is % mass 69 (2)-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	*LAB SAMPLE ID*	*LAB FILE ID*	*DATE ANALYZED*	*TIME ANALYZED*
1.	STD050	1400	2060723/B2804	07/23/06	1430
2.	SF3SB45-090-(1-2)	20607200602	2060723/B2805	07/23/06	1448
3.	SH4SB64-128-(1-2)	20607200607	2060723/B2806	07/23/06	1503
4.	SF4SB46-091-(0-0.5)	20607200609	2060723/B2807	07/23/06	1519
5.	SF4SB46-092-(1-2)	20607200611	2060723/B2808	07/23/06	1534
6.	SG4SB56-112-(1-2)	20607200612	2060723/B2809	07/23/06	1551

FORM V SV

5B

SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Lab File ID: 2060724/B2847 DFTPP Injection Date: 07/24/06 Time: 0907

GC Column: RTX-5MS-30 ID: .25 (mm) Analytical Batch: 328664

Instrument ID: MSSV3

m / e	*ION ABUNDANCE CRITERIA*	*% Relative Abundance*
51	30.0-60.0% of mass 198	35.63 ( ) ( )
68	Less thab 2% of mass 69	0 (0) (1)
69	Mass 69 relative abundance	68.22 ( ) ( )
70	Less than 2.0% of mass 69	.44 (.65) (1)
127	40.0-60.0% of mass 198	52.06 ( ) ( )
197	Less than 1.0% of mass 198	0 ( ) ( )
198	Base Peak, 100% relative abundance	100 ( ) ( )
199	5.0-9.0% of mass 198	7.07 ( ) ( )
275	10.0-30.0% of mass 198	25.87 ( ) ( )
365	Greater than 1.0% of mass 198	3.44 ( ) ( )
441	Present, but less than mass 443	13.02 ( ) ( )
442	40.0-100.0% of mass 198	82.64 ( ) ( )
443	17.0-23.0% of mass 442	17.28 (20.92) (2)

(1)-Value is % mass 69 (2)-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	SAMPLE NO.	*LAB SAMPLE ID*	*LAB FILE ID*	*DATE ANALYZED*	*TIME ANALYZED*
1.	STD050	1400	2060724/B2850	07/24/06	0953
2.	MB392709	392709	2060724/B2852	07/24/06	1216
3.	LCS392710	392710	2060724/B2853	07/24/06	1247
4.	LCSD392711	392711	2060724/B2854	07/24/06	1302
5.	FB-503	20607200622	2060724/B2875	07/24/06	1824

FORM V SV

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID (Standard): 2060722/B2654

Date Analyzed: 07/22/06 Time: 1402

Instrument ID: MSSV3

GC Column: RTX-5MS-30 ID: .25 (mm)

Analytical Batch: 328661

Method: SW-846 8270

	IS 1		IS 2		IS 3	
	Area	RT	Area	RT	Area	RT
STANDARD	959309	2.22	514278	3.29	798519	4.18

	EPA Sample No.	#	#	#	#	#	#
1 .	MB392365	734738	2.22	366543	3.29	499212	4.18
2 .	SG4SB56-111-(0-0.5)	667396	2.22	313449	3.29	454519	4.18
3 .	SE3SB39-077-(0-0.5)	622445	2.22	301556	3.29	428223	4.18
4 .	SE3SB39-078-(1-2)	592669	2.22	287425	3.29	408140	4.18
5 .	SH5SB66-131-(0-0.5)	578670	2.22	294791	3.29	441964	4.18
6 .	SH5SB66-132-(1-2)	779364	2.22	379448	3.29	479948	4.18
7 .	LCS392366	741243	2.22	361470	3.29	524165	4.18
8 .	LCSD392367	693194	2.22	332244	3.29	489821	4.18
9 .	SF3SB45-089-(0-0.5)	824339	2.22	358718	3.29	429945	4.18
10 .	SF3SB45-090-(1-2)MS	538294	2.22	318048	3.29	500411	4.18
11 .	SF3SB45-090-(1-2)MSD	553073	2.22	322940	3.29	548483	4.18
12 .	SI5SB74-147-(0-0.5)	774731	2.22	370848	3.29	472783	4.18
13 .	SI5SB74-148-(1-2)	891703	2.22	457952	3.29	636369	4.18
14 .	SH4SB64-127-(0-0.5)	748734	2.22	348066	3.29	471574	4.18

IS 1 ID : Naphthalene-d8
IS 2 ID : Acenaphthene-d10
IS 3 ID : Phenanthrene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard values with an asterisk.
* Values outside of QC limits.

FORM VIIII SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): 2060722/B2654 Date Analyzed: 07/22/06 Time: 1402

Instrument ID: MSSV3 GC Column: RTX-5MS-30 ID: .25 (mm)

Method: SW-846 8270

	IS 4		IS 5		IS 6	
	Area	RT	Area	RT	Area	RT
STANDARD	683384	6.92	748062	5.87	251928	1.39

		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
1.	MB392365	773457		6.92		572421		5.86		210691		1.39	
2.	SG4SB56-111-(0-0.5)	800939		6.94		912842		5.87		207956		1.38	
3.	SE3SB39-077-(0-0.5)	782904		7.02		510570		5.86		192483		1.39	
4.	SE3SB39-078-(1-2)	652223		6.93		853558		5.87		183129		1.39	
5.	SH5SB66-131-(0-0.5)	727294		6.92		899056		5.87		181769		1.39	
6.	SH5SB66-132-(1-2)	758265		6.93		986929		5.87		229700		1.39	
7.	LCS392366	861590		6.93		598762		5.87		214568		1.39	
8.	LCSD392367	955158		6.93		621562		5.87		205409		1.39	
9.	SF3SB45-089-(0-0.5)	990744		6.94		658554		5.87		258261		1.39	
10.	SF3SB45-090-(1-2)MS	1195569		6.96		854143		5.88		147986		1.38	
11.	SF3SB45-090-(1-2)MSD	1114794		6.94		887991		5.87		148763		1.38	
12.	SI5SB74-147-(0-0.5)	772362		6.93		663177		5.86		229452		1.39	
13.	SI5SB74-148-(1-2)	890716		6.92		740547		5.86		250955		1.39	
14.	SH4SB64-127-(0-0.5)	831736		6.93		758624		5.87		231269		1.39	

IS 4 ID : Perylene-d12
IS 5 ID : Chrysene-d12
IS 6 ID : 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard values with an asterisk.
* Values outside of QC limits.

FORM II SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID (Standard): 2060723/B2804

Date Analyzed: 07/23/06 Time: 1430

Instrument ID: MSSV3

GC Column: RTX-5MS-30 ID: .25 (mm)

Analytical Batch: 328662

Method: SW-846 8270

	IS 1		IS 2		IS 3	
	Area	RT	Area	RT	Area	RT
STANDARD	796128	2.22	459540	3.29	744421	4.18

EPA Sample No.		#		#		#		#		#		#
1. SF3SB45-090-(1-2)	671571		2.22		392617		3.29		623070		4.18	
2. SH4SB64-128-(1-2)	757677		2.22		431643		3.29		649357		4.18	
3. SF4SB46-091-(0-0.5)	906326		2.22		461881		3.29		637496		4.18	
4. SF4SB46-092-(1-2)	844585		2.22		468276		3.29		704110		4.18	
5. SG4SB56-112-(1-2)	680231		2.22		404573		3.29		681614		4.18	

IS 1 ID : Naphthalene-d8
IS 2 ID : Acenaphthene-d10
IS 3 ID : Phenanthrene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard values with an asterisk.
* Values outside of QC limits.

FORM VIIII SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:

Contract:

Lab Code: Case No.:

SAS No.: SDG No.:

Lab File ID (Standard): 2060723/B2804

Date Analyzed: 07/23/06 Time: 1430

Instrument ID: MSSV3

GC Column: RTX-5MS-30 ID: .25 (mm)

Method: SW-846 8270

	IS 4		IS 5		IS 6	
	Area	RT	Area	RT	Area	RT
STANDARD	644371	6.92	703381	5.87	217801	1.38

		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
1 .	SF3SB45-090-(1-2)	953488		6.94		649703		5.87		182960		1.38	
2 .	SH4SB64-128-(1-2)	677563		6.92		655228		5.86		216187		1.38	
3 .	SF4SB46-091-(0-0.5)	713386		6.92		698303		5.86		252574		1.38	
4 .	SF4SB46-092-(1-2)	724261		6.93		656732		5.86		227256		1.38	
5 .	SG4SB56-112-(1-2)	1029911		6.93		727913		5.86		186553		1.38	

IS 4 ID : Perylene-d12
IS 5 ID : Chrysene-d12
IS 6 ID : 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard values with an asterisk.
* Values outside of QC limits.

FORM II SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab File ID (Standard): 2060724/B2850

Date Analyzed: 07/24/06 Time: 0953

Instrument ID: MSSV3

GC Column: RTX-5MS-30 ID: .25 (mm)

Analytical Batch: 328664

Method: SW-846 8270

	IS 1		IS 2		IS 3	
	Area	RT	Area	RT	Area	RT
STANDARD	690121	2.21	393150	3.28	670801	4.18

EPA Sample No.		#		#		#		#		#		#
1 . MB392709	803533		2.21		447998		3.28		724161		4.17	
2 . LCS392710	581198		2.21		328313		3.28		559642		4.18	
3 . LCSD392711	619608		2.21		345630		3.28		589011		4.18	
4 . FB-503	584424		2.21		371640		3.28		642774		4.17	

IS 1 ID : Naphthalene-d8
IS 2 ID : Acenaphthene-d10
IS 3 ID : Phenanthrene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard values with an asterisk.
* Values outside of QC limits.

FORM VIIII SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:

Contract:

Lab Code: Case No.:

SAS No.: SDG No.:

Lab File ID (Standard): 2060724/B2850

Date Analyzed: 07/24/06 Time: 0953

Instrument ID: MSSV3

GC Column: RTX-5MS-30 ID: .25 (mm)

Method: SW-846 8270

	IS 4			IS 5			IS 6		
	Area		RT	Area		RT	Area		RT
STANDARD	701799		6.92	712906		5.86	187001		1.37
		#			#			#	
1. MB392709	670612		6.91	719367		5.85	218939		1.37
2. LCS392710	628101		6.91	591941		5.86	160807		1.37
3. LCSD392711	623120		6.92	607817		5.86	154474		1.37
4. FB-503	756151		6.91	689465		5.85	156730		1.37

IS 4 ID : Perylene-d12
IS 5 ID : Chrysene-d12
IS 6 ID : 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard values with an asterisk.
* Values outside of QC limits.

FORM II SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 13.5 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/kg*

Sample ID: SF3SB45-089-(0-0.5)

Contract:

Lab File ID: 2060722/B2685

Lab Sample ID: 20607200601

Date Collected: 07/18/06 Time: 1630

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2201

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	382	U	8.28	382
95-95-4	2,4,5-Trichlorophenol	382	U	7.76	382
88-06-2	2,4,6-Trichlorophenol	382	U	17.1	382
120-83-2	2,4-Dichlorophenol	382	U	9.96	382
51-28-5	2,4-Dinitrophenol	1930	U	65.4	1930
121-14-2	2,4-Dinitrotoluene	382	U	17.2	382
606-20-2	2,6-Dinitrotoluene	382	U	9.25	382
91-58-7	2-Chloronaphthalene	382	U	10.3	382
95-57-8	2-Chlorophenol	382	U	6.10	382
91-57-6	2-Methylnaphthalene	61.5	J	10.8	76.3
88-74-4	2-Nitroaniline	1930	U	25.0	1930
88-75-5	2-Nitrophenol	382	U	15.2	382
91-94-1	3,3'-Dichlorobenzidine	763	U	47.9	763
99-09-2	3-Nitroaniline	1930	U	10.5	1930
534-52-1	2-Methyl-4,6-dinitrophenol	1930	U	20.0	1930
59-50-7	4-Chloro-3-methylphenol	382	U	15.3	382
106-47-8	4-Chloroaniline	382	U	33.6	382
7005-72-3	4-Chlorophenyl-phenylether	382	U	10.2	382
83-32-9	Acenaphthene	170		9.95	76.3
208-96-8	Acenaphthylene	87.5		11.3	76.3
98-86-2	Acetophenone	382	U	8.20	382
62-53-3	Aniline	382	U	7.40	382
120-12-7	Anthracene	326		10.9	76.3
1912-24-9	Atrazine (Aatrex)	763	U	19.6	763
100-52-7	Benzaldehyde	763	U	29.2	763
92-87-5	Benzidine	1530	U	51.5	1530
56-55-3	Benzo(a)anthracene	1360		10.2	76.3
50-32-8	Benzo(a)pyrene	1910		10.1	76.3
205-99-2	Benzo(b)fluoranthene	2420		7.07	382

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 13.5 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-089-(0-0.5)

Contract:

Lab File ID: 2060722/B2685

Lab Sample ID: 20607200601

Date Collected: 07/18/06 Time: 1630

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2201

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	894		10.1	382
207-08-9	Benzo(k)fluoranthene	1000		15.6	382
65-85-0	Benzoic acid	1930	U	178	1930
100-51-6	Benzyl alcohol	382	U	11.3	382
92-52-4	Biphenyl	27.5	J	11.2	382
111-91-1	Bis(2-Chloroethoxy)methane	382	U	13.1	382
111-44-4	Bis(2-Chloroethyl)ether	382	U	11.9	382
108-60-1	bis(2-Chloroisopropyl)ether	382	U	14.8	382
117-81-7	bis(2-ethylhexyl)phthalate	113	B	10.3	76.3
101-55-3	4-Bromophenyl-phenylether	382	U	9.31	382
85-68-7	Butylbenzylphthalate	382	U	12.5	382
105-60-2	Caprolactam	382	U	79.0	382
86-74-8	Carbazole	191	J	9.86	382
218-01-9	Chrysene	1670		8.93	382
84-74-2	Di-n-butylphthalate	382	U	28.6	382
117-84-0	Di-n-octylphthalate	382	U	8.31	382
53-70-3	Dibenz(a,h)anthracene	358		9.65	76.3
132-64-9	Dibenzofuran	104	J	14.2	382
84-66-2	Diethylphthalate	27.9	J	17.0	382
131-11-3	Dimethyl-phthalate	382	U	12.6	382
105-67-9	2,4-Dimethylphenol	382	U	25.9	382
206-44-0	Fluoranthene	2910		11.2	382
86-73-7	Fluorene	157		9.82	76.3
118-74-1	Hexachlorobenzene	382	U	12.3	382
77-47-4	Hexachlorocyclopentadiene	382	U	8.28	382
67-72-1	Hexachloroethane	382	U	16.0	382
193-39-5	Indeno(1,2,3-cd)pyrene	1260		16.2	382
78-59-1	Isophorone	382	U	9.72	382
100-01-6	4-Nitroaniline	1930	U	27.6	1930

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 13.5 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-089-(0-0.5)

Contract:

Lab File ID: 2060722/B2685

Lab Sample ID: 20607200601

Date Collected: 07/18/06 Time: 1630

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2201

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	382	U	14.3	382
100-02-7	4-Nitrophenol	1930	U	50.2	1930
87-86-5	Pentachlorophenol	1930	U	99.4	1930
85-01-8	Phenanthrene	1570		12.4	76.3
108-95-2	Phenol	382	U	12.4	382
129-00-0	Pyrene	1630		12.0	382
110-86-1	Pyridine	382	U	22.9	382
1319-77-3M	m,p-Cresol	382	U	14.2	382
621-64-7	N-Nitroso-di-n-propylamine	76.3	U	10.3	76.3
62-75-9	N-Nitrosodimethylamine	382	U	49.8	382
86-30-6	N-Nitrosodiphenylamine	382	U	11.4	382
95-48-7	o-Cresol	382	U	15.5	382

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2685.d
Lab Smp Id: 20607200601 Client Smp ID: 20607200601
Inj Date : 22-JUL-2006 22:01
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200601*4482*
Misc Info : 20607200601*MSSV~3839~*072006*30.0-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.653	0.648	(0.471)	340796	89.0617	2970
$ 4 Phenol-d5	99	1.179	1.181	(0.849)	1484153	77.1206	2570
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	258261	40.0000	
$ 19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	822925	40.6677	1360
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	824339	40.0000	
29 Naphthalene	128	2.232	2.237	(1.005)	31181	1.30966	43.7
33 2-Methylnaphthalene	142	2.663	2.666	(1.199)	24582	1.59682	53.2
145 1-Methylnapthalene	142	2.720	2.722	(1.225)	22638	1.78923	59.6
$ 37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	550361	44.7636	1490
42 Acenaphthylene	152	3.205	3.205	(0.974)	39968	2.27241	75.7
* 44 Acenaphthene-d10	164	3.290	3.293	(1.000)	358718	40.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
45 Acenaphthene +	153	3.307	3.313	(1.005)	49155	4.41497	147
47 Dibenzofuran	168	3.415	3.418	(1.038)	43851	2.69218	89.7
50 Diethylphthalate	149	3.591	3.594	(1.091)	7974	0.72386	24.1(H)
51 Fluorene	166	3.622	3.622	(1.101)	52882	4.07855	136
54 4,6-Dinitro-o-cresol	198	3.773	3.679	(0.902)	449	0.21298	7.10
$ 57 2,4,6-Tribromophenol	332	3.773	3.775	(1.147)	104609	58.1726	1940
* 61 Phenanthrene-d10	188	4.181	4.184	(1.000)	429945	40.0000	
62 Phenanthrene	178	4.198	4.198	(1.004)	558333	40.7931	1360
63 Anthracene	178	4.227	4.230	(1.011)	114179	8.44506	282
64 Carbazole	167	4.340	4.343	(1.038)	52743	4.95015	165
67 Fluoranthene +	202	4.916	4.914	(1.176)	989674	75.5397	2520
69 Pyrene	202	5.050	5.047	(0.860)	934348	42.2763	1410
$ 70 Terphenyl-d14	244	5.172	5.172	(0.881)	427665	27.9944	933
72 Benzo(a)anthracene	228	5.864	5.859	(0.999)	757275	35.3235	1180
* 74 Chrysene-d12	240	5.870	5.867	(1.000)	658554	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.964	5.961	(1.016)	25953	2.92064	97.4
75 Chrysene	228	5.890	5.887	(1.003)	972654	43.2521	1440
78 Benzo(b)fluoranthene	252	6.665	6.648	(0.961)	1769235	62.6469	2090(M)
79 Benzo(k)fluoranthene	252	6.673	6.670	(0.962)	990665	26.0403	868(M)
80 Benzo(a)pyrene +	252	6.898	6.880	(0.994)	1290829	49.4823	1650
* 81 Perylene-d12	264	6.937	6.920	(1.000)	990744	40.0000	
82 Indeno(1,2,3-cd)pyrene	276	7.670	7.650	(1.307)	800726	32.6345	1090
83 Dibenzo(a,h)anthracene	278	7.681	7.672	(1.107)	190412	9.29026	310
84 Benzo(g,h,i)perylene	276	7.834	7.817	(1.129)	709915	23.2035	773
157 Biphenyl	154	2.952	2.955	(1.330)	11613	0.71283	23.8

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Sample Info: 20607200601*4482*

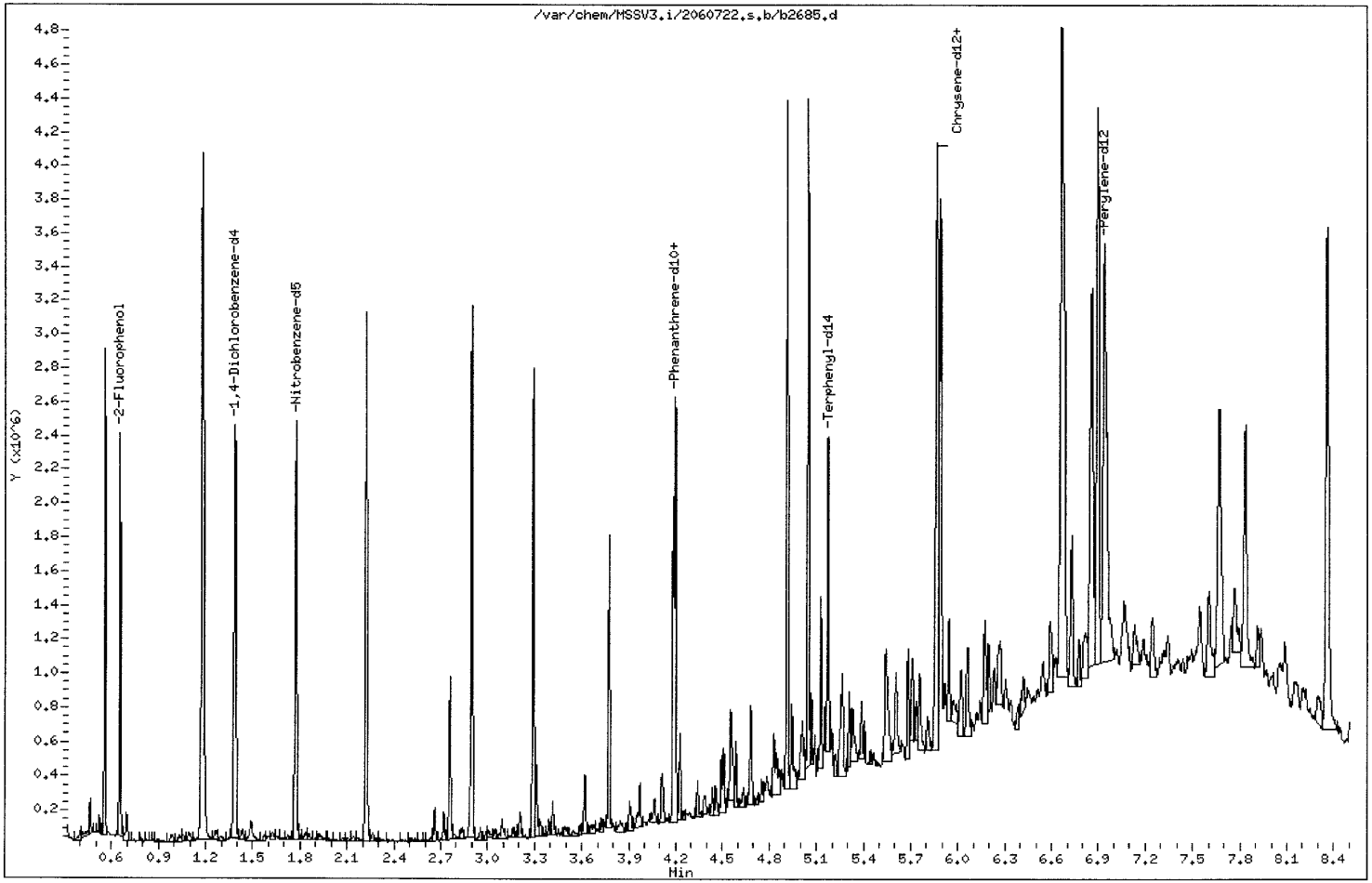
Volume Injected (uL): 1.0

Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr

Column diameter: 0.25



000780

188752

Data File: /var/chem/MSSV3.i/20060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

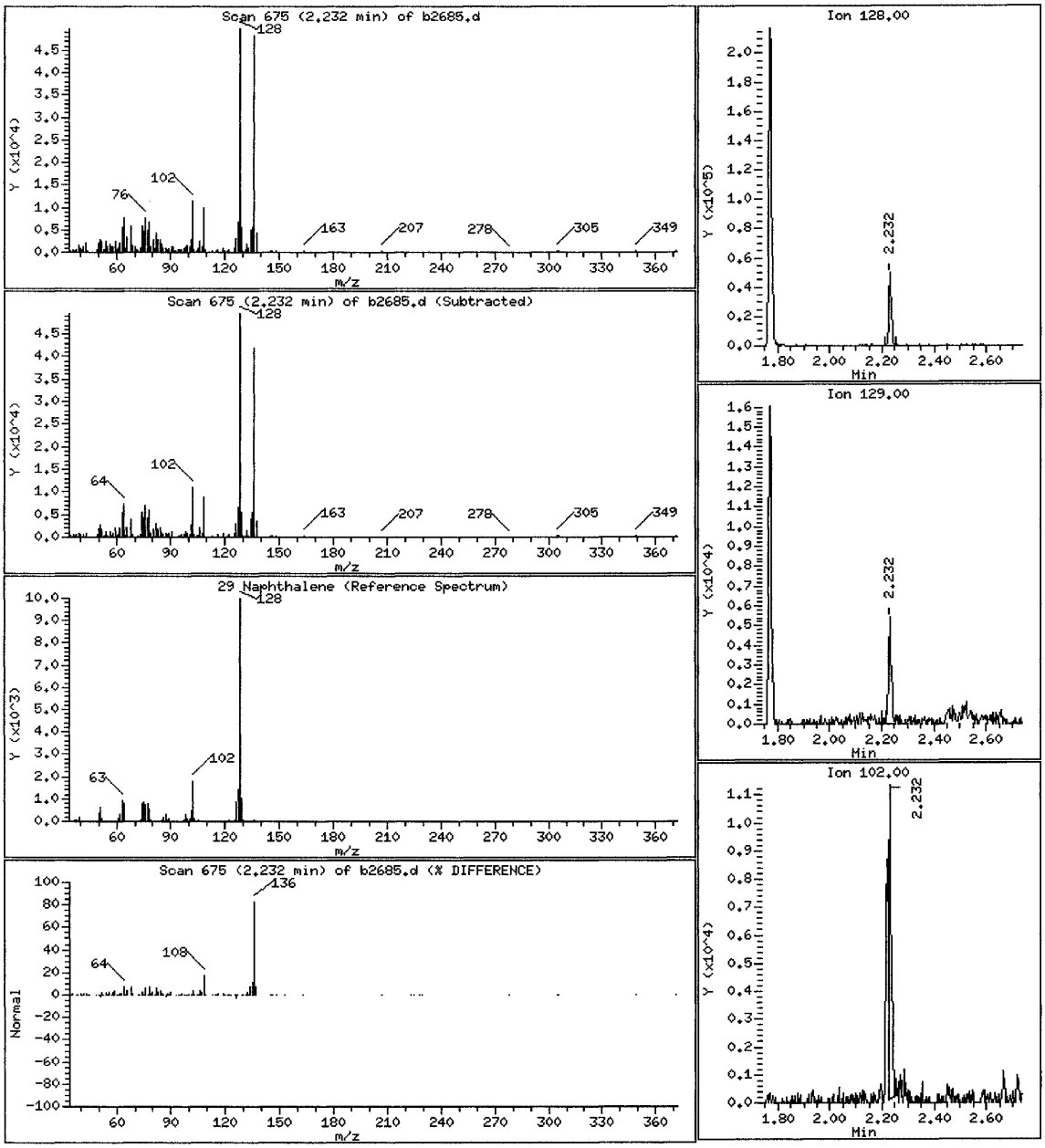
Client ID: 20607200601 Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0 Operator: rrr

Column phase: RTX-5MS-30M Column diameter: 0.25

29 Naphthalene Concentration: 43.7 ug/Kg



Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

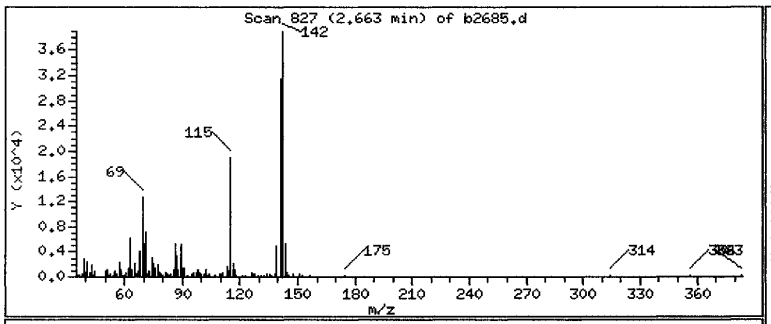
Operator: rrr

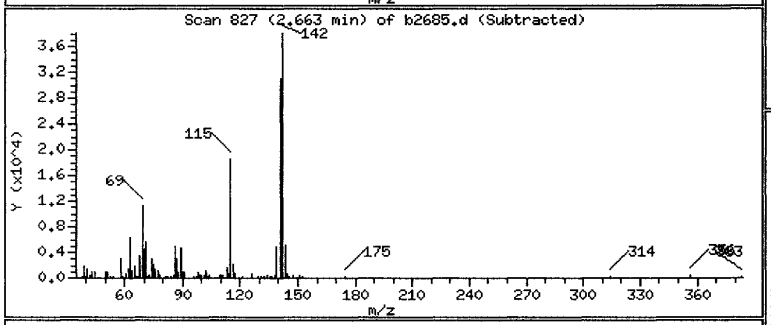
Column phase: RTX-5MS-30M

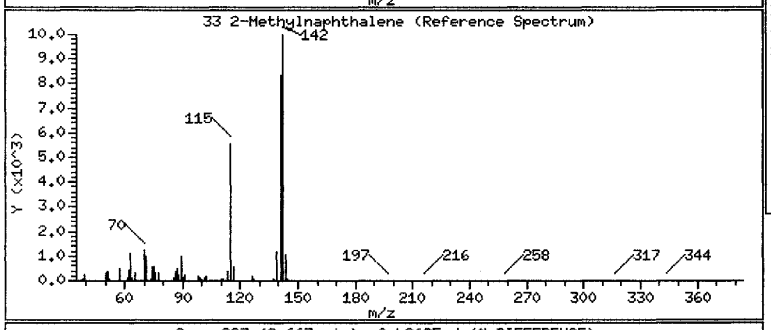
Column diameter: 0.25

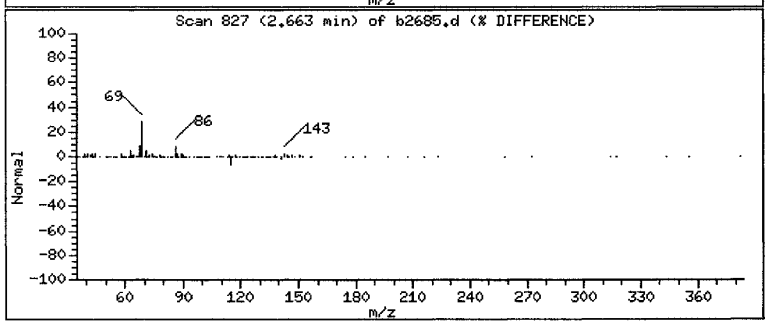
33 2-Methylnaphthalene

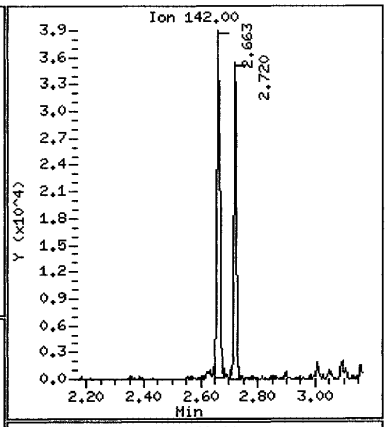
Concentration: 53.2 ug/Kg

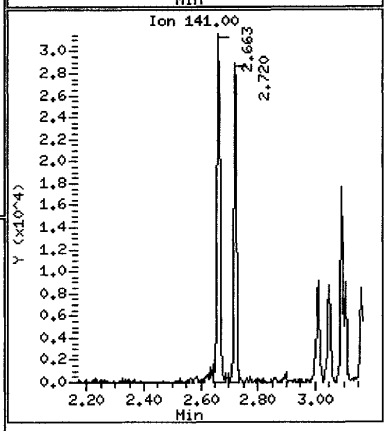












Data File: /var/chem/MSSV3.i/20060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

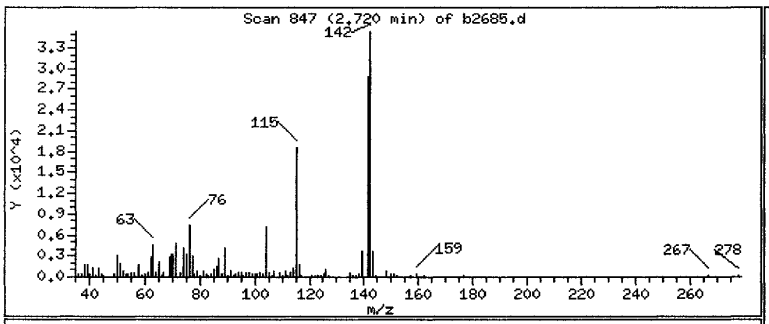
Operator: rrr

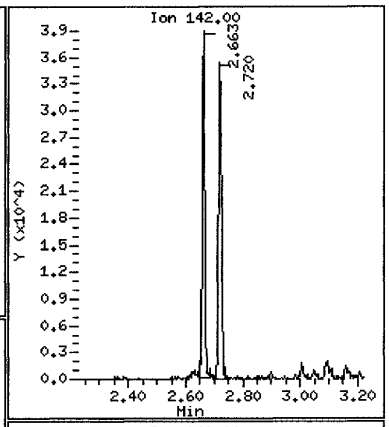
Column phase: RTX-5MS-30M

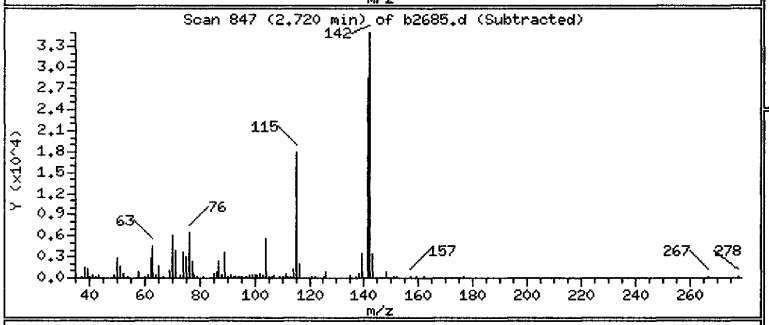
Column diameter: 0.25

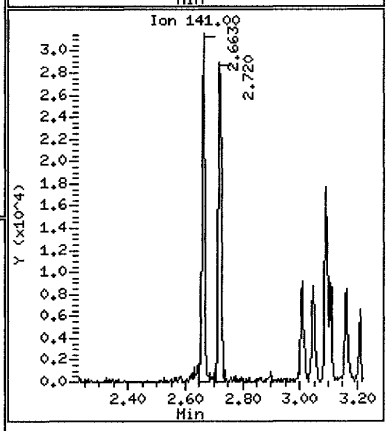
145 1-Methylnapthalene

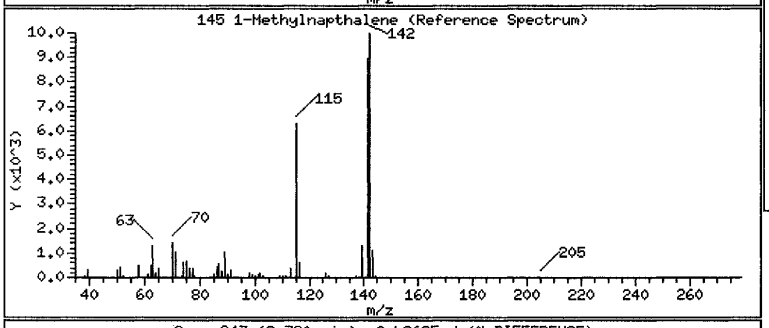
Concentration: 59.6 ug/Kg

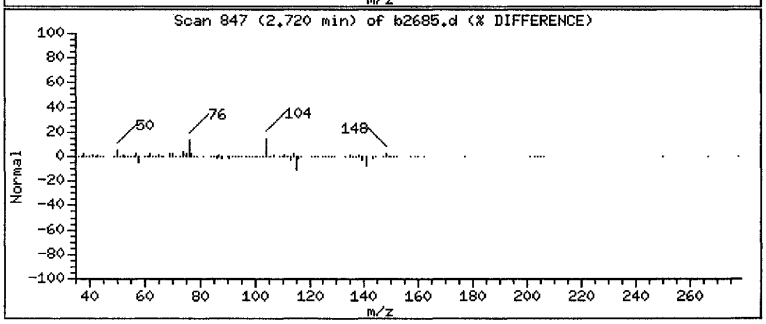












Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

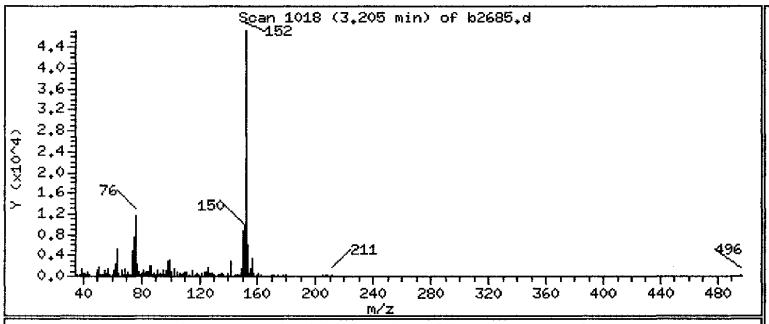
Operator: rrr

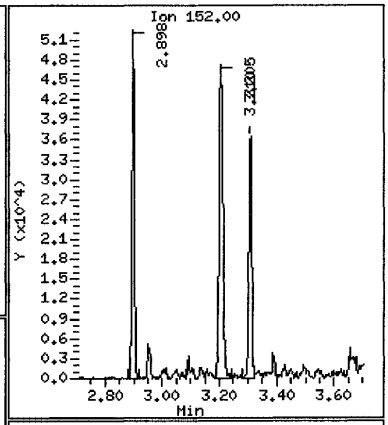
Column phase: RTX-5MS-30M

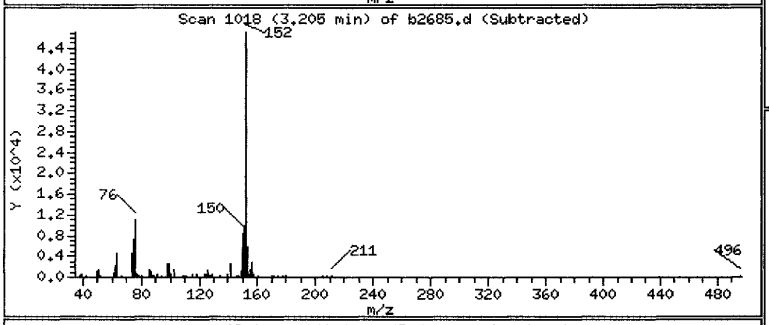
Column diameter: 0.25

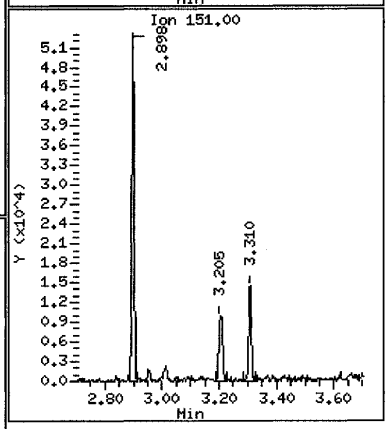
42 Acenaphthylene

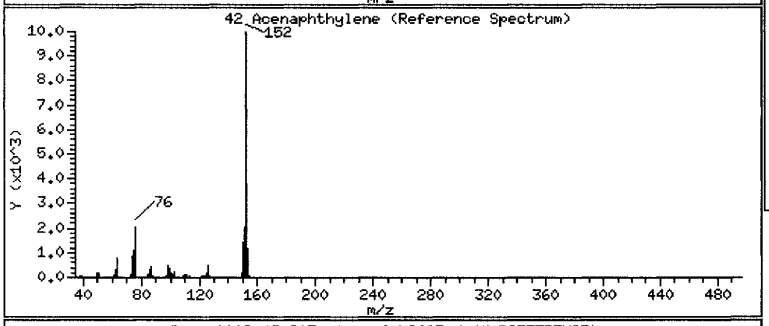
Concentration: 75.7 ug/Kg

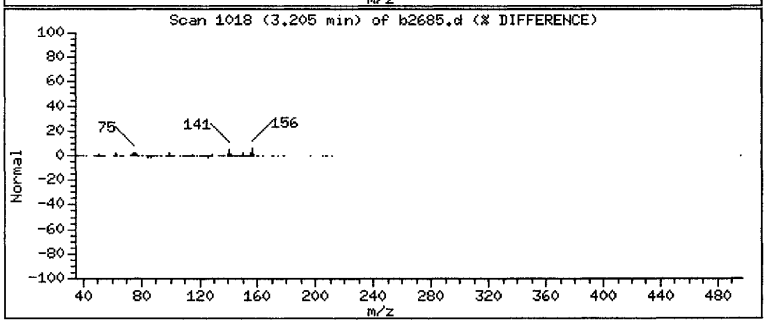












Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

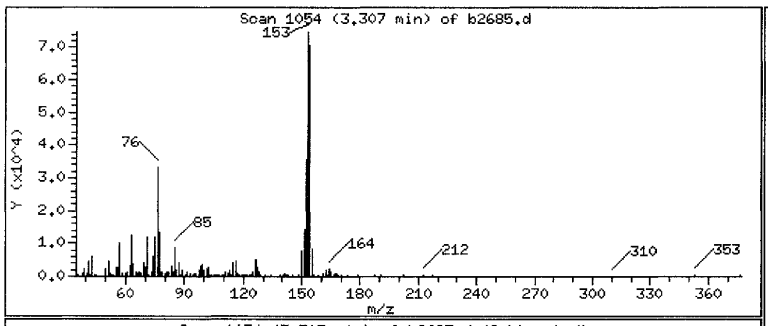
Operator: rrr

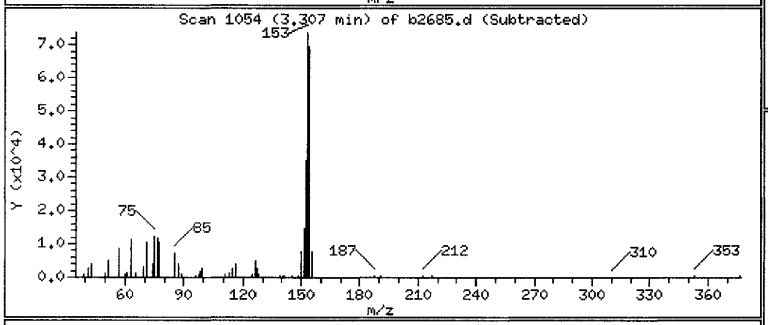
Column phase: RTX-5MS-30M

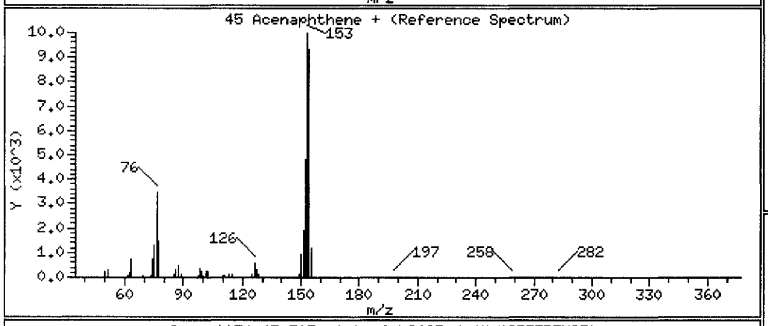
Column diameter: 0.25

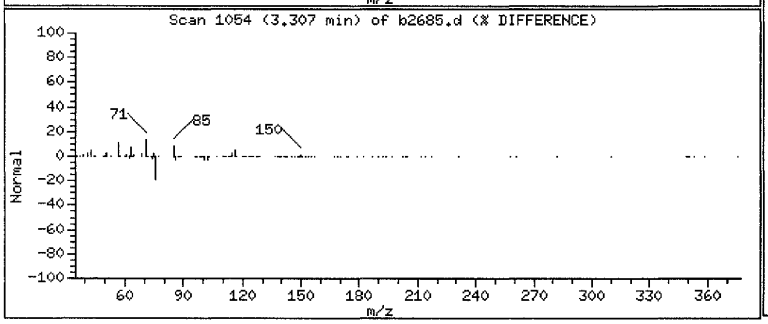
45 Acenaphthene +

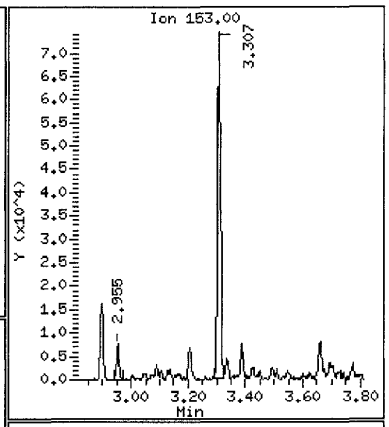
Concentration: 147 ug/Kg

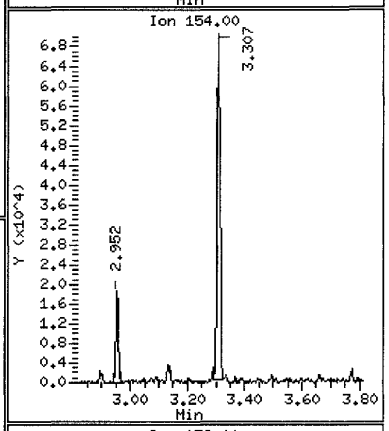


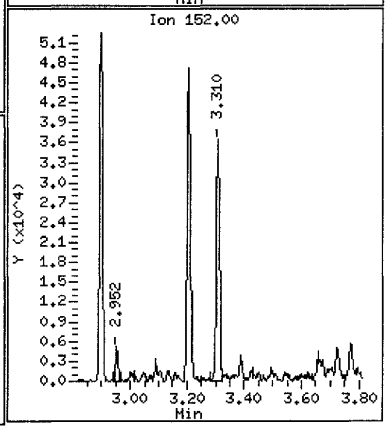












Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

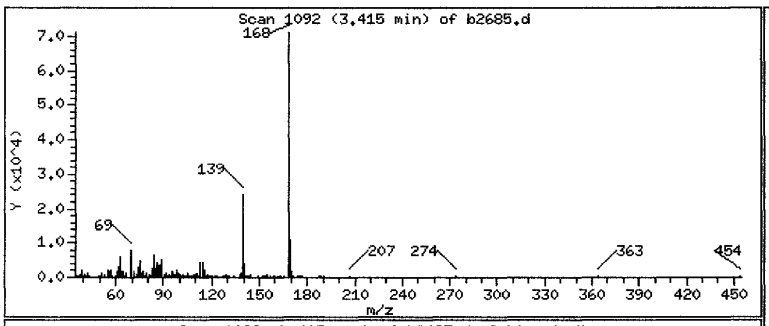
Operator: rrr

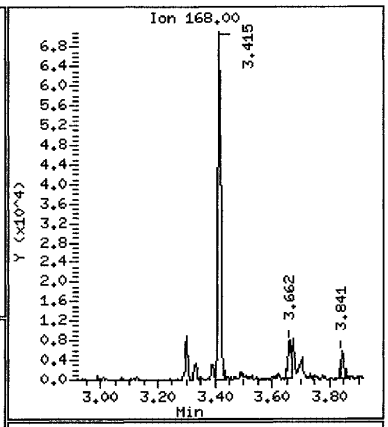
Column phase: RTX-5MS-30M

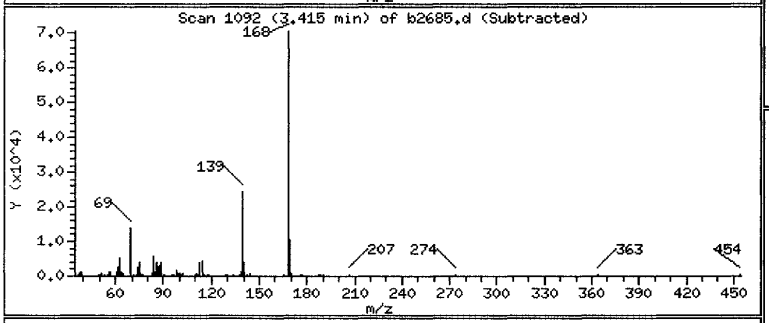
Column diameter: 0.25

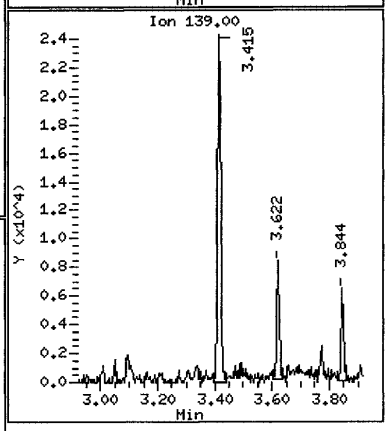
47 Dibenzofuran

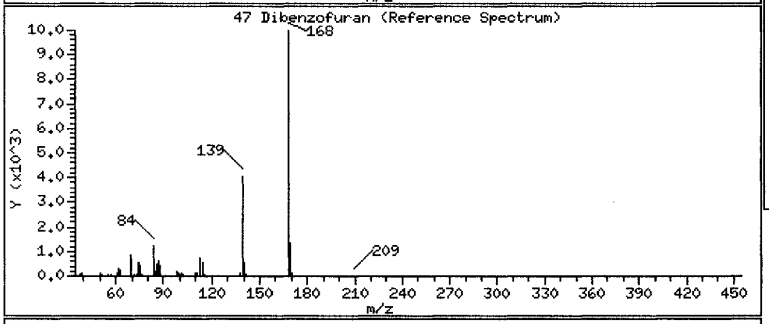
Concentration: 89.7 ug/Kg

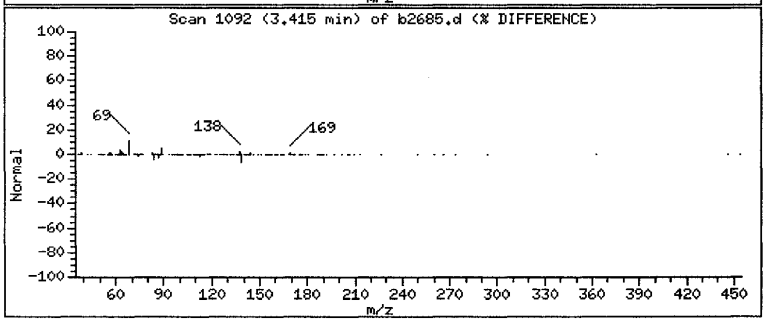












Data File: /var/chem/MSSV3.i/20060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

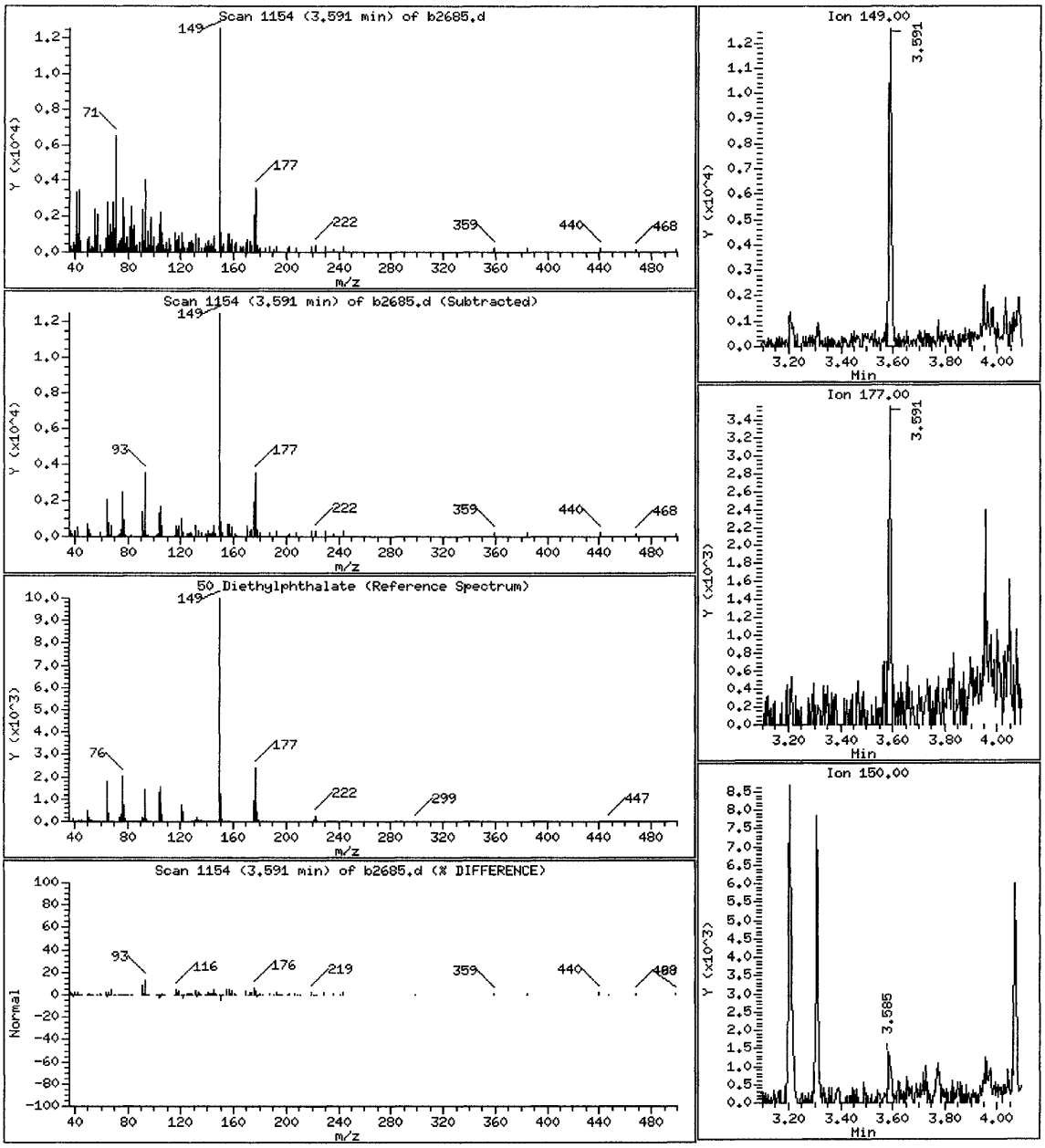
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

50 Diethylphthalate

Concentration: 24.1 ug/Kg



188759

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

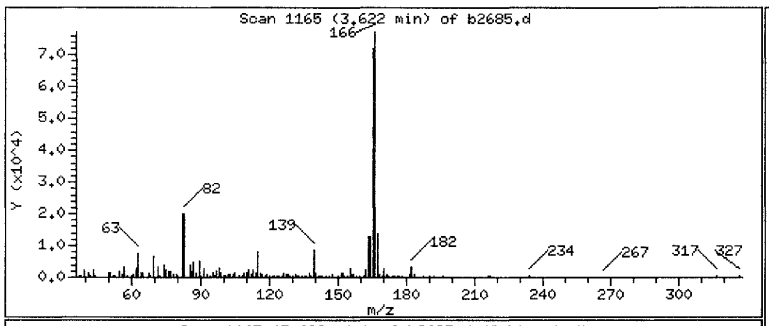
Operator: rrr

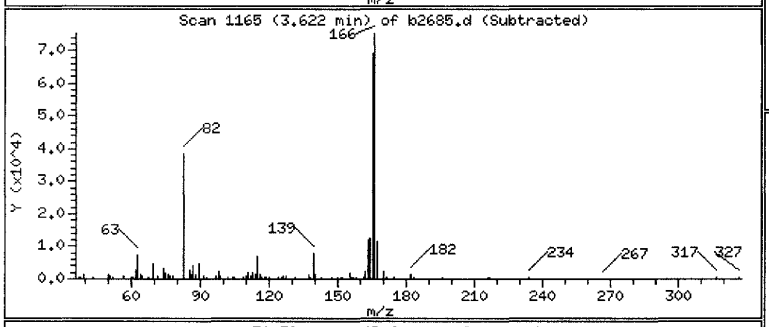
Column phase: RTX-5MS-30M

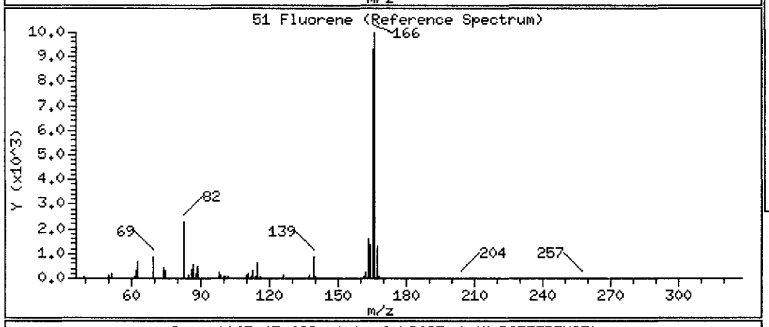
Column diameter: 0.25

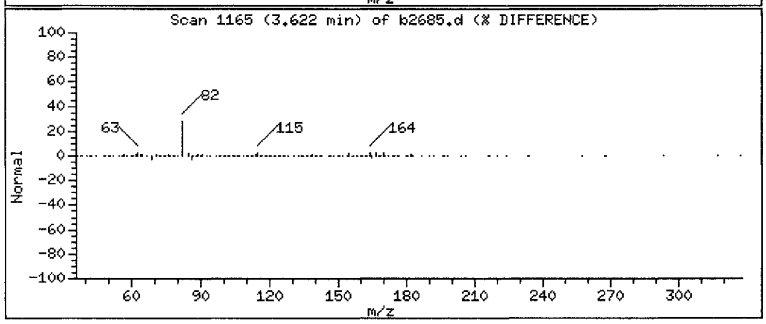
51 Fluorene

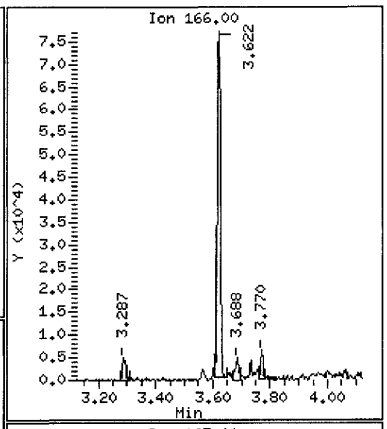
Concentration: 136 ug/Kg

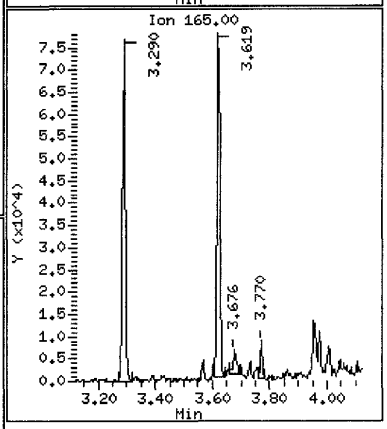












188760

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

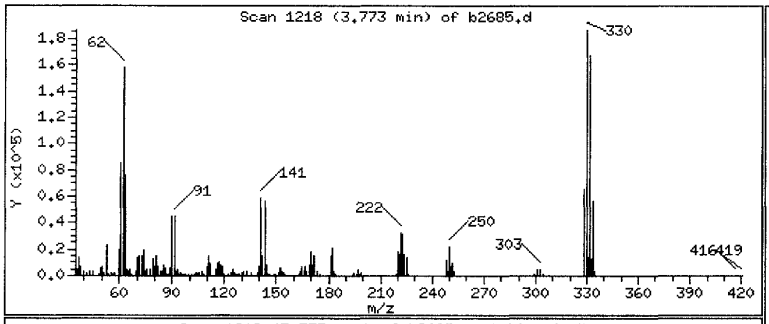
Operator: rrr

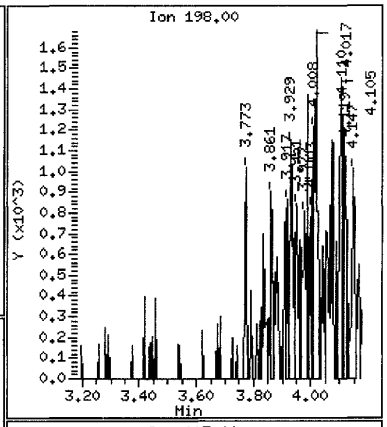
Column phase: RTX-5MS-30M

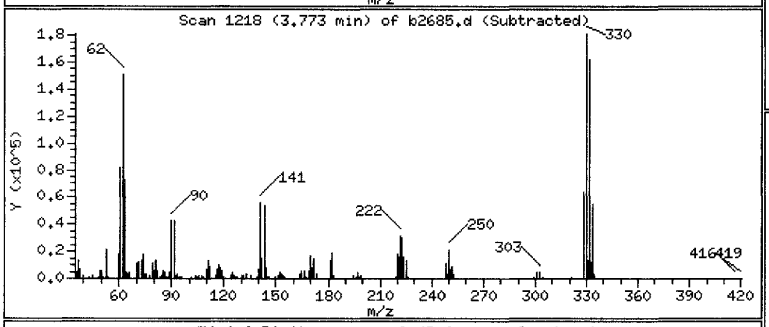
Column diameter: 0.25

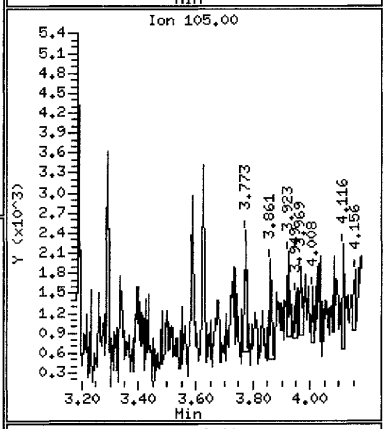
54 4,6-Dinitro-o-cresol

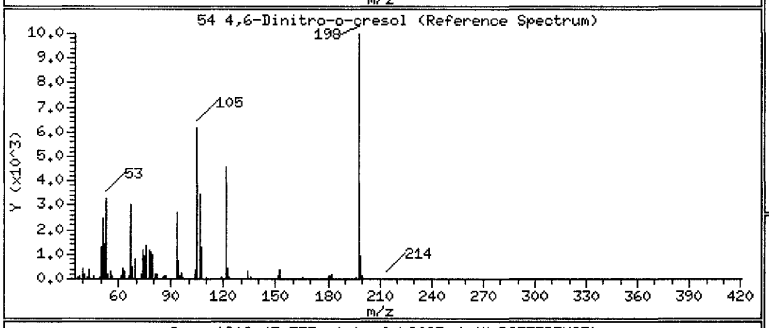
Concentration: 7.10 ug/Kg

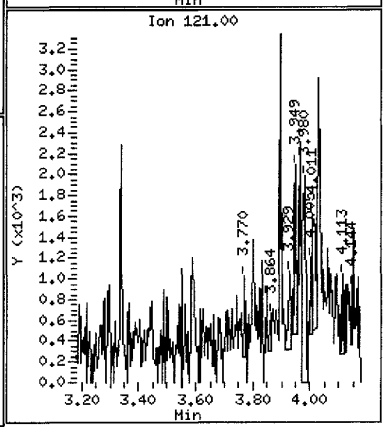


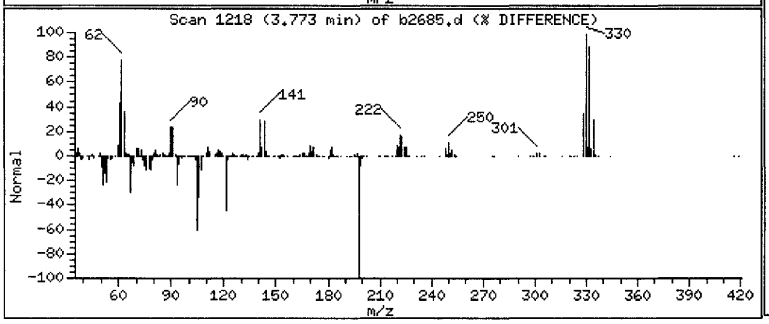












188761

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

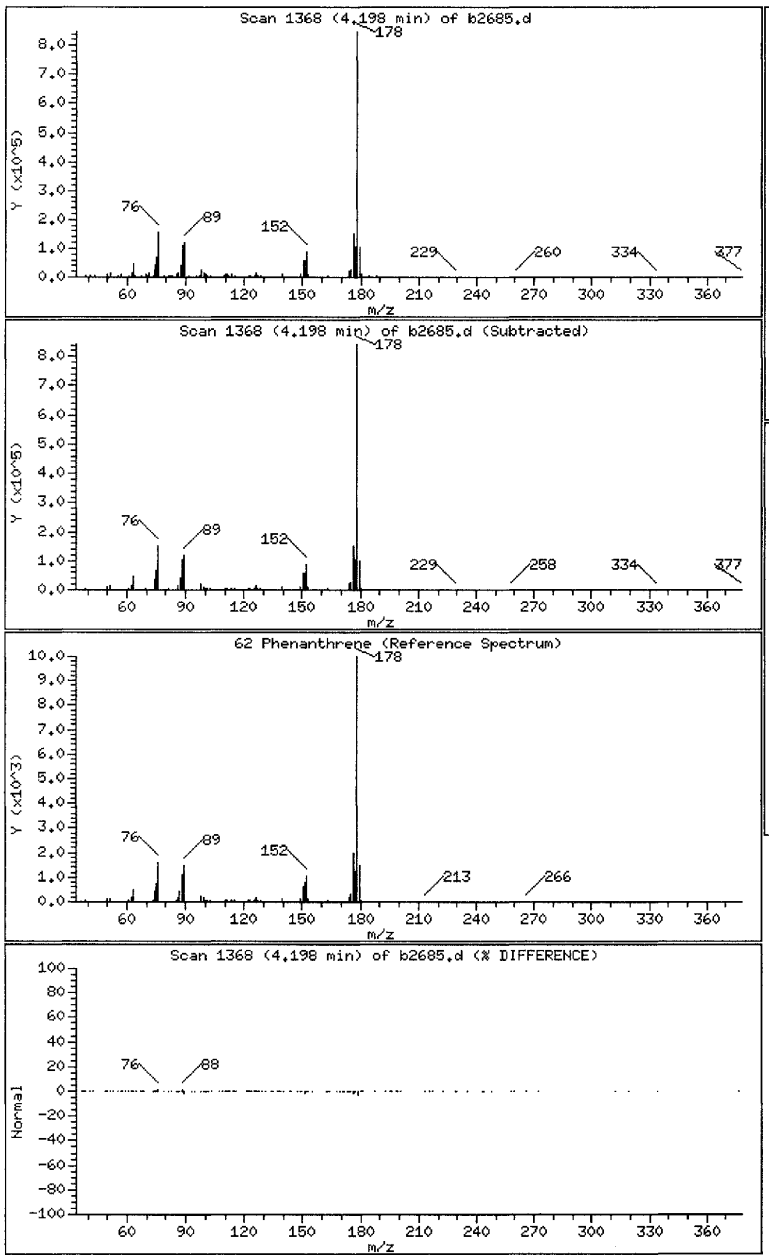
Operator: rrr

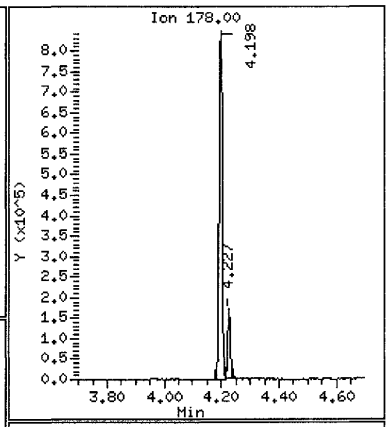
Column phase: RTX-5MS-30M

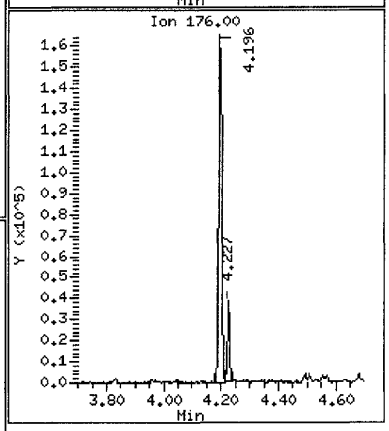
Column diameter: 0.25

62 Phenanthrene

Concentration: 1360 ug/Kg







Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

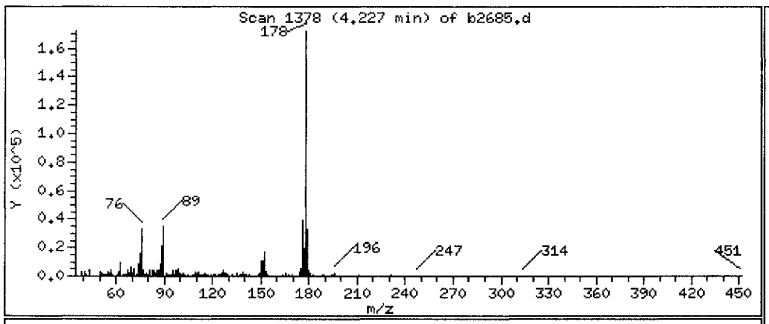
Operator: rrr

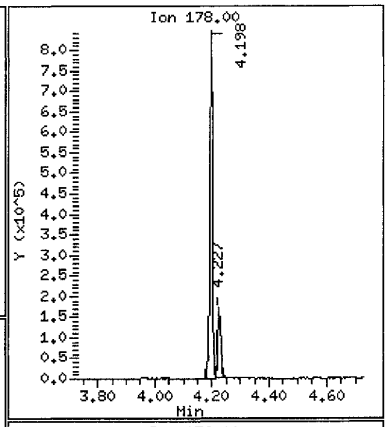
Column phase: RTX-5MS-30M

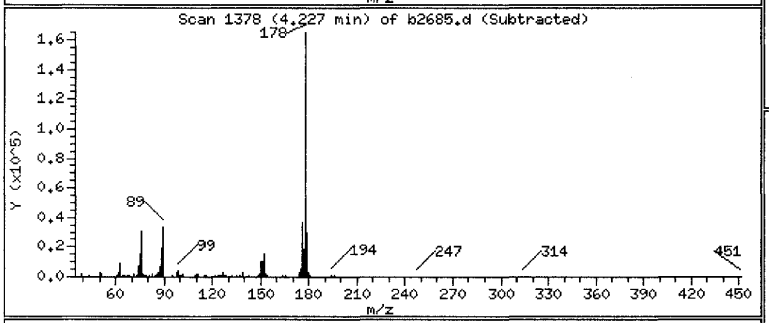
Column diameter: 0.25

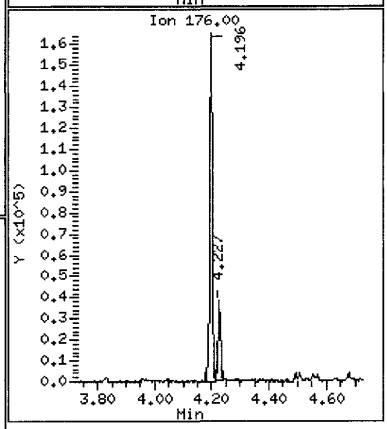
63 Anthracene

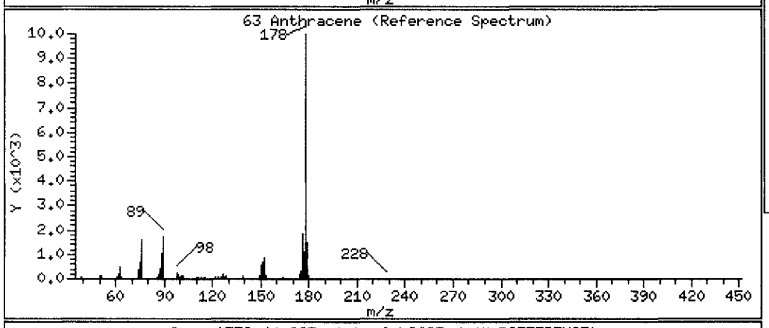
Concentration: 282 ug/Kg

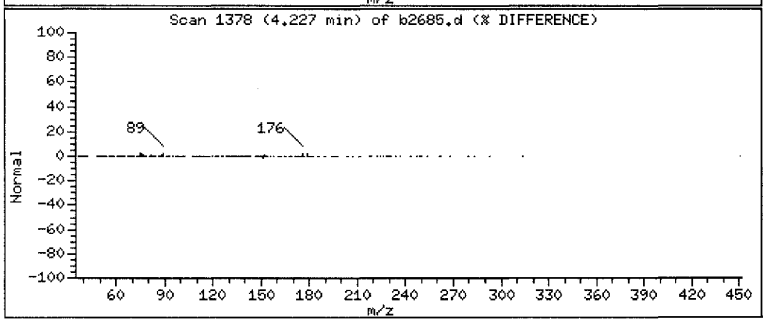












188763

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

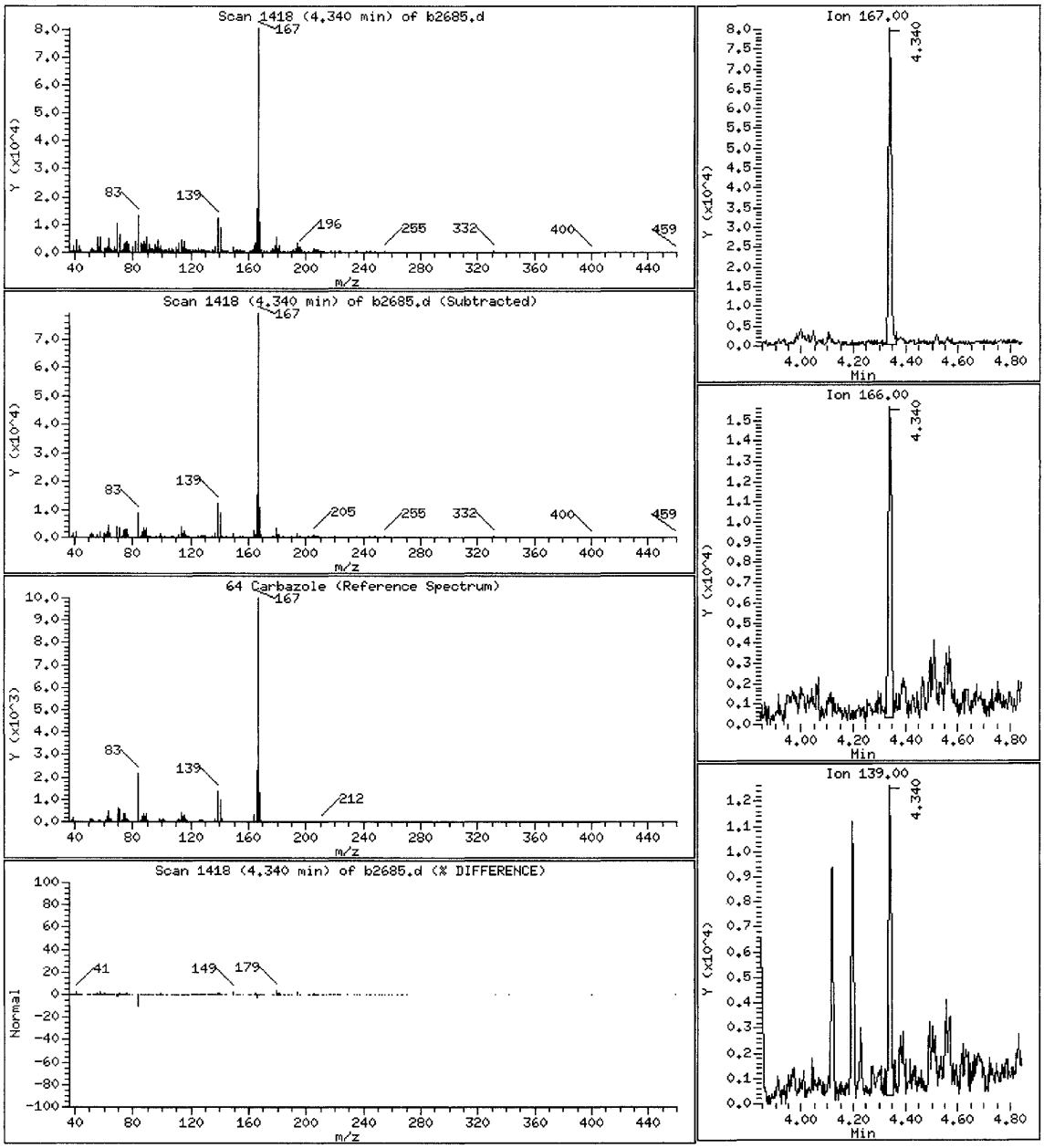
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

64 Carbazole

Concentration: 165 ug/Kg



188764

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

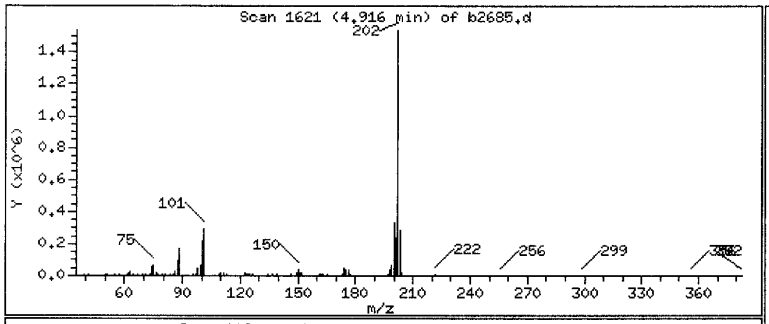
Operator: rrr

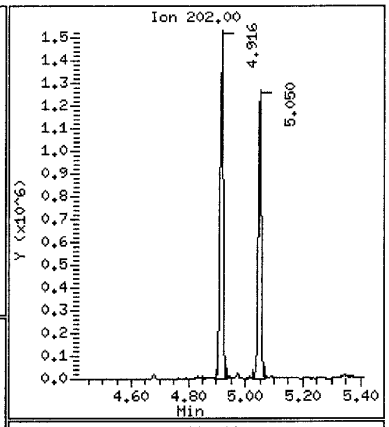
Column phase: RTX-5MS-30M

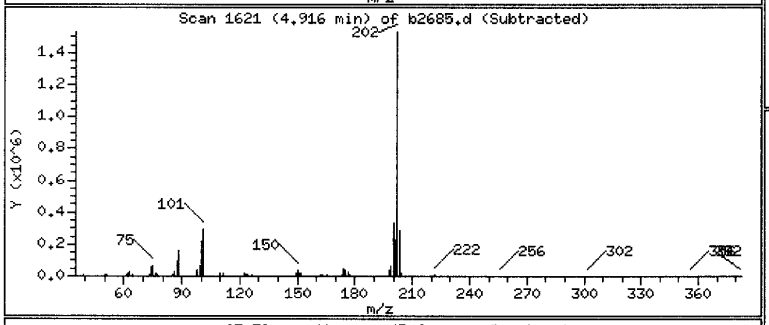
Column diameter: 0.25

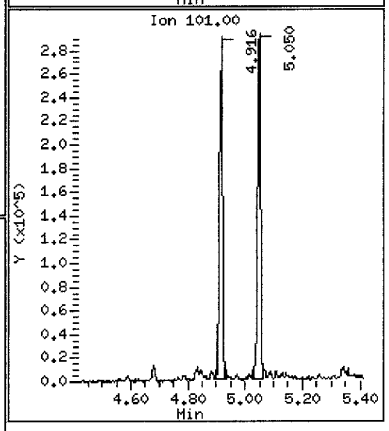
67 Fluoranthene +

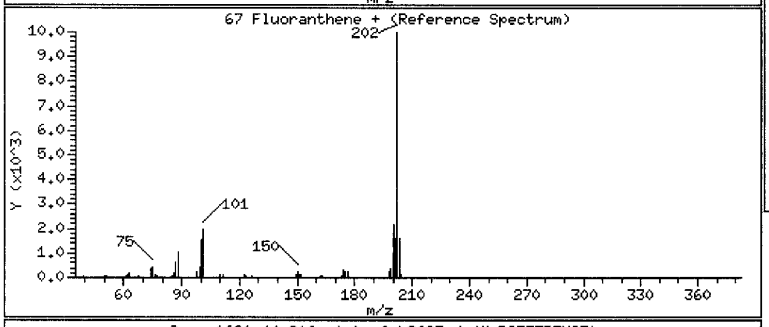
Concentration: 2520 ug/Kg

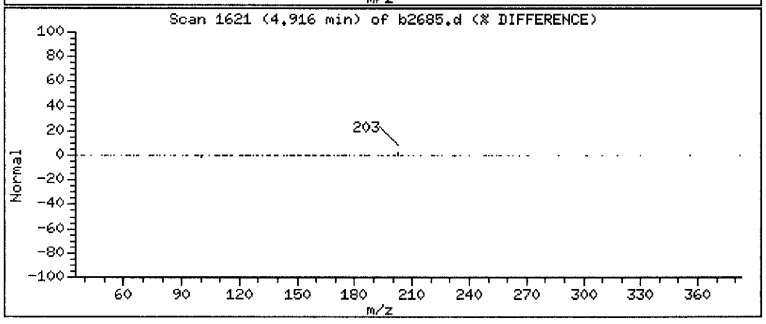












Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

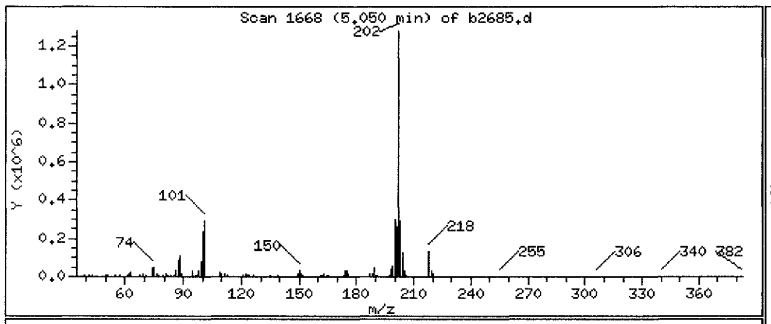
Operator: rrr

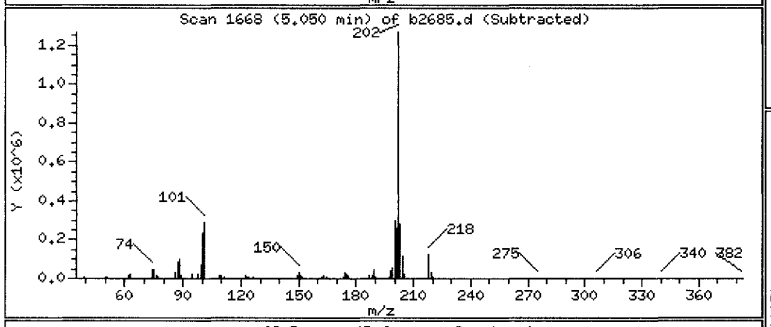
Column phase: RTX-5MS-30M

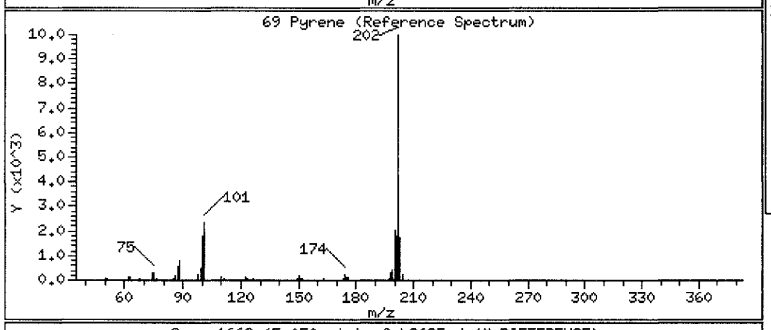
Column diameter: 0.25

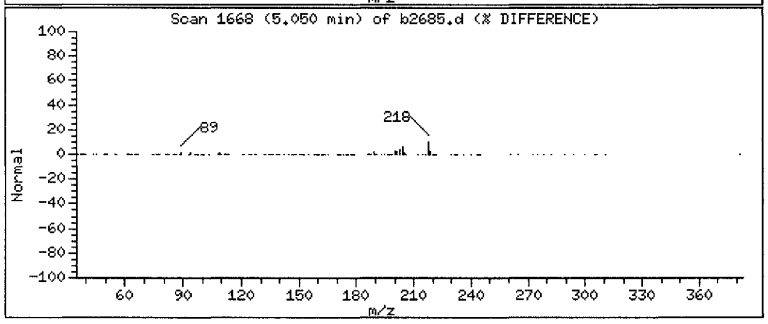
69 Pyrene

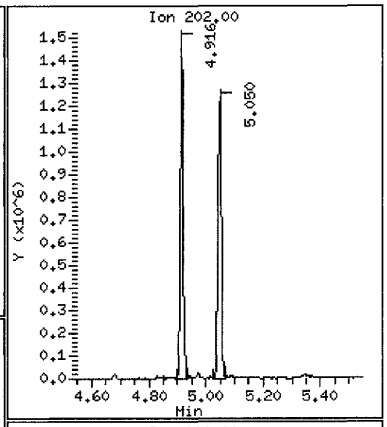
Concentration: 1410 ug/Kg

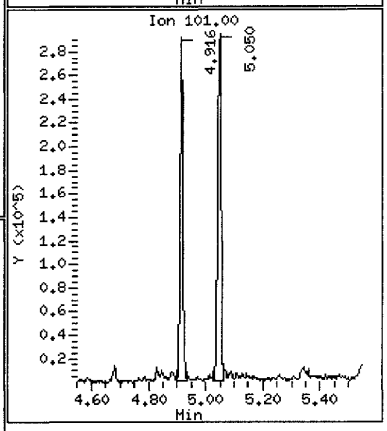












Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

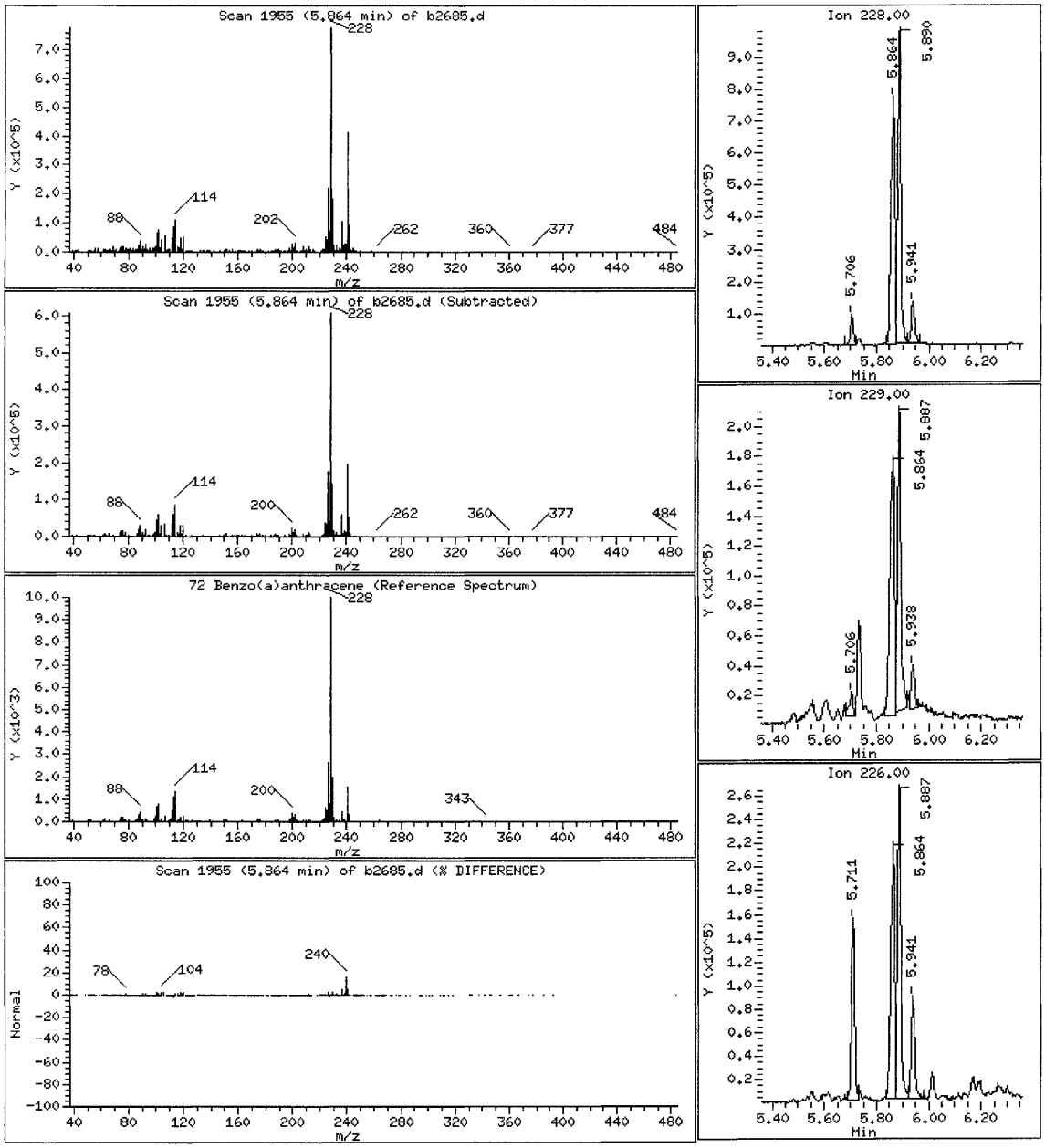
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

72 Benzo(a)anthracene

Concentration: 1180 ug/Kg



188767

Data File: /var/chem/MSSV3.i/20060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

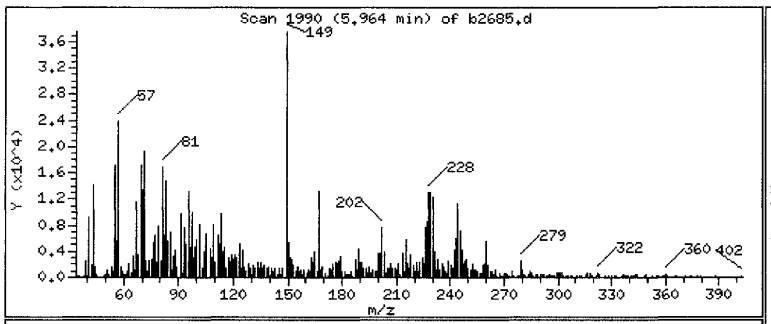
Operator: rrr

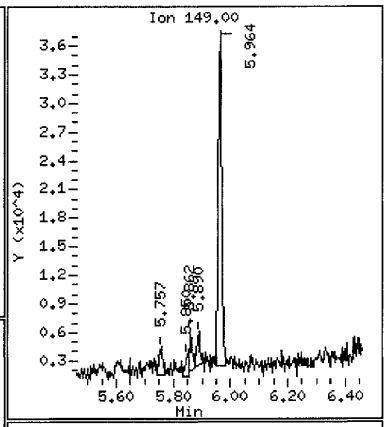
Column phase: RTX-5MS-30M

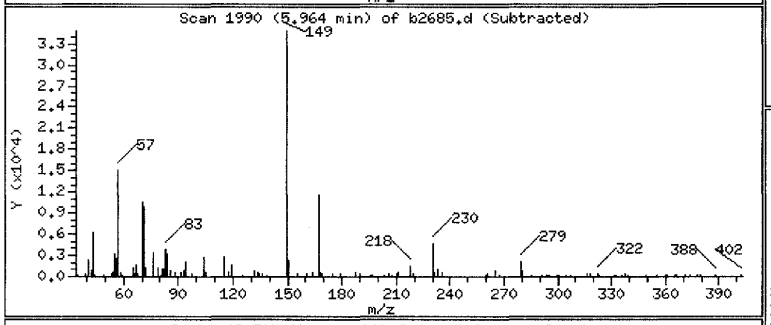
Column diameter: 0.25

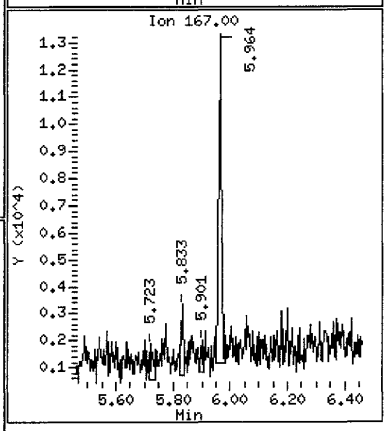
76 bis(2-Ethylhexyl)phthalate

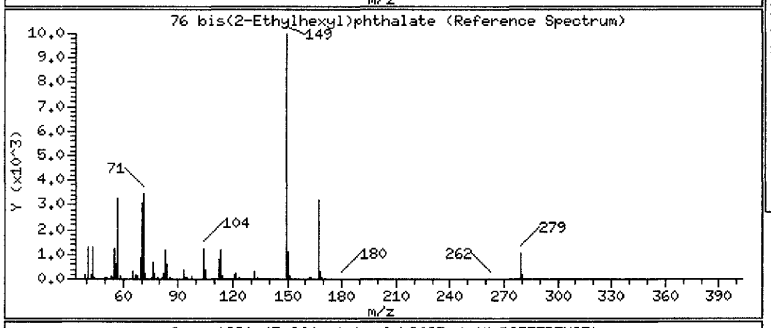
Concentration: 97.4 ug/Kg

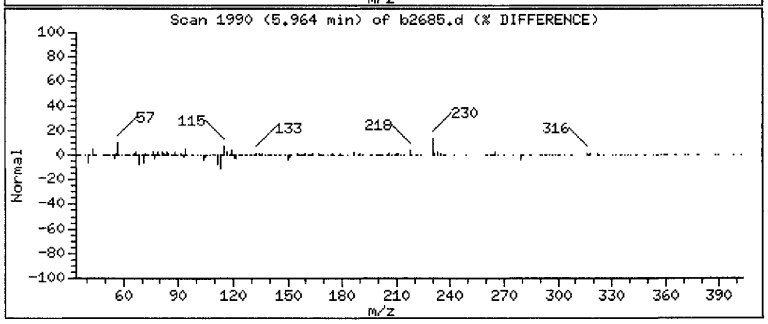












188768

Data File: /var/chem/MSSV3.i/20060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

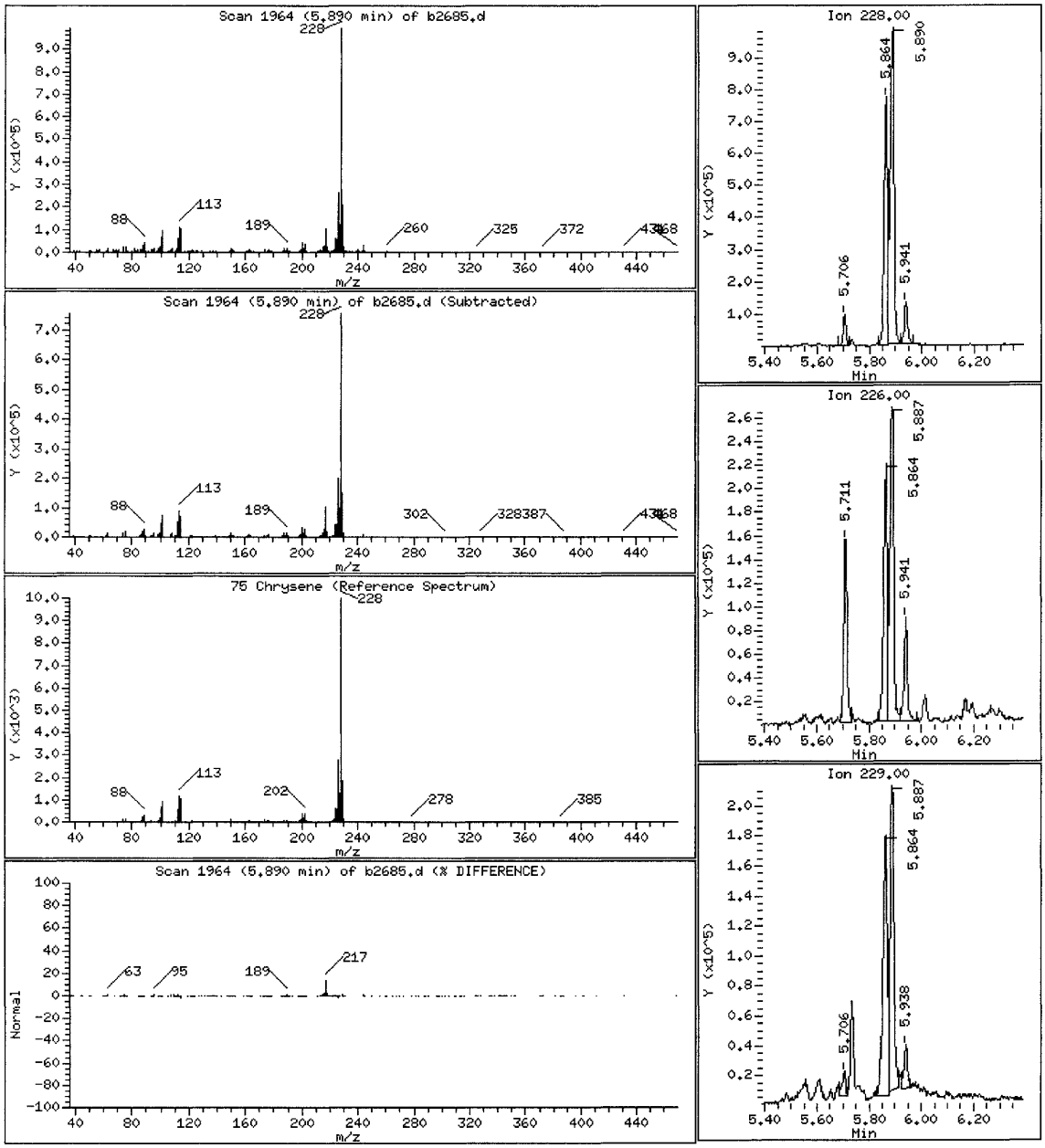
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

75 Chrysene

Concentration: 1440 ug/Kg



188769

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

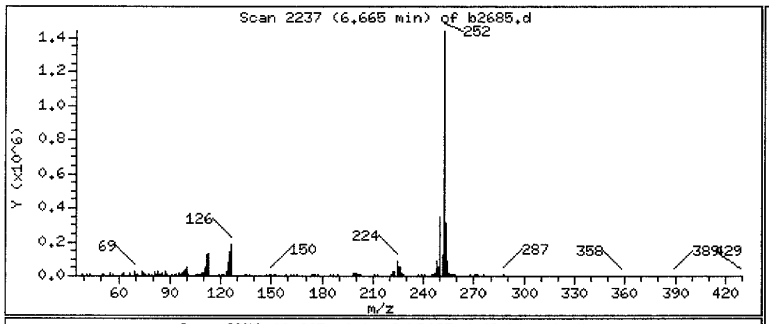
Operator: rrr

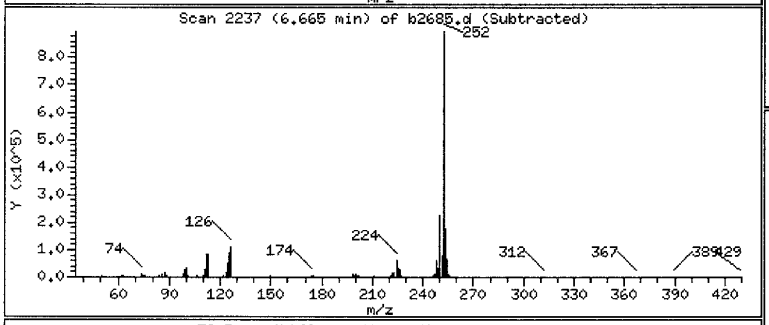
Column phase: RTX-5MS-30M

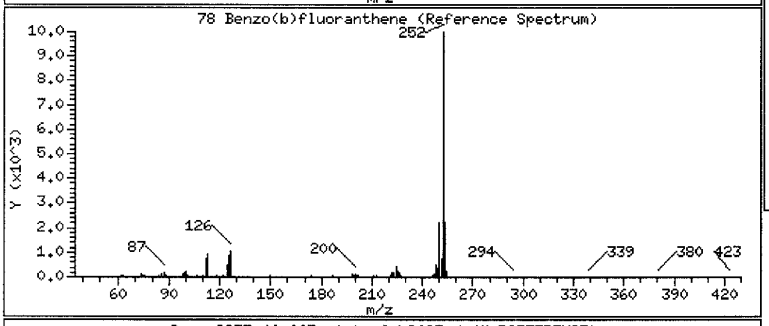
Column diameter: 0.25

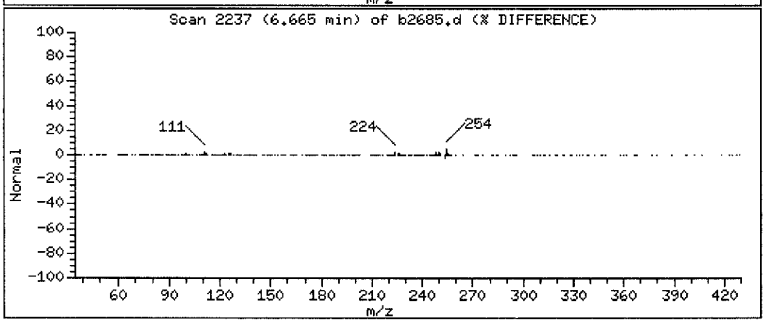
78 Benzo(b)fluoranthene

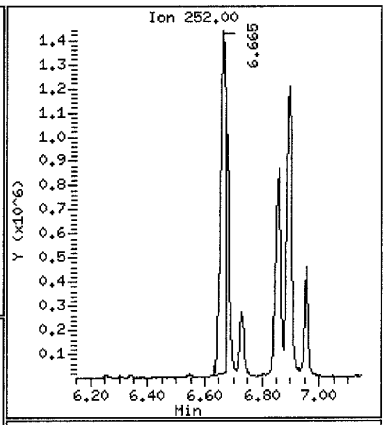
Concentration: 2090 ug/Kg

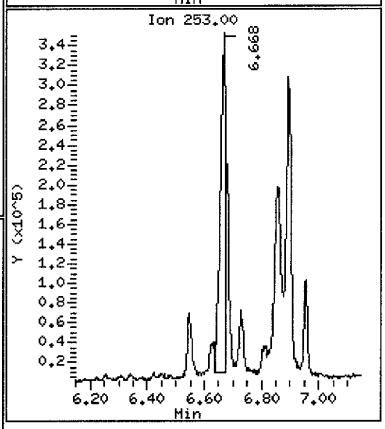












Data File: /var/chem/MSSV3.i/20060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

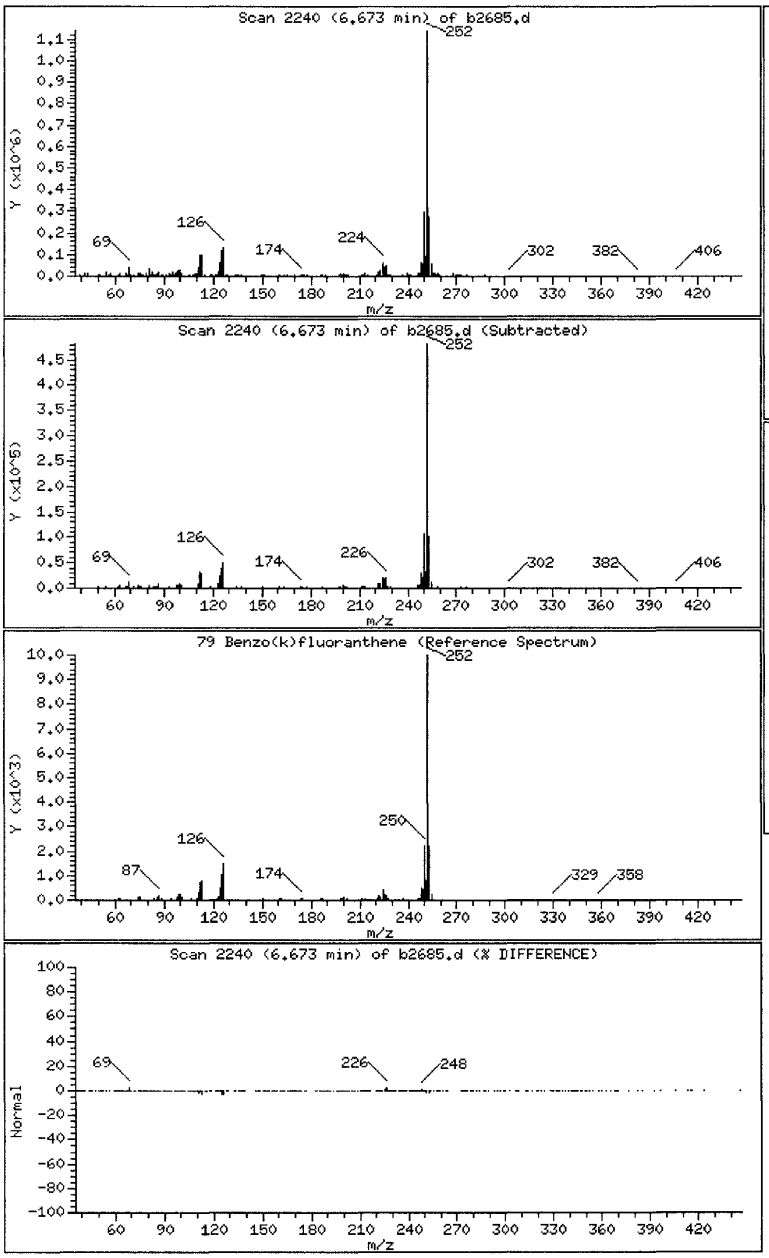
Operator: rrr

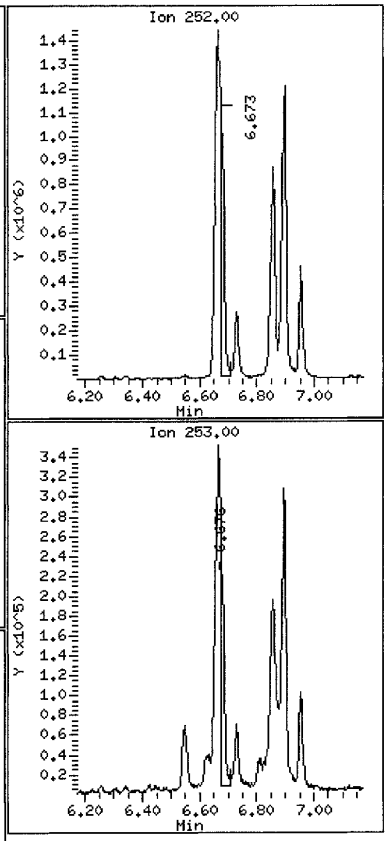
Column phase: RTX-5MS-30M

Column diameter: 0.25

79 Benzo(k)fluoranthene

Concentration: 868 ug/Kg





188771

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

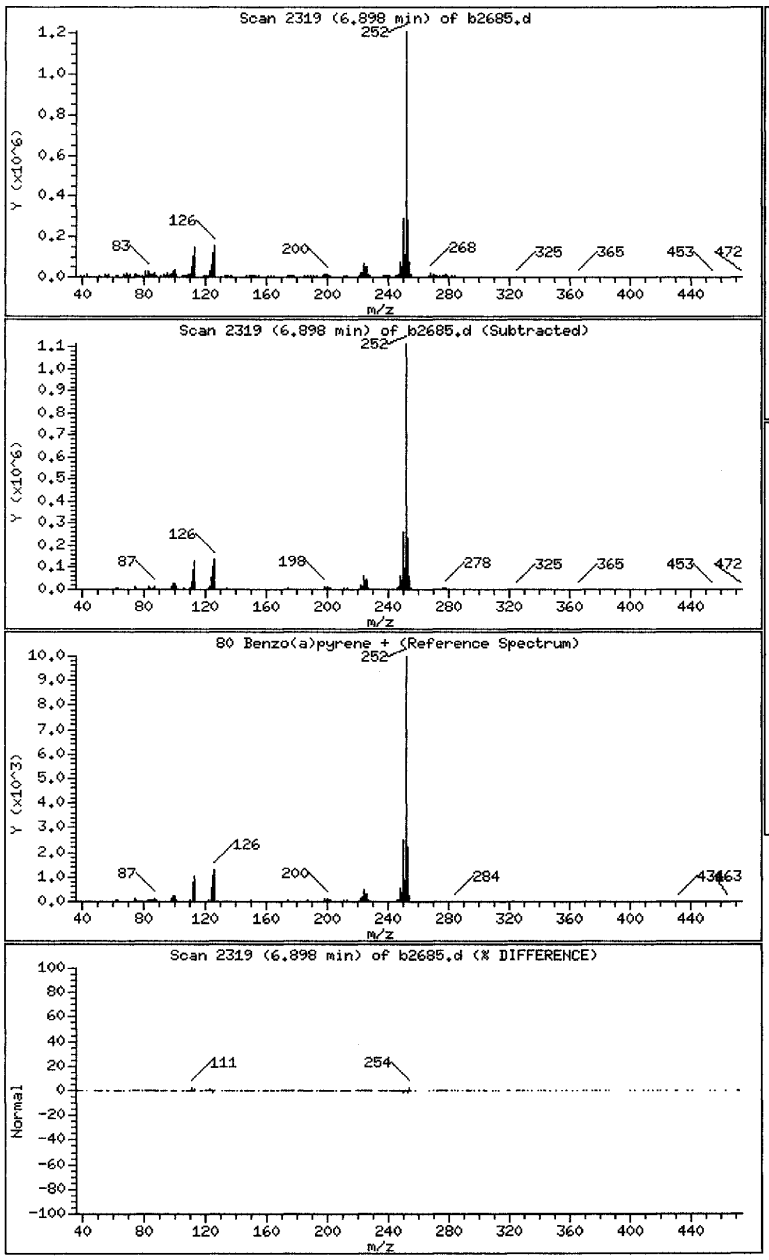
Operator: rrr

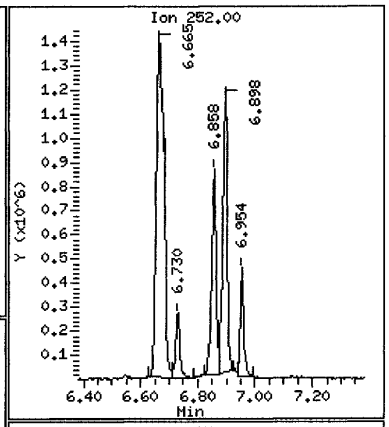
Column phase: RTX-5MS-30M

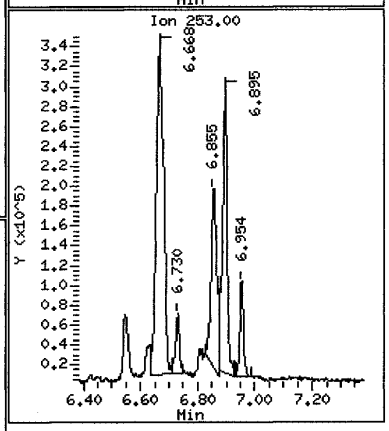
Column diameter: 0.25

80 Benzo(a)pyrene +

Concentration: 1650 ug/Kg







Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

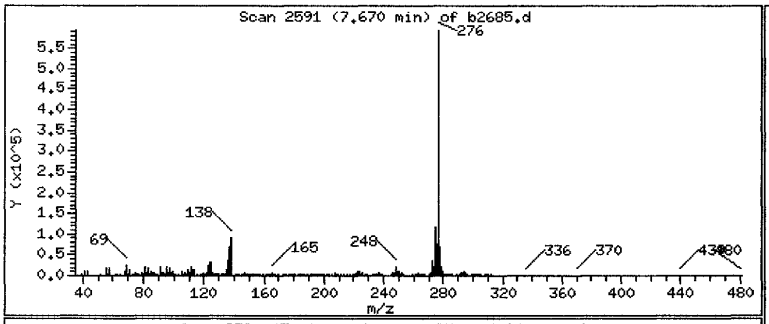
Operator: rrr

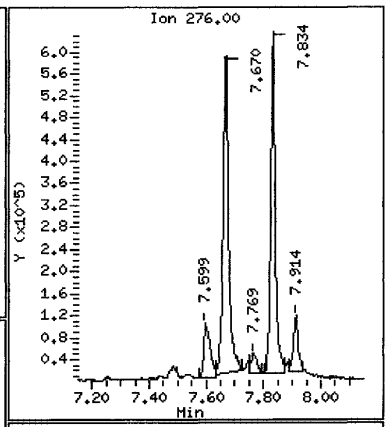
Column phase: RTX-5MS-30M

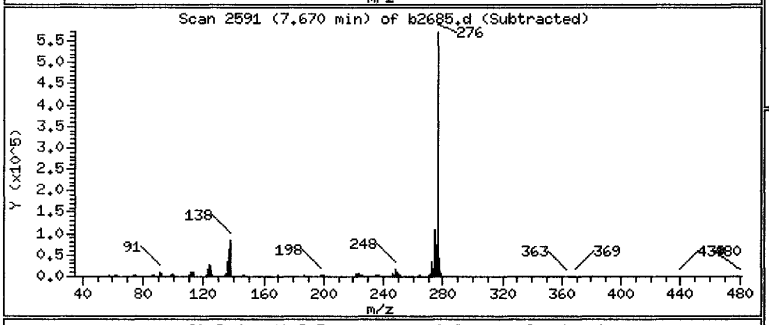
Column diameter: 0.25

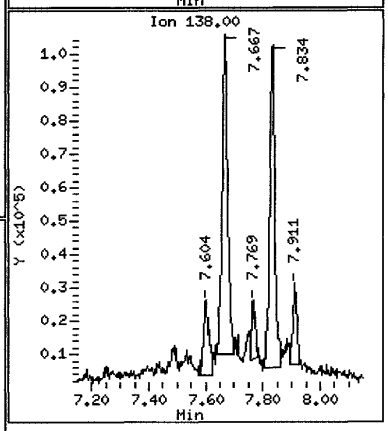
82 Indeno(1,2,3-cd)pyrene

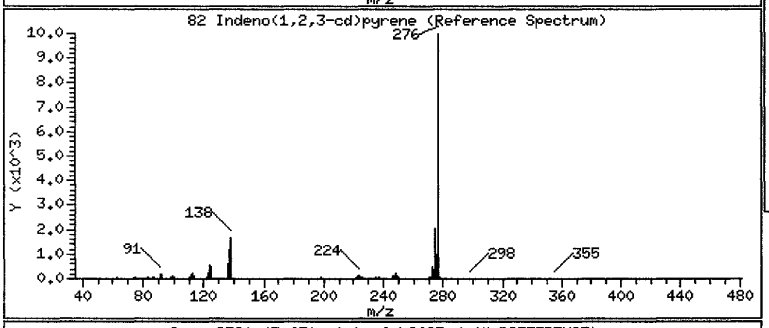
Concentration: 1090 ug/Kg

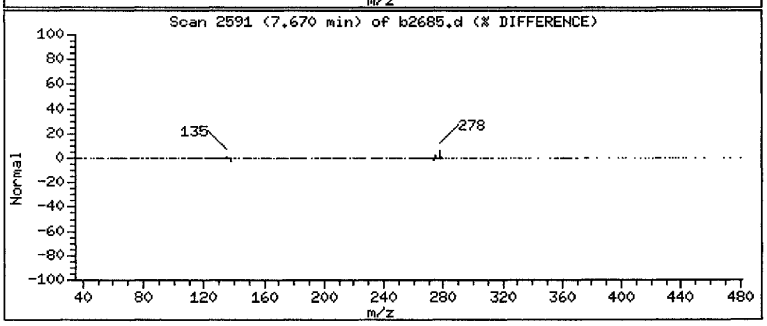












188773

Data File: /var/chem/MSSV3.i/20060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

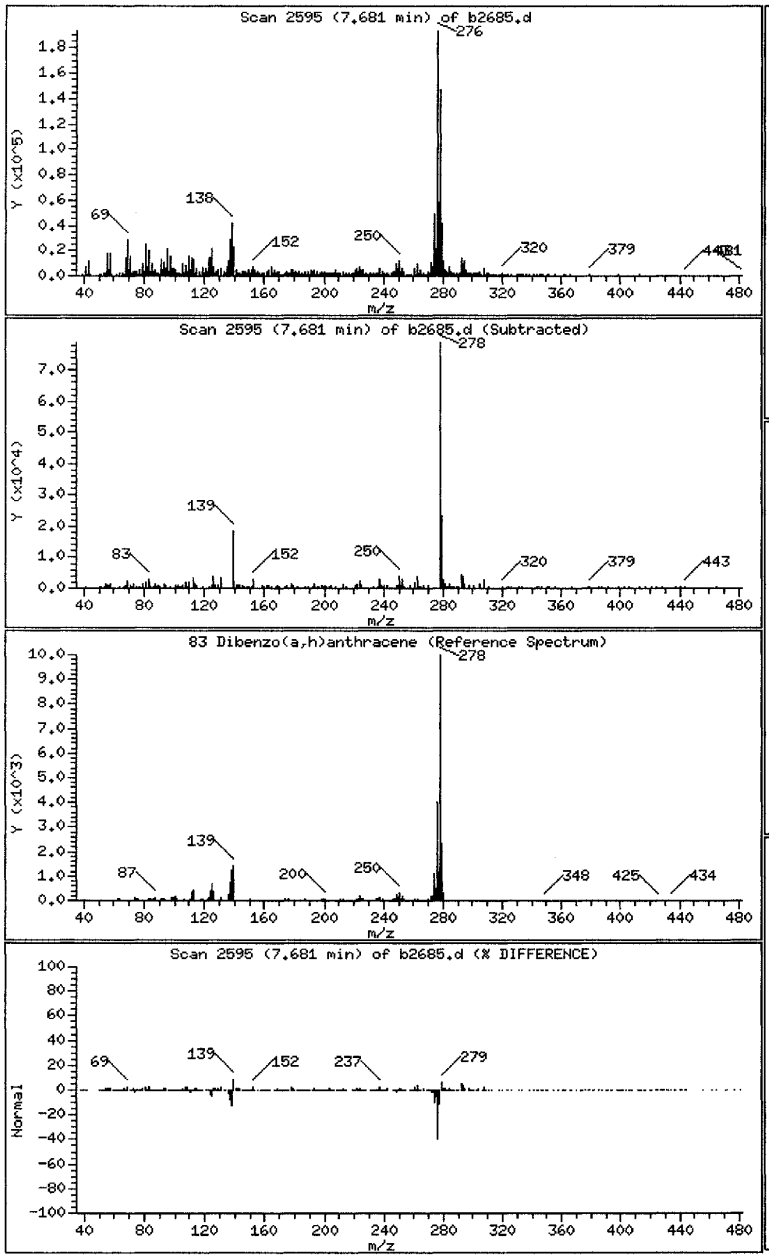
Operator: rrr

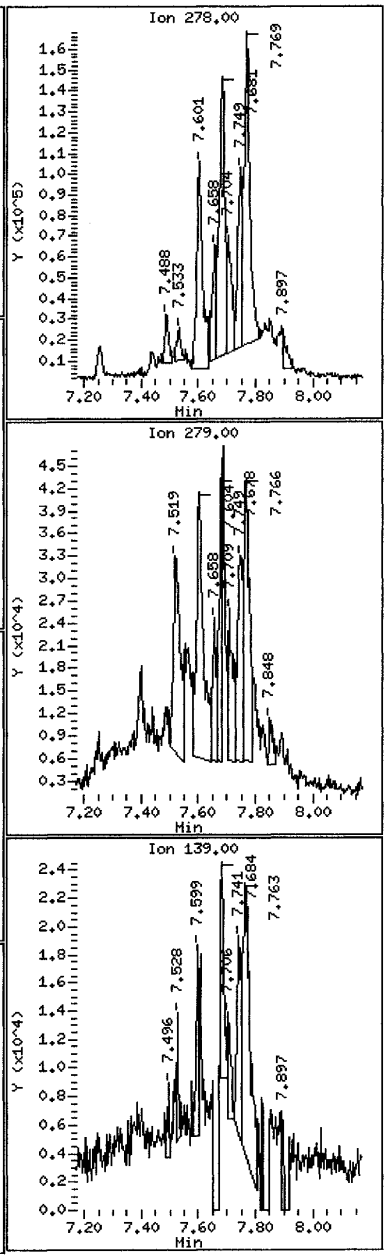
Column phase: RTX-5MS-30M

Column diameter: 0.25

83 Dibenzo(a,h)anthracene

Concentration: 310 ug/Kg





188774

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

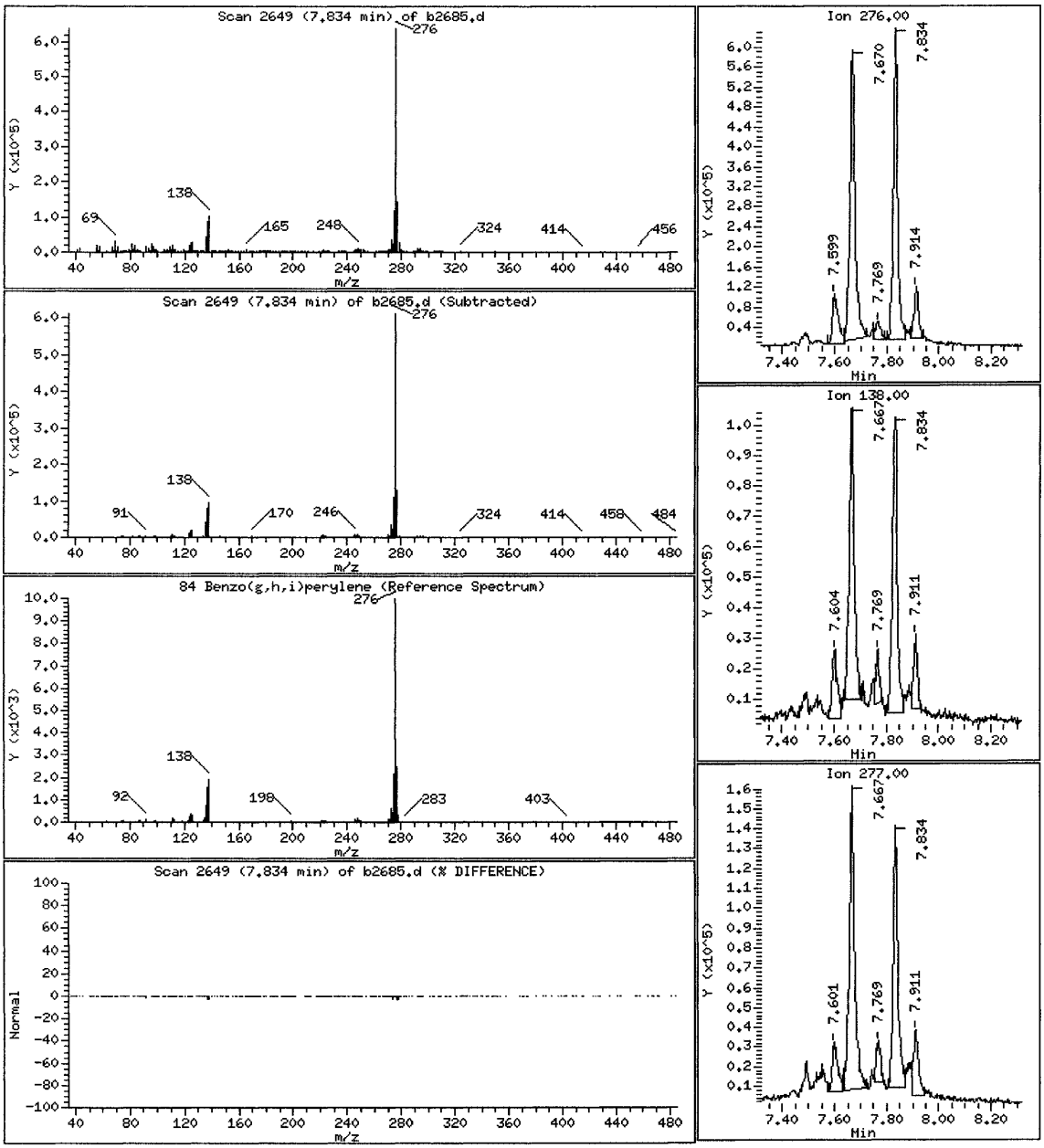
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

84 Benzo(g,h,i)perylene

Concentration: 773 ug/Kg



188775

Data File: /var/chem/MSSV3.i/2060722.s.b/b2685.d

Date : 22-JUL-2006 22:01

Client ID: 20607200601

Instrument: MSSV3.i

Sample Info: 20607200601*4482*

Volume Injected (uL): 1.0

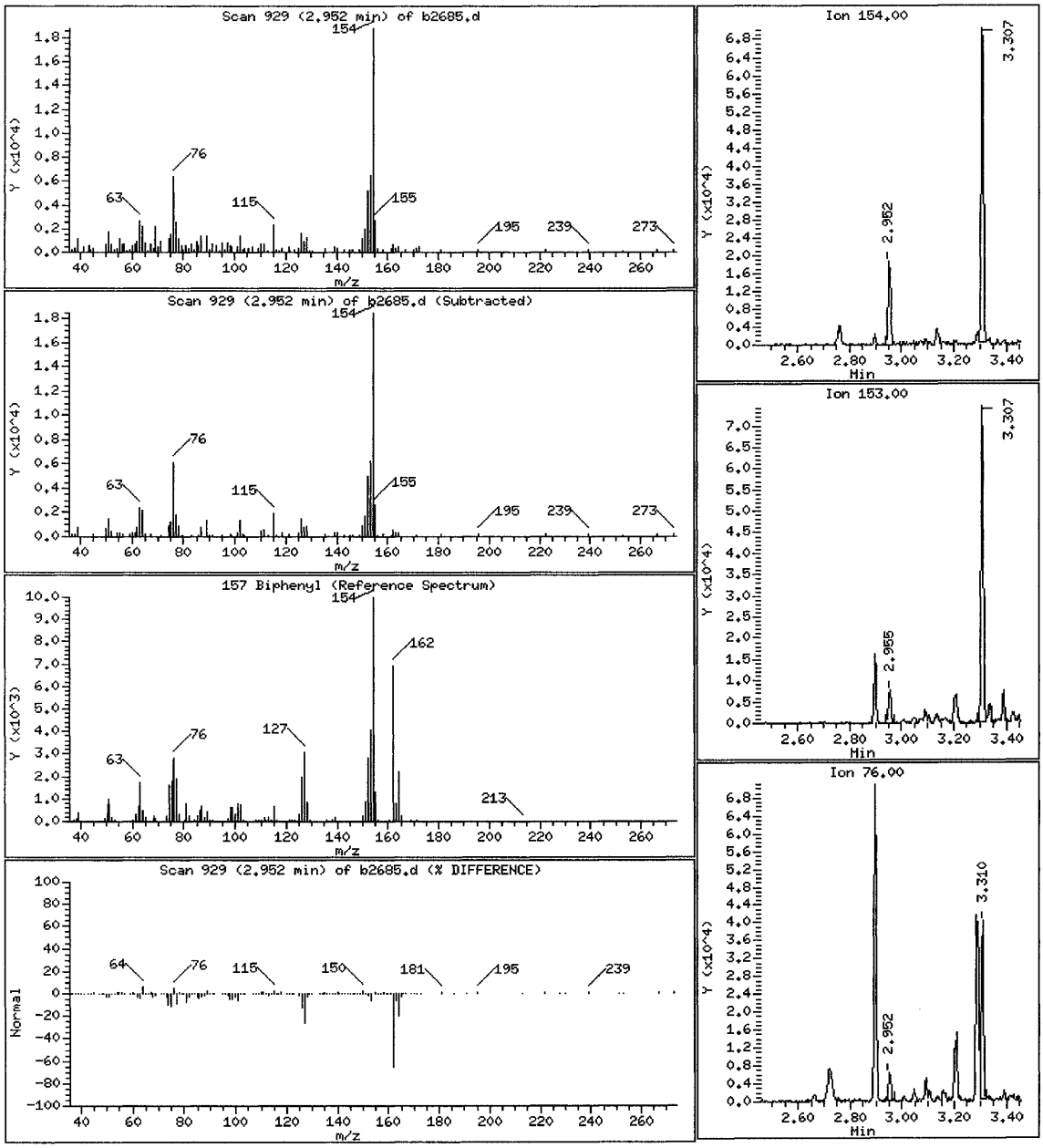
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

157 Biphenyl

Concentration: 23.8 ug/Kg

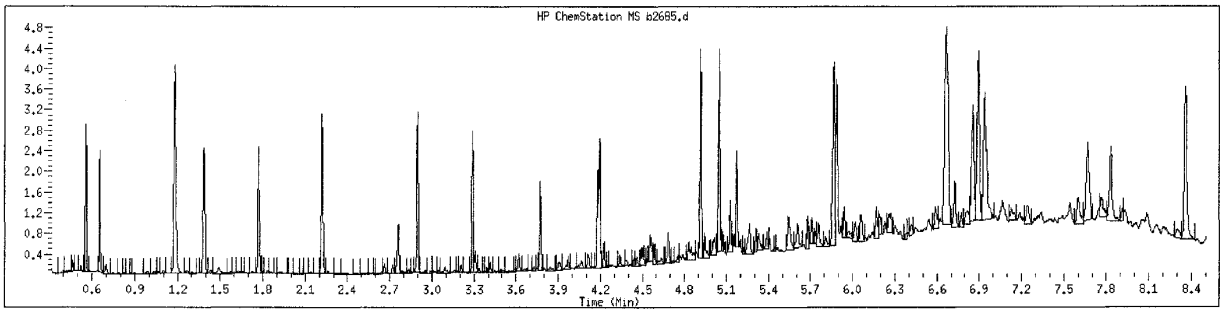


188776

Data file : /var/chem/MSSV3.i/2060722.s.b/b2685.d Page: 1
Report Date: 07/23/2006 10:46

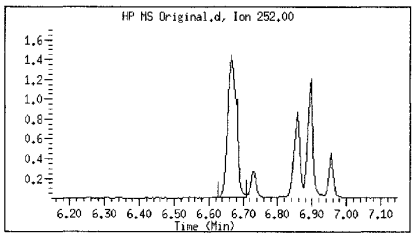
MANUAL INTEGRATION GRAPHIC REPORT

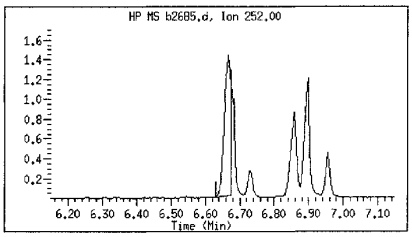
Lab ID : 20607200601 SampleType : SAMPLE
Injection Date: 22-JUL-2006 22:01 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200601*4482*
Misc Info : 20607200601*MSSV~3839~*072006*30.0-1*328412*
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



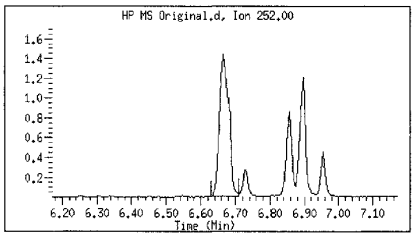
Original Final

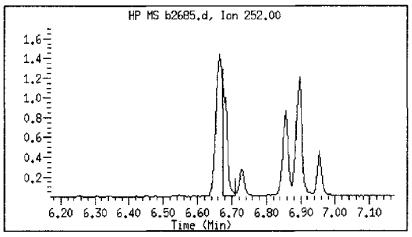
78 Benzo(b)fluoranthene CAS#: 205-99-2





79 Benzo(k)fluoranthene CAS#: 207-08-9





188777

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30.4 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SF3SB45-090-(1-2)
Contract:
Lab File ID: 2060723/B2805
Lab Sample ID: 20607200602
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/23/06 Time: 1448
Dilution Factor: 10 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328662

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	4320	U	93.7	4320
95-95-4	2,4,5-Trichlorophenol	4320	U	87.8	4320
88-06-2	2,4,6-Trichlorophenol	4320	U	194	4320
120-83-2	2,4-Dichlorophenol	4320	U	113	4320
51-28-5	2,4-Dinitrophenol	21800	U	740	21800
121-14-2	2,4-Dinitrotoluene	4320	U	194	4320
606-20-2	2,6-Dinitrotoluene	4320	U	105	4320
91-58-7	2-Chloronaphthalene	4320	U	117	4320
95-57-8	2-Chlorophenol	4320	U	69.0	4320
91-57-6	2-Methylnaphthalene	863	U	122	863
88-74-4	2-Nitroaniline	21800	U	283	21800
88-75-5	2-Nitrophenol	4320	U	172	4320
91-94-1	3,3'-Dichlorobenzidine	8630	U	542	8630
99-09-2	3-Nitroaniline	21800	U	119	21800
534-52-1	2-Methyl-4,6-dinitrophenol	21800	U	226	21800
59-50-7	4-Chloro-3-methylphenol	4320	U	173	4320
106-47-8	4-Chloroaniline	4320	U	381	4320
7005-72-3	4-Chlorophenyl-phenylether	4320	U	115	4320
83-32-9	Acenaphthene	863	U	113	863
208-96-8	Acenaphthylene	863	U	128	863
98-86-2	Acetophenone	4320	U	92.8	4320
62-53-3	Aniline	4320	U	83.7	4320
120-12-7	Anthracene	582	J	124	863
1912-24-9	Atrazine (Aatrex)	8630	U	222	8630
100-52-7	Benzaldehyde	8630	U	330	8630
92-87-5	Benzidine	17300	U	583	17300
56-55-3	Benzo(a)anthracene	863	U	115	863
50-32-8	Benzo(a)pyrene	966		114	863
205-99-2	Benzo(b)fluoranthene	1230	J	80.0	4320

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30.4 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)
Contract:
Lab File ID: 2060723/B2805
Lab Sample ID: 20607200602
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/23/06 Time: 1448
Dilution Factor: 10 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	1870	J	114	4320
207-08-9	Benzo(k)fluoranthene	4320	U	177	4320
65-85-0	Benzoic acid	21800	U	2010	21800
100-51-6	Benzyl alcohol	4320	U	128	4320
92-52-4	Biphenyl	4320	U	127	4320
111-91-1	Bis(2-Chloroethoxy)methane	4320	U	149	4320
111-44-4	Bis(2-Chloroethyl)ether	4320	U	134	4320
108-60-1	bis(2-Chloroisopropyl)ether	4320	U	168	4320
117-81-7	bis(2-ethylhexyl)phthalate	4200	B	116	863
101-55-3	4-Bromophenyl-phenylether	4320	U	105	4320
85-68-7	Butylbenzylphthalate	4320	U	141	4320
105-60-2	Caprolactam	4320	U	894	4320
86-74-8	Carbazole	4320	U	112	4320
218-01-9	Chrysene	936	J	101	4320
84-74-2	Di-n-butylphthalate	4320	U	323	4320
117-84-0	Di-n-octylphthalate	4320	U	94.1	4320
53-70-3	Dibenz(a,h)anthracene	863	U	109	863
132-64-9	Dibenzofuran	4320	U	160	4320
84-66-2	Diethylphthalate	4320	U	192	4320
131-11-3	Dimethyl-phthalate	4320	U	142	4320
105-67-9	2,4-Dimethylphenol	4320	U	293	4320
206-44-0	Fluoranthene	685	J	127	4320
86-73-7	Fluorene	863	U	111	863
118-74-1	Hexachlorobenzene	4320	U	139	4320
77-47-4	Hexachlorocyclopentadiene	4320	U	93.7	4320
67-72-1	Hexachloroethane	4320	U	181	4320
193-39-5	Indeno(1,2,3-cd)pyrene	1720	J	183	4320
78-59-1	Isophorone	4320	U	110	4320
100-01-6	4-Nitroaniline	21800	U	312	21800

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.4 Units: g

Level: (low/med) LOW

% Moisture: 24.6 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)

Contract:

Lab File ID: 2060723/B2805

Lab Sample ID: 20607200602

Date Collected: 07/18/06 Time: 1625

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1448

Dilution Factor: 10 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	4320	U	162	4320
100-02-7	4-Nitrophenol	21800	U	567	21800
87-86-5	Pentachlorophenol	21800	U	1120	21800
85-01-8	Phenanthrene	863	U	140	863
108-95-2	Phenol	4320	U	141	4320
129-00-0	Pyrene	635	J	135	4320
110-86-1	Pyridine	4320	U	260	4320
1319-77-3M	m,p-Cresol	4320	U	160	4320
621-64-7	N-Nitroso-di-n-propylamine	863	U	117	863
62-75-9	N-Nitrosodimethylamine	4320	U	563	4320
86-30-6	N-Nitrosodiphenylamine	4320	U	129	4320
95-48-7	o-Cresol	4320	U	176	4320

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060723.s.b/b2805.d
Lab Smp Id: 20607200602 Client Smp ID: 20607200602
Inj Date : 23-JUL-2006 14:48
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200602*4482*
Misc Info : 20607200602*MSSV~3839~*072006*30.4-1X10*32841
Comment :
Method : /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:23 rlw Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 5
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.645	0.645	(0.467)	32134	11.8540	3900(R)
$ 4 Phenol-d5	99	1.178	1.178	(0.854)	130612	9.58027	3150
* 10 1,4-Dichlorobenzene-d4	152	1.380	1.383	(1.000)	182960	40.0000	
$ 19 Nitrobenzene-d5	82	1.769	1.772	(0.798)	73605	4.46488	1470
* 28 Naphthalene-d8	136	2.217	2.220	(1.000)	671571	40.0000	
$ 37 2-Fluorobiphenyl	172	2.895	2.898	(0.880)	63860	4.74560	1560
* 44 Acenaphthene-d10	164	3.290	3.290	(1.000)	392617	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.772	3.773	(1.147)	18999	9.65304	3180
* 61 Phenanthrene-d10	188	4.184	4.184	(1.000)	623070	40.0000	
63 Anthracene	178	4.227	4.230	(1.010)	26167	1.33551	439
67 Fluoranthene +	202	4.916	4.914	(1.175)	29842	1.57176	517

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
69 Pyrene	202	5.047	5.047	(0.859)	31742	1.45579	479
$ 70 Terphenyl-d14	244	5.175	5.172	(0.881)	63365	4.20430	1380
* 74 Chrysene-d12	240	5.873	5.867	(1.000)	649703	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.966	5.961	(1.016)	106176	9.62619	3170
75 Chrysene	228	5.887	5.887	(1.002)	47595	2.14530	706
78 Benzo(b)fluoranthene	252	6.659	6.648	(0.959)	50858	2.81371	926
80 Benzo(a)pyrene +	252	6.892	6.880	(0.993)	55655	2.21683	729
* 81 Perylene-d12	264	6.943	6.920	(1.000)	953488	40.0000	
82 Indeno(1,2,3-cd)pyrene	276	7.681	7.652	(1.308)	54434	3.96055	1300
84 Benzo(g,h,i)perylene	276	7.851	7.820	(1.131)	132623	4.29746	1410

QC Flag Legend

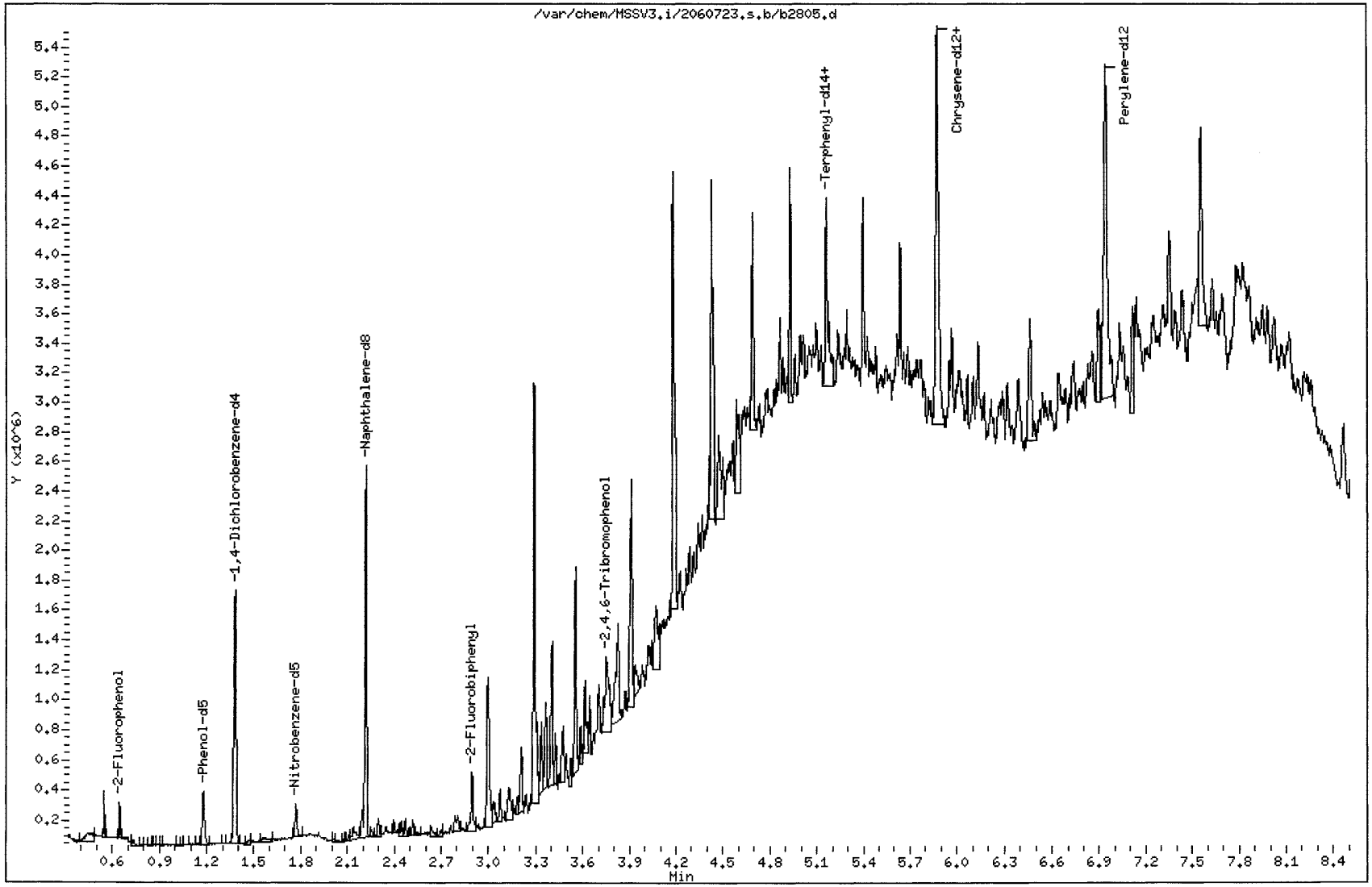
R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d
Date : 23-JUL-2006 14:48
Client ID: 20607200602
Sample Info: 20607200602*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25

000811



188783

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

Client ID: 20607200602

Instrument: MSSV3.i

Sample Info: 20607200602*4482*

Volume Injected (uL): 1.0

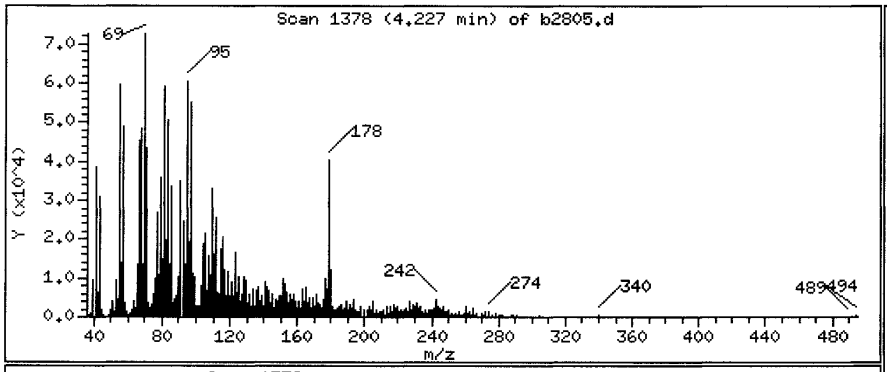
Operator: rrr

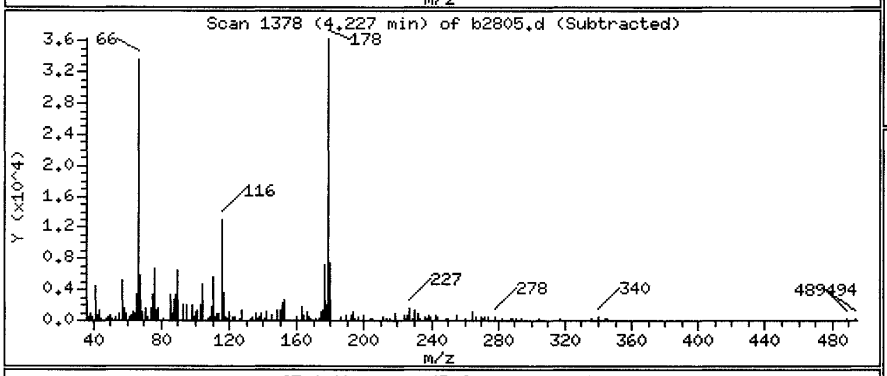
Column phase: RTX-5MS-30M

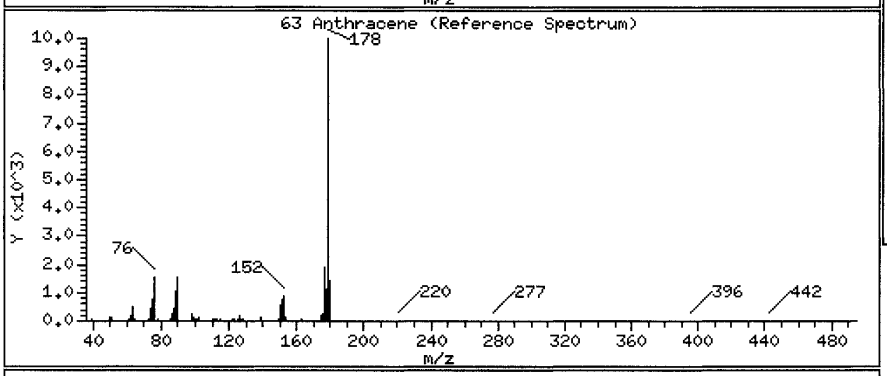
Column diameter: 0.25

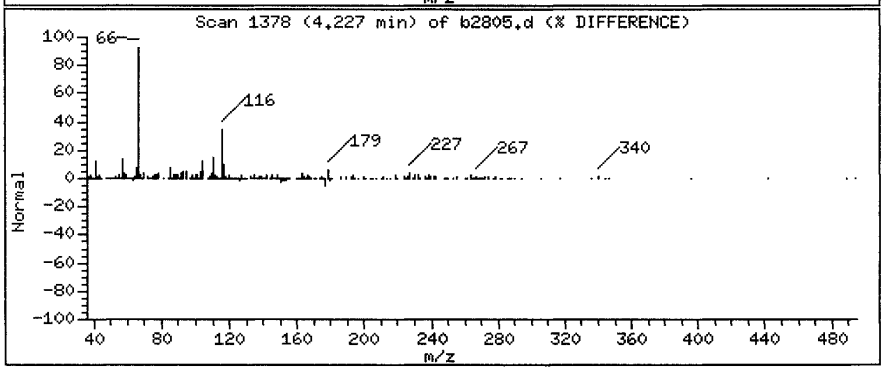
63 Anthracene

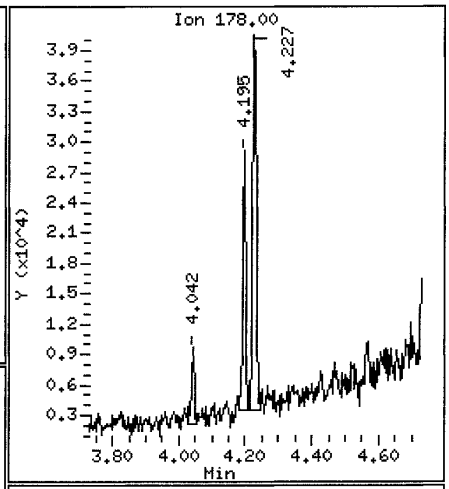
Concentration: 439 ug/Kg

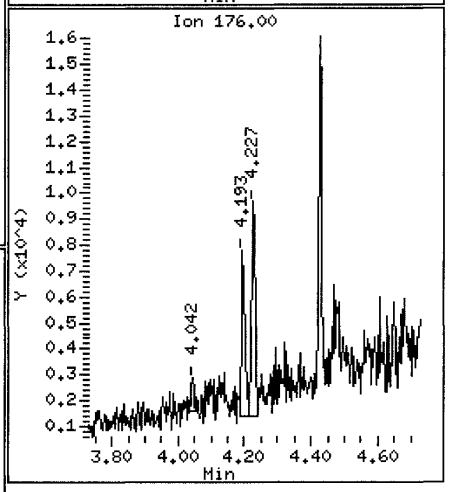












000812

188784

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

Client ID: 20607200602

Instrument: MSSV3.i

Sample Info: 20607200602*4482*

Volume Injected (uL): 1.0

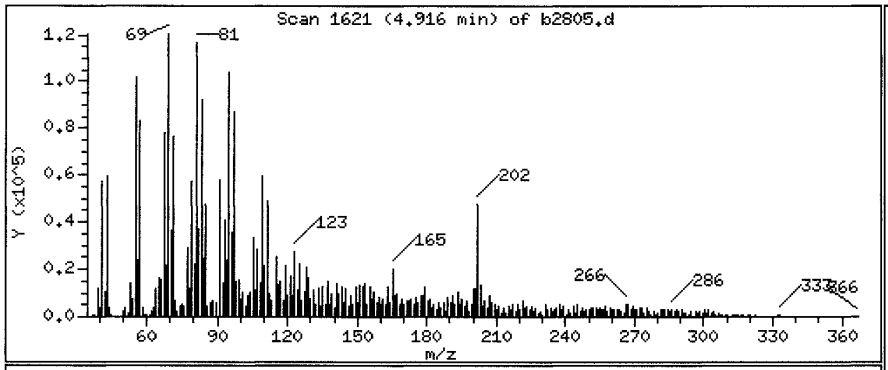
Operator: rrr

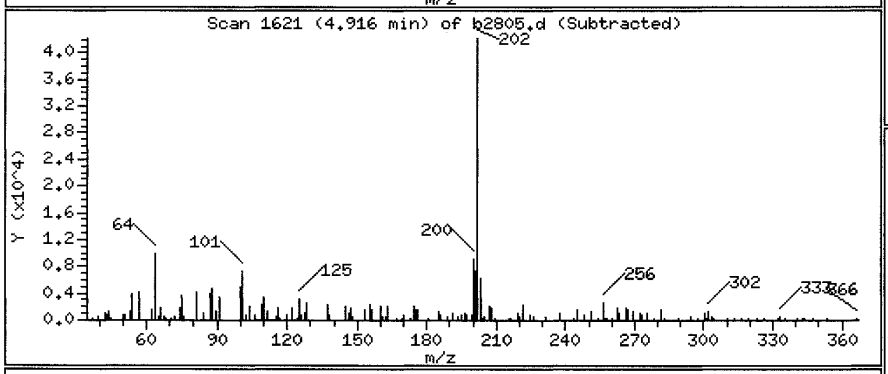
Column phase: RTX-5MS-30M

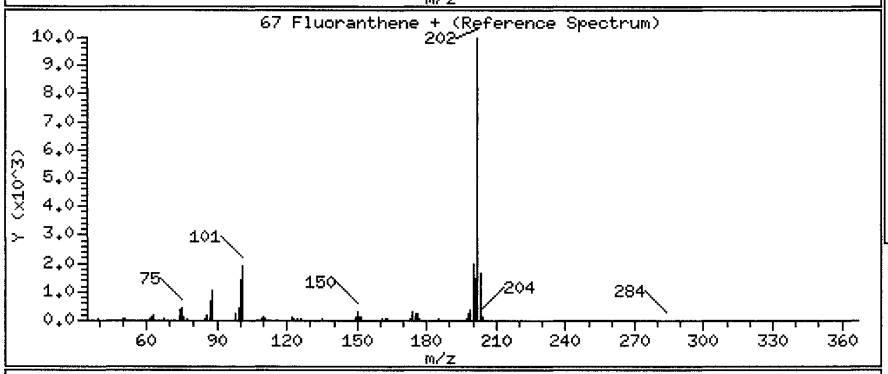
Column diameter: 0.25

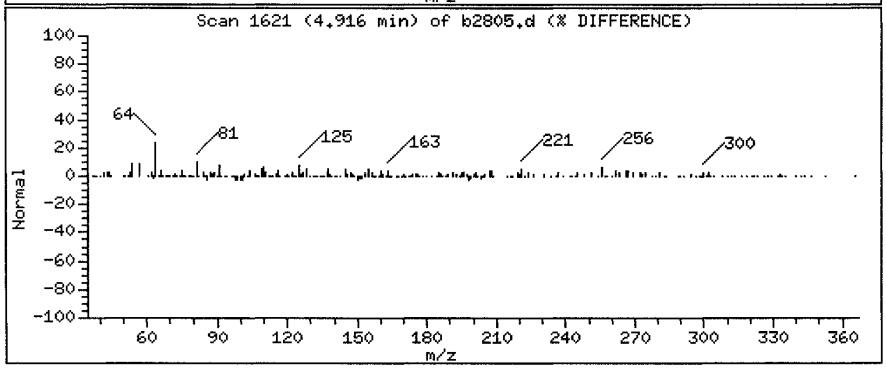
67 Fluoranthene +

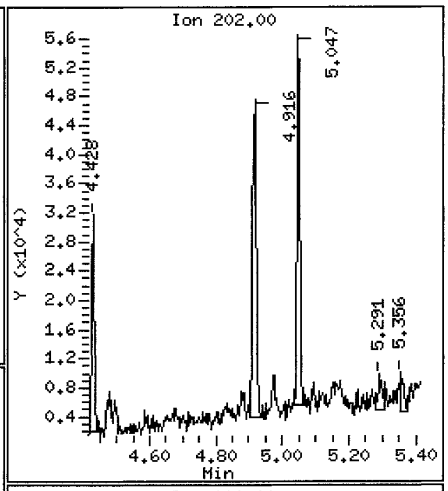
Concentration: 517 ug/Kg

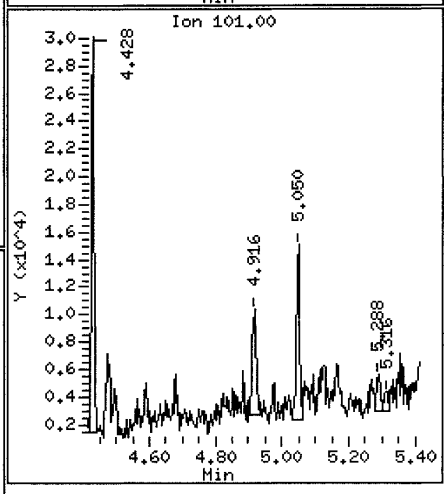












000813

188785

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

Client ID: 20607200602

Instrument: MSSV3.i

Sample Info: 20607200602*4482*

Volume Injected (uL): 1.0

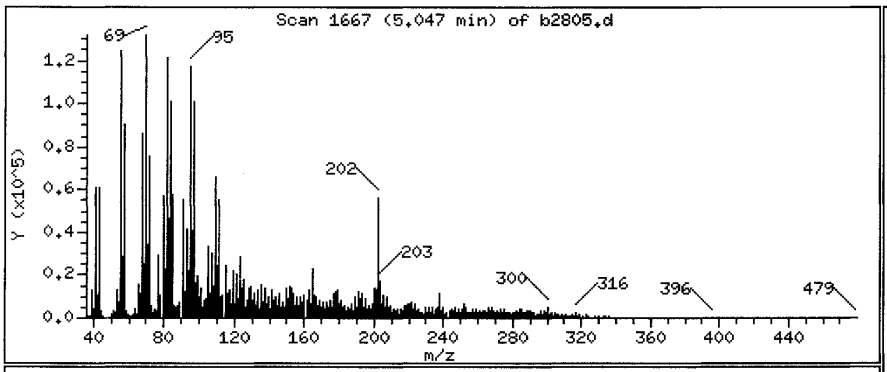
Operator: rrr

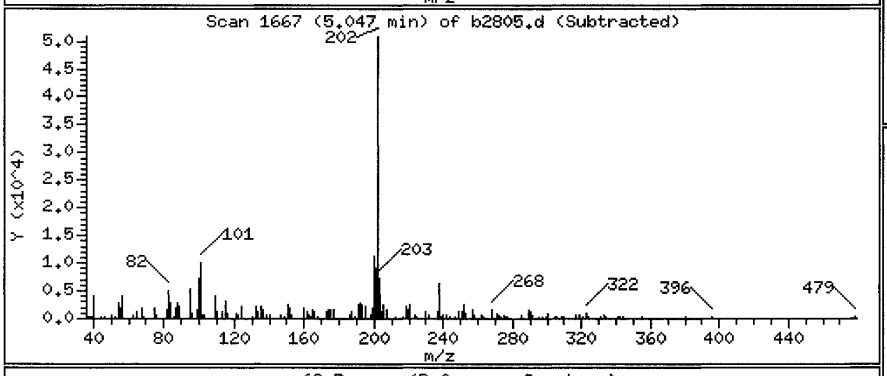
Column phase: RTX-5MS-30M

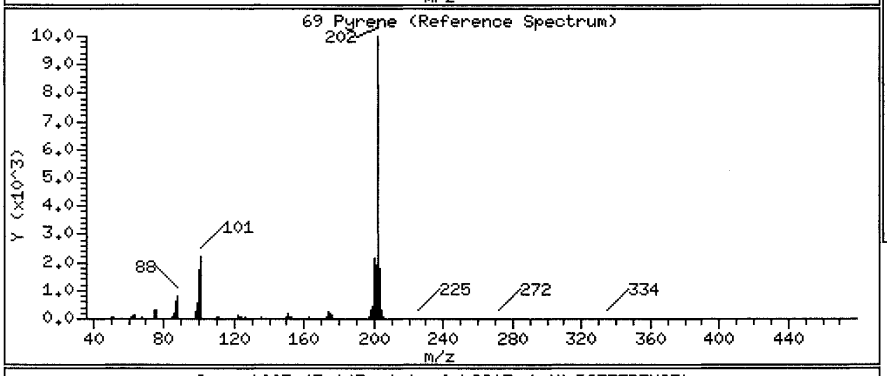
Column diameter: 0.25

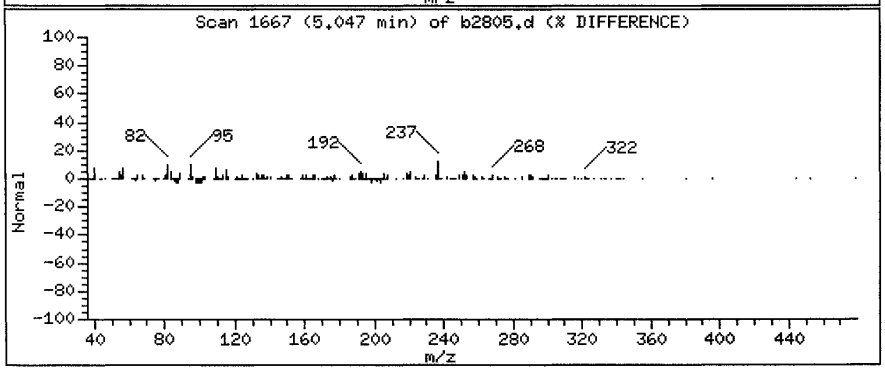
69 Pyrene

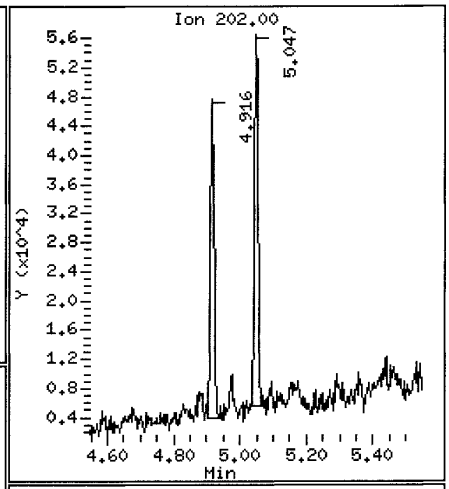
Concentration: 479 ug/Kg

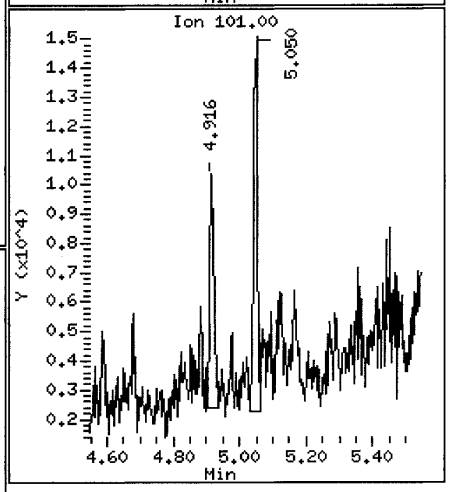












188786

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

Client ID: 20607200602

Instrument: MSSV3.i

Sample Info: 20607200602*4482*

Volume Injected (uL): 1.0

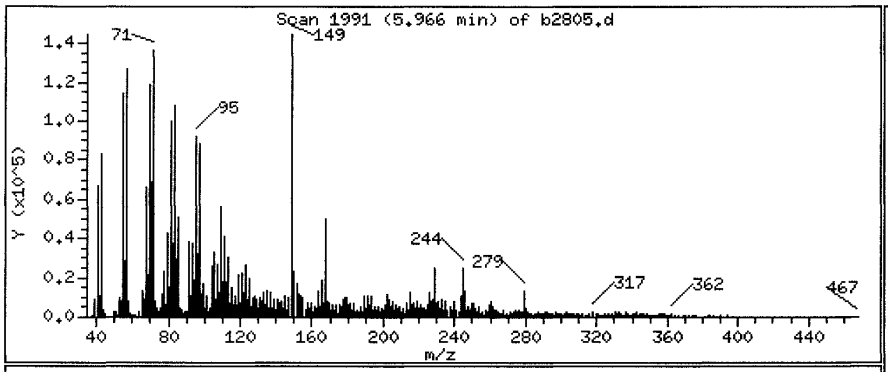
Operator: rrr

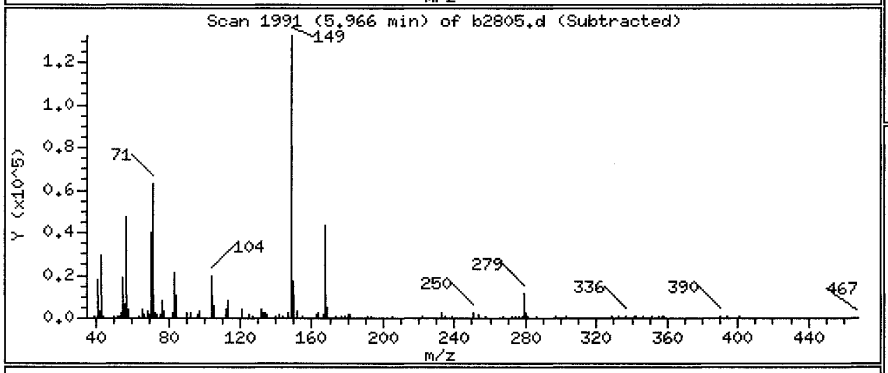
Column phase: RTX-5MS-30M

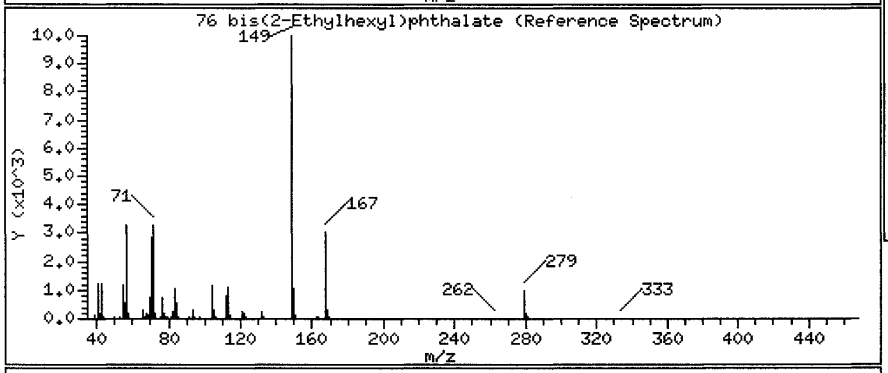
Column diameter: 0.25

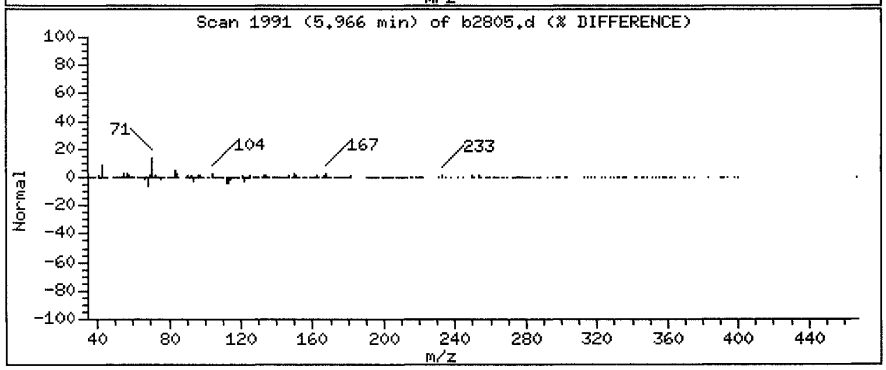
76 bis(2-Ethylhexyl)phthalate

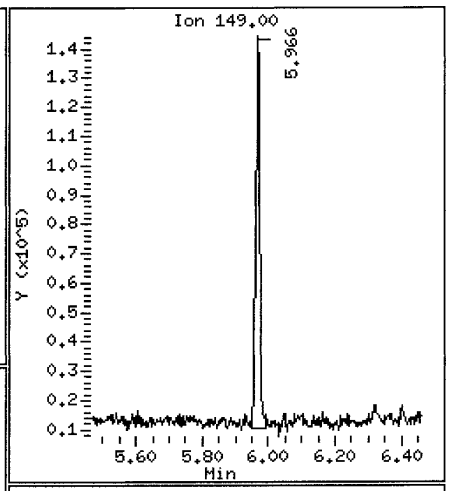
Concentration: 3170 ug/Kg

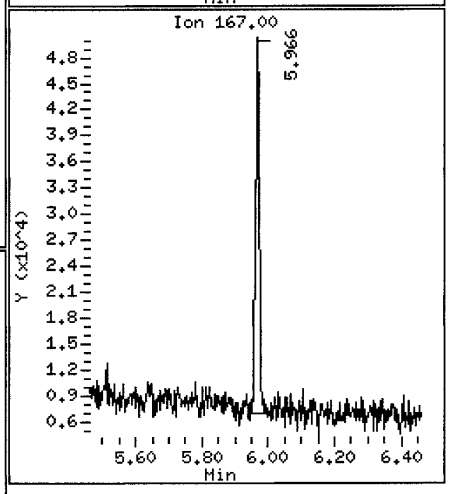












000815

188787

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

Client ID: 20607200602

Instrument: MSSV3.i

Sample Info: 20607200602*4482*

Volume Injected (uL): 1.0

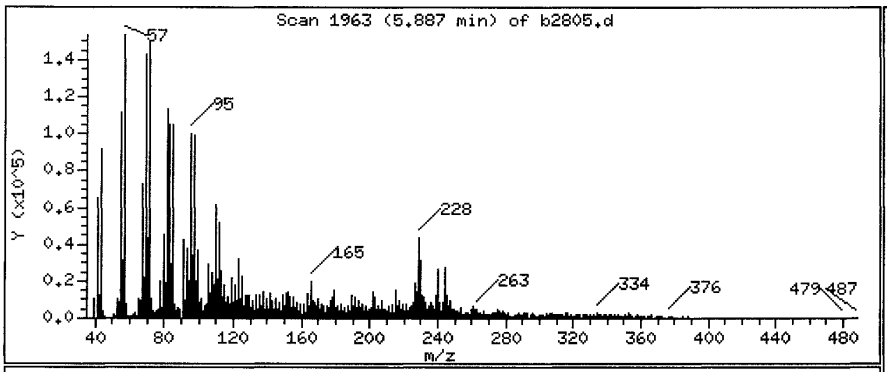
Operator: rrr

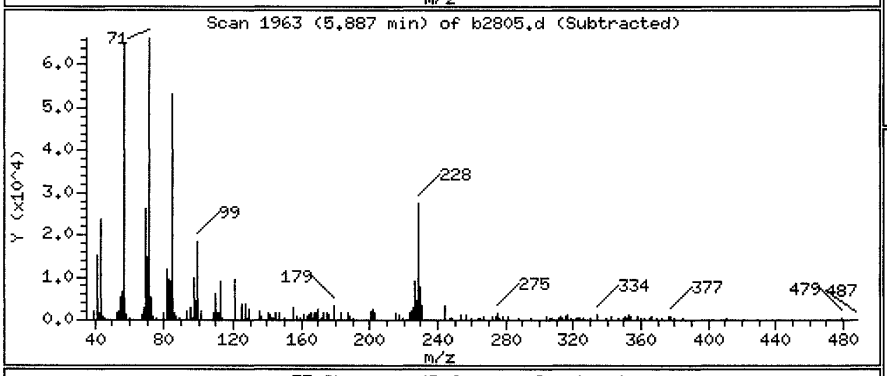
Column phase: RTX-5MS-30M

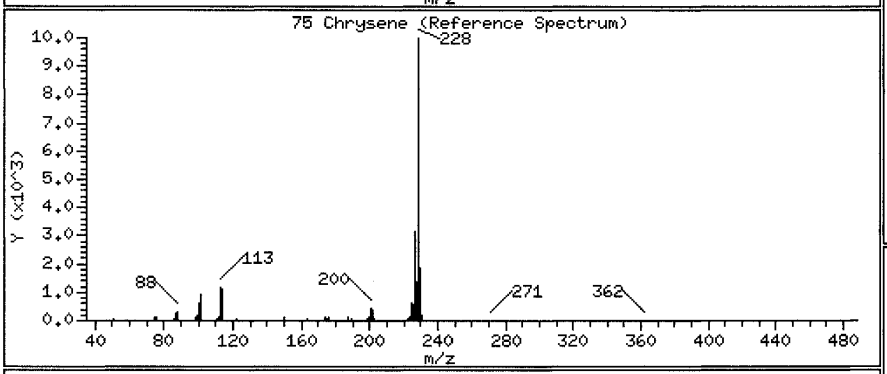
Column diameter: 0.25

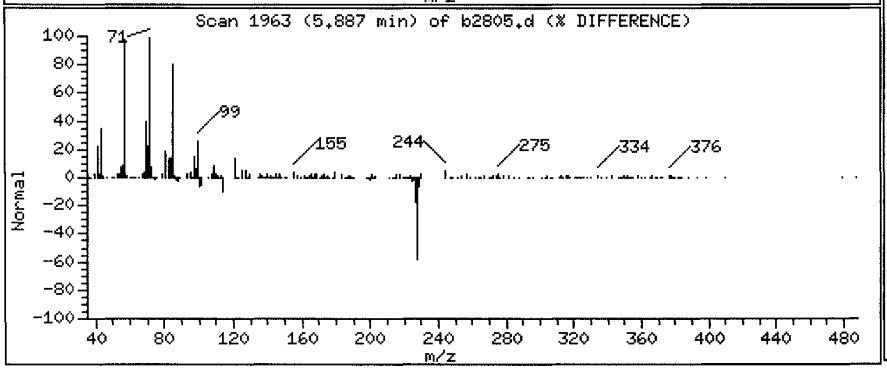
75 Chrysene

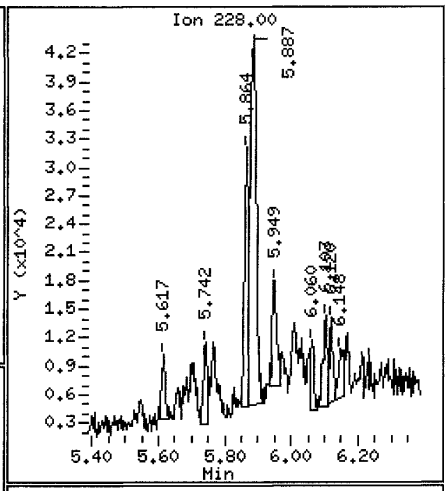
Concentration: 706 ug/Kg

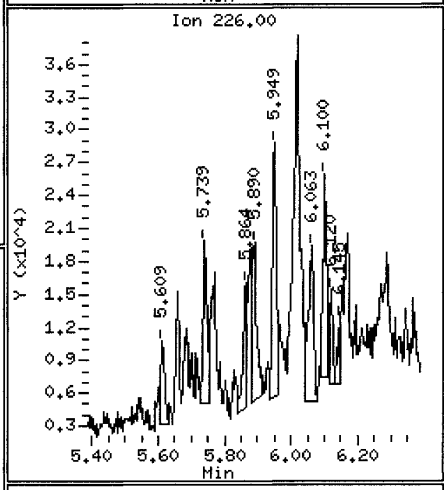


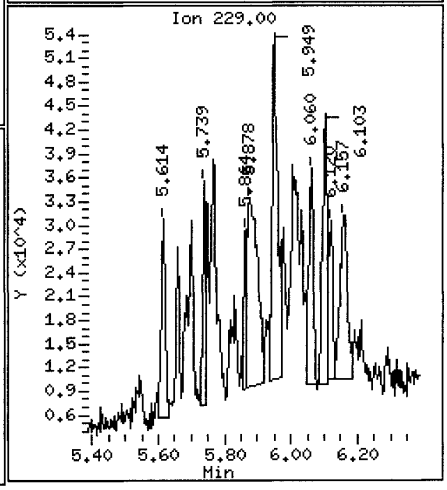












000816

188788

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

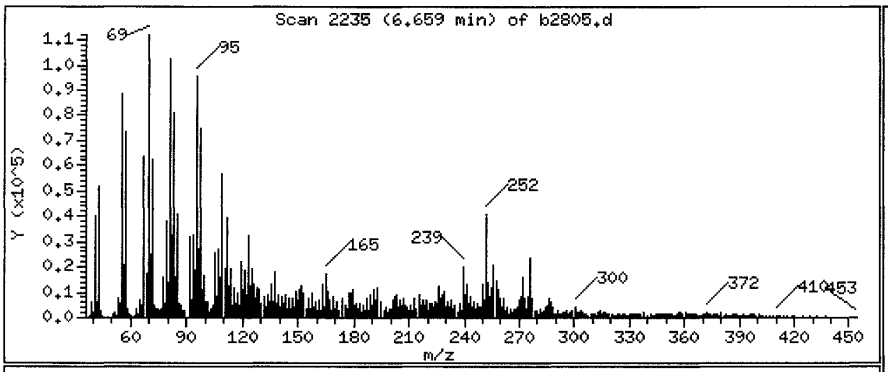
Client ID: 20607200602 Instrument: MSSV3.i

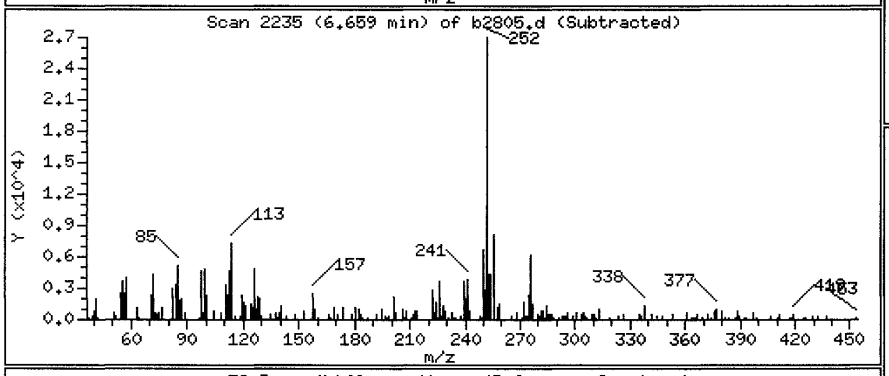
Sample Info: 20607200602*4482*

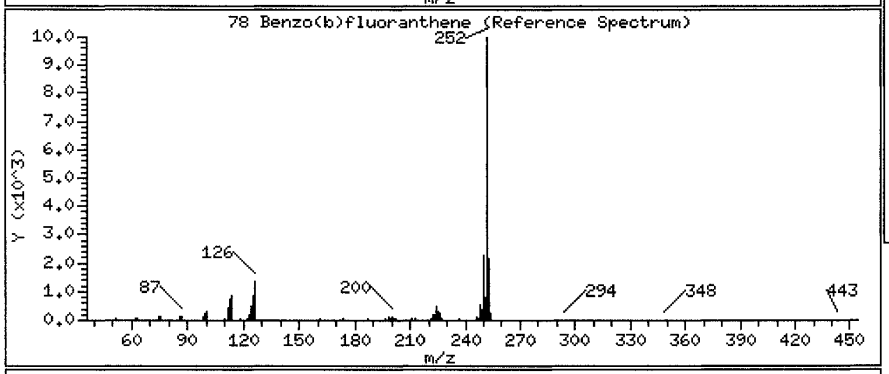
Volume Injected (uL): 1.0 Operator: rrr

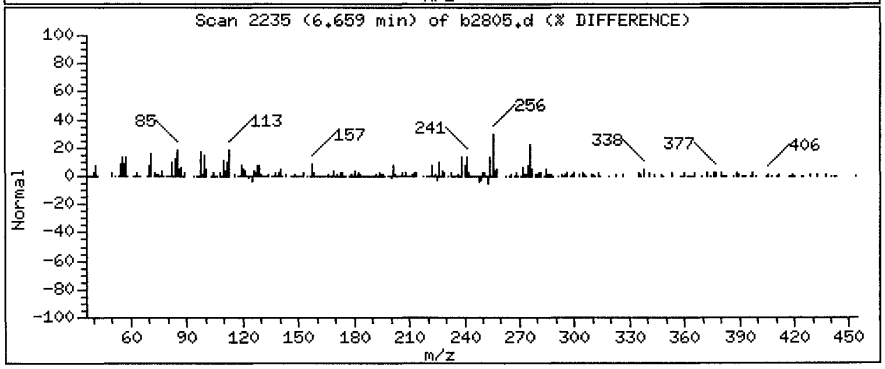
Column phase: RTX-5MS-30M Column diameter: 0.25

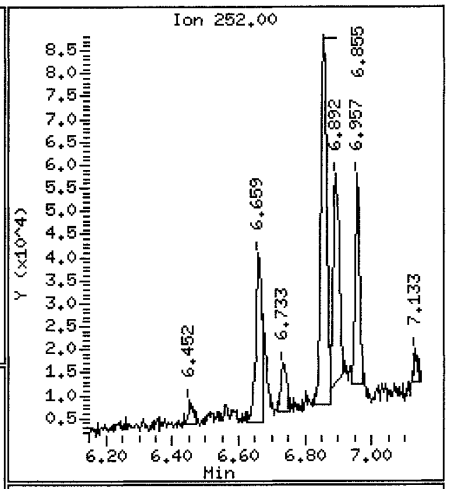
78 Benzo(b)fluoranthene Concentration: 926 ug/Kg

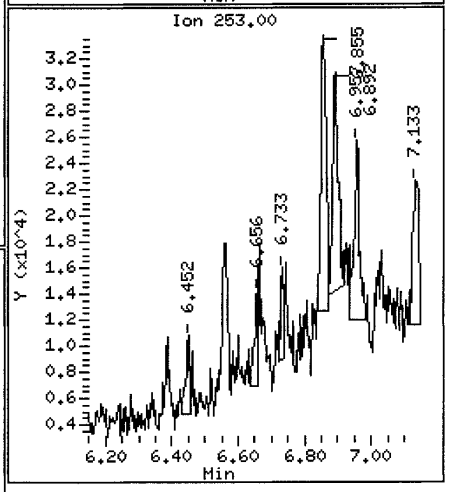












000817

188789

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

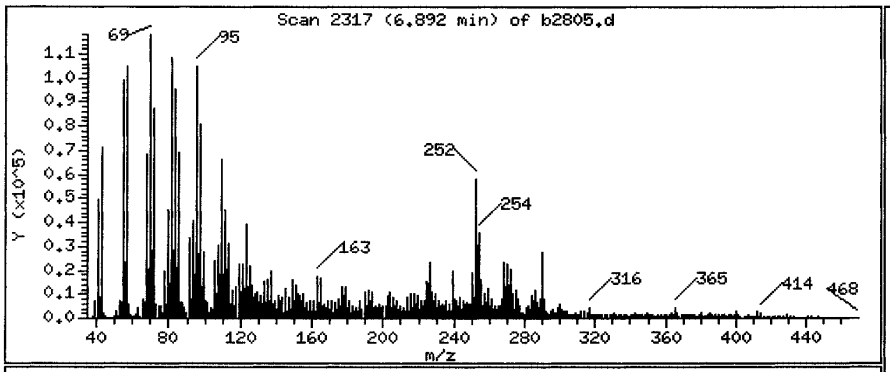
Client ID: 20607200602 Instrument: MSSV3.i

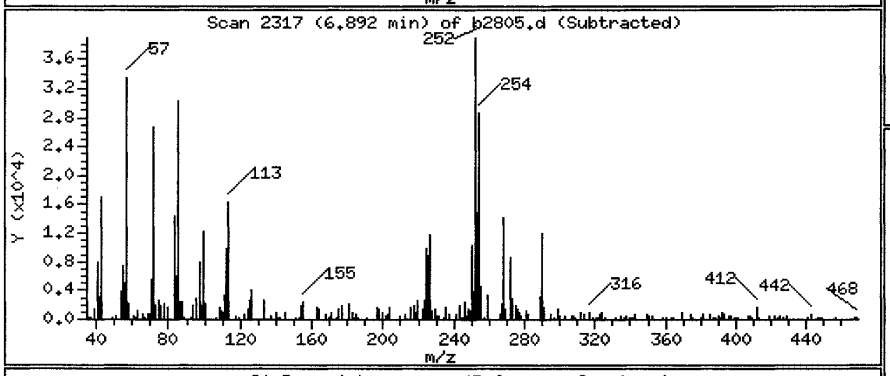
Sample Info: 20607200602*4482*

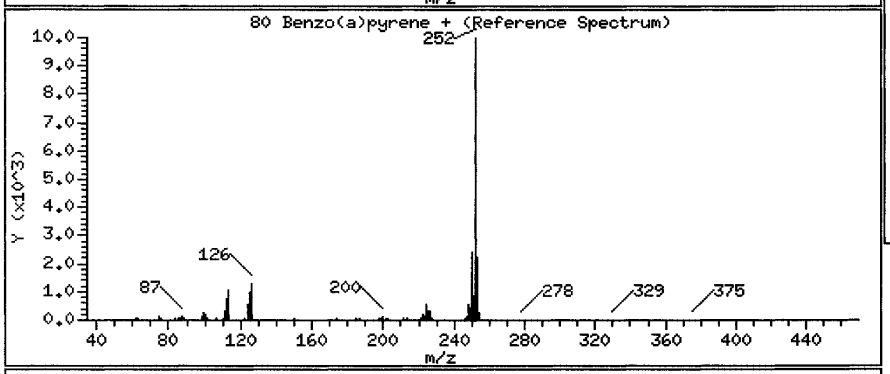
Volume Injected (uL): 1.0 Operator: rrr

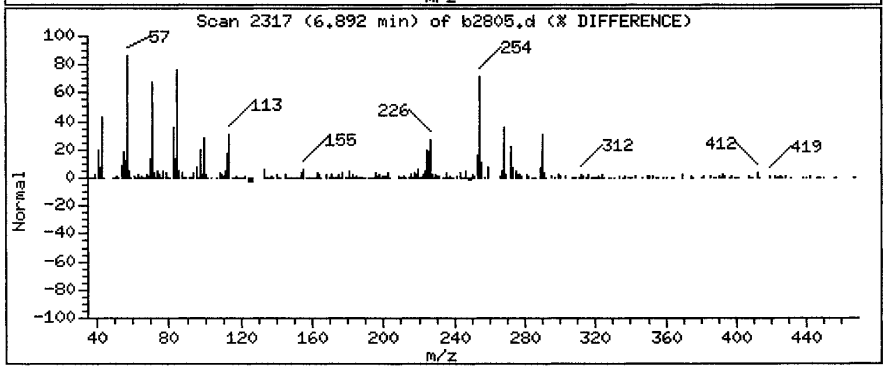
Column phase: RTX-5MS-30M Column diameter: 0.25

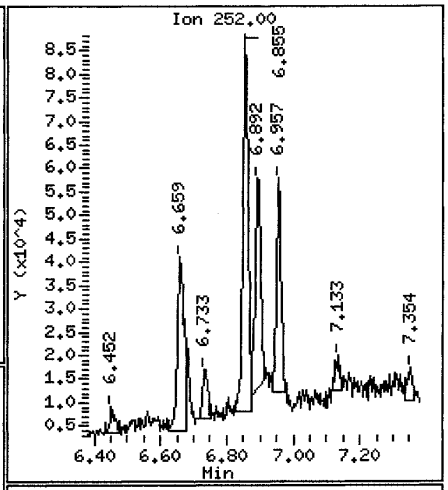
80 Benzo(a)pyrene + Concentration: 729 ug/Kg

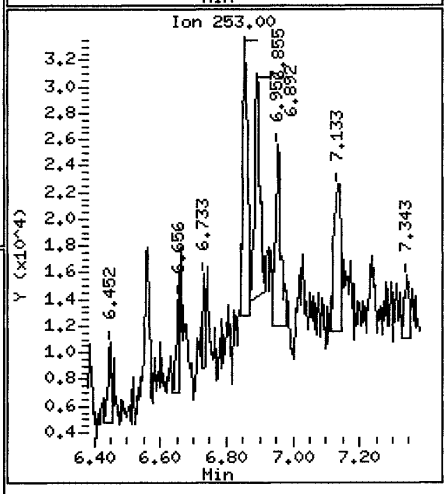












000818

188790

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

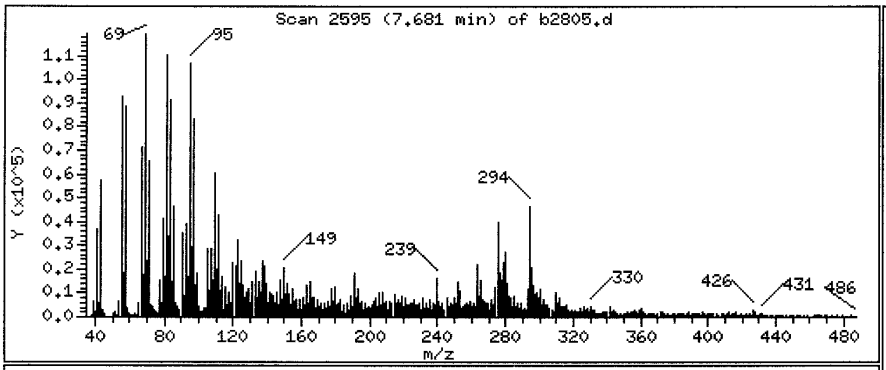
Client ID: 20607200602 Instrument: MSSV3.i

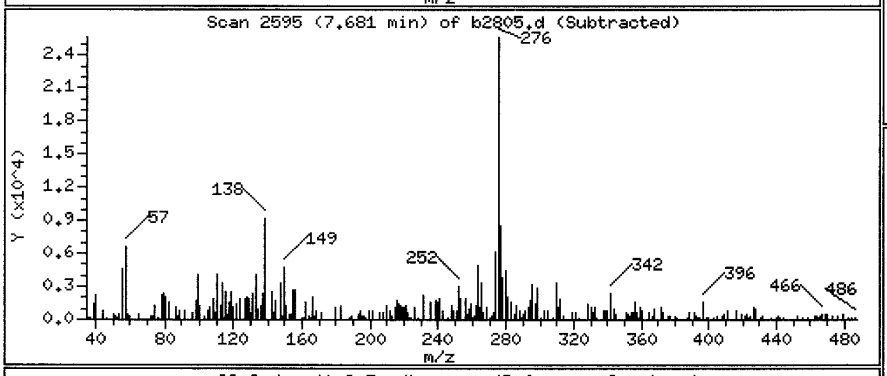
Sample Info: 20607200602*4482*

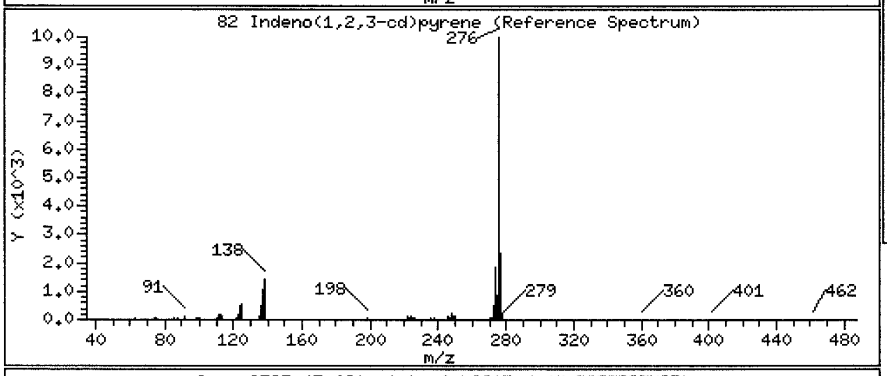
Volume Injected (uL): 1.0 Operator: rrr

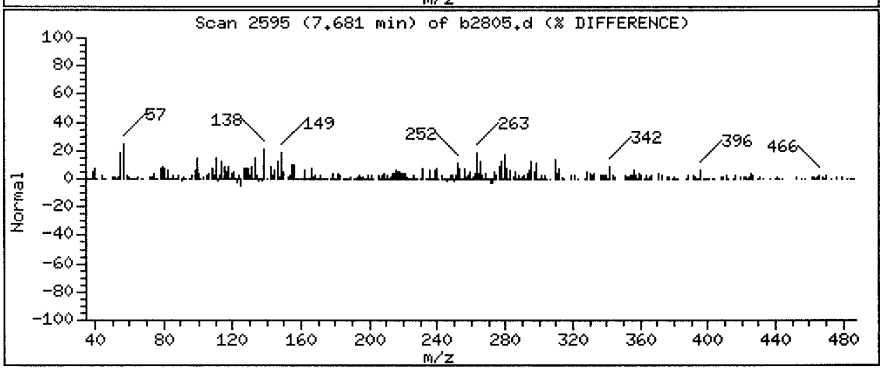
Column phase: RTX-5MS-30M Column diameter: 0.25

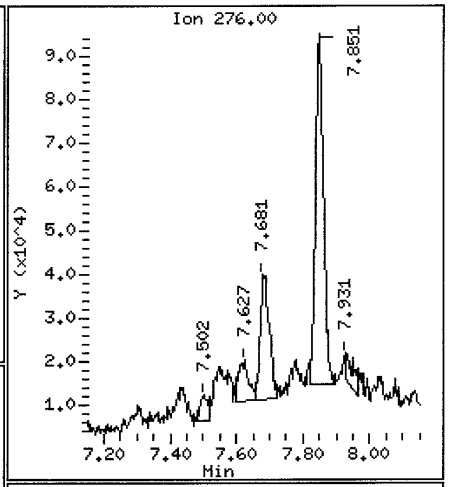
82 Indeno(1,2,3-cd)pyrene Concentration: 1300 ug/Kg

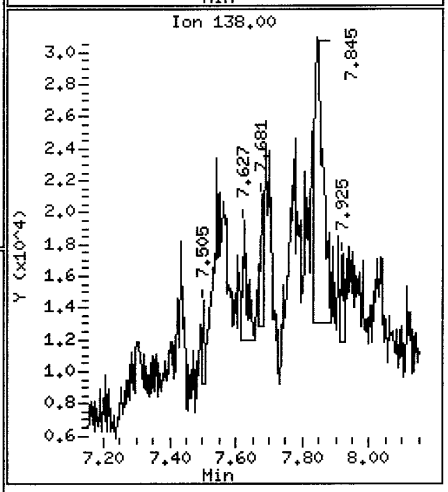












188791

Data File: /var/chem/MSSV3.i/2060723.s.b/b2805.d

Date : 23-JUL-2006 14:48

Client ID: 20607200602

Instrument: MSSV3.i

Sample Info: 20607200602*4482*

Volume Injected (uL): 1.0

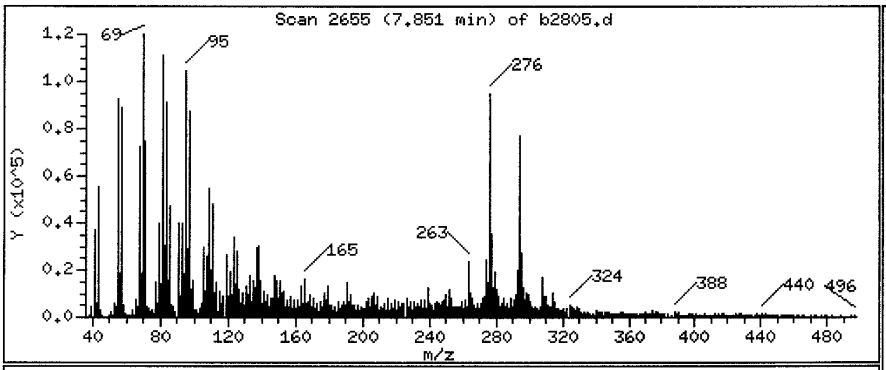
Operator: rrr

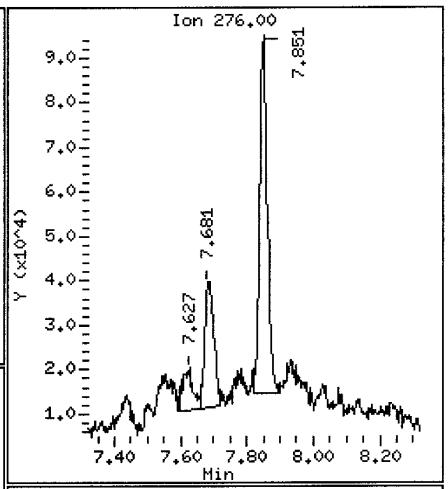
Column phase: RTX-5MS-30M

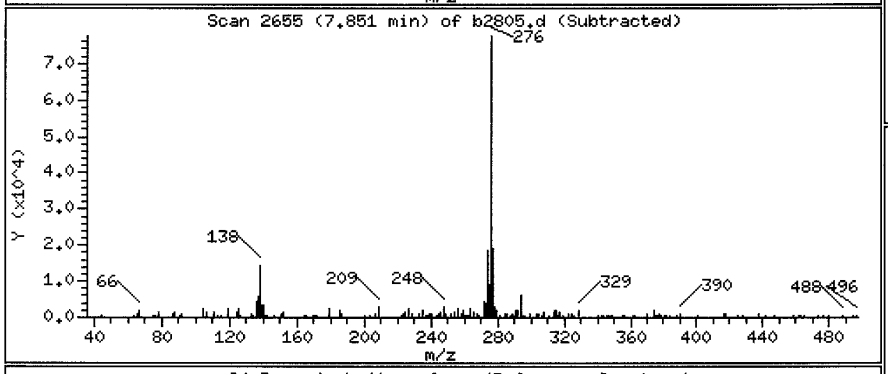
Column diameter: 0.25

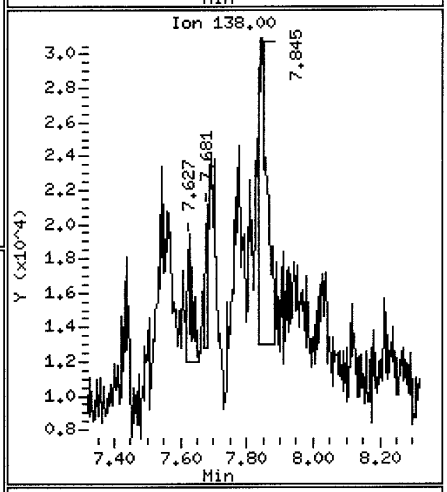
84 Benzo(g,h,i)perylene

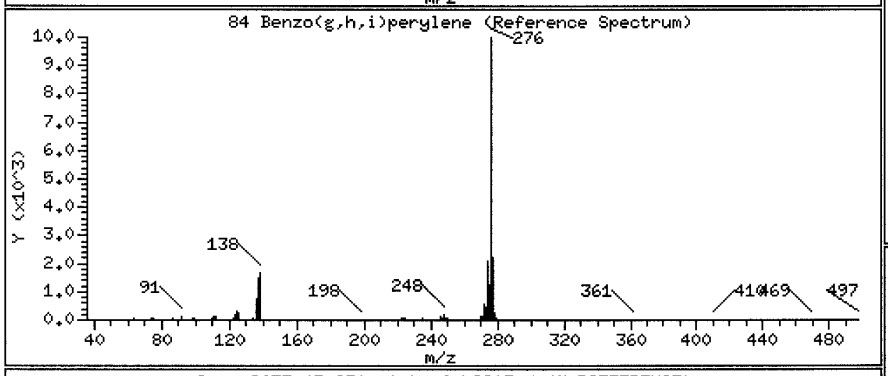
Concentration: 1410 ug/Kg

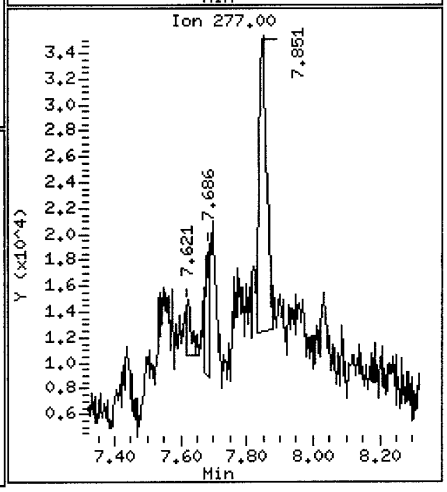


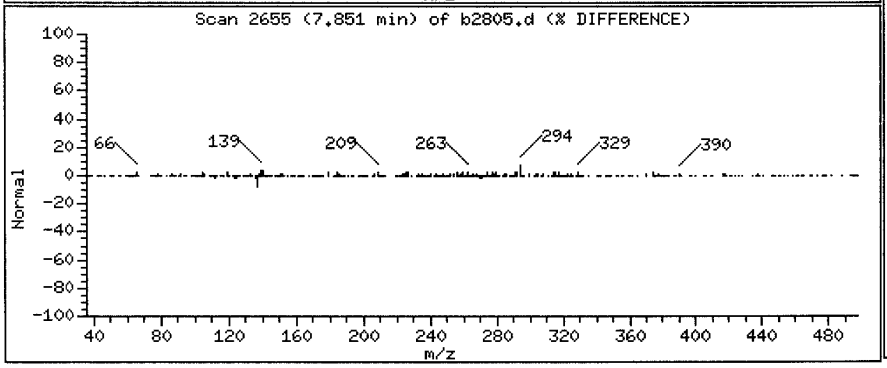












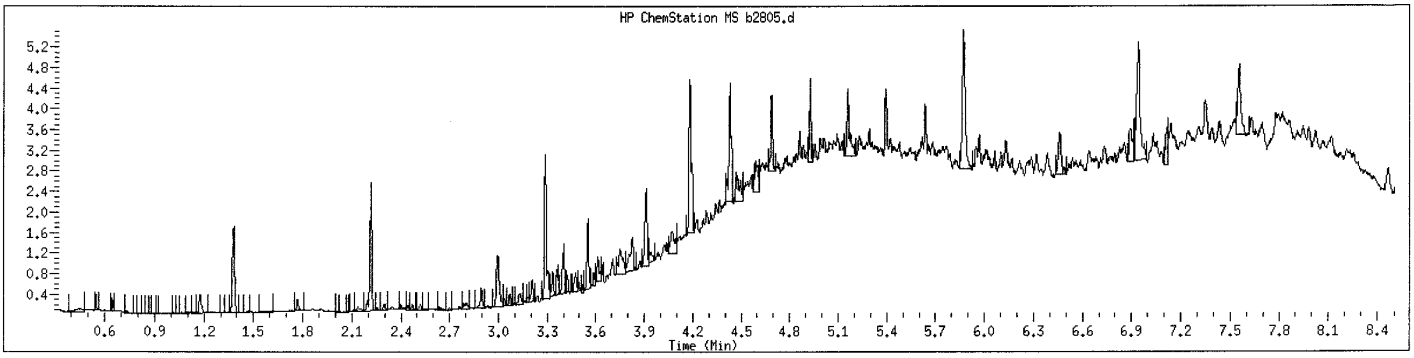
000820

188792

Data file : /var/chem/MSSV3.i/2060723.s.b/b2805.d Page: 1
Report Date: 07/27/2006 21:00

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200602	SampleType	: SAMPLE
Injection Date	: 23-JUL-2006 14:48	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 20607200602*4482*		
Misc Info	: 20607200602*MSSV~3839~*072006*30.4-1X10*32841		
Method	: /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m		
Dilution	: 10.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

188793

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.1 Units: g

Level: (low/med) LOW

% Moisture: 10.8 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SI5SB74-147-(0-0.5)

Contract:

Lab File ID: 2060722/B2689

Lab Sample ID: 20607200605

Date Collected: 07/18/06 Time: 1730

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2301

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	369	U	8.00	369
95-95-4	2,4,5-Trichlorophenol	369	U	7.50	369
88-06-2	2,4,6-Trichlorophenol	369	U	16.6	369
120-83-2	2,4-Dichlorophenol	369	U	9.62	369
51-28-5	2,4-Dinitrophenol	1870	U	63.2	1870
121-14-2	2,4-Dinitrotoluene	369	U	16.6	369
606-20-2	2,6-Dinitrotoluene	369	U	8.94	369
91-58-7	2-Chloronaphthalene	369	U	9.97	369
95-57-8	2-Chlorophenol	369	U	5.90	369
91-57-6	2-Methylnaphthalene	73.7	U	10.4	73.7
88-74-4	2-Nitroaniline	1870	U	24.2	1870
88-75-5	2-Nitrophenol	369	U	14.7	369
91-94-1	3,3'-Dichlorobenzidine	737	U	46.3	737
99-09-2	3-Nitroaniline	1870	U	10.2	1870
534-52-1	2-Methyl-4,6-dinitrophenol	1870	U	19.3	1870
59-50-7	4-Chloro-3-methylphenol	369	U	14.8	369
106-47-8	4-Chloroaniline	369	U	32.5	369
7005-72-3	4-Chlorophenyl-phenylether	369	U	9.81	369
83-32-9	Acenaphthene	73.7	U	9.62	73.7
208-96-8	Acenaphthylene	73.7	U	10.9	73.7
98-86-2	Acetophenone	369	U	7.93	369
62-53-3	Aniline	369	U	7.15	369
120-12-7	Anthracene	11.2	J	10.6	73.7
1912-24-9	Atrazine (Aatrex)	737	U	18.9	737
100-52-7	Benzaldehyde	737	U	28.2	737
92-87-5	Benzidine	1470	U	49.8	1470
56-55-3	Benzo(a)anthracene	28.6	J	9.84	73.7
50-32-8	Benzo(a)pyrene	25.7	J	9.77	73.7
205-99-2	Benzo(b)fluoranthene	58.7	J	6.83	369

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30.1 Units: g
Level: (low/med) LOW
% Moisture: 10.8 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SI5SB74-147-(0-0.5)
Contract:
Lab File ID: 2060722/B2689
Lab Sample ID: 20607200605
Date Collected: 07/18/06 Time: 1730
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/22/06 Time: 2301
Dilution Factor: 1 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	369	U	9.78	369
207-08-9	Benzo(k)fluoranthene	22.1	J	15.1	369
65-85-0	Benzoic acid	1870	U	172	1870
100-51-6	Benzyl alcohol	369	U	10.9	369
92-52-4	Biphenyl	369	U	10.8	369
111-91-1	Bis(2-Chloroethoxy)methane	369	U	12.7	369
111-44-4	Bis(2-Chloroethyl)ether	369	U	11.5	369
108-60-1	bis(2-Chloroisopropyl)ether	369	U	14.3	369
117-81-7	bis(2-ethylhexyl)phthalate	119	B	9.94	73.7
101-55-3	4-Bromophenyl-phenylether	369	U	9.00	369
85-68-7	Butylbenzylphthalate	23.8	J	12.1	369
105-60-2	Caprolactam	369	U	76.4	369
86-74-8	Carbazole	369	U	9.53	369
218-01-9	Chrysene	32.7	J	8.63	369
84-74-2	Di-n-butylphthalate	369	U	27.6	369
117-84-0	Di-n-octylphthalate	369	U	8.03	369
53-70-3	Dibenz(a,h)anthracene	73.7	U	9.32	73.7
132-64-9	Dibenzofuran	369	U	13.7	369
84-66-2	Diethylphthalate	369	U	16.4	369
131-11-3	Dimethyl-phthalate	369	U	12.2	369
105-67-9	2,4-Dimethylphenol	369	U	25.0	369
206-44-0	Fluoranthene	68.5	J	10.9	369
86-73-7	Fluorene	73.7	U	9.48	73.7
118-74-1	Hexachlorobenzene	369	U	11.9	369
77-47-4	Hexachlorocyclopentadiene	369	U	8.00	369
67-72-1	Hexachloroethane	369	U	15.5	369
193-39-5	Indeno(1,2,3-cd)pyrene	80.2	J	15.7	369
78-59-1	Isophorone	369	U	9.40	369
100-01-6	4-Nitroaniline	1870	U	26.7	1870

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.1 Units: g

Level: (low/med) LOW

% Moisture: 10.8 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/kg*

Sample ID: SI5SB74-147-(0-0.5)

Contract:

Lab File ID: 2060722/B2689

Lab Sample ID: 20607200605

Date Collected: 07/18/06 Time: 1730

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2301

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	369	U	13.8	369
100-02-7	4-Nitrophenol	1870	U	48.5	1870
87-86-5	Pentachlorophenol	1870	U	96.0	1870
85-01-8	Phenanthrene	51.6	J	12.0	73.7
108-95-2	Phenol	369	U	12.0	369
129-00-0	Pyrene	35.8	J	11.6	369
110-86-1	Pyridine	369	U	22.2	369
1319-77-3M	m,p-Cresol	369	U	13.7	369
621-64-7	N-Nitroso-di-n-propylamine	73.7	U	9.97	73.7
62-75-9	N-Nitrosodimethylamine	369	U	48.1	369
86-30-6	N-Nitrosodiphenylamine	369	U	11.0	369
95-48-7	o-Cresol	369	U	15.0	369

FORM I SV-1

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2689.d
Lab Smp Id: 20607200605 Client Smp ID: 20607200605
Inj Date : 22-JUL-2006 23:01
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200605*4482*
Misc Info : 20607200605*MSSV~3839~*072006*30.1-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 37
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.10000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.653	0.648	(0.471)	355178	104.474	3470
$ 4 Phenol-d5	99	1.181	1.181	(0.851)	1279753	74.8488	2490
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	229452	40.0000	
$ 19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	765051	40.2285	1340
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	774731	40.0000	
$ 37 2-Fluorobiphenyl	172	2.899	2.901	(0.882)	530287	41.7202	1390
* 44 Acenaphthene-d10	164	3.287	3.293	(1.000)	370848	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.770	3.775	(1.147)	117573	63.2433	2100
* 61 Phenanthrene-d10	188	4.181	4.184	(1.000)	472783	40.0000	
62 Phenanthrene	178	4.196	4.198	(1.003)	20852	1.38546	46.0
63 Anthracene	178	4.224	4.230	(1.010)	4496	0.30241	10.0

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
67 Fluoranthene +	202	4.911	4.914	(1.174)	26481	1.83810	61.1
69 Pyrene	202	5.044	5.047	(0.860)	21375	0.96041	31.9
$ 70 Terphenyl-d14	244	5.172	5.172	(0.882)	409804	26.6383	885
71 Butylbenzylphthalate	149	5.521	5.521	(0.941)	5540	0.63922	21.2
72 Benzo(a)anthracene	228	5.856	5.859	(0.999)	16593	0.76859	25.5
* 74 Chrysene-d12	240	5.864	5.867	(1.000)	663177	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.961	5.961	(1.016)	29430	3.18775	106
75 Chrysene	228	5.879	5.887	(1.002)	19910	0.87919	29.2
78 Benzo(b)fluoranthene	252	6.642	6.648	(0.959)	13553	1.57761	52.4(M)
79 Benzo(k)fluoranthene	252	6.648	6.670	(0.960)	29116	0.59186	19.7(M)
80 Benzo(a)pyrene +	252	6.875	6.880	(0.993)	13993	0.68807	22.9
* 81 Perylene-d12	264	6.926	6.920	(1.000)	772362	40.0000	
82 Indeno(1,2,3-cd)pyrene	276	7.647	7.650	(1.304)	8170	2.15157	71.5

QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Page 1

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

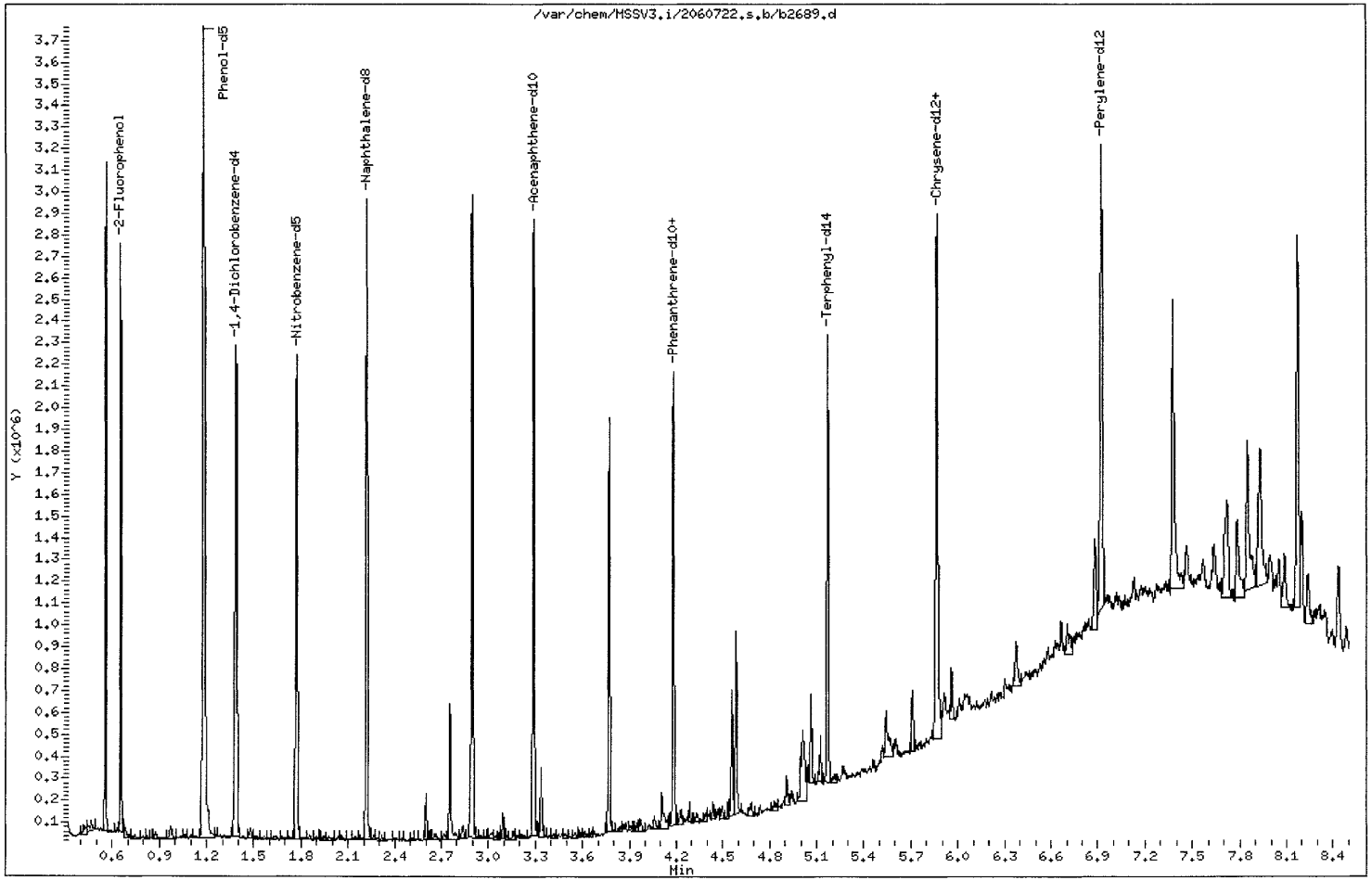
Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25



000827

188799

Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

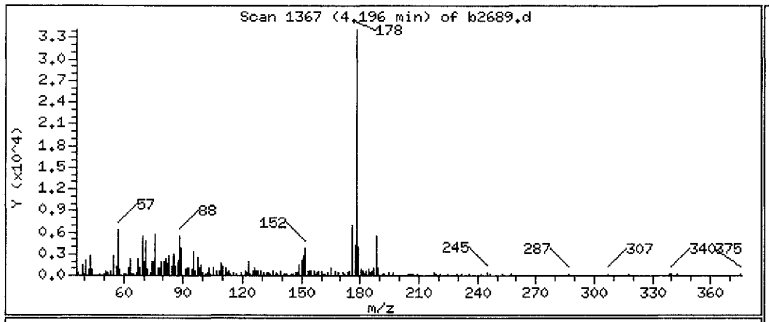
Operator: rrr

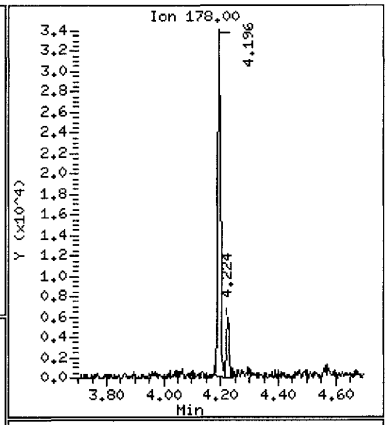
Column phase: RTX-5MS-30M

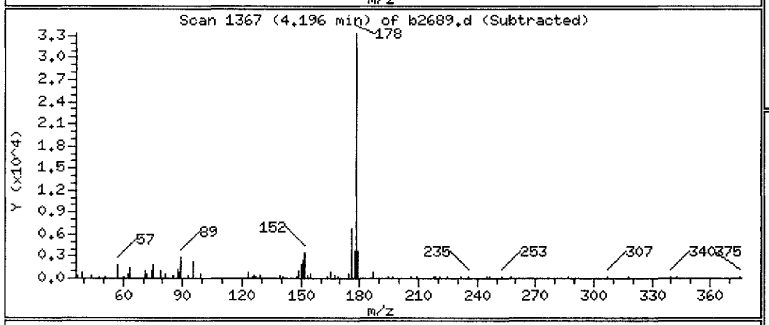
Column diameter: 0.25

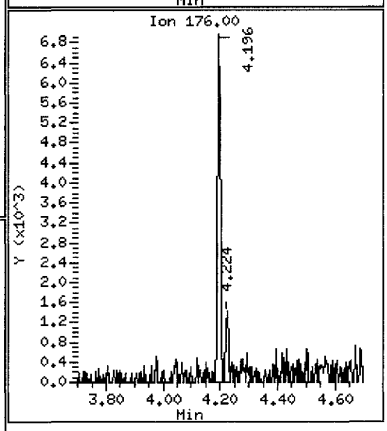
62 Phenanthrene

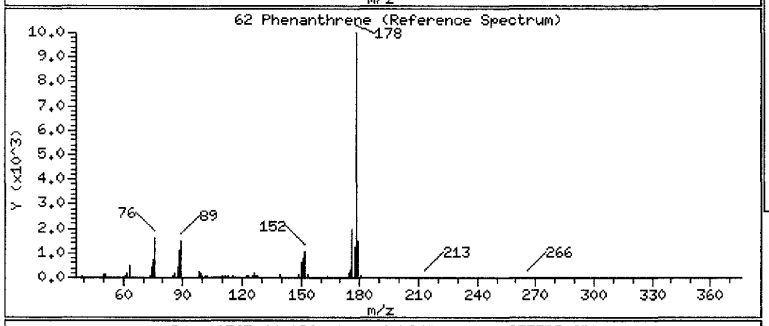
Concentration: 46.0 ug/Kg

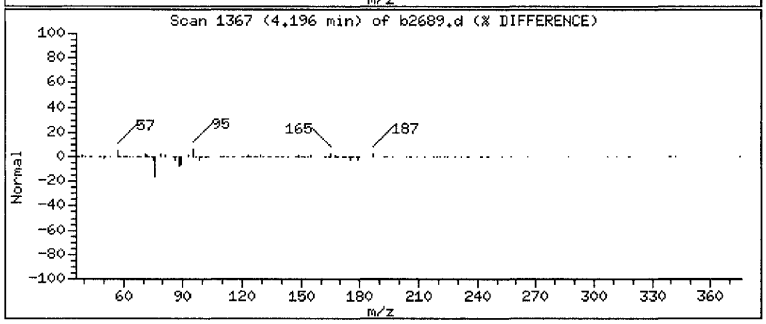












Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

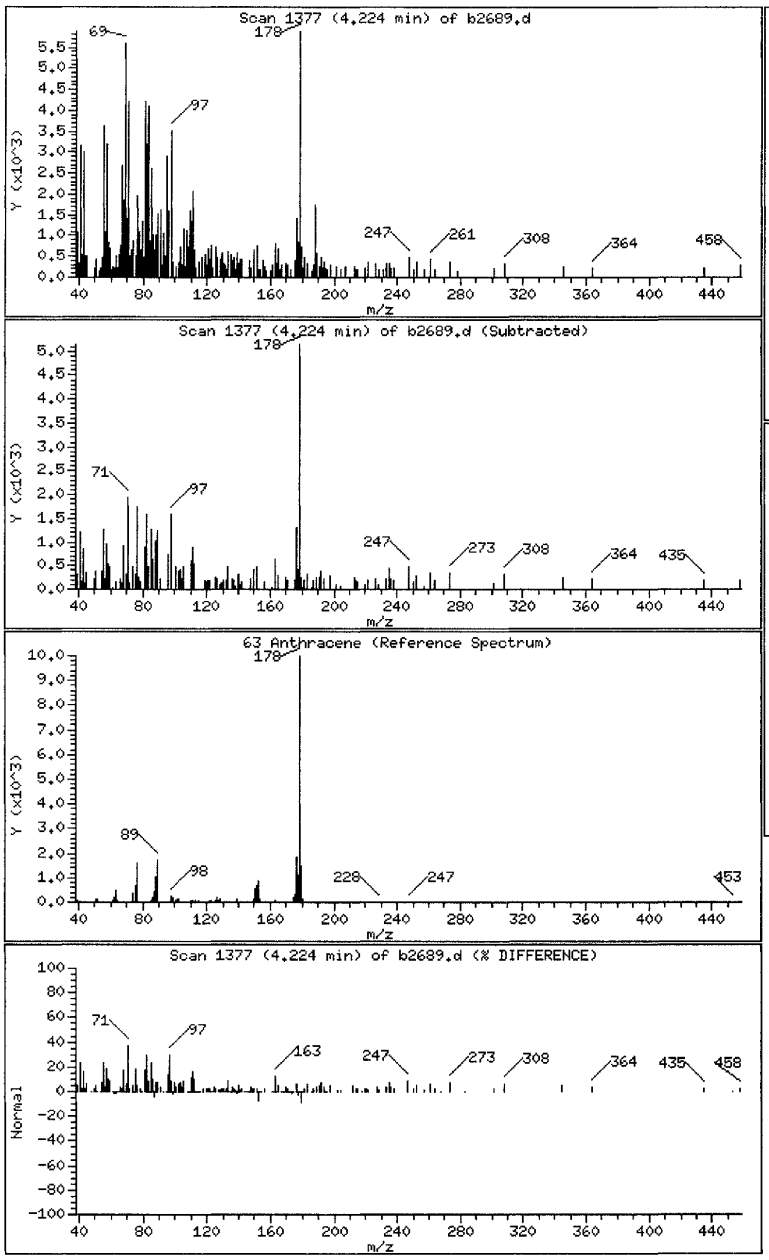
Operator: rrr

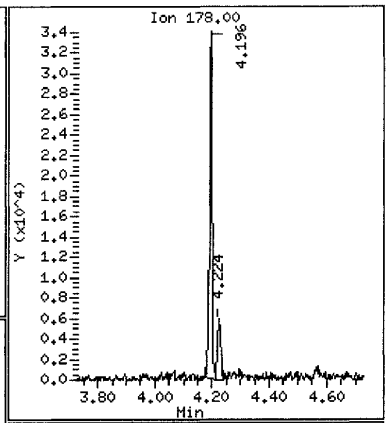
Column phase: RTX-5MS-30M

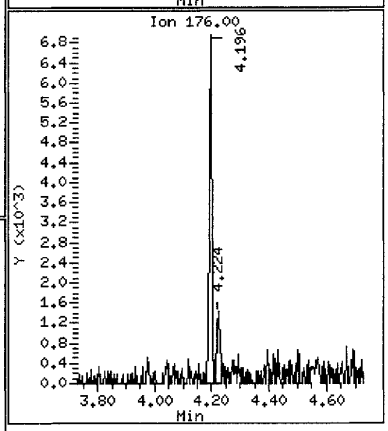
Column diameter: 0.25

63 Anthracene

Concentration: 10.0 ug/Kg







Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

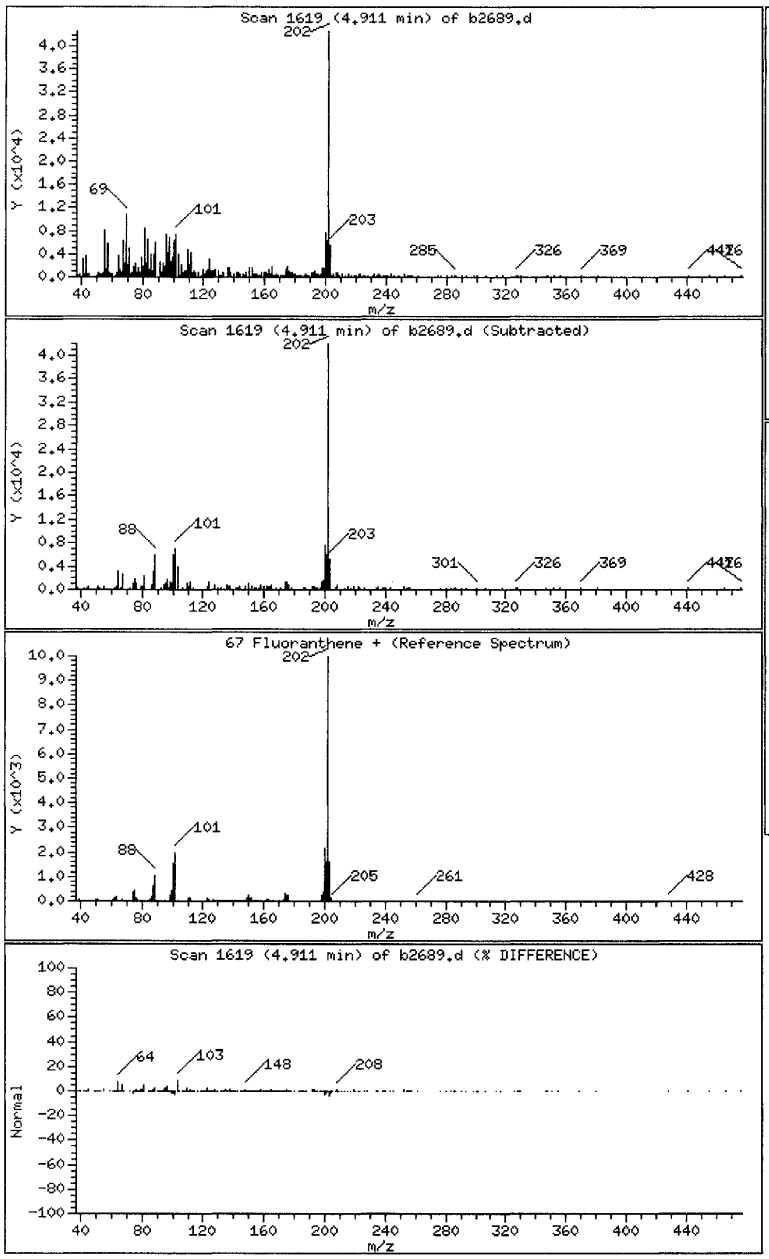
Operator: rrr

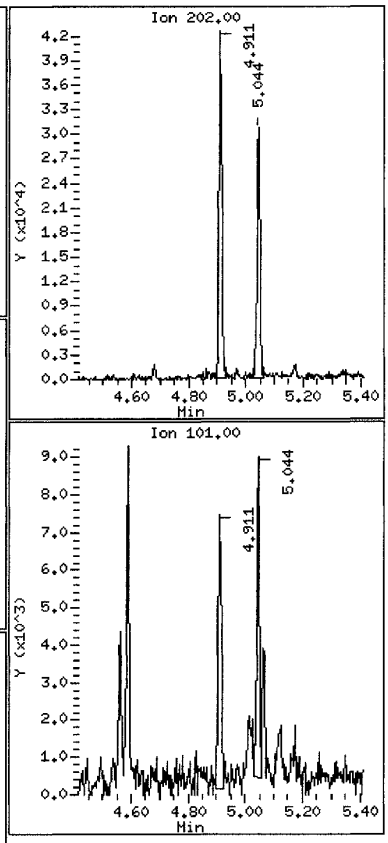
Column phase: RTX-5MS-30M

Column diameter: 0.25

67 Fluoranthene +

Concentration: 61.1 ug/Kg





Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

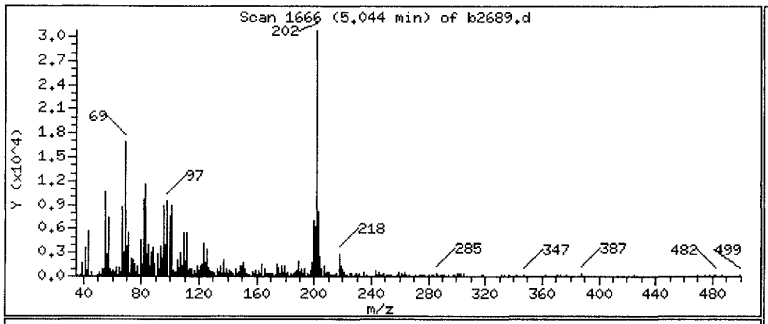
Operator: rrr

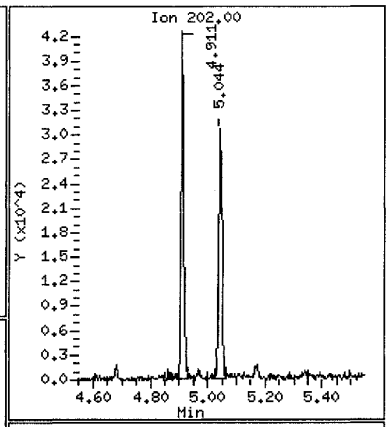
Column phase: RTX-5MS-30M

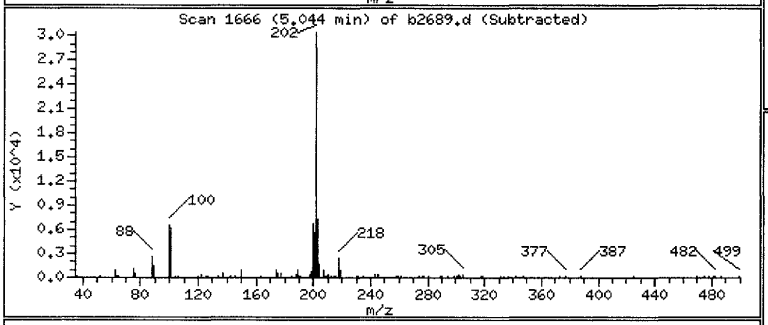
Column diameter: 0.25

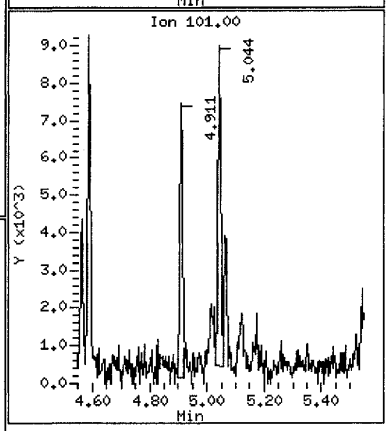
69 Pyrene

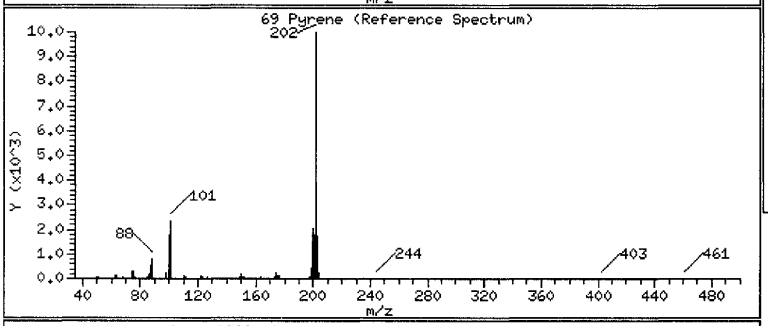
Concentration: 31.9 ug/Kg

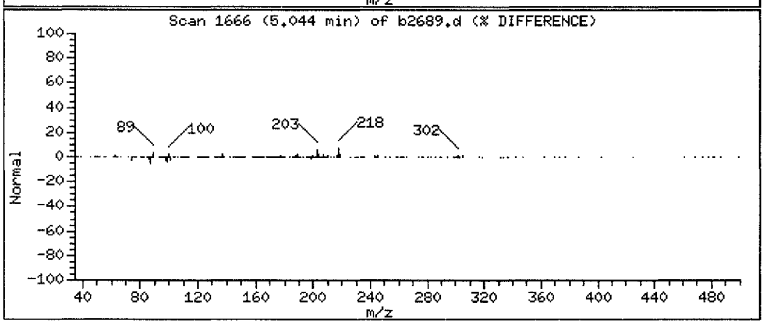












Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

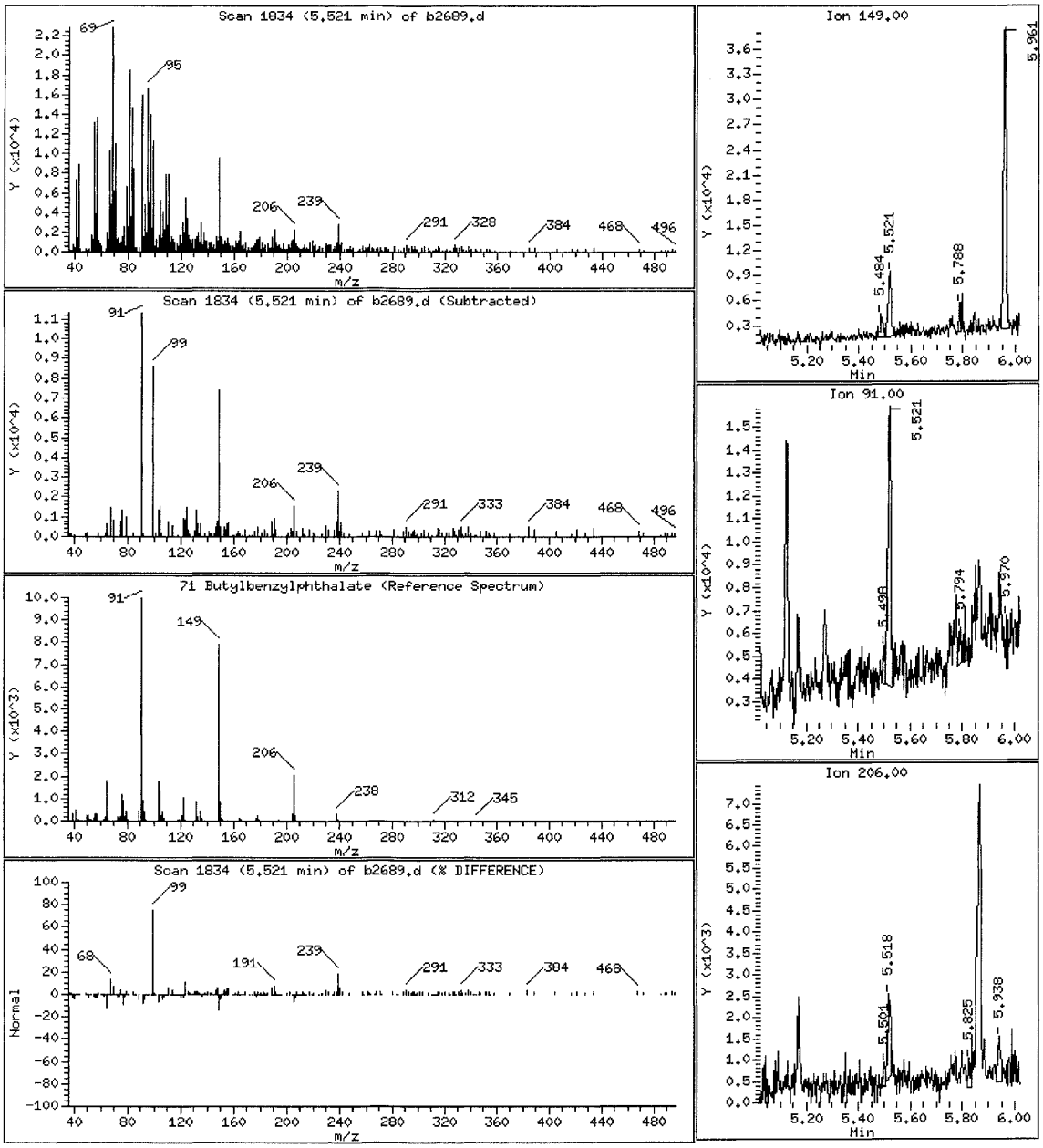
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

71 Butylbenzylphthalate

Concentration: 21.2 ug/Kg



188804

Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

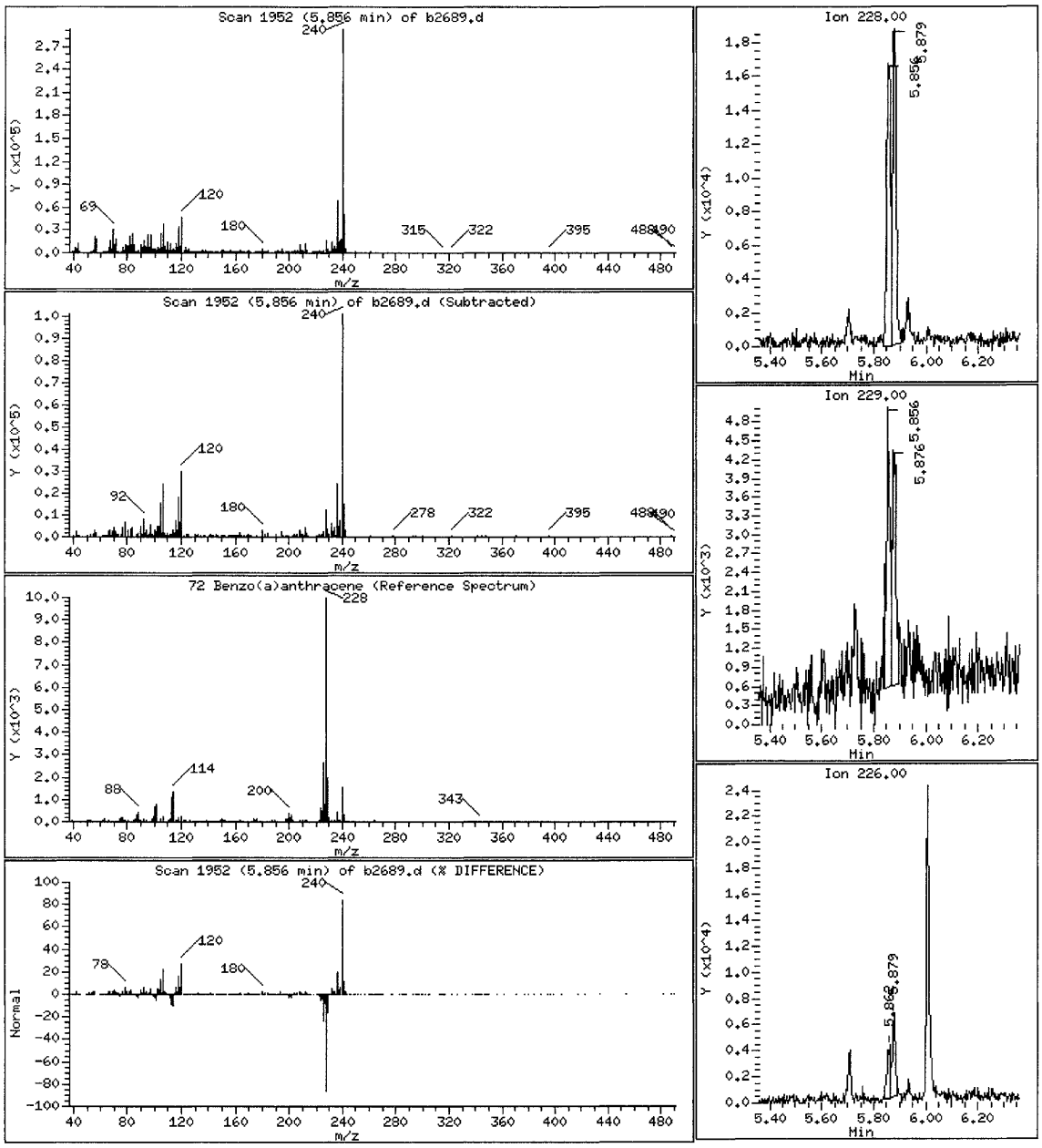
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

72 Benzo(a)anthracene

Concentration: 25.5 ug/Kg



188805

Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

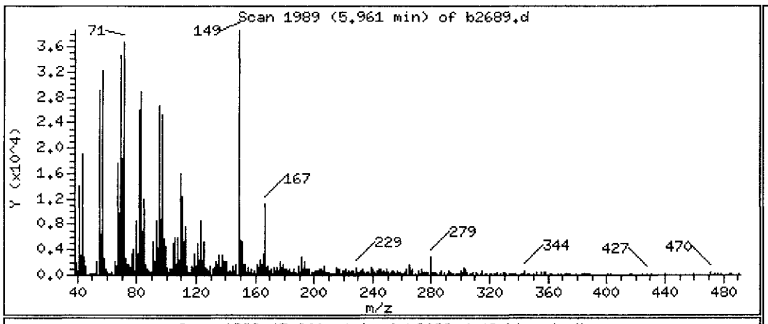
Client ID: 20607200605 | Instrument: MSSV3.i

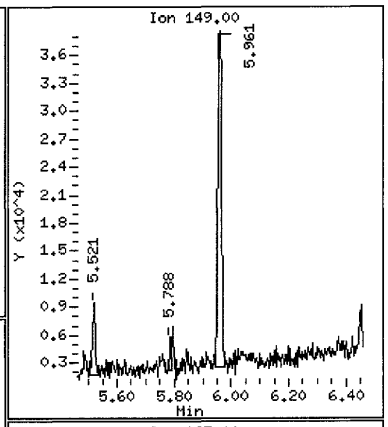
Sample Info: 20607200605*4482*

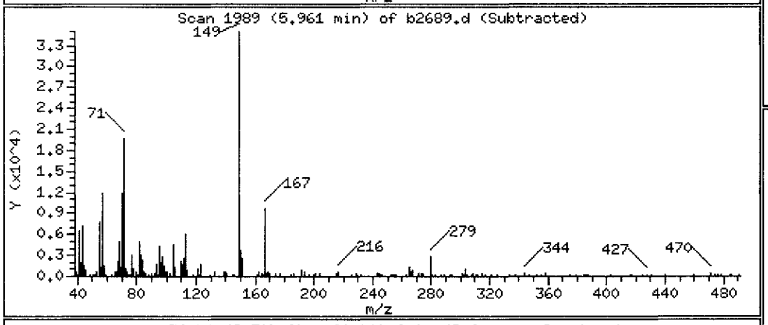
Volume Injected (uL): 1.0 | Operator: rrr

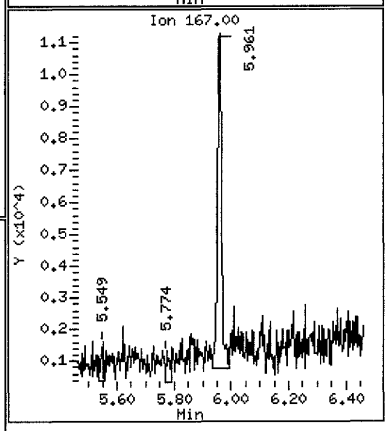
Column phase: RTX-5MS-30M | Column diameter: 0.25

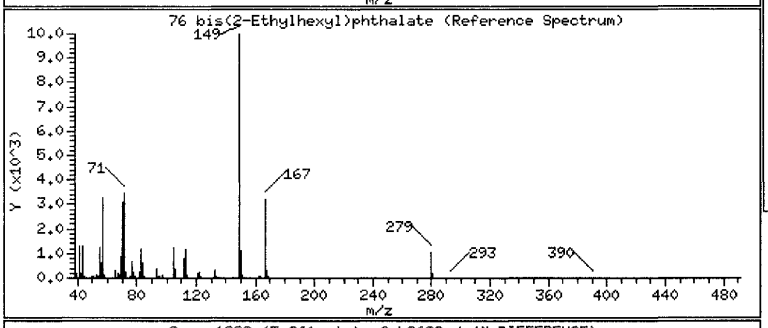
76 bis(2-Ethylhexyl)phthalate | Concentration: 106 ug/Kg

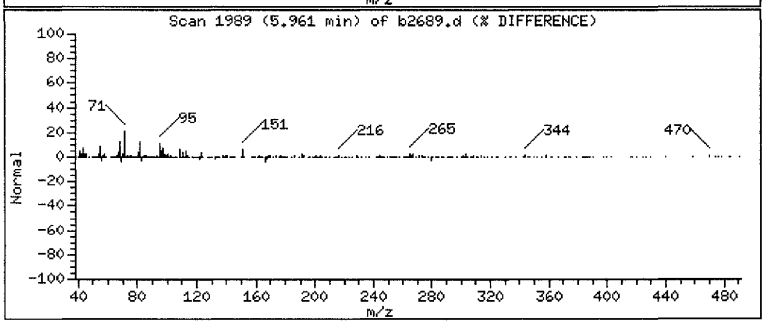












Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

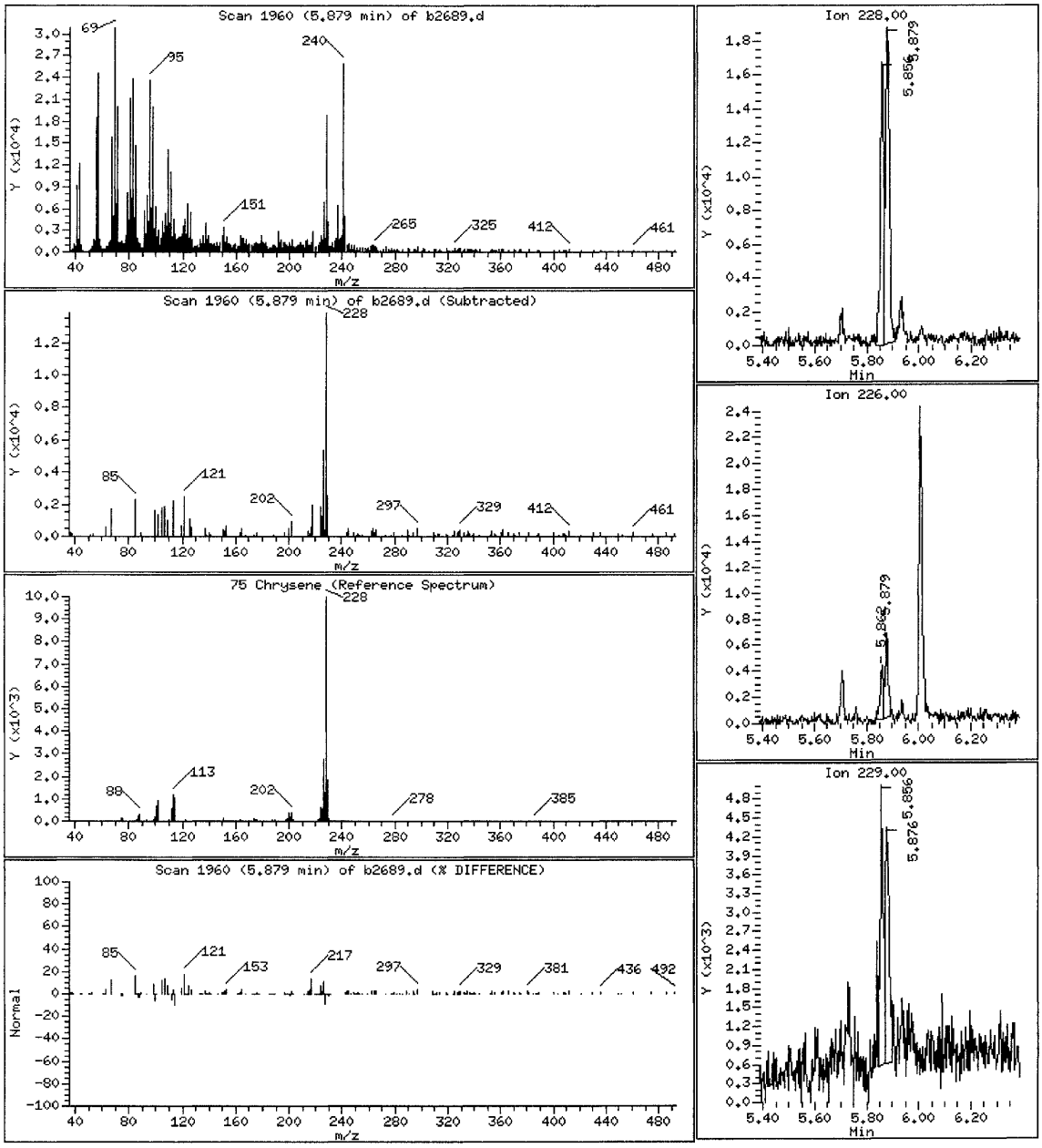
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

75 Chrysene

Concentration: 29.2 ug/Kg



Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

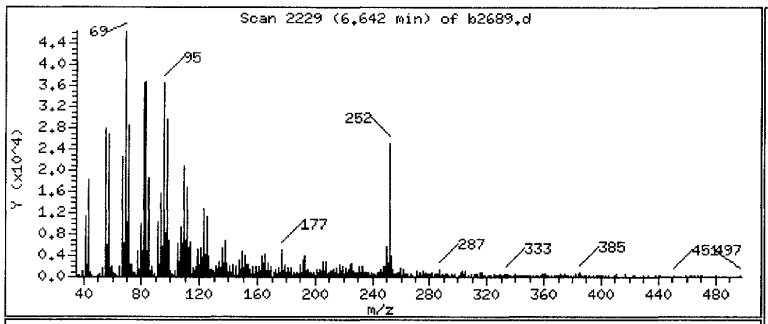
Operator: rrr

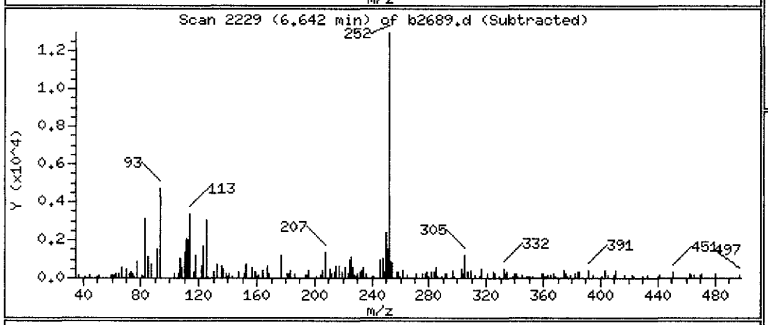
Column phase: RTX-5MS-30M

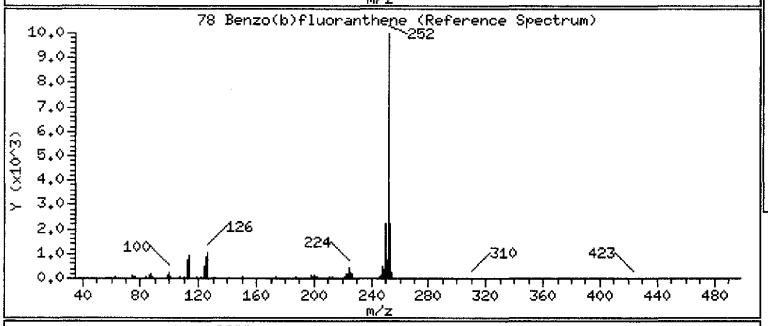
Column diameter: 0.25

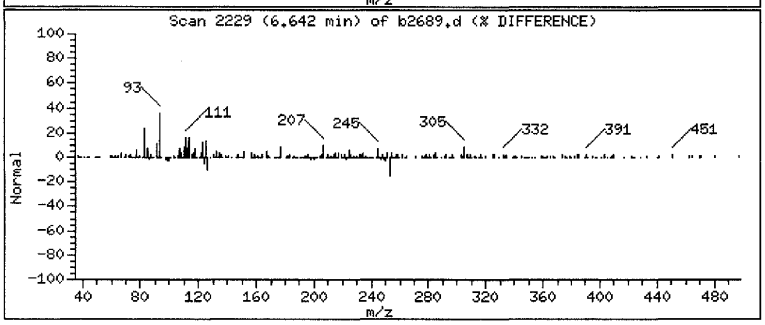
78 Benzo(b)fluoranthene

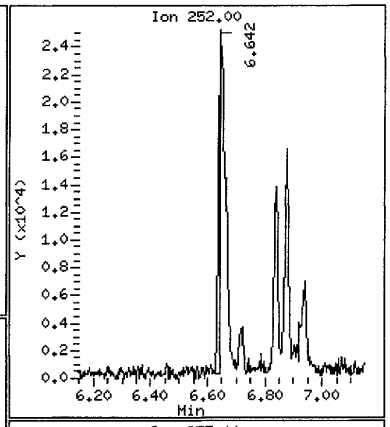
Concentration: 52.4 ug/Kg

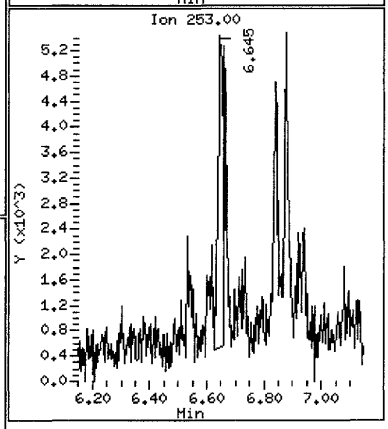












Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

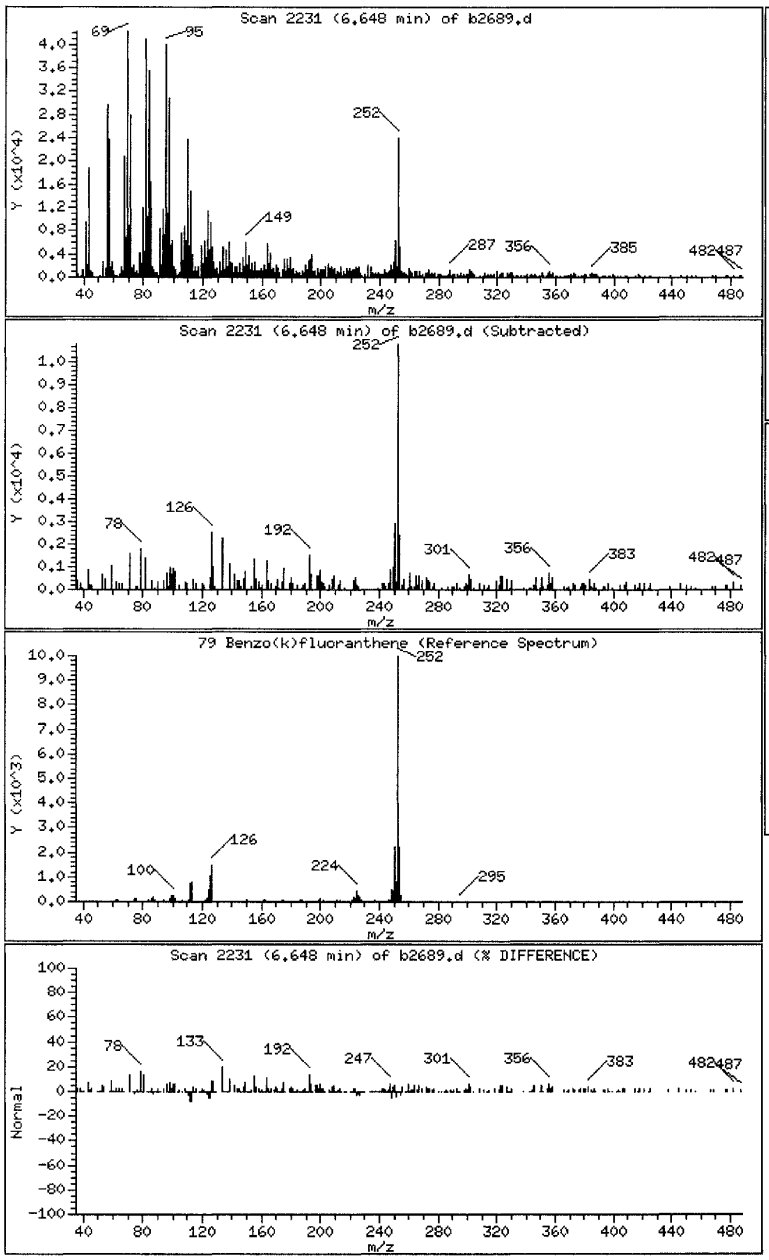
Operator: rrr

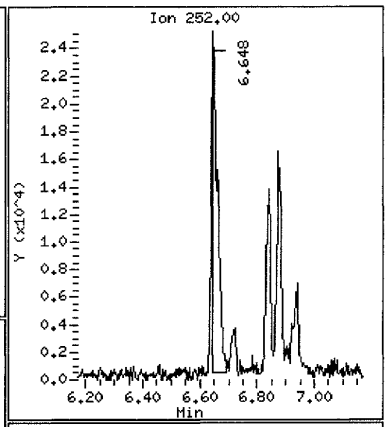
Column phase: RTX-5MS-30M

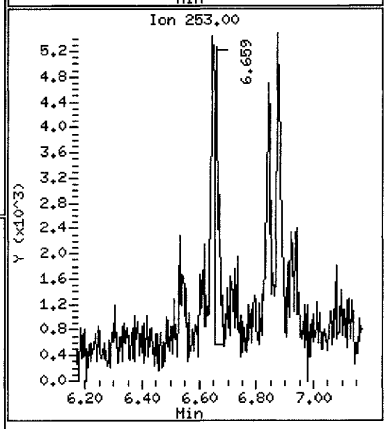
Column diameter: 0.25

79 Benzo(k)fluoranthene

Concentration: 19.7 ug/Kg







Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

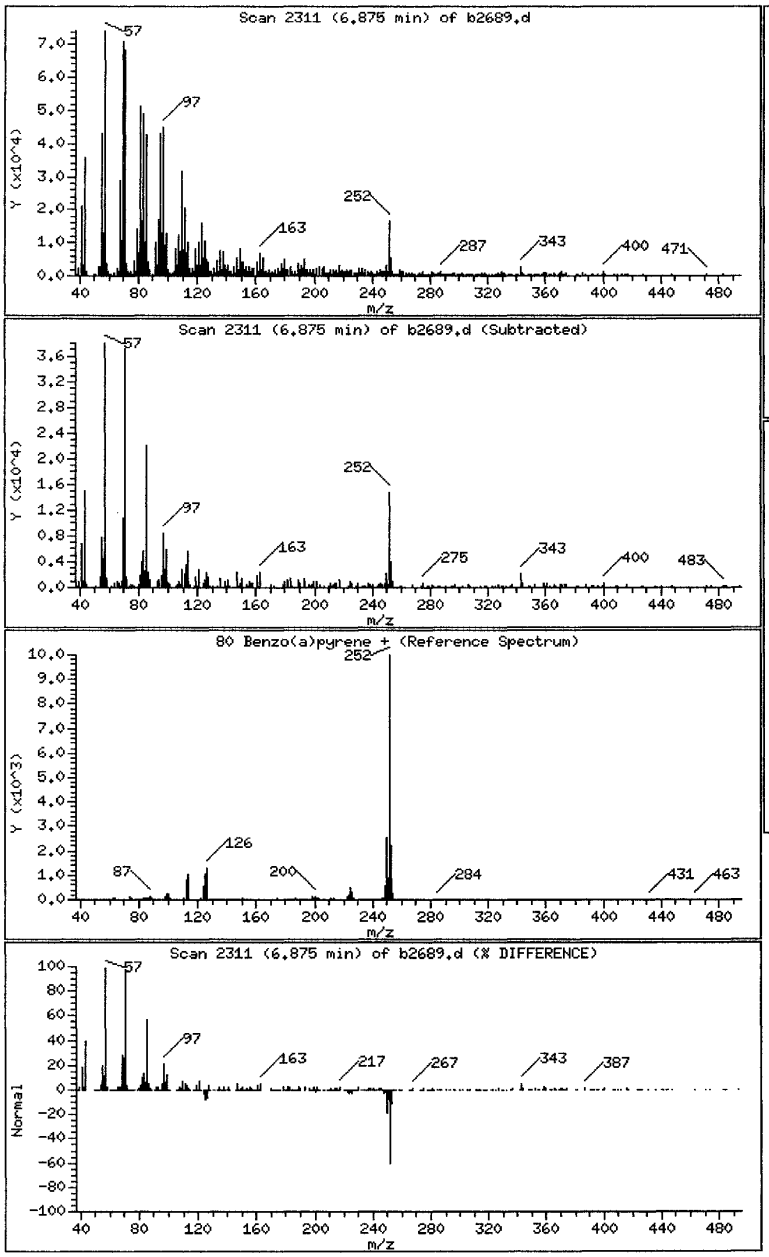
Operator: rrr

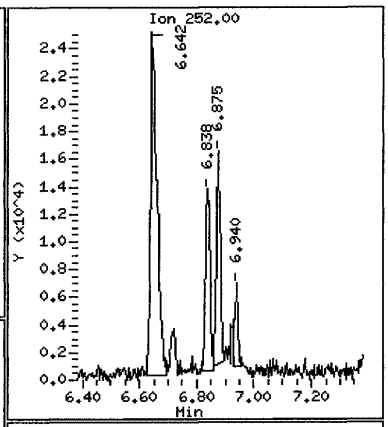
Column phase: RTX-5MS-30M

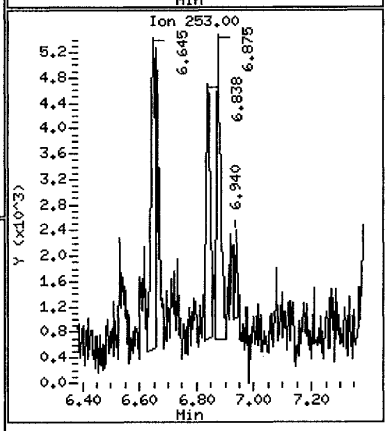
Column diameter: 0.25

80 Benzo(a)pyrene +

Concentration: 22.9 ug/Kg







Data File: /var/chem/MSSV3.i/2060722.s.b/b2689.d

Date : 22-JUL-2006 23:01

Client ID: 20607200605

Instrument: MSSV3.i

Sample Info: 20607200605*4482*

Volume Injected (uL): 1.0

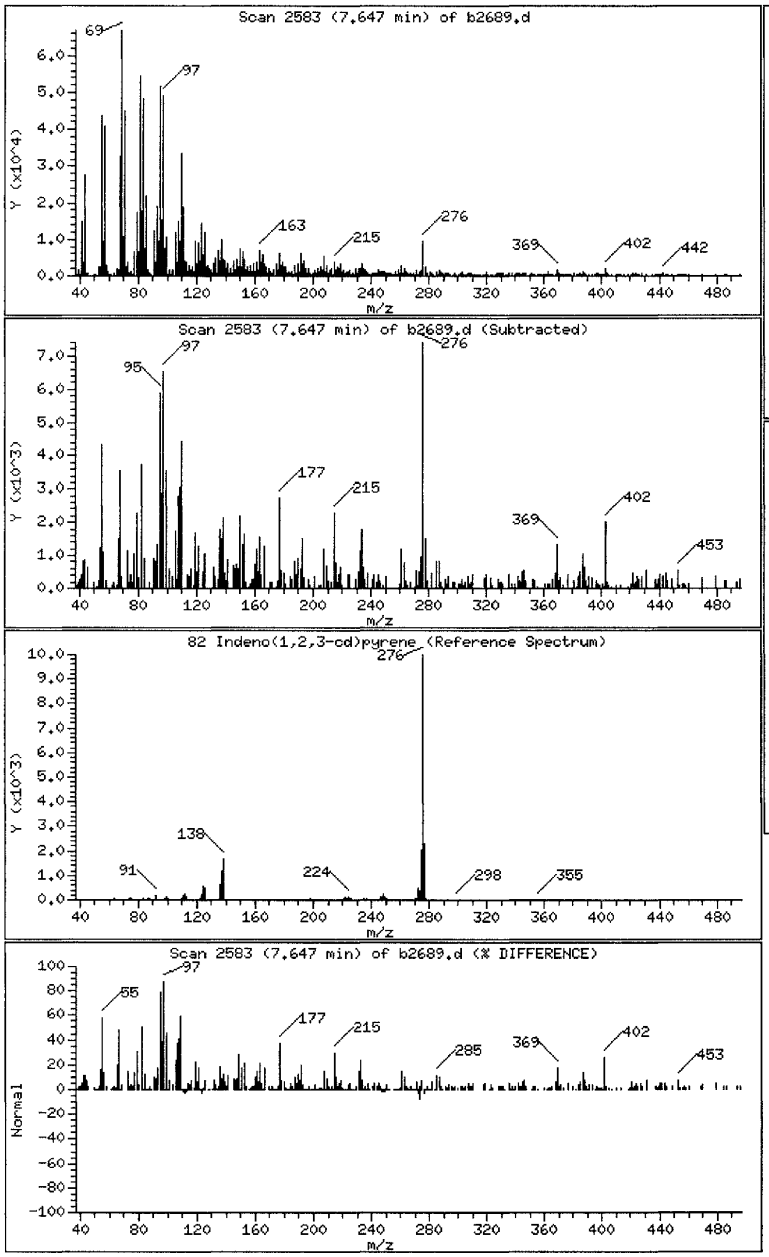
Operator: rrr

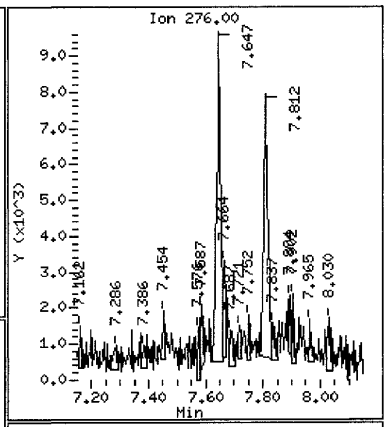
Column phase: RTX-5MS-30M

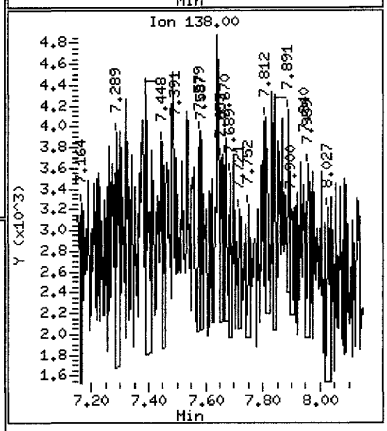
Column diameter: 0.25

82 Indeno(1,2,3-cd)pyrene

Concentration: 71.5 ug/Kg



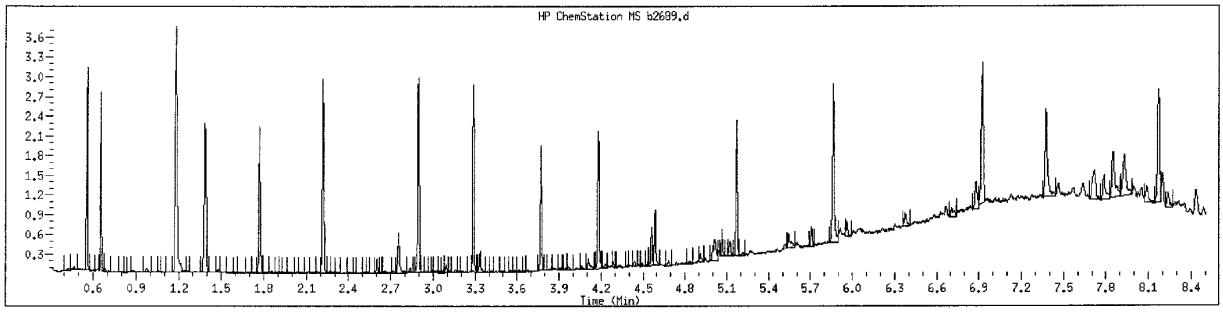




Data file : /var/chem/MSSV3.i/2060722.s.b/b2689.d Page: 1
Report Date: 07/23/2006 11:04

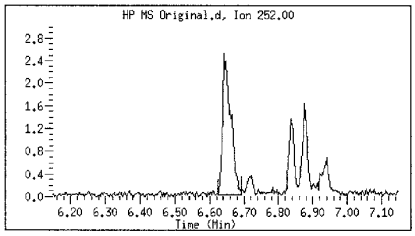
MANUAL INTEGRATION GRAPHIC REPORT

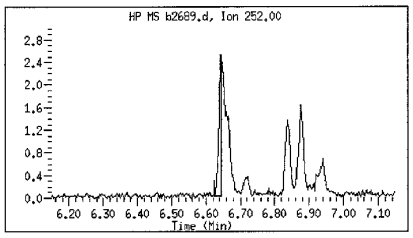
Lab ID : 20607200605 SampleType : SAMPLE
Injection Date: 22-JUL-2006 23:01 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200605*4482*
Misc Info : 20607200605*MSSV~3839~*072006*30.1-1*328412*
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



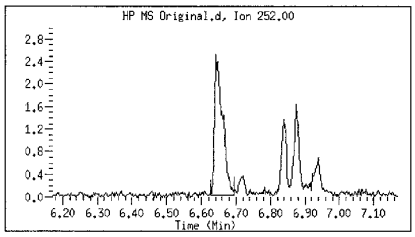
Original Final

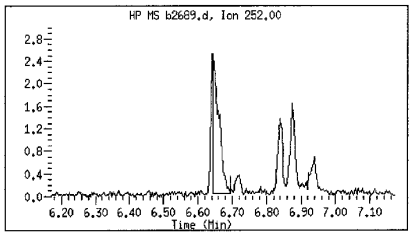
78 Benzo(b)fluoranthene CAS#: 205-99-2





79 Benzo(k)fluoranthene CAS#: 207-08-9





188812

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.2 Units: g

Level: (low/med) LOW

% Moisture: 13.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SI5SB74-148-(1-2)

Contract:

Lab File ID: 2060722/B2690

Lab Sample ID: 20607200606

Date Collected: 07/18/06 Time: 1735

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2316

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	378	U	8.20	378
95-95-4	2,4,5-Trichlorophenol	378	U	7.69	378
88-06-2	2,4,6-Trichlorophenol	378	U	17.0	378
120-83-2	2,4-Dichlorophenol	378	U	9.86	378
51-28-5	2,4-Dinitrophenol	1910	U	64.7	1910
121-14-2	2,4-Dinitrotoluene	378	U	17.0	378
606-20-2	2,6-Dinitrotoluene	378	U	9.16	378
91-58-7	2-Chloronaphthalene	378	U	10.2	378
95-57-8	2-Chlorophenol	378	U	6.04	378
91-57-6	2-Methylnaphthalene	75.6	U	10.7	75.6
88-74-4	2-Nitroaniline	1910	U	24.8	1910
88-75-5	2-Nitrophenol	378	U	15.1	378
91-94-1	3,3'-Dichlorobenzidine	756	U	47.5	756
99-09-2	3-Nitroaniline	1910	U	10.4	1910
534-52-1	2-Methyl-4,6-dinitrophenol	1910	U	19.8	1910
59-50-7	4-Chloro-3-methylphenol	378	U	15.2	378
106-47-8	4-Chloroaniline	378	U	33.3	378
7005-72-3	4-Chlorophenyl-phenylether	378	U	10.1	378
83-32-9	Acenaphthene	75.6	U	9.85	75.6
208-96-8	Acenaphthylene	75.6	U	11.2	75.6
98-86-2	Acetophenone	378	U	8.12	378
62-53-3	Aniline	378	U	7.33	378
120-12-7	Anthracene	75.6	U	10.8	75.6
1912-24-9	Atrazine (Aatrex)	756	U	19.4	756
100-52-7	Benzaldehyde	756	U	28.9	756
92-87-5	Benzidine	1510	U	51.0	1510
56-55-3	Benzo(a)anthracene	75.6	U	10.1	75.6
50-32-8	Benzo(a)pyrene	75.6	U	10.0	75.6
205-99-2	Benzo(b)fluoranthene	378	U	7.00	378

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.2 Units: g

Level: (low/med) LOW

% Moisture: 13.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SI5SB74-148-(1-2)

Contract:

Lab File ID: 2060722/B2690

Lab Sample ID: 20607200606

Date Collected: 07/18/06 Time: 1735

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2316

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	378	U	10.0	378
207-08-9	Benzo(k)fluoranthene	378	U	15.5	378
65-85-0	Benzoic acid	1910	U	176	1910
100-51-6	Benzyl alcohol	378	U	11.2	378
92-52-4	Biphenyl	378	U	11.1	378
111-91-1	Bis(2-Chloroethoxy)methane	378	U	13.0	378
111-44-4	Bis(2-Chloroethyl)ether	378	U	11.8	378
108-60-1	bis(2-Chloroisopropyl)ether	378	U	14.7	378
117-81-7	bis(2-ethylhexyl)phthalate	42.9	JB	10.2	75.6
101-55-3	4-Bromophenyl-phenylether	378	U	9.22	378
85-68-7	Butylbenzylphthalate	378	U	12.4	378
105-60-2	Caprolactam	378	U	78.3	378
86-74-8	Carbazole	378	U	9.76	378
218-01-9	Chrysene	378	U	8.84	378
84-74-2	Di-n-butylphthalate	378	U	28.3	378
117-84-0	Di-n-octylphthalate	378	U	8.23	378
53-70-3	Dibenz(a,h)anthracene	75.6	U	9.55	75.6
132-64-9	Dibenzofuran	378	U	14.0	378
84-66-2	Diethylphthalate	378	U	16.8	378
131-11-3	Dimethyl-phthalate	378	U	12.5	378
105-67-9	2,4-Dimethylphenol	378	U	25.6	378
206-44-0	Fluoranthene	378	U	11.1	378
86-73-7	Fluorene	75.6	U	9.72	75.6
118-74-1	Hexachlorobenzene	378	U	12.2	378
77-47-4	Hexachlorocyclopentadiene	378	U	8.20	378
67-72-1	Hexachloroethane	378	U	15.8	378
193-39-5	Indeno(1,2,3-cd)pyrene	378	U	16.1	378
78-59-1	Isophorone	378	U	9.63	378
100-01-6	4-Nitroaniline	1910	U	27.3	1910

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.2 Units: g

Level: (low/med) LOW

% Moisture: 13.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SI5SB74-148-(1-2)

Contract:

Lab File ID: 2060722/B2690

Lab Sample ID: 20607200606

Date Collected: 07/18/06 Time: 1735

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2316

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	378	U	14.2	378
100-02-7	4-Nitrophenol	1910	U	49.7	1910
87-86-5	Pentachlorophenol	1910	U	98.4	1910
85-01-8	Phenanthrene	75.6	U	12.3	75.6
108-95-2	Phenol	378	U	12.3	378
129-00-0	Pyrene	378	U	11.9	378
110-86-1	Pyridine	378	U	22.7	378
1319-77-3M	m,p-Cresol	378	U	14.0	378
621-64-7	N-Nitroso-di-n-propylamine	75.6	U	10.2	75.6
62-75-9	N-Nitrosodimethylamine	378	U	49.3	378
86-30-6	N-Nitrosodiphenylamine	378	U	11.3	378
95-48-7	o-Cresol	378	U	15.4	378

FORM I SV-1

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2690.d
Lab Smp Id: 20607200606 Client Smp ID: 20607200606
Inj Date : 22-JUL-2006 23:16
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200606*4482*
Misc Info : 20607200606*MSSV~3839~*072006*30.2-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.20000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.653	0.648	(0.472)	379450	102.050	3380
$ 4 Phenol-d5	99	1.181	1.181	(0.853)	1402910	75.0213	2480
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	250955	40.0000	
$ 19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	816938	37.3219	1240
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	891703	40.0000	
$ 37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	551189	35.1165	1160
* 44 Acenaphthene-d10	164	3.290	3.293	(1.000)	457952	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.773	3.775	(1.147)	139983	60.9759	2020
* 61 Phenanthrene-d10	188	4.181	4.184	(1.000)	636369	40.0000	
$ 70 Terphenyl-d14	244	5.172	5.172	(0.882)	480958	27.9972	927
* 74 Chrysene-d12	240	5.864	5.867	(1.000)	740547	40.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
76 bis(2-Ethylhexyl)phthalate	149	5.958	5.961	(1.016)	4387	1.12375	37.2
* 81 Perylene-d12	264	6.923	6.920	(1.000)	890716	40.0000	

Data File: /var/chem/MSSV3.i/2060722.s.b/b2690.d

Page 1

Date : 22-JUL-2006 23:16

Client ID: 20607200606

Instrument: MSSV3.i

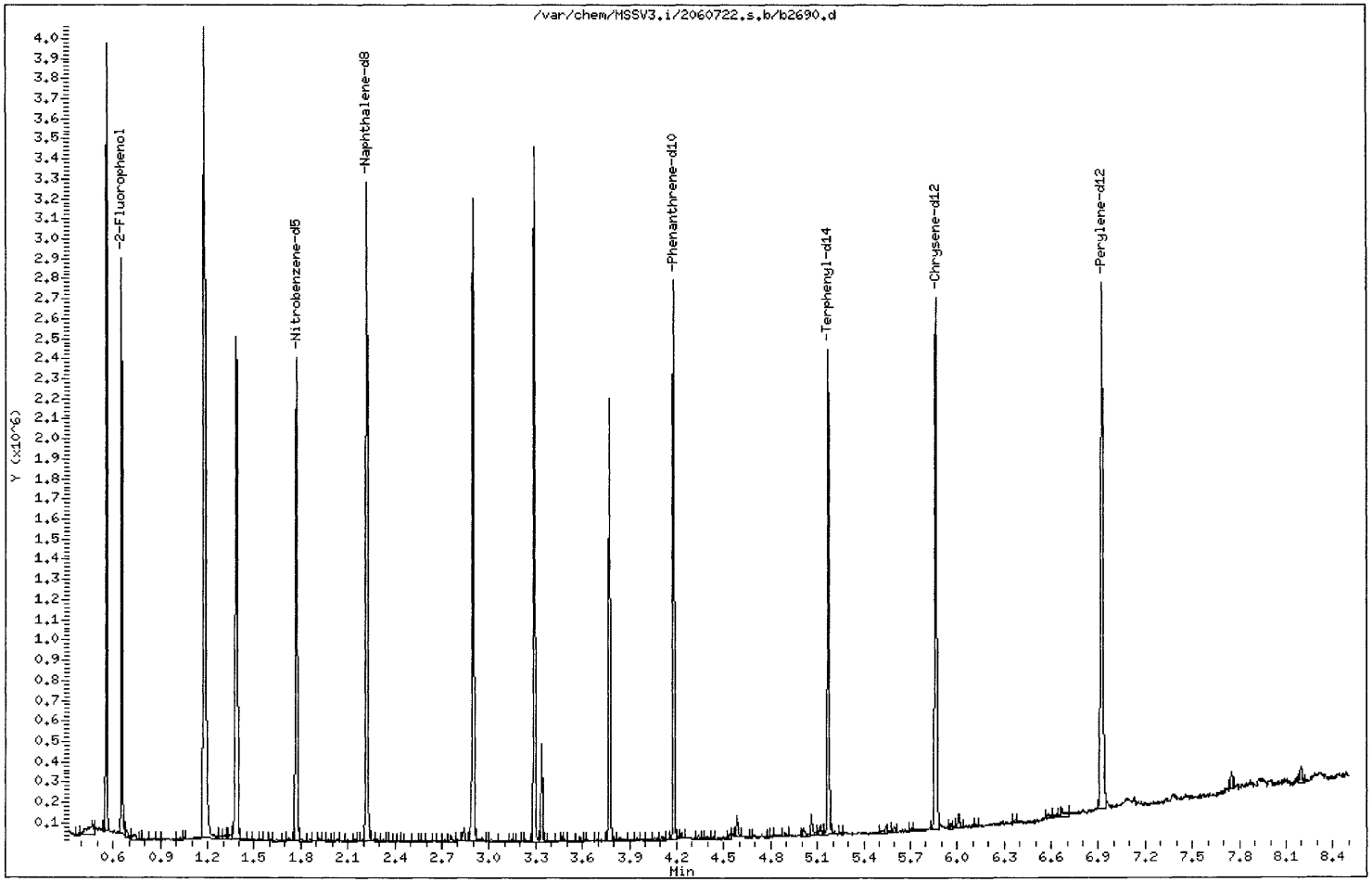
Sample Info: 20607200606*4482*

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25



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188818

Data File: /var/chem/MSSV3.i/2060722.s.b/b2690.d

Date : 22-JUL-2006 23:16

Client ID: 20607200606

Instrument: MSSV3.i

Sample Info: 20607200606*4482*

Volume Injected (uL): 1.0

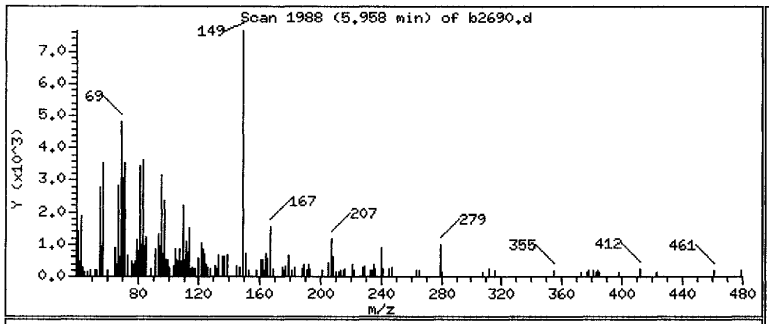
Operator: rrr

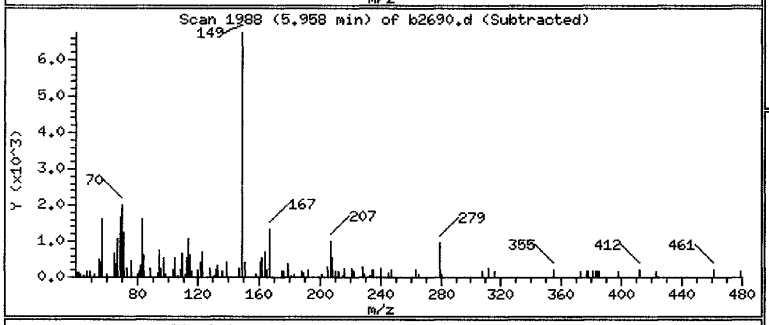
Column phase: RTX-5MS-30M

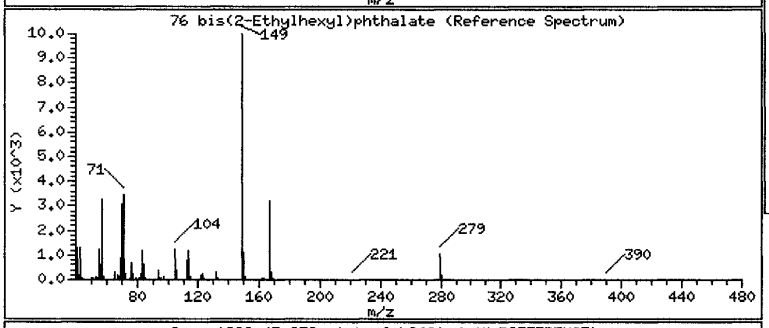
Column diameter: 0.25

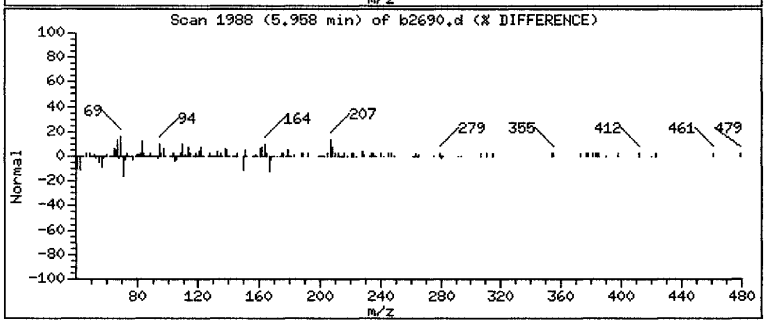
76 bis(2-Ethylhexyl)phthalate

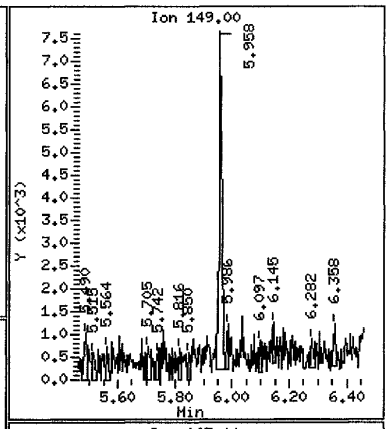
Concentration: 37.2 ug/Kg

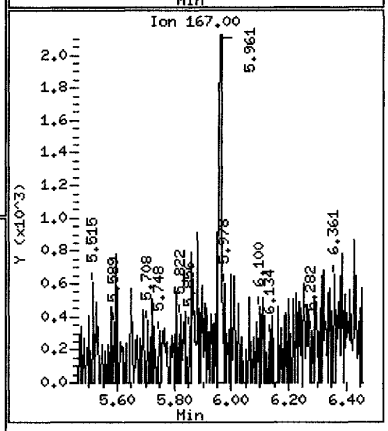








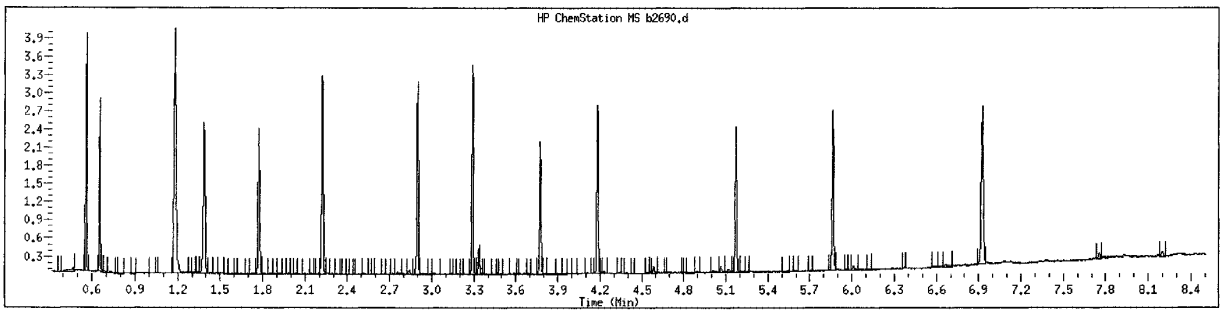




Data file : /var/chem/MSSV3.i/2060722.s.b/b2690.d Page: 1
Report Date: 07/23/2006 11:05

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200606 SampleType : SAMPLE
Injection Date: 22-JUL-2006 23:16 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200606*4482*
Misc Info : 20607200606*MSSV~3839~*072006*30.2-1*328412*
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



NO MANUAL INTEGRATIONS

188820

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 10.1 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH4SB64-128-(1-2)
Contract:
Lab File ID: 2060723/B2806
Lab Sample ID: 20607200607
Date Collected: 07/18/06 Time: 1745
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/23/06 Time: 1503
Dilution Factor: 5 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	1840	U	39.8	1840
95-95-4	2,4,5-Trichlorophenol	1840	U	37.4	1840
88-06-2	2,4,6-Trichlorophenol	1840	U	82.5	1840
120-83-2	2,4-Dichlorophenol	1840	U	47.9	1840
51-28-5	2,4-Dinitrophenol	9290	U	315	9290
121-14-2	2,4-Dinitrotoluene	1840	U	82.6	1840
606-20-2	2,6-Dinitrotoluene	1840	U	44.5	1840
91-58-7	2-Chloronaphthalene	1840	U	49.6	1840
95-57-8	2-Chlorophenol	1840	U	29.4	1840
91-57-6	2-Methylnaphthalene	367	U	52.0	367
88-74-4	2-Nitroaniline	9290	U	120	9290
88-75-5	2-Nitrophenol	1840	U	73.2	1840
91-94-1	3,3'-Dichlorobenzidine	3670	U	231	3670
99-09-2	3-Nitroaniline	9290	U	50.6	9290
534-52-1	2-Methyl-4,6-dinitrophenol	9290	U	96.3	9290
59-50-7	4-Chloro-3-methylphenol	1840	U	73.7	1840
106-47-8	4-Chloroaniline	1840	U	162	1840
7005-72-3	4-Chlorophenyl-phenylether	1840	U	48.9	1840
83-32-9	Acenaphthene	367	U	47.9	367
208-96-8	Acenaphthylene	70.3	J	54.2	367
98-86-2	Acetophenone	1840	U	39.5	1840
62-53-3	Aniline	1840	U	35.6	1840
120-12-7	Anthracene	367	U	52.6	367
1912-24-9	Atrazine (Aatrex)	3670	U	94.2	3670
100-52-7	Benzaldehyde	3670	U	141	3670
92-87-5	Benzidine	7340	U	248	7340
56-55-3	Benzo(a)anthracene	367	U	49.0	367
50-32-8	Benzo(a)pyrene	62.9	J	48.6	367
205-99-2	Benzo(b)fluoranthene	247	J	34.0	1840

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 10.1 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH4SB64-128-(1-2)

Contract:

Lab File ID: 2060723/B2806

Lab Sample ID: 20607200607

Date Collected: 07/18/06 Time: 1745

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1503

Dilution Factor: 5 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	128	J	48.7	1840
207-08-9	Benzo(k)fluoranthene	1840	U	75.2	1840
65-85-0	Benzoic acid	9290	U	857	9290
100-51-6	Benzyl alcohol	1840	U	54.3	1840
92-52-4	Biphenyl	1840	U	54.0	1840
111-91-1	Bis(2-Chloroethoxy)methane	1840	U	63.2	1840
111-44-4	Bis(2-Chloroethyl)ether	1840	U	57.2	1840
108-60-1	bis(2-Chloroisopropyl)ether	1840	U	71.3	1840
117-81-7	bis(2-ethylhexyl)phthalate	216	JB	49.5	367
101-55-3	4-Bromophenyl-phenylether	1840	U	44.8	1840
85-68-7	Butylbenzylphthalate	1840	U	60.2	1840
105-60-2	Caprolactam	1840	U	380	1840
86-74-8	Carbazole	1840	U	47.5	1840
218-01-9	Chrysene	48.2	J	43.0	1840
84-74-2	Di-n-butylphthalate	1840	U	138	1840
117-84-0	Di-n-octylphthalate	1840	U	40.0	1840
53-70-3	Dibenz(a,h)anthracene	367	U	46.4	367
132-64-9	Dibenzofuran	1840	U	68.2	1840
84-66-2	Diethylphthalate	1840	U	81.8	1840
131-11-3	Dimethyl-phthalate	1840	U	60.6	1840
105-67-9	2,4-Dimethylphenol	1840	U	125	1840
206-44-0	Fluoranthene	107	J	54.1	1840
86-73-7	Fluorene	367	U	47.2	367
118-74-1	Hexachlorobenzene	1840	U	59.1	1840
77-47-4	Hexachlorocyclopentadiene	1840	U	39.8	1840
67-72-1	Hexachloroethane	1840	U	77.0	1840
193-39-5	Indeno(1,2,3-cd)pyrene	423	J	78.0	1840
78-59-1	Isophorone	1840	U	46.8	1840
100-01-6	4-Nitroaniline	9290	U	133	9290

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 10.1 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH4SB64-128-(1-2)

Contract:

Lab File ID: 2060723/B2806

Lab Sample ID: 20607200607

Date Collected: 07/18/06 Time: 1745

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1503

Dilution Factor: 5 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	1840	U	68.9	1840
100-02-7	4-Nitrophenol	9290	U	241	9290
87-86-5	Pentachlorophenol	9290	U	478	9290
85-01-8	Phenanthrene	367	U	59.7	367
108-95-2	Phenol	1840	U	59.8	1840
129-00-0	Pyrene	85.7	J	57.6	1840
110-86-1	Pyridine	1840	U	110	1840
1319-77-3M	m,p-Cresol	1840	U	68.2	1840
621-64-7	N-Nitroso-di-n-propylamine	367	U	49.7	367
62-75-9	N-Nitrosodimethylamine	1840	U	240	1840
86-30-6	N-Nitrosodiphenylamine	1840	U	54.8	1840
95-48-7	o-Cresol	1840	U	74.7	1840

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060723.s.b/b2806.d
Lab Smp Id: 20607200607 Client Smp ID: 20607200607
Inj Date : 23-JUL-2006 15:03
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200607*4482*
Misc Info : 20607200607*MSSV~3839~*072006*30.0-1X5*328412
Comment :
Method : /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:23 rlw Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 6
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.648	0.645	(0.469)	70751	22.0881	3680(R)
$ 4 Phenol-d5	99	1.178	1.178	(0.854)	267934	16.6322	2770
* 10 1,4-Dichlorobenzene-d4	152	1.383	1.383	(1.000)	216187	40.0000	
$ 19 Nitrobenzene-d5	82	1.769	1.772	(0.798)	152535	8.20125	1370
* 28 Naphthalene-d8	136	2.217	2.220	(1.000)	757677	40.0000	
$ 37 2-Fluorobiphenyl	172	2.893	2.898	(0.880)	121182	8.19114	1370
42 Acenaphthylene	152	3.202	3.202	(0.974)	8029	0.37937	63.2
* 44 Acenaphthene-d10	164	3.287	3.290	(1.000)	431643	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.770	3.773	(1.147)	35847	16.5665	2760
* 61 Phenanthrene-d10	188	4.181	4.184	(1.000)	649357	40.0000	
67 Fluoranthene +	202	4.908	4.914	(1.174)	11440	0.57815	96.4

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
69 Pyrene	202	5.041	5.047	(0.860)	10164	0.46222	77.0
$ 70 Terphenyl-d14	244	5.166	5.172	(0.881)	125449	8.25343	1380
* 74 Chrysene-d12	240	5.861	5.867	(1.000)	655228	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.955	5.961	(1.016)	4358	1.16271	194
75 Chrysene	228	5.878	5.887	(1.003)	5817	0.25998	43.3
78 Benzo(b)fluoranthene	252	6.645	6.648	(0.960)	7039	1.33033	222
80 Benzo(a)pyrene +	252	6.869	6.880	(0.993)	6050	0.33912	56.5
* 81 Perylene-d12	264	6.920	6.920	(1.000)	677563	40.0000	
82 Indeno(1,2,3-cd)pyrene	276	7.638	7.652	(1.303)	11459	2.28241	380
84 Benzo(g,h,i)perylene	276	7.806	7.820	(1.128)	20667	0.69112	115

QC Flag Legend

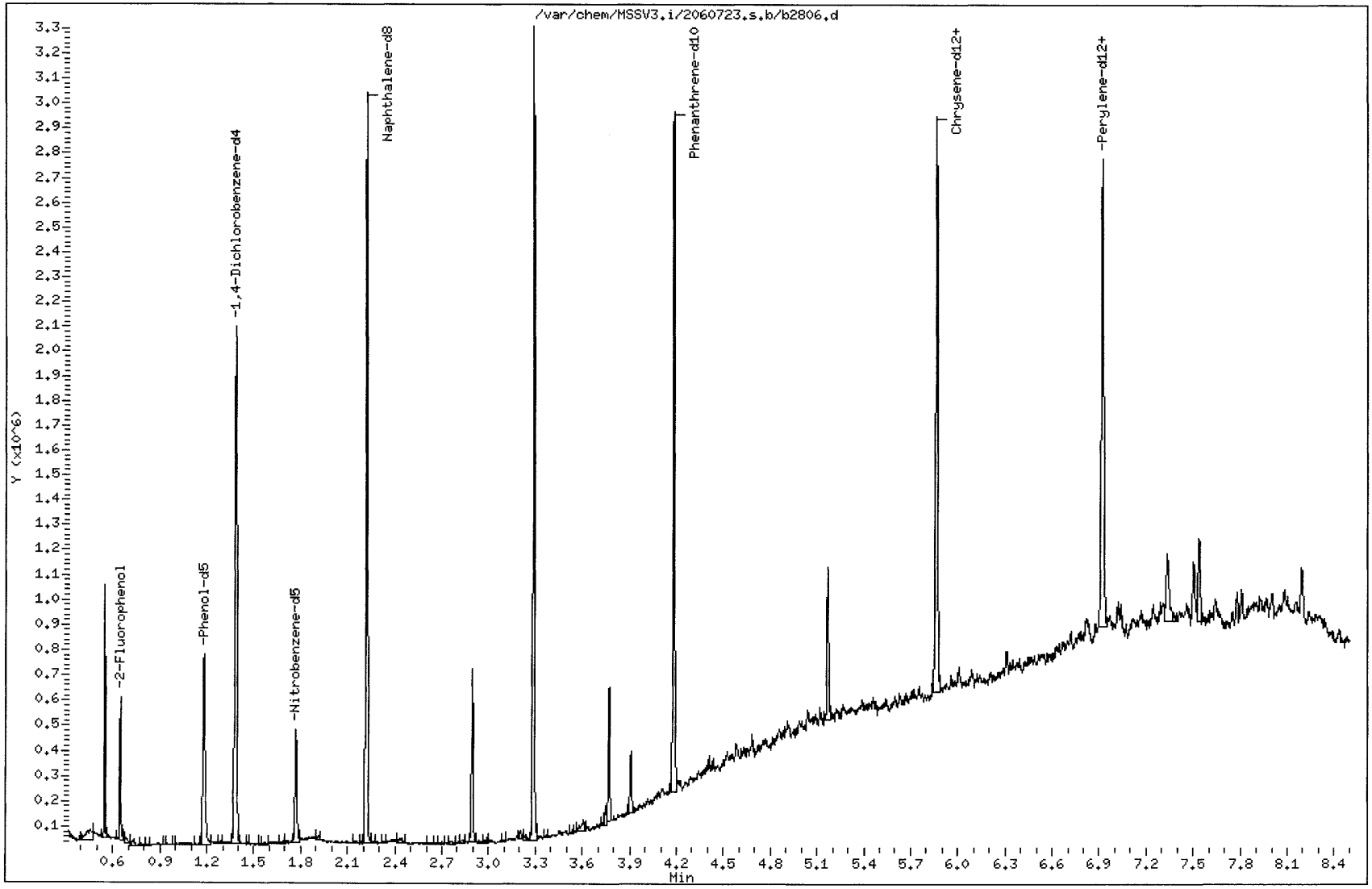
R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d
Date : 23-JUL-2006 15:03
Client ID: 20607200607
Sample Info: 20607200607*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25

000854



188826

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

Client ID: 20607200607

Instrument: MSSV3.i

Sample Info: 20607200607*4482*

Volume Injected (uL): 1.0

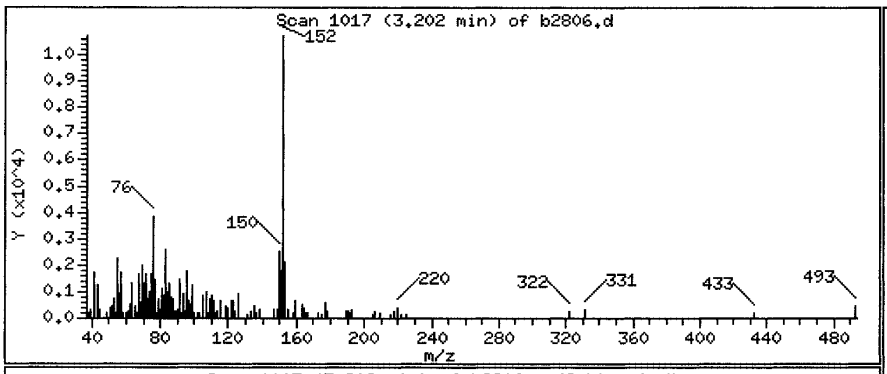
Operator: rrr

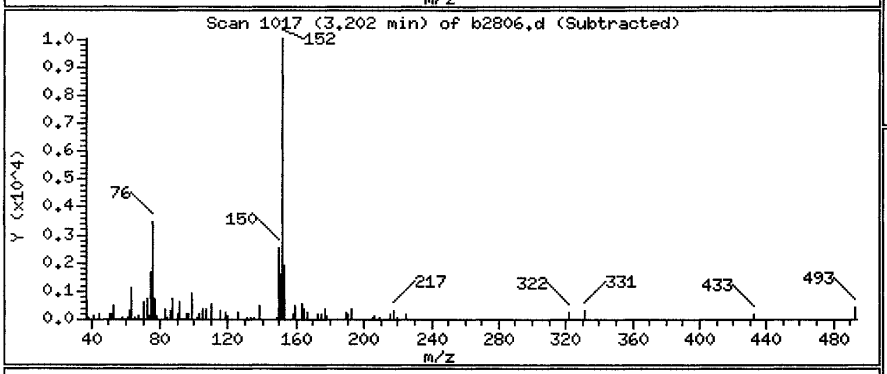
Column phase: RTX-5MS-30M

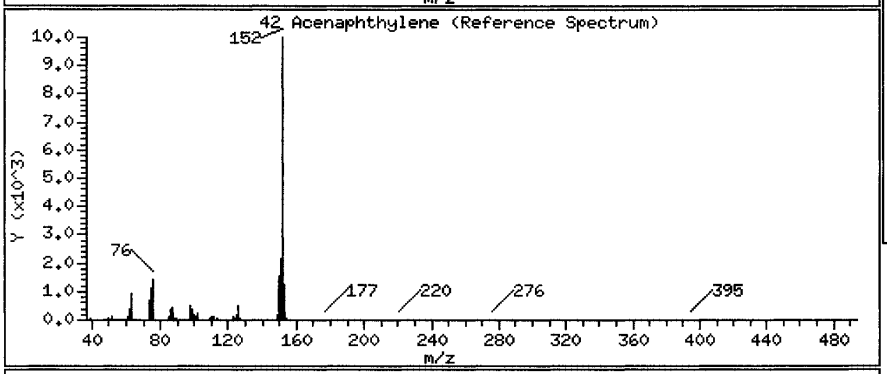
Column diameter: 0.25

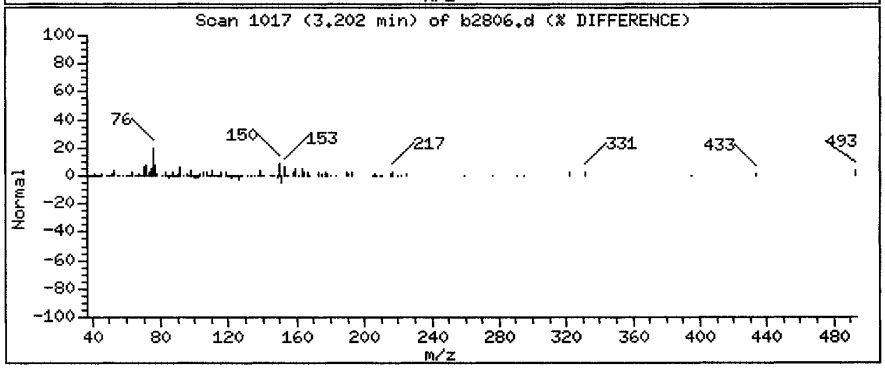
42 Acenaphthylene

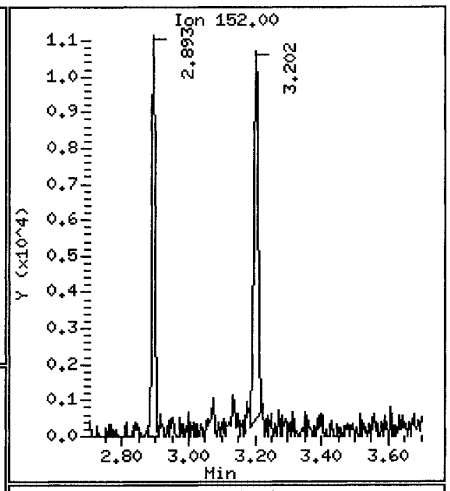
Concentration: 63.2 ug/Kg

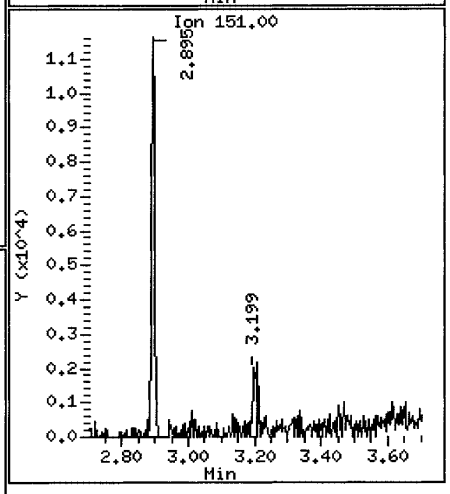












Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

Client ID: 20607200607

Instrument: MSSV3.i

Sample Info: 20607200607*4482*

Volume Injected (uL): 1.0

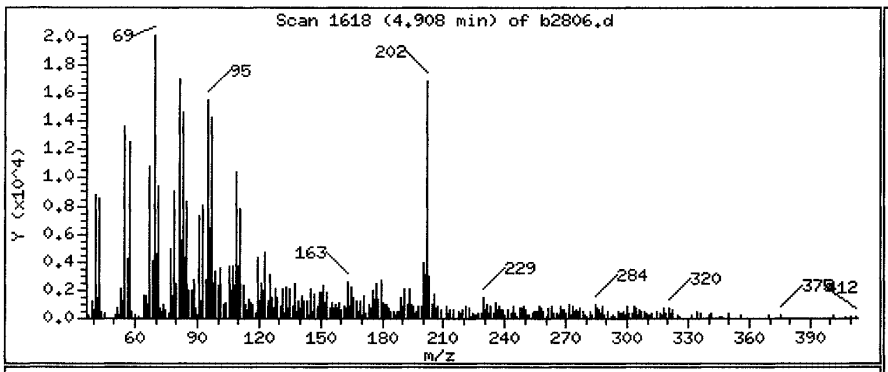
Operator: rrr

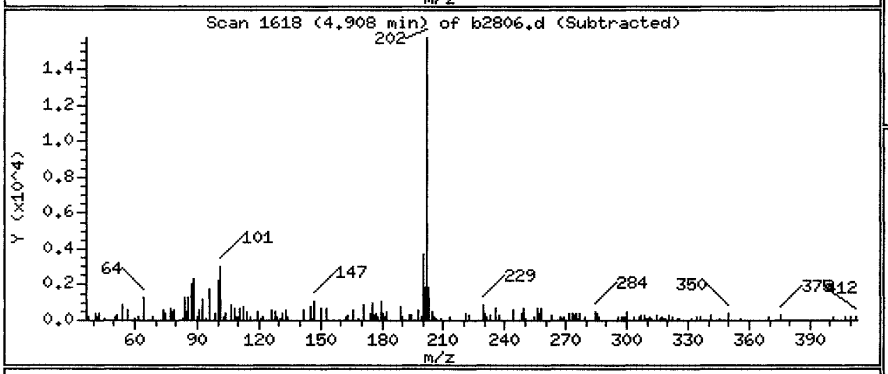
Column phase: RTX-5MS-30M

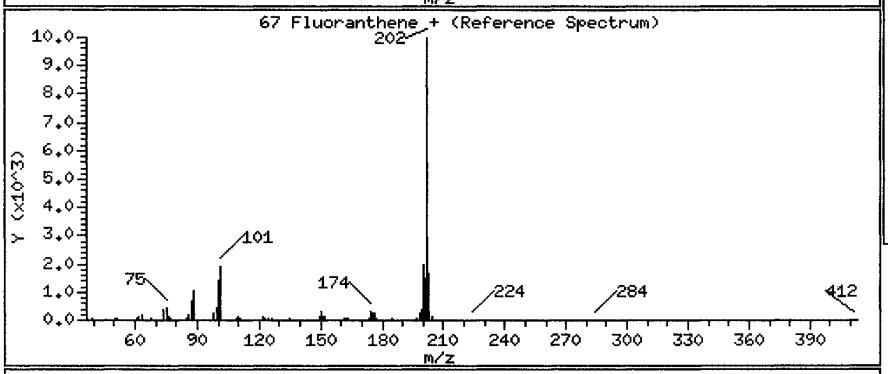
Column diameter: 0.25

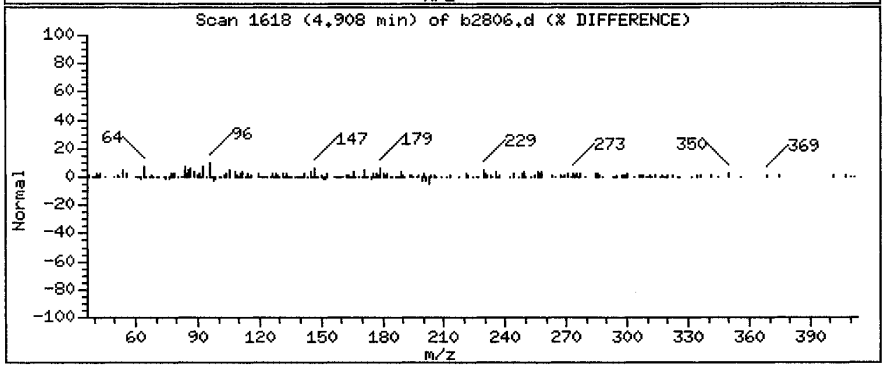
67 Fluoranthene +

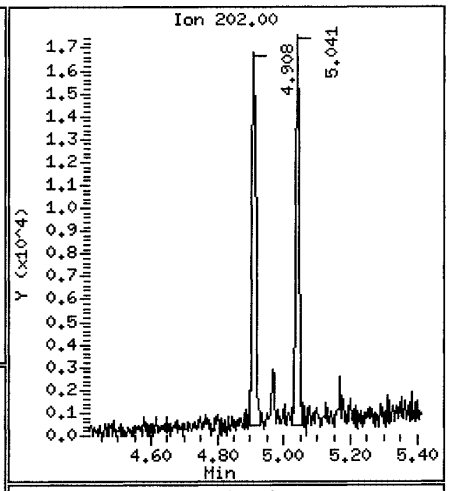
Concentration: 96.4 ug/Kg

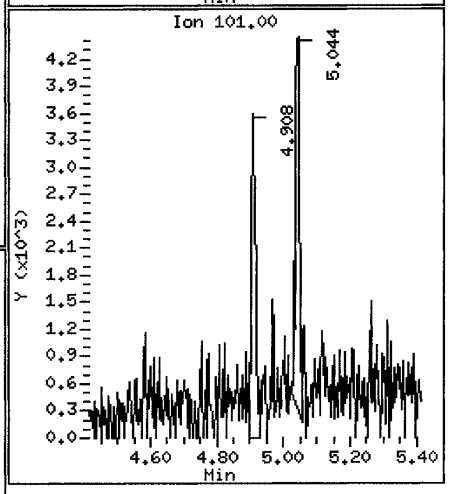












188828

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

Client ID: 20607200607

Instrument: MSSV3.i

Sample Info: 20607200607*4482*

Volume Injected (uL): 1.0

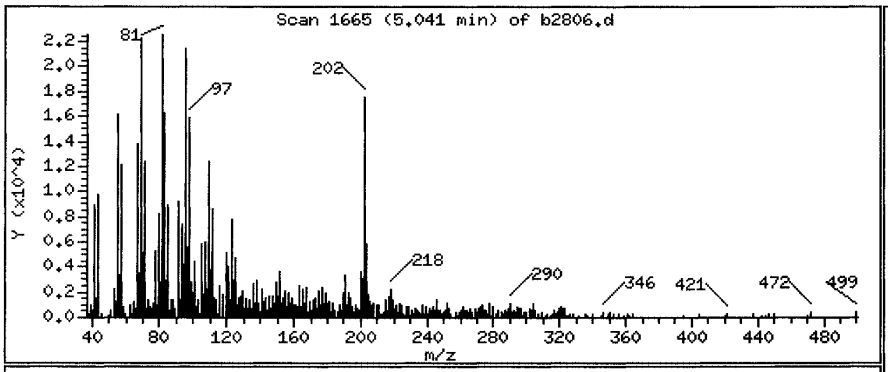
Operator: rrr

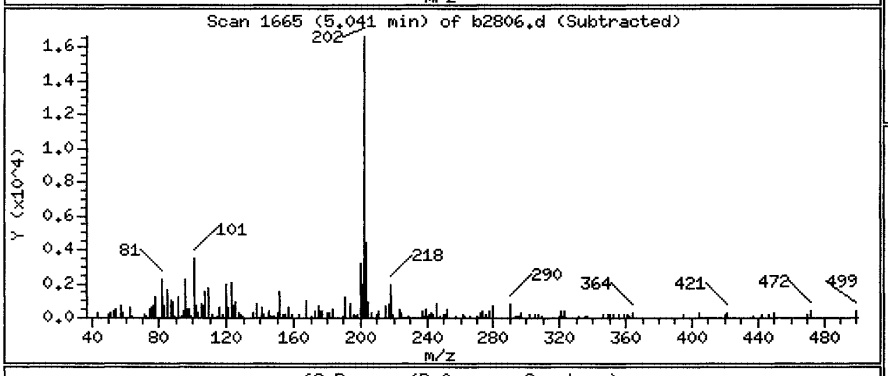
Column phase: RTX-5MS-30M

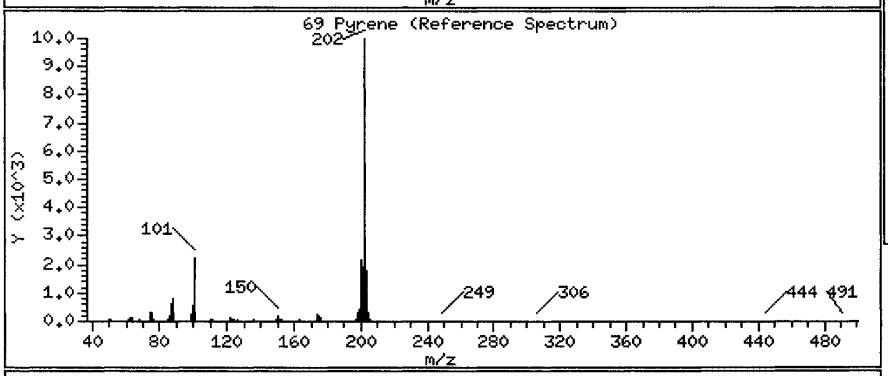
Column diameter: 0.25

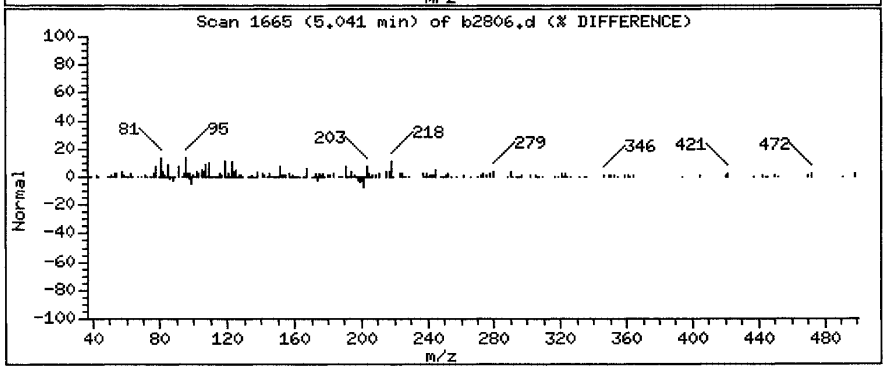
69 Pyrene

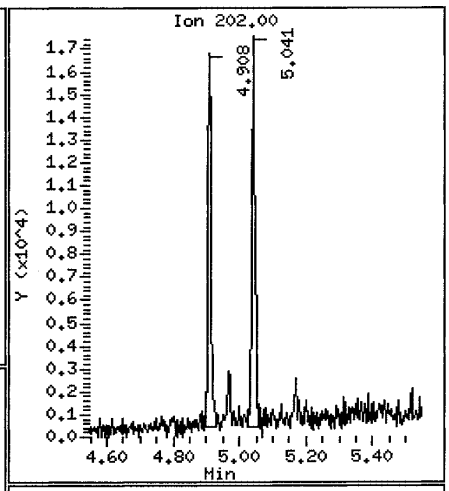
Concentration: 77.0 ug/Kg

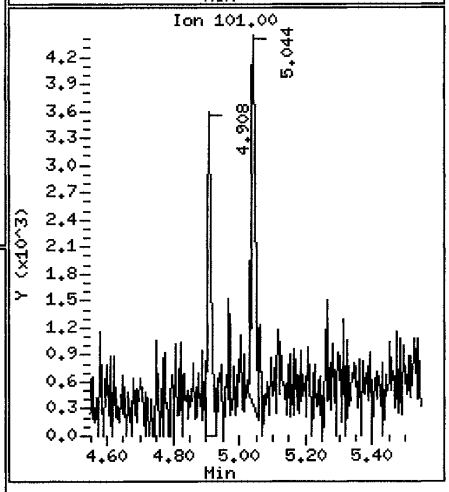












188829

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

Client ID: 20607200607

Instrument: MSSV3.i

Sample Info: 20607200607*4482*

Volume Injected (uL): 1.0

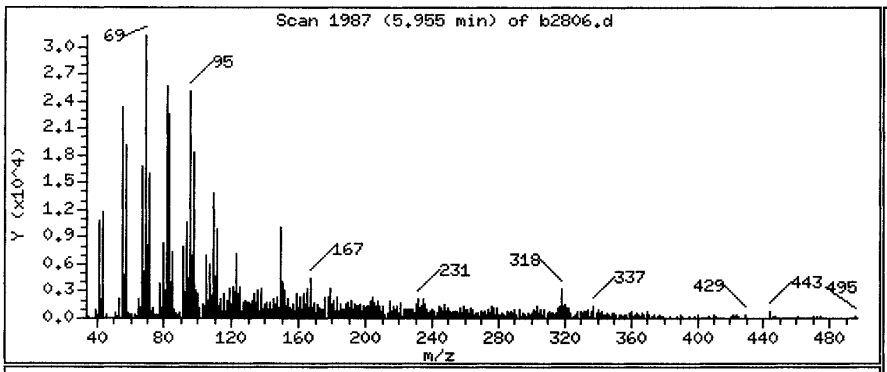
Operator: rrr

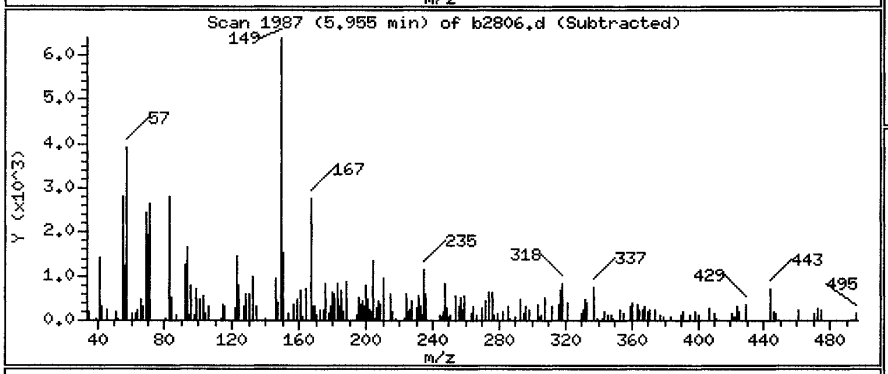
Column phase: RTX-5MS-30M

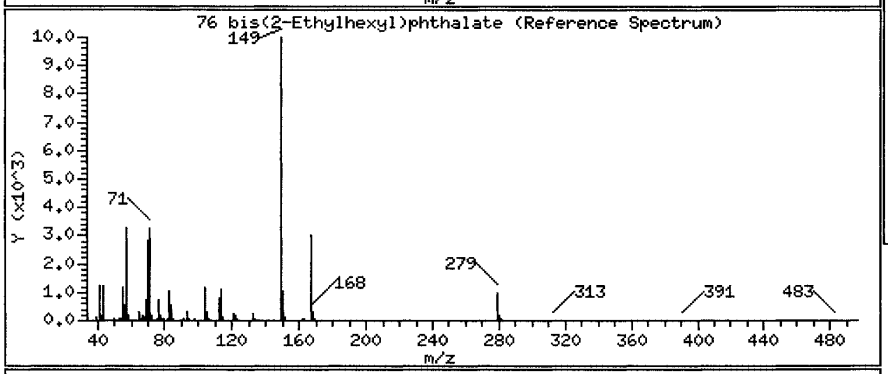
Column diameter: 0.25

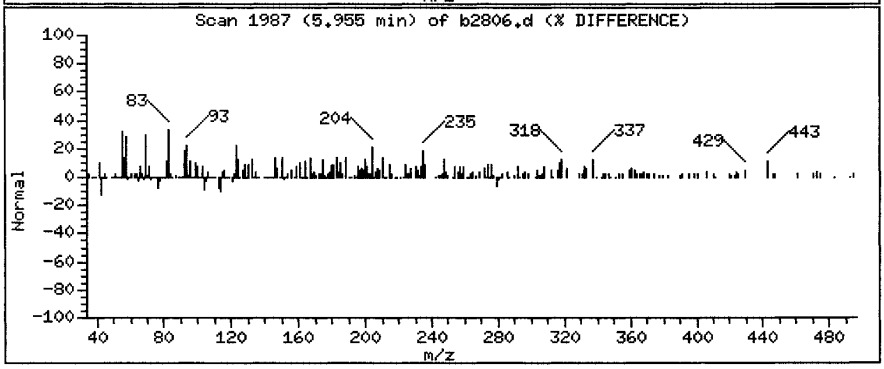
76 bis(2-Ethylhexyl)phthalate

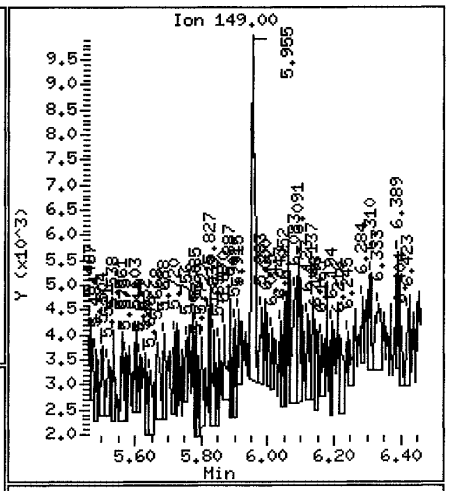
Concentration: 194 ug/Kg

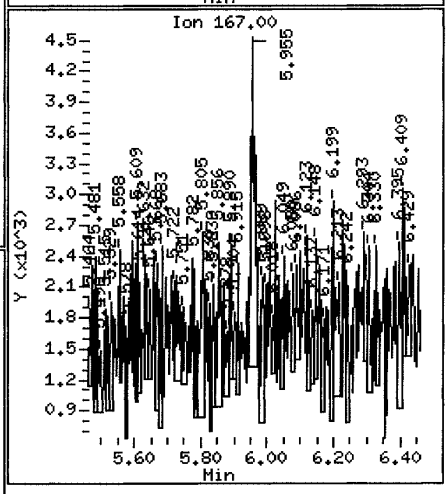












188830

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

Client ID: 20607200607

Instrument: MSSV3.i

Sample Info: 20607200607*4482*

Volume Injected (uL): 1.0

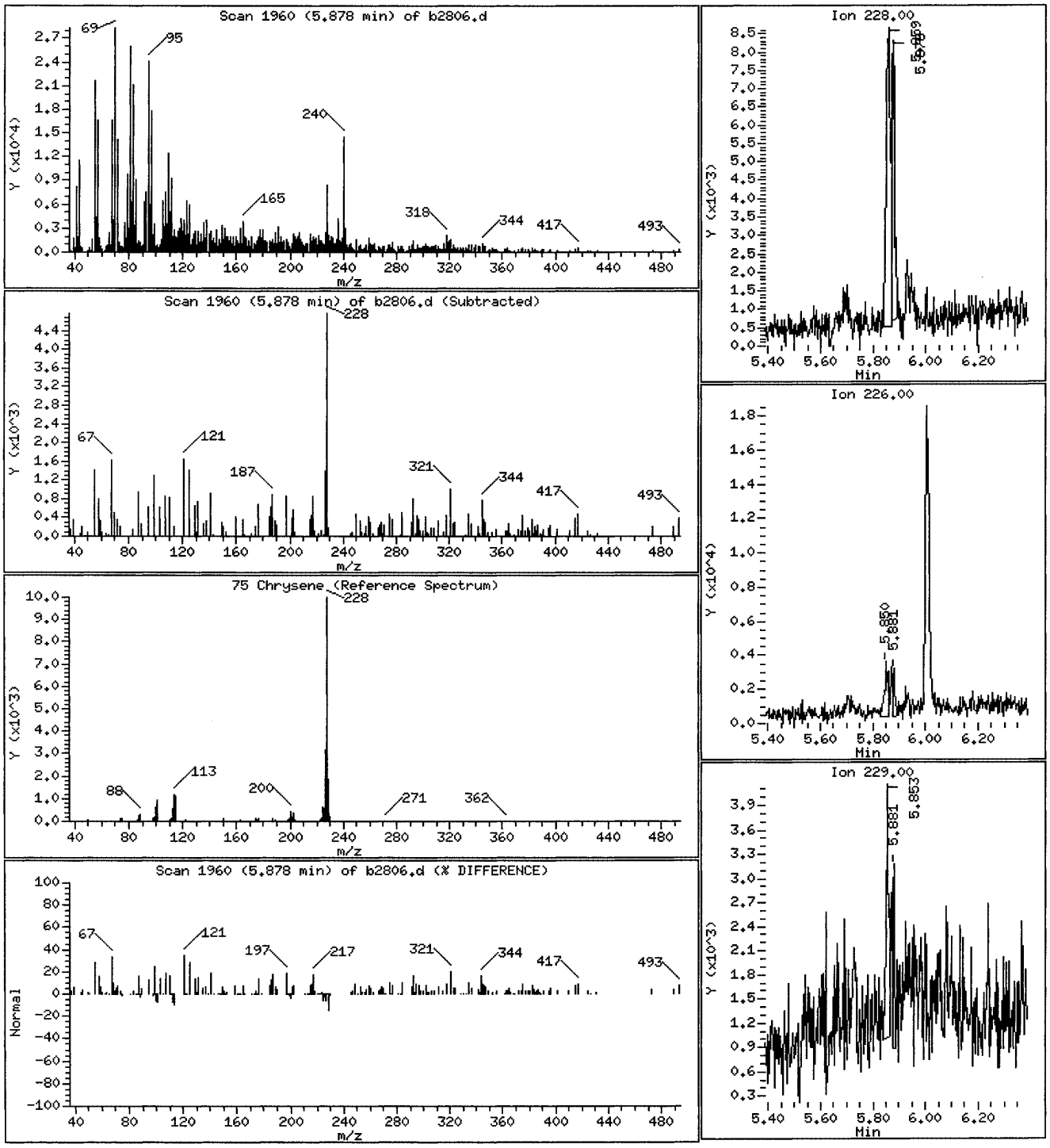
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

75 Chrysene

Concentration: 43.3 ug/Kg



188831

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

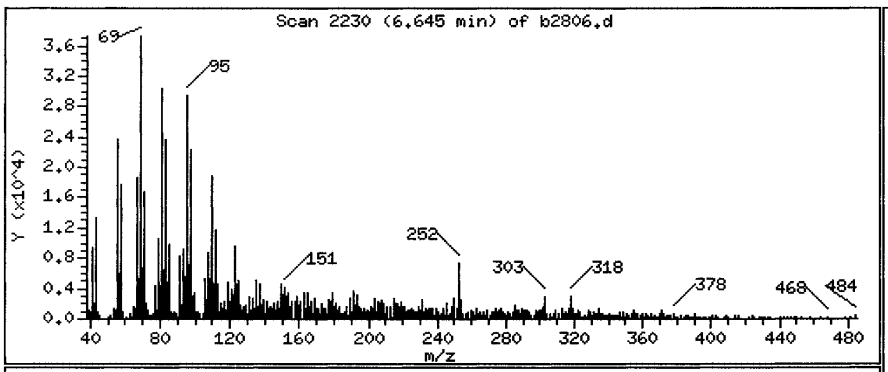
Client ID: 20607200607 Instrument: MSSV3.i

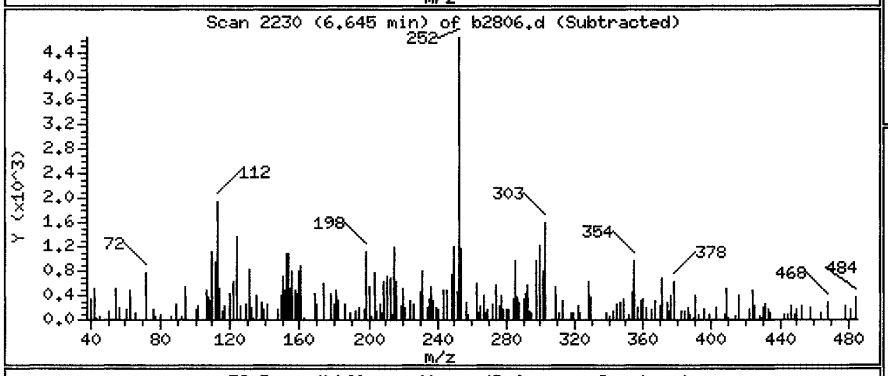
Sample Info: 20607200607*4482*

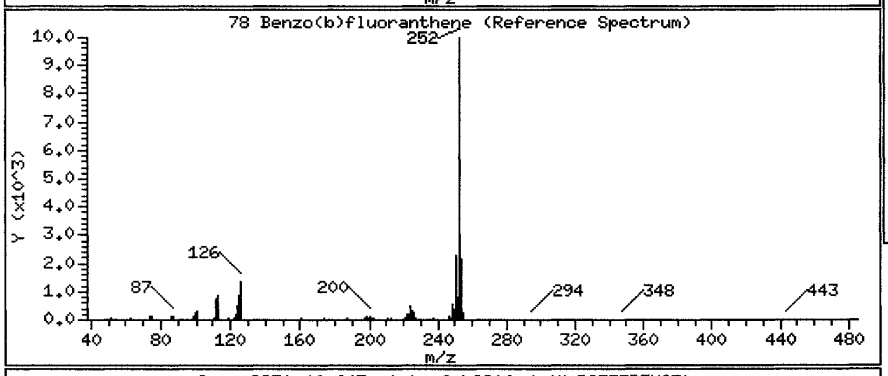
Volume Injected (uL): 1.0 Operator: rrr

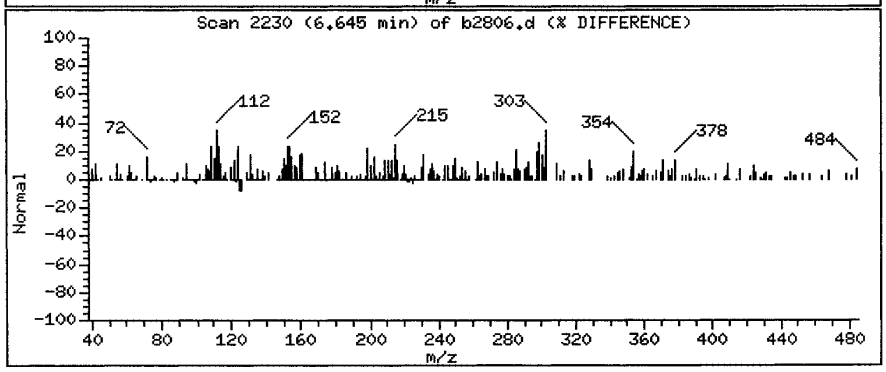
Column phase: RTX-5MS-30M Column diameter: 0.25

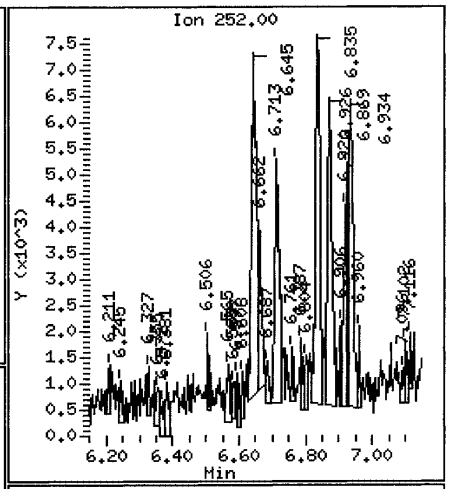
78 Benzo(b)fluoranthene Concentration: 222 ug/Kg

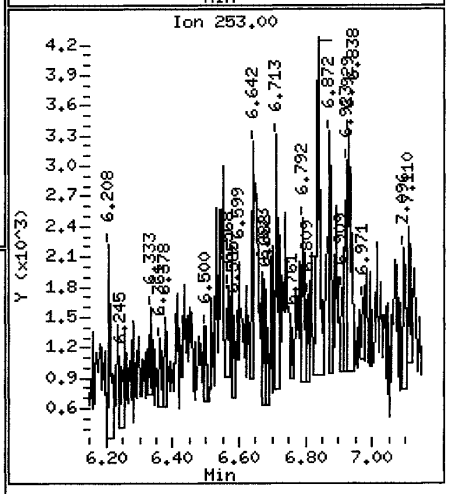












188832

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

Client ID: 20607200607

Instrument: MSSV3.i

Sample Info: 20607200607*4482*

Volume Injected (uL): 1.0

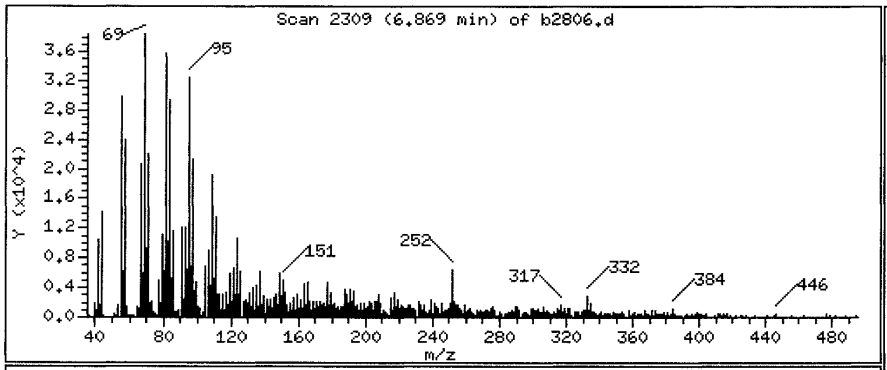
Operator: rrr

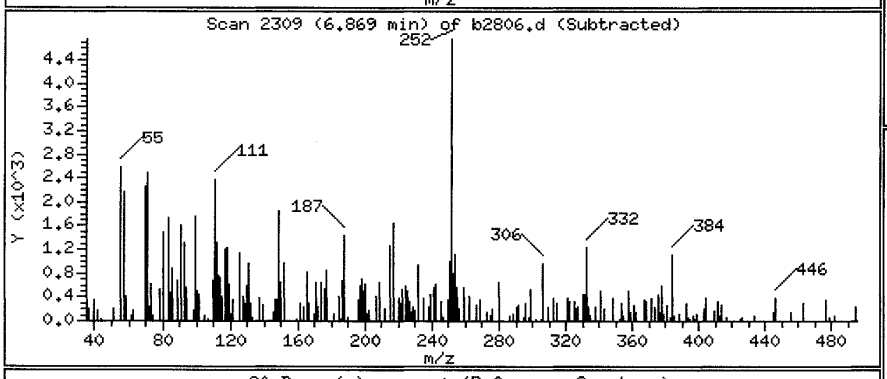
Column phase: RTX-5MS-30M

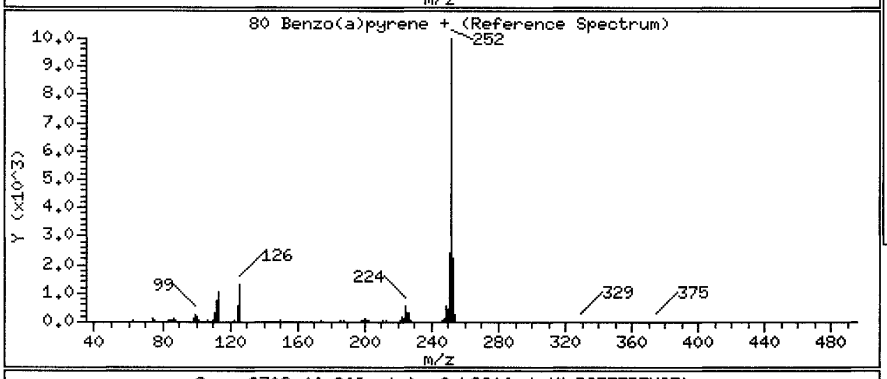
Column diameter: 0.25

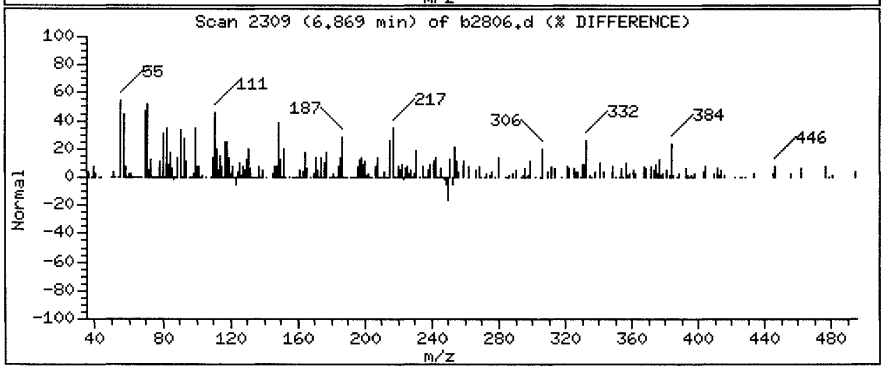
80 Benzo(a)pyrene +

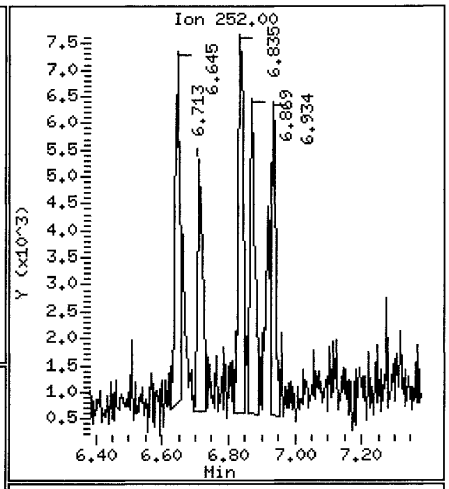
Concentration: 56.5 ug/Kg

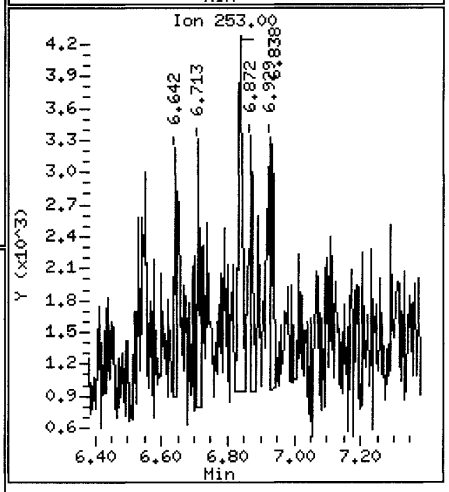












000861

188833

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

Client ID: 20607200607

Instrument: MSSV3.i

Sample Info: 20607200607*4482*

Volume Injected (uL): 1.0

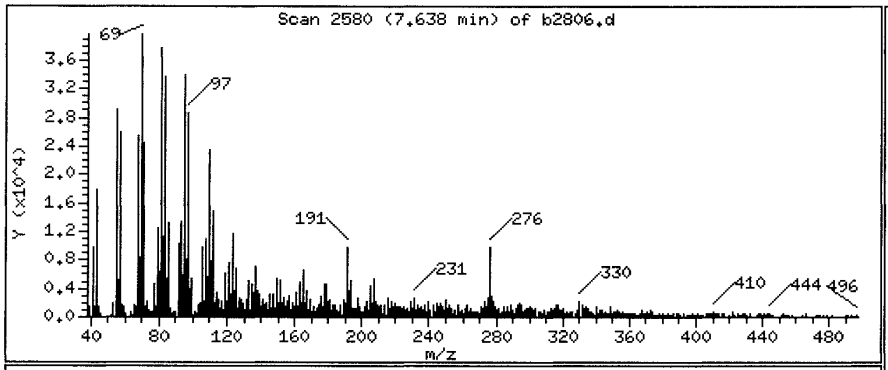
Operator: rrr

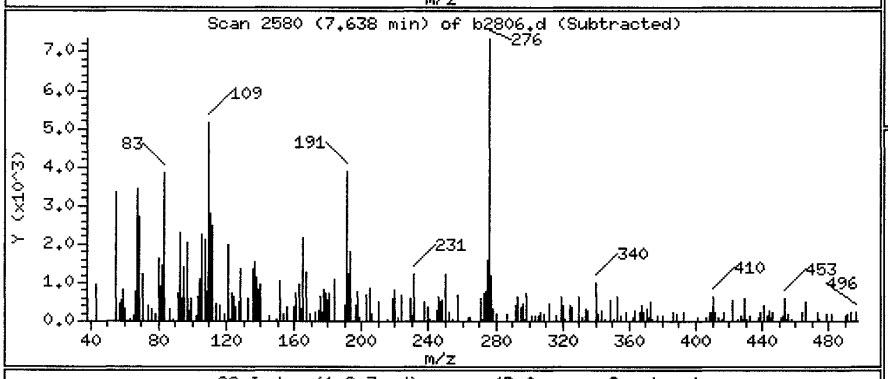
Column phase: RTX-5MS-30M

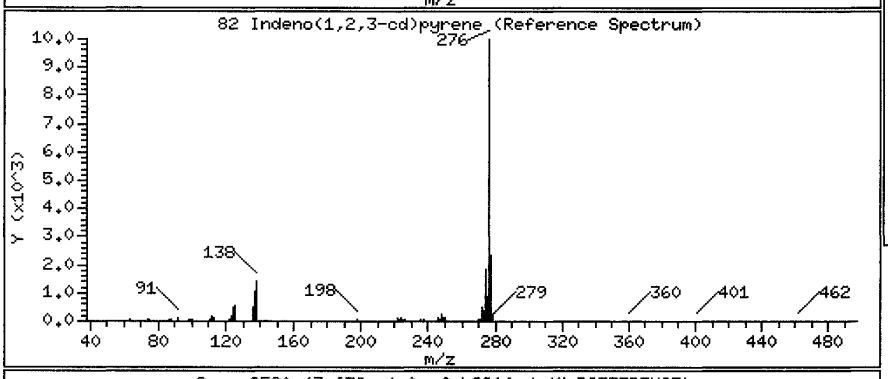
Column diameter: 0.25

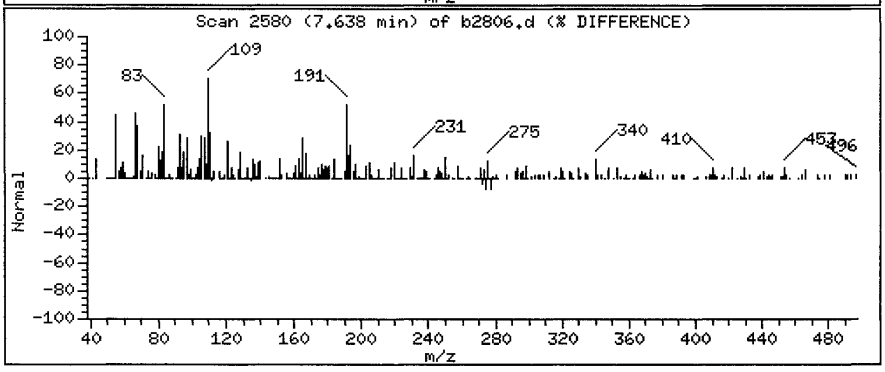
82 Indeno(1,2,3-cd)pyrene

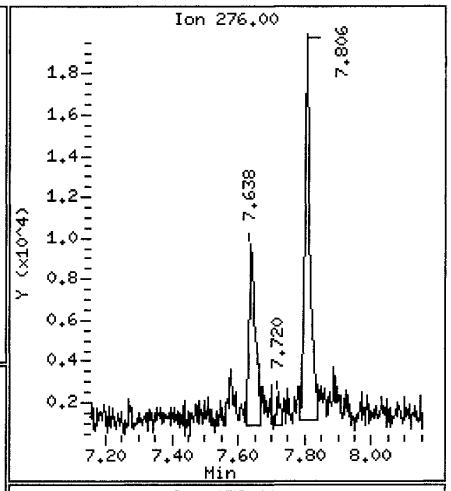
Concentration: 380 ug/Kg

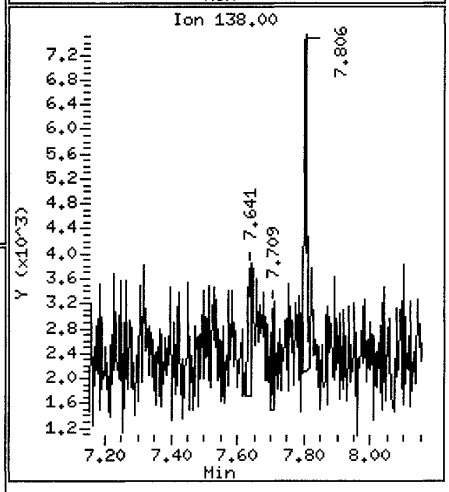












000862

188834

Data File: /var/chem/MSSV3.i/2060723.s.b/b2806.d

Date : 23-JUL-2006 15:03

Client ID: 20607200607

Instrument: MSSV3.i

Sample Info: 20607200607*4482*

Volume Injected (uL): 1.0

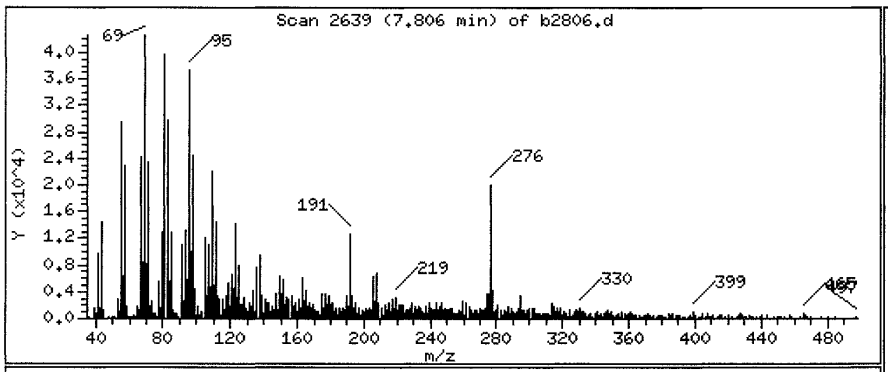
Operator: rrr

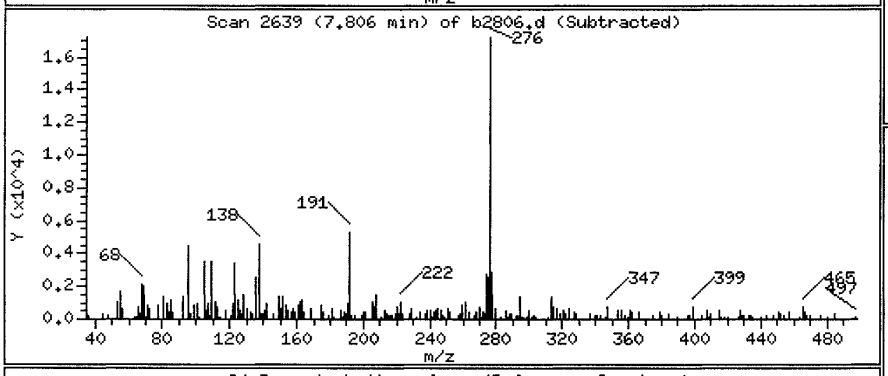
Column phase: RTX-5MS-30M

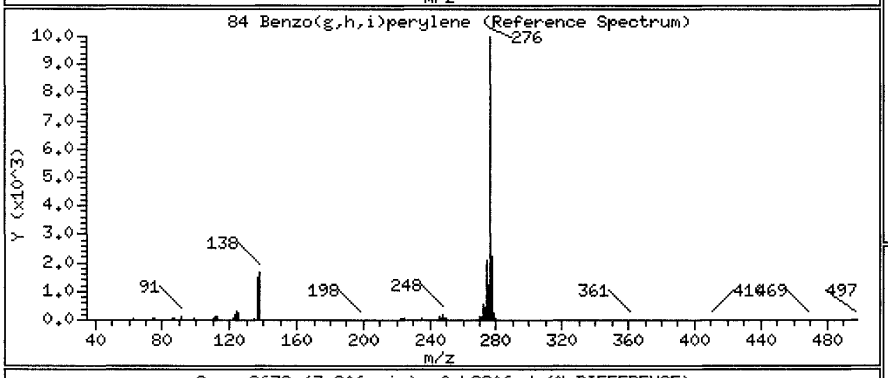
Column diameter: 0.25

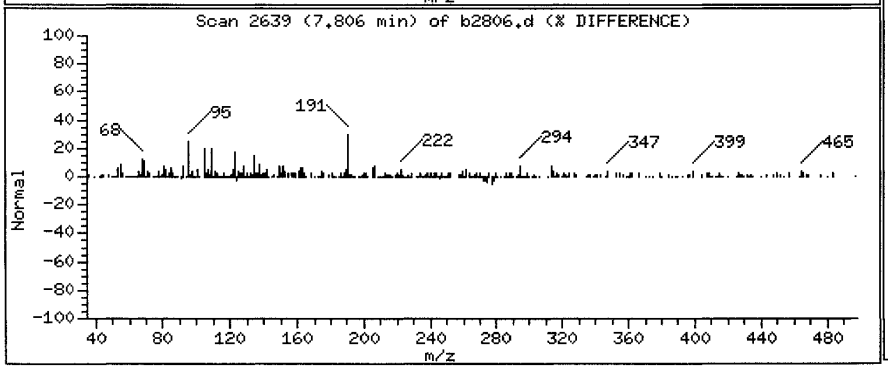
84 Benzo(g,h,i)perylene

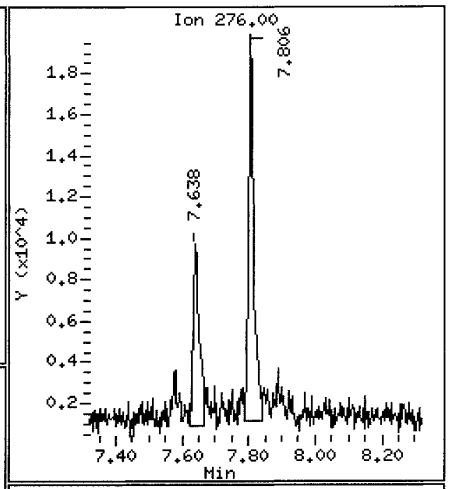
Concentration: 115 ug/Kg

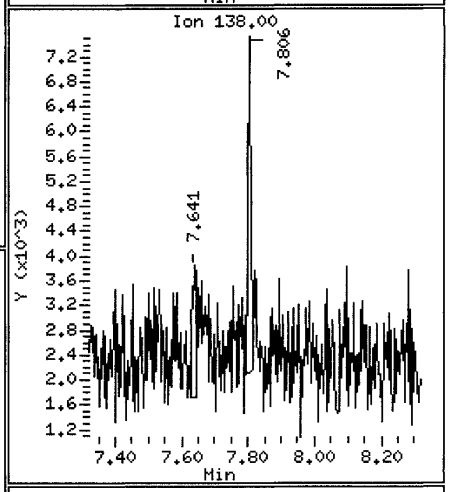


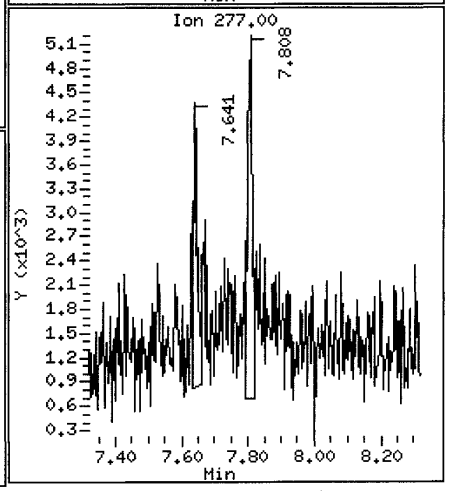










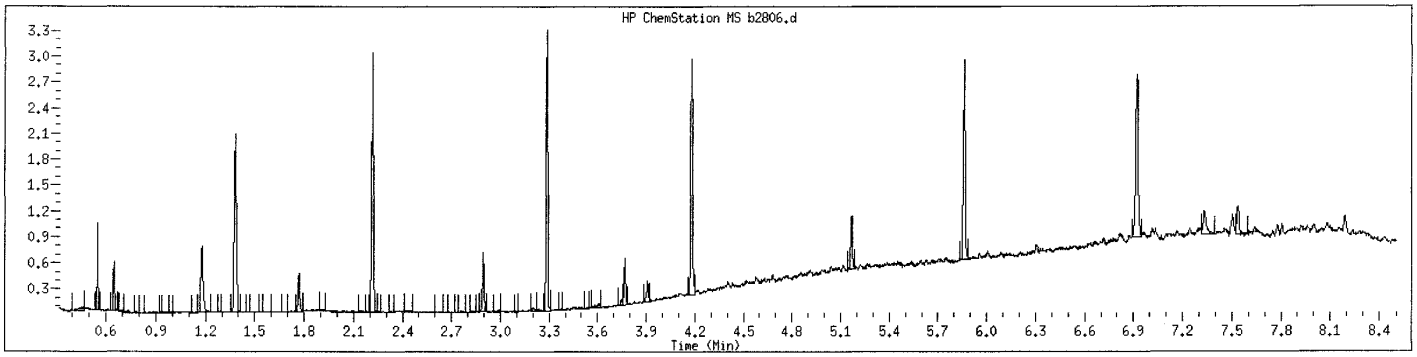


188835

Data file : /var/chem/MSSV3.i/2060723.s.b/b2806.d
Report Date: 07/27/2006 21:00

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200607	SampleType	: SAMPLE
Injection Date	: 23-JUL-2006 15:03	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 20607200607*4482*		
Misc Info	: 20607200607*MSSV~3839~*072006*30.0-1X5*328412		
Method	: /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m		
Dilution	: 5.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

188836

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 14.0 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SH4SB64-127-(0-0.5)
Contract:
Lab File ID: 2060722/B2692
Lab Sample ID: 20607200608
Date Collected: 07/18/06 Time: 1750
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/22/06 Time: 2346
Dilution Factor: 1 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328661

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	384	U	8.32	384
95-95-4	2,4,5-Trichlorophenol	384	U	7.80	384
88-06-2	2,4,6-Trichlorophenol	384	U	17.2	384
120-83-2	2,4-Dichlorophenol	384	U	10.0	384
51-28-5	2,4-Dinitrophenol	1940	U	65.7	1940
121-14-2	2,4-Dinitrotoluene	384	U	17.3	384
606-20-2	2,6-Dinitrotoluene	384	U	9.30	384
91-58-7	2-Chloronaphthalene	384	U	10.4	384
95-57-8	2-Chlorophenol	384	U	6.13	384
91-57-6	2-Methylnaphthalene	76.7	U	10.9	76.7
88-74-4	2-Nitroaniline	1940	U	25.1	1940
88-75-5	2-Nitrophenol	384	U	15.3	384
91-94-1	3,3'-Dichlorobenzidine	767	U	48.2	767
99-09-2	3-Nitroaniline	1940	U	10.6	1940
534-52-1	2-Methyl-4,6-dinitrophenol	1940	U	20.1	1940
59-50-7	4-Chloro-3-methylphenol	384	U	15.4	384
106-47-8	4-Chloroaniline	384	U	33.8	384
7005-72-3	4-Chlorophenyl-phenylether	384	U	10.2	384
83-32-9	Acenaphthene	76.7	U	10.0	76.7
208-96-8	Acenaphthylene	76.7	U	11.3	76.7
98-86-2	Acetophenone	384	U	8.25	384
62-53-3	Aniline	384	U	7.44	384
120-12-7	Anthracene	76.7	U	11.0	76.7
1912-24-9	Atrazine (Aatrex)	767	U	19.7	767
100-52-7	Benzaldehyde	767	U	29.4	767
92-87-5	Benzidine	1530	U	51.8	1530
56-55-3	Benzo(a)anthracene	76.7	U	10.2	76.7
50-32-8	Benzo(a)pyrene	76.7	U	10.2	76.7
205-99-2	Benzo(b)fluoranthene	49.0	J	7.11	384

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 14.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH4SB64-127-(0-0.5)

Contract:

Lab File ID: 2060722/B2692

Lab Sample ID: 20607200608

Date Collected: 07/18/06 Time: 1750

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2346

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	384	U	10.2	384
207-08-9	Benzo(k)fluoranthene	384	U	15.7	384
65-85-0	Benzoic acid	1940	U	179	1940
100-51-6	Benzyl alcohol	384	U	11.3	384
92-52-4	Biphenyl	384	U	11.3	384
111-91-1	Bis(2-Chloroethoxy)methane	384	U	13.2	384
111-44-4	Bis(2-Chloroethyl)ether	384	U	11.9	384
108-60-1	bis(2-Chloroisopropyl)ether	384	U	14.9	384
117-81-7	bis(2-ethylhexyl)phthalate	259	B	10.3	76.7
101-55-3	4-Bromophenyl-phenylether	384	U	9.36	384
85-68-7	Butylbenzylphthalate	384	U	12.6	384
105-60-2	Caprolactam	384	U	79.4	384
86-74-8	Carbazole	384	U	9.91	384
218-01-9	Chrysene	384	U	8.98	384
84-74-2	Di-n-butylphthalate	384	U	28.7	384
117-84-0	Di-n-octylphthalate	384	U	8.36	384
53-70-3	Dibenz(a,h)anthracene	76.7	U	9.70	76.7
132-64-9	Dibenzofuran	384	U	14.2	384
84-66-2	Diethylphthalate	384	U	17.1	384
131-11-3	Dimethyl-phthalate	384	U	12.6	384
105-67-9	2,4-Dimethylphenol	384	U	26.0	384
206-44-0	Fluoranthene	14.1	J	11.3	384
86-73-7	Fluorene	76.7	U	9.87	76.7
118-74-1	Hexachlorobenzene	384	U	12.4	384
77-47-4	Hexachlorocyclopentadiene	384	U	8.32	384
67-72-1	Hexachloroethane	384	U	16.1	384
193-39-5	Indeno(1,2,3-cd)pyrene	384	U	16.3	384
78-59-1	Isophorone	384	U	9.77	384
100-01-6	4-Nitroaniline	1940	U	27.8	1940

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 14.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH4SB64-127-(0-0.5)

Contract:

Lab File ID: 2060722/B2692

Lab Sample ID: 20607200608

Date Collected: 07/18/06 Time: 1750

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2346

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	384	U	14.4	384
100-02-7	4-Nitrophenol	1940	U	50.4	1940
87-86-5	Pentachlorophenol	1940	U	99.9	1940
85-01-8	Phenanthrene	76.7	U	12.5	76.7
108-95-2	Phenol	384	U	12.5	384
129-00-0	Pyrene	384	U	12.0	384
110-86-1	Pyridine	384	U	23.1	384
1319-77-3M	m,p-Cresol	384	U	14.2	384
621-64-7	N-Nitroso-di-n-propylamine	76.7	U	10.4	76.7
62-75-9	N-Nitrosodimethylamine	384	U	50.0	384
86-30-6	N-Nitrosodiphenylamine	384	U	11.4	384
95-48-7	o-Cresol	384	U	15.6	384

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2692.d
Lab Smp Id: 20607200608 Client Smp ID: 20607200608
Inj Date : 22-JUL-2006 23:46
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200608*4482*
Misc Info : 20607200608*MSSV~3839~*072006*30.0-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.653	0.648	(0.471)	300053	87.5661	2920
$ 4 Phenol-d5	99	1.178	1.181	(0.850)	1184964	68.7604	2290
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	231269	40.0000	
$ 19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	710161	38.6388	1290
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	748734	40.0000	
$ 37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	495737	41.5547	1390
* 44 Acenaphthene-d10	164	3.290	3.293	(1.000)	348066	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.773	3.775	(1.147)	115513	66.2021	2210
* 61 Phenanthrene-d10	188	4.184	4.184	(1.000)	471574	40.0000	
67 Fluoranthene +	202	4.914	4.914	(1.174)	5236	0.36437	12.1
69 Pyrene	202	5.047	5.047	(0.860)	6522	0.25617	8.54

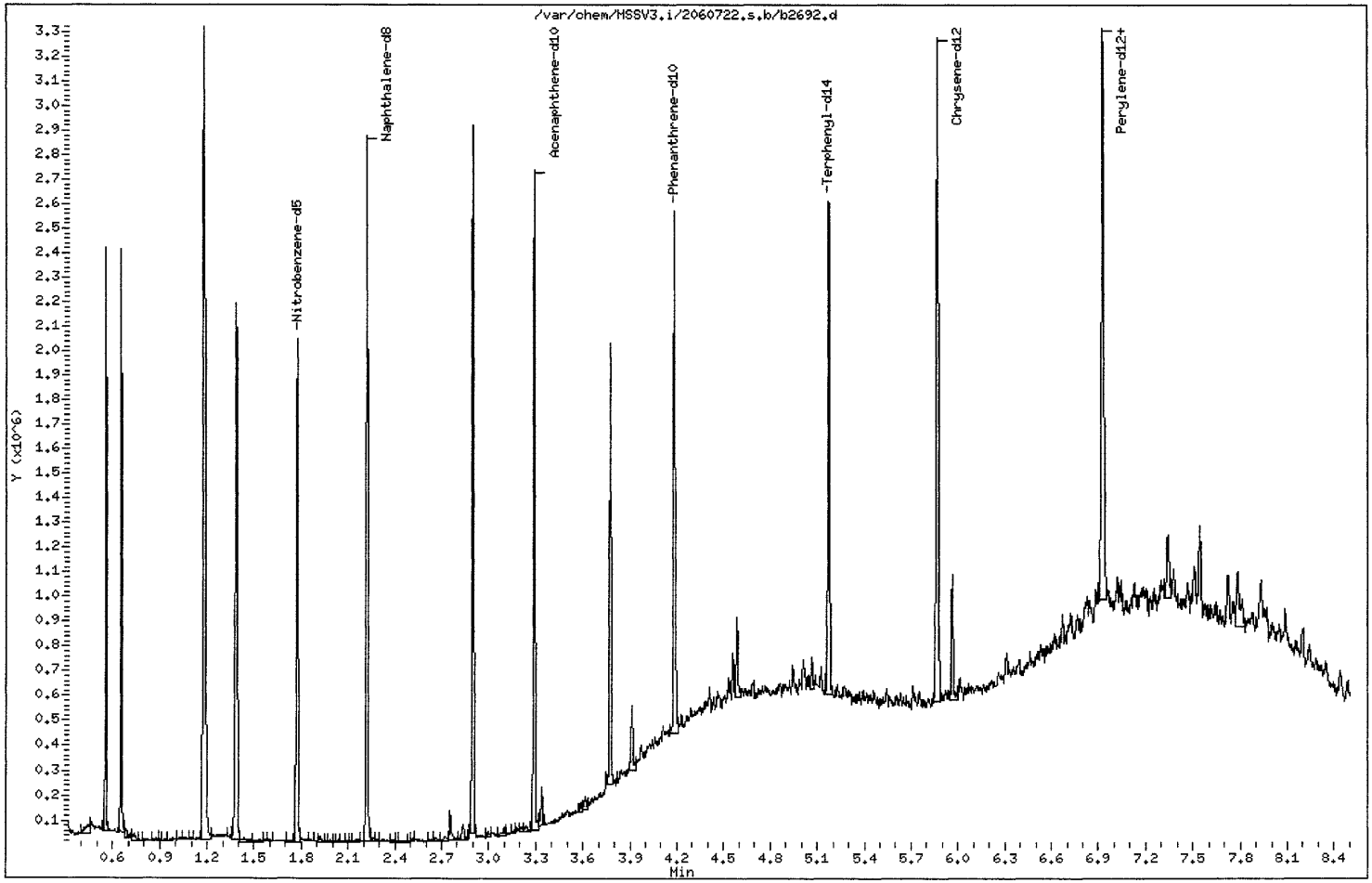
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 70 Terphenyl-d14	244	5.172	5.172	(0.881)	430941	24.4879	816
* 74 Chrysene-d12	240	5.867	5.867	(1.000)	758624	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.961	5.961	(1.016)	82832	6.68381	223
78 Benzo(b)fluoranthene	252	6.648	6.648	(0.960)	7107	1.26664	42.2
80 Benzo(a)pyrene +	252	6.838	6.880	(0.987)	4954	0.22621	7.54
* 81 Perylene-d12	264	6.926	6.920	(1.000)	831736	40.0000	

Data File: /var/chem/MSSV3.i/2060722.s.b/b2692.d
Date : 22-JUL-2006 23:46
Client ID: 20607200608
Sample Info: 20607200608*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25



Data File: /var/chem/MSSV3.i/2060722.s.b/b2692.d

Date : 22-JUL-2006 23:46

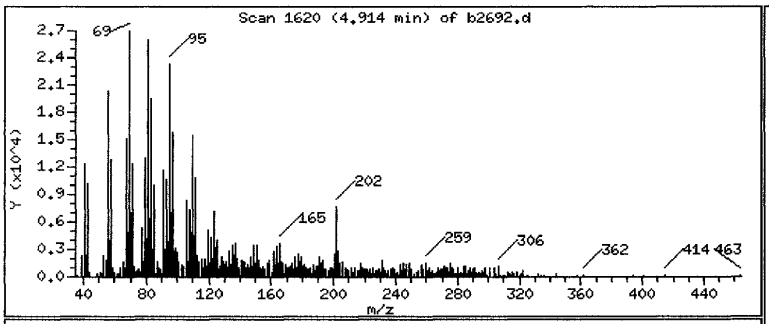
Client ID: 20607200608 Instrument: MSSV3.i

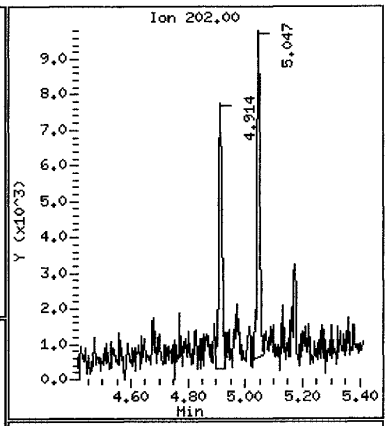
Sample Info: 20607200608*4482*

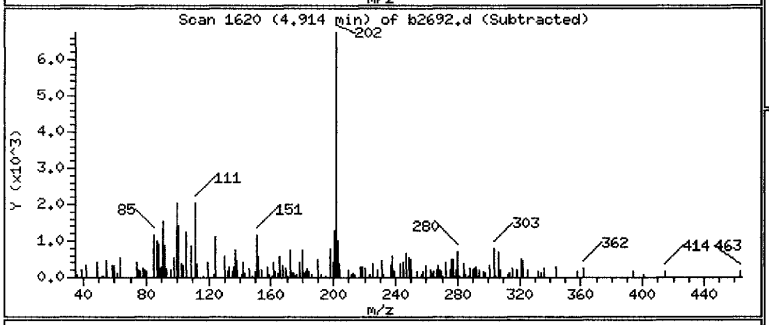
Volume Injected (uL): 1.0 Operator: rrr

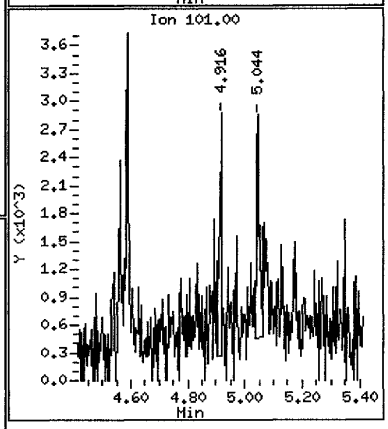
Column phase: RTX-5MS-30M Column diameter: 0.25

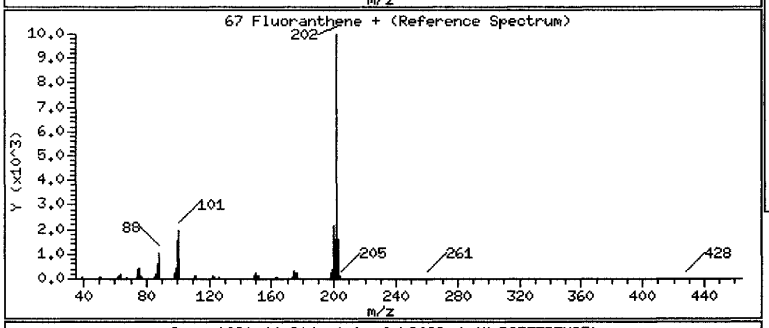
67 Fluoranthene + Concentration: 12.1 ug/Kg

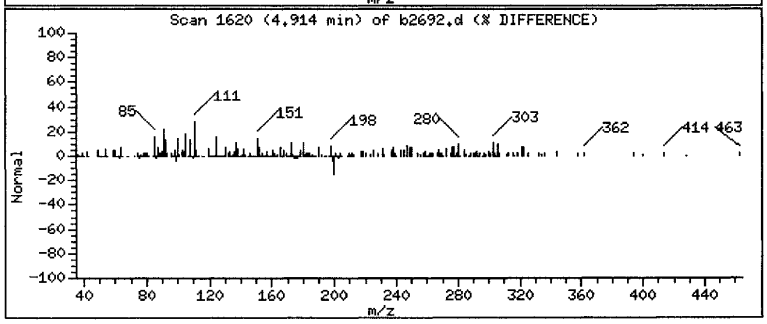












188843

Data File: /var/chem/MSSV3.i/2060722.s.b/b2692.d

Date : 22-JUL-2006 23:46

Client ID: 20607200608

Instrument: MSSV3.i

Sample Info: 20607200608*4482*

Volume Injected (uL): 1.0

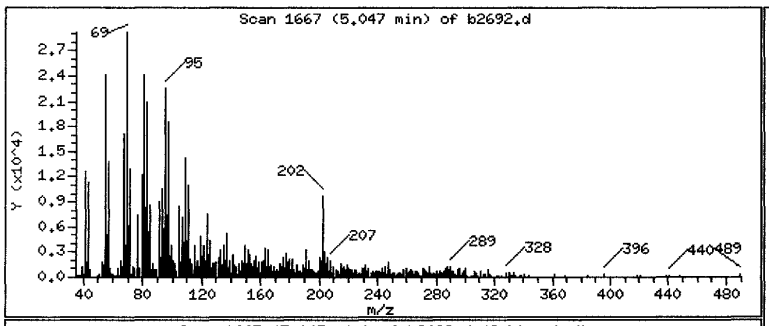
Operator: rrr

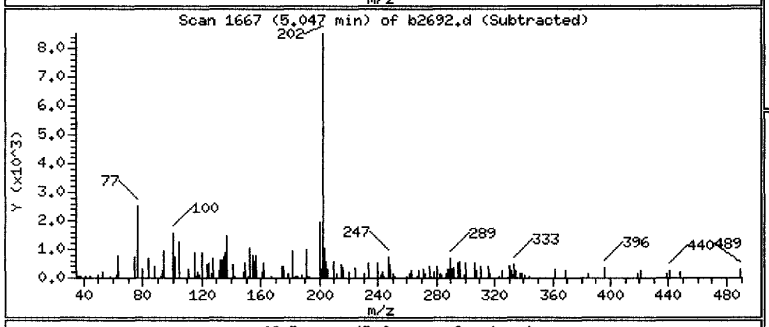
Column phase: RTX-5MS-30M

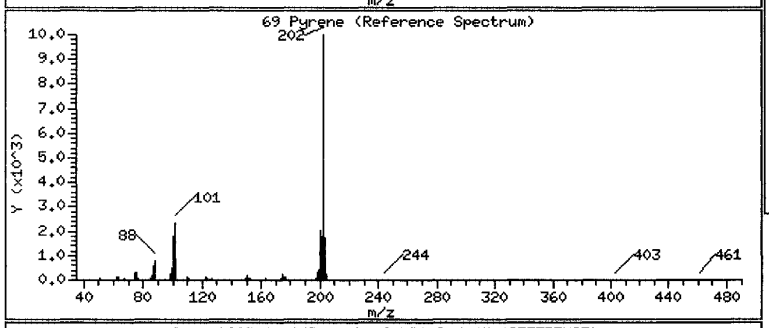
Column diameter: 0.25

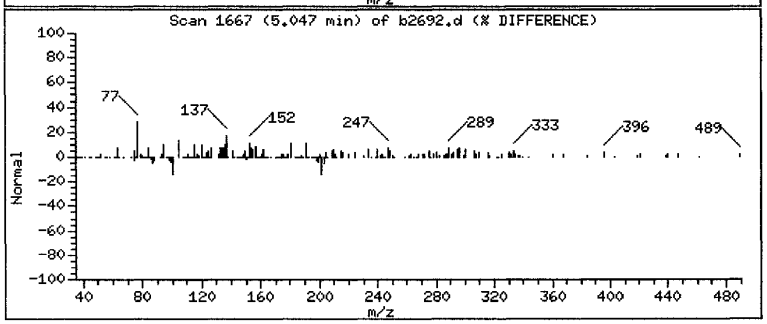
69 Pyrene

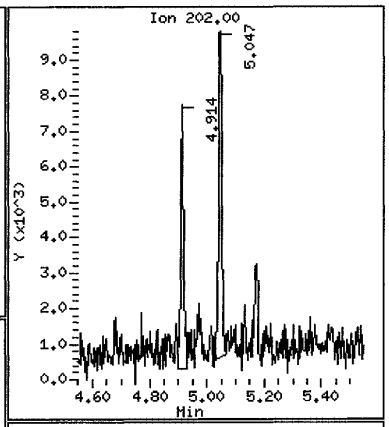
Concentration: 8.54 ug/Kg

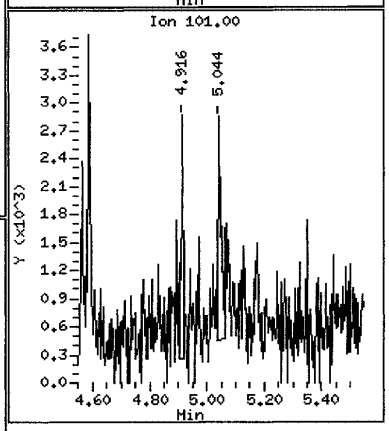












Data File: /var/chem/MSSV3.i/2060722.s.b/b2692.d

Date : 22-JUL-2006 23:46

Client ID: 20607200608

Instrument: MSSV3.i

Sample Info: 20607200608*4482*

Volume Injected (uL): 1.0

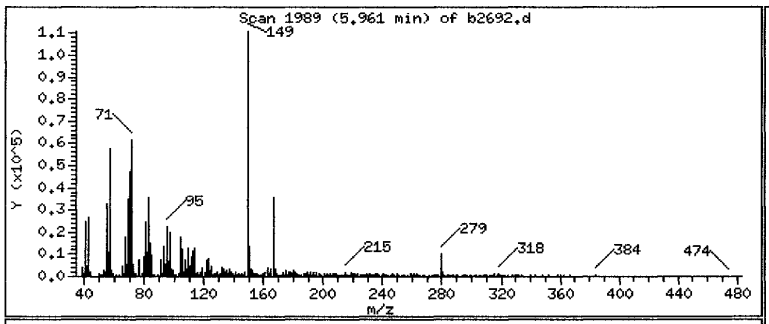
Operator: rrr

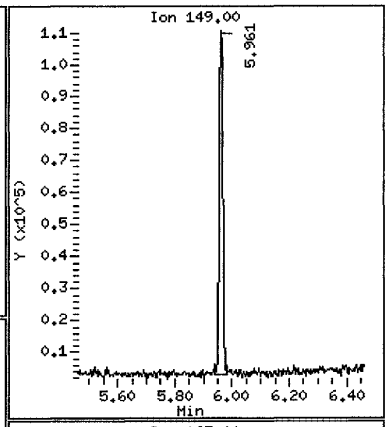
Column phase: RTX-5MS-30M

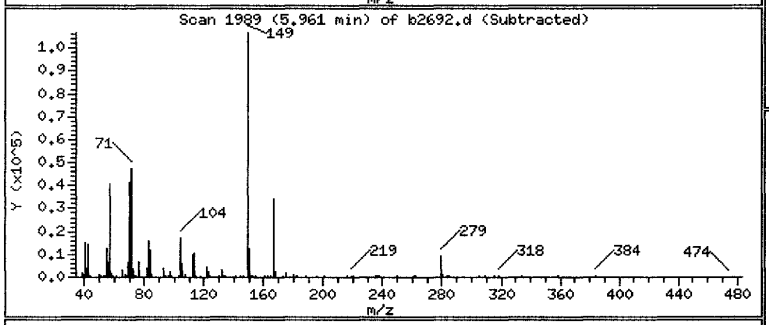
Column diameter: 0.25

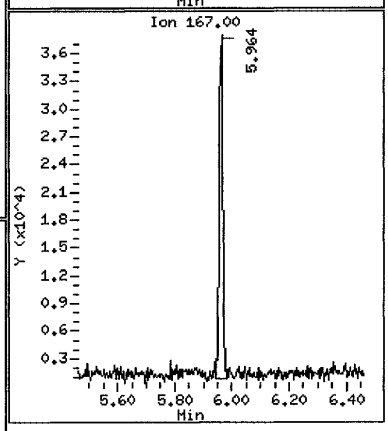
76 bis(2-Ethylhexyl)phthalate

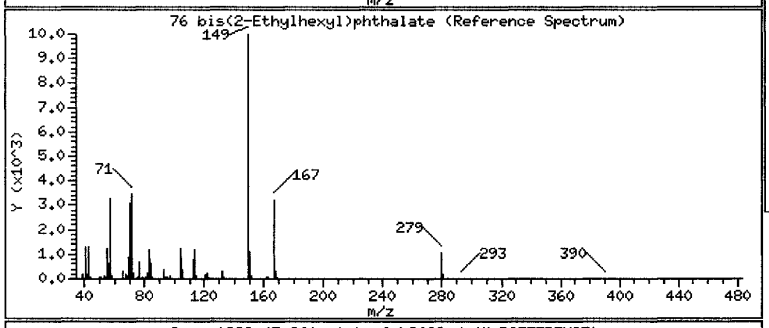
Concentration: 223 ug/Kg

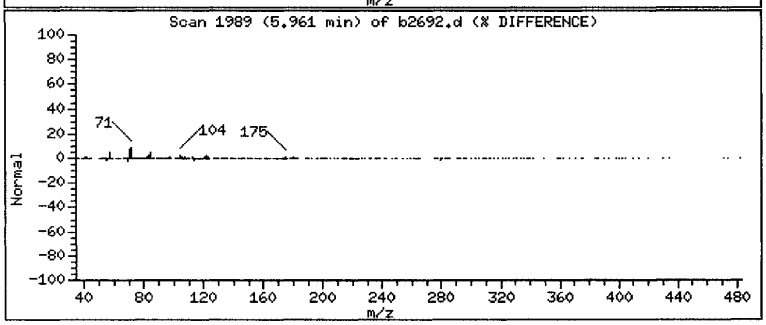












Data File: /var/chem/MSSV3.i/2060722.s.b/b2692.d

Date : 22-JUL-2006 23:46

Client ID: 20607200608

Instrument: MSSV3.i

Sample Info: 20607200608*4482*

Volume Injected (uL): 1.0

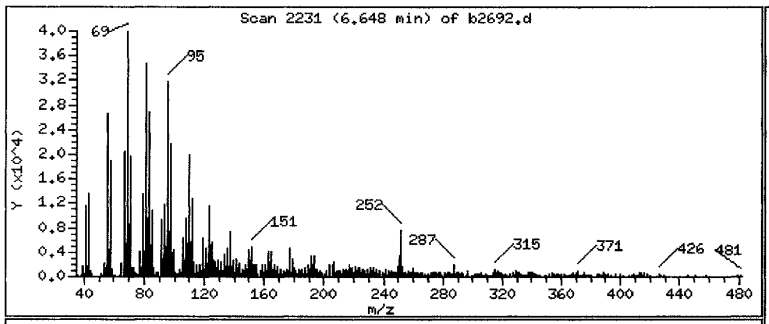
Operator: rrr

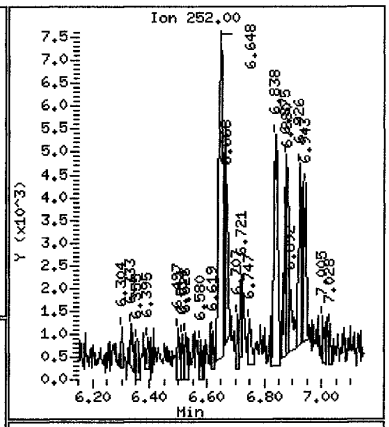
Column phase: RTX-5MS-30M

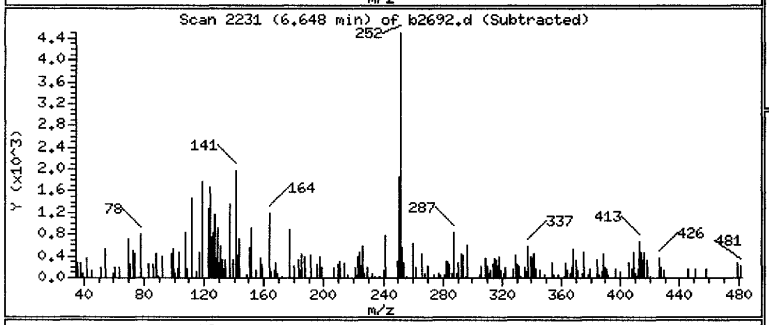
Column diameter: 0.25

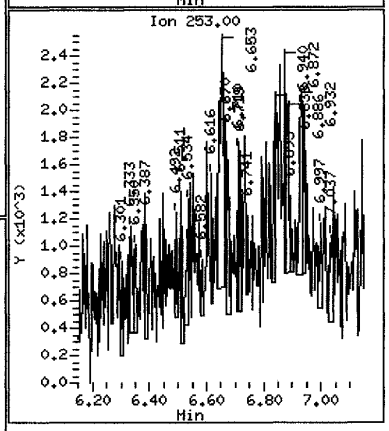
78 Benzo(b)fluoranthene

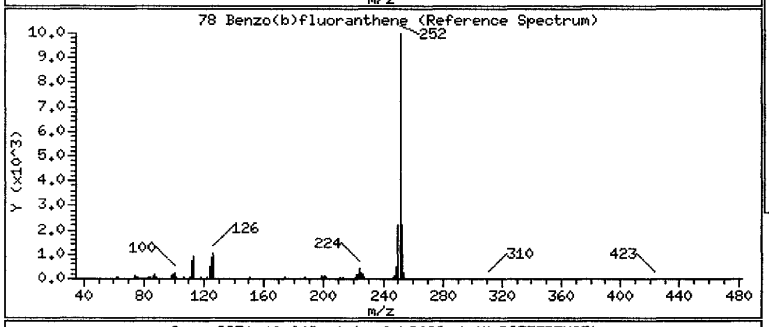
Concentration: 42.2 ug/Kg

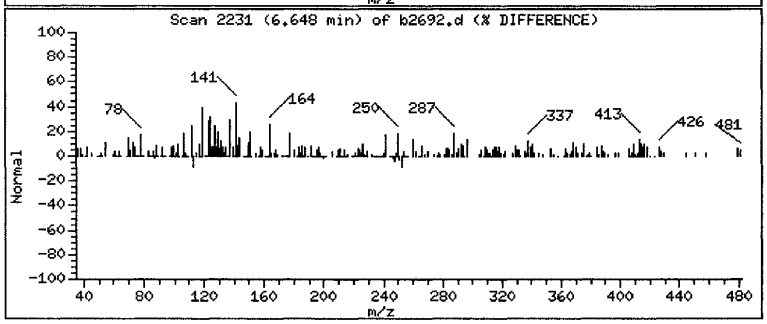












188846

Data File: /var/chem/MSSV3.i/2060722.s.b/b2692.d

Date : 22-JUL-2006 23:46

Client ID: 20607200608

Instrument: MSSV3.i

Sample Info: 20607200608*4482*

Volume Injected (uL): 1.0

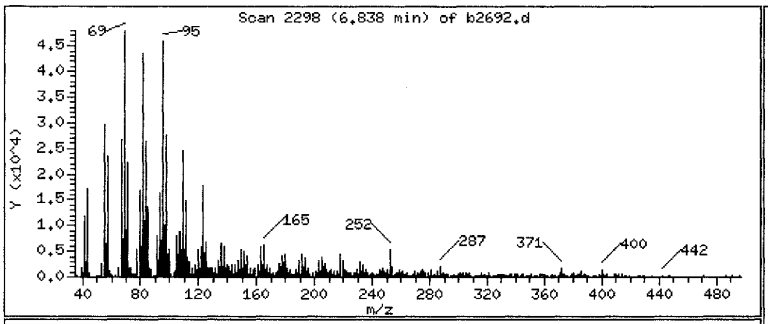
Operator: rrr

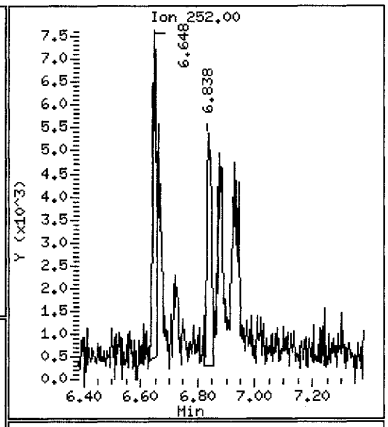
Column phase: RTX-5MS-30M

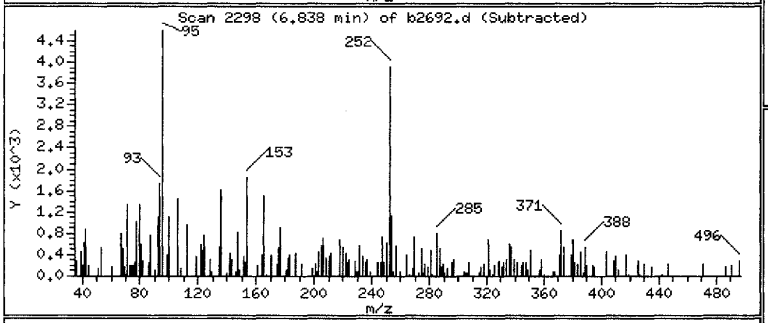
Column diameter: 0.25

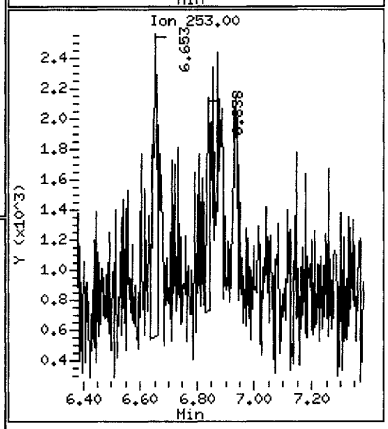
80 Benzo(a)pyrene +

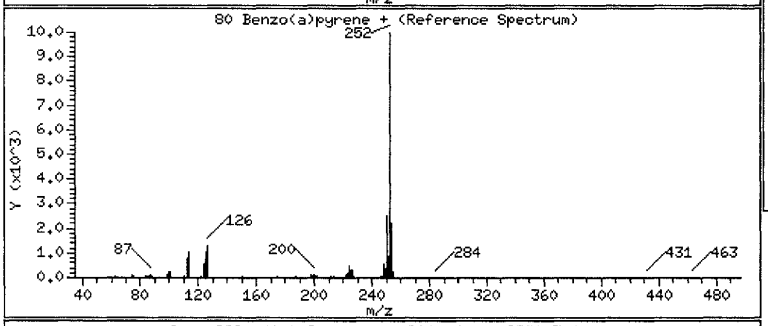
Concentration: 7.54 ug/Kg

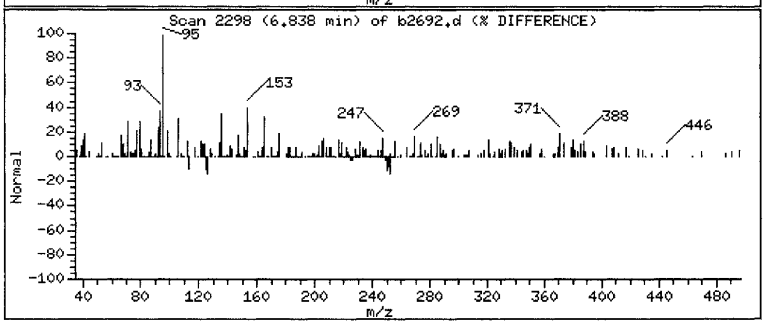








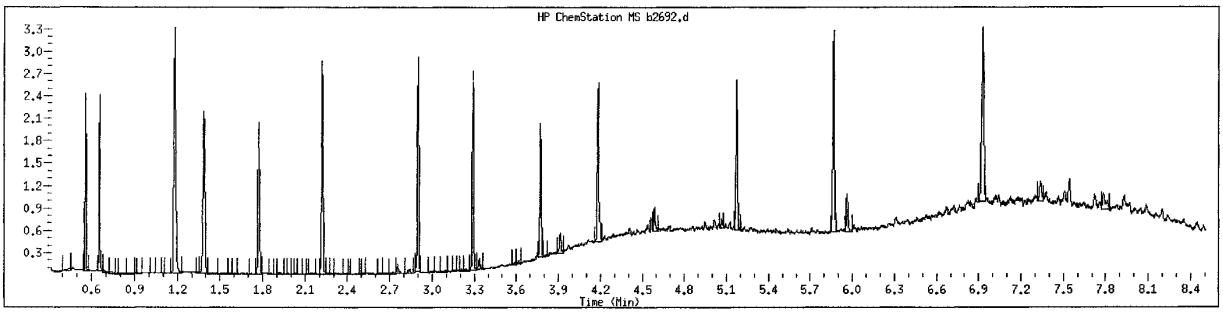




Data file : /var/chem/MSSV3.i/2060722.s.b/b2692.d Page: 1
Report Date: 07/23/2006 11:07

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200608 SampleType : SAMPLE
Injection Date: 22-JUL-2006 23:46 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200608*4482*
Misc Info : 20607200608*MSSV~3839~*072006*30.0-1*328412*
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



NO MANUAL INTEGRATIONS

188848

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.5 Units: g

Level: (low/med) LOW

% Moisture: 13.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF4SB46-091-(0-0.5)

Contract:

Lab File ID: 2060723/B2807

Lab Sample ID: 20607200609

Date Collected: 07/18/06 Time: 1705

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1519

Dilution Factor: 10 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	3740	U	81.2	3740
95-95-4	2,4,5-Trichlorophenol	3740	U	76.1	3740
88-06-2	2,4,6-Trichlorophenol	3740	U	168	3740
120-83-2	2,4-Dichlorophenol	3740	U	97.6	3740
51-28-5	2,4-Dinitrophenol	18900	U	641	18900
121-14-2	2,4-Dinitrotoluene	3740	U	168	3740
606-20-2	2,6-Dinitrotoluene	3740	U	90.7	3740
91-58-7	2-Chloronaphthalene	3740	U	101	3740
95-57-8	2-Chlorophenol	3740	U	59.8	3740
91-57-6	2-Methylnaphthalene	748	U	106	748
88-74-4	2-Nitroaniline	18900	U	245	18900
88-75-5	2-Nitrophenol	3740	U	149	3740
91-94-1	3,3'-Dichlorobenzidine	7480	U	470	7480
99-09-2	3-Nitroaniline	18900	U	103	18900
534-52-1	2-Methyl-4,6-dinitrophenol	18900	U	196	18900
59-50-7	4-Chloro-3-methylphenol	3740	U	150	3740
106-47-8	4-Chloroaniline	3740	U	330	3740
7005-72-3	4-Chlorophenyl-phenylether	3740	U	99.5	3740
83-32-9	Acenaphthene	748	U	97.5	748
208-96-8	Acenaphthylene	748	U	110	748
98-86-2	Acetophenone	3740	U	80.4	3740
62-53-3	Aniline	3740	U	72.5	3740
120-12-7	Anthracene	748	U	107	748
1912-24-9	Atrazine (Aatrex)	7480	U	192	7480
100-52-7	Benzaldehyde	7480	U	286	7480
92-87-5	Benzidine	15000	U	505	15000
56-55-3	Benzo(a)anthracene	748	U	99.8	748
50-32-8	Benzo(a)pyrene	145	J	99.1	748
205-99-2	Benzo(b)fluoranthene	540	J	69.3	3740

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.5 Units: g

Level: (low/med) LOW

% Moisture: 13.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF4SB46-091-(0-0.5)

Contract:

Lab File ID: 2060723/B2807

Lab Sample ID: 20607200609

Date Collected: 07/18/06 Time: 1705

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1519

Dilution Factor: 10 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	3740	U	99.2	3740
207-08-9	Benzo(k)fluoranthene	3740	U	153	3740
65-85-0	Benzoic acid	18900	U	1750	18900
100-51-6	Benzyl alcohol	3740	U	111	3740
92-52-4	Biphenyl	3740	U	110	3740
111-91-1	Bis(2-Chloroethoxy)methane	3740	U	129	3740
111-44-4	Bis(2-Chloroethyl)ether	3740	U	117	3740
108-60-1	bis(2-Chloroisopropyl)ether	3740	U	145	3740
117-81-7	bis(2-ethylhexyl)phthalate	391	JB	101	748
101-55-3	4-Bromophenyl-phenylether	3740	U	91.3	3740
85-68-7	Butylbenzylphthalate	3740	U	123	3740
105-60-2	Caprolactam	3740	U	775	3740
86-74-8	Carbazole	3740	U	96.7	3740
218-01-9	Chrysene	131	J	87.5	3740
84-74-2	Di-n-butylphthalate	3740	U	280	3740
117-84-0	Di-n-octylphthalate	3740	U	81.5	3740
53-70-3	Dibenz(a,h)anthracene	748	U	94.6	748
132-64-9	Dibenzofuran	3740	U	139	3740
84-66-2	Diethylphthalate	3740	U	167	3740
131-11-3	Dimethyl-phthalate	3740	U	123	3740
105-67-9	2,4-Dimethylphenol	3740	U	254	3740
206-44-0	Fluoranthene	240	J	110	3740
86-73-7	Fluorene	748	U	96.2	748
118-74-1	Hexachlorobenzene	3740	U	120	3740
77-47-4	Hexachlorocyclopentadiene	3740	U	81.2	3740
67-72-1	Hexachloroethane	3740	U	157	3740
193-39-5	Indeno(1,2,3-cd)pyrene	804	J	159	3740
78-59-1	Isophorone	3740	U	95.3	3740
100-01-6	4-Nitroaniline	18900	U	271	18900

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.5 Units: g

Level: (low/med) LOW

% Moisture: 13.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF4SB46-091-(0-0.5)

Contract:

Lab File ID: 2060723/B2807

Lab Sample ID: 20607200609

Date Collected: 07/18/06 Time: 1705

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1519

Dilution Factor: 10 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	3740	U	140	3740
100-02-7	4-Nitrophenol	18900	U	492	18900
87-86-5	Pentachlorophenol	18900	U	974	18900
85-01-8	Phenanthrene	748	U	122	748
108-95-2	Phenol	3740	U	122	3740
129-00-0	Pyrene	198	J	117	3740
110-86-1	Pyridine	3740	U	225	3740
1319-77-3M	m,p-Cresol	3740	U	139	3740
621-64-7	N-Nitroso-di-n-propylamine	748	U	101	748
62-75-9	N-Nitrosodimethylamine	3740	U	488	3740
86-30-6	N-Nitrosodiphenylamine	3740	U	112	3740
95-48-7	o-Cresol	3740	U	152	3740

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060723.s.b/b2807.d
Lab Smp Id: 20607200609 Client Smp ID: 20607200609
Inj Date : 23-JUL-2006 15:19
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200609*4482*
Misc Info : 20607200609*MSSV~3840~*072006*30.5-1X10*32841
Comment :
Method : /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:23 rlw Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 7
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.648	0.645	(0.469)	41764	11.1601	3660(R)
$ 4 Phenol-d5	99	1.179	1.178	(0.854)	157202	8.35257	2740
* 10 1,4-Dichlorobenzene-d4	152	1.380	1.383	(1.000)	252574	40.0000	
$ 19 Nitrobenzene-d5	82	1.769	1.772	(0.798)	92481	4.15684	1360
* 28 Naphthalene-d8	136	2.217	2.220	(1.000)	906326	40.0000	
$ 37 2-Fluorobiphenyl	172	2.896	2.898	(0.881)	70662	4.46361	1460
* 44 Acenaphthene-d10	164	3.287	3.290	(1.000)	461881	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.767	3.773	(1.146)	15782	6.81608	2230
* 61 Phenanthrene-d10	188	4.179	4.184	(1.000)	637496	40.0000	
67 Fluoranthene +	202	4.911	4.914	(1.175)	12332	0.63482	208
69 Pyrene	202	5.041	5.047	(0.860)	12304	0.52503	172

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 70 Terphenyl-d14	244	5.166	5.172	(0.881)	65484	4.04251	1330
* 74 Chrysene-d12	240	5.862	5.867	(1.000)	698303	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.955	5.961	(1.016)	2961	1.03355	339
75 Chrysene	228	5.876	5.887	(1.002)	8289	0.34762	114
78 Benzo(b)fluoranthene	252	6.639	6.648	(0.960)	9452	1.42913	469
80 Benzo(a)pyrene +	252	6.869	6.880	(0.993)	7212	0.38395	126
* 81 Perylene-d12	264	6.917	6.920	(1.000)	713386	40.0000	
82 Indeno(1,2,3-cd)pyrene	276	7.638	7.652	(1.303)	8005	2.12990	698

QC Flag Legend

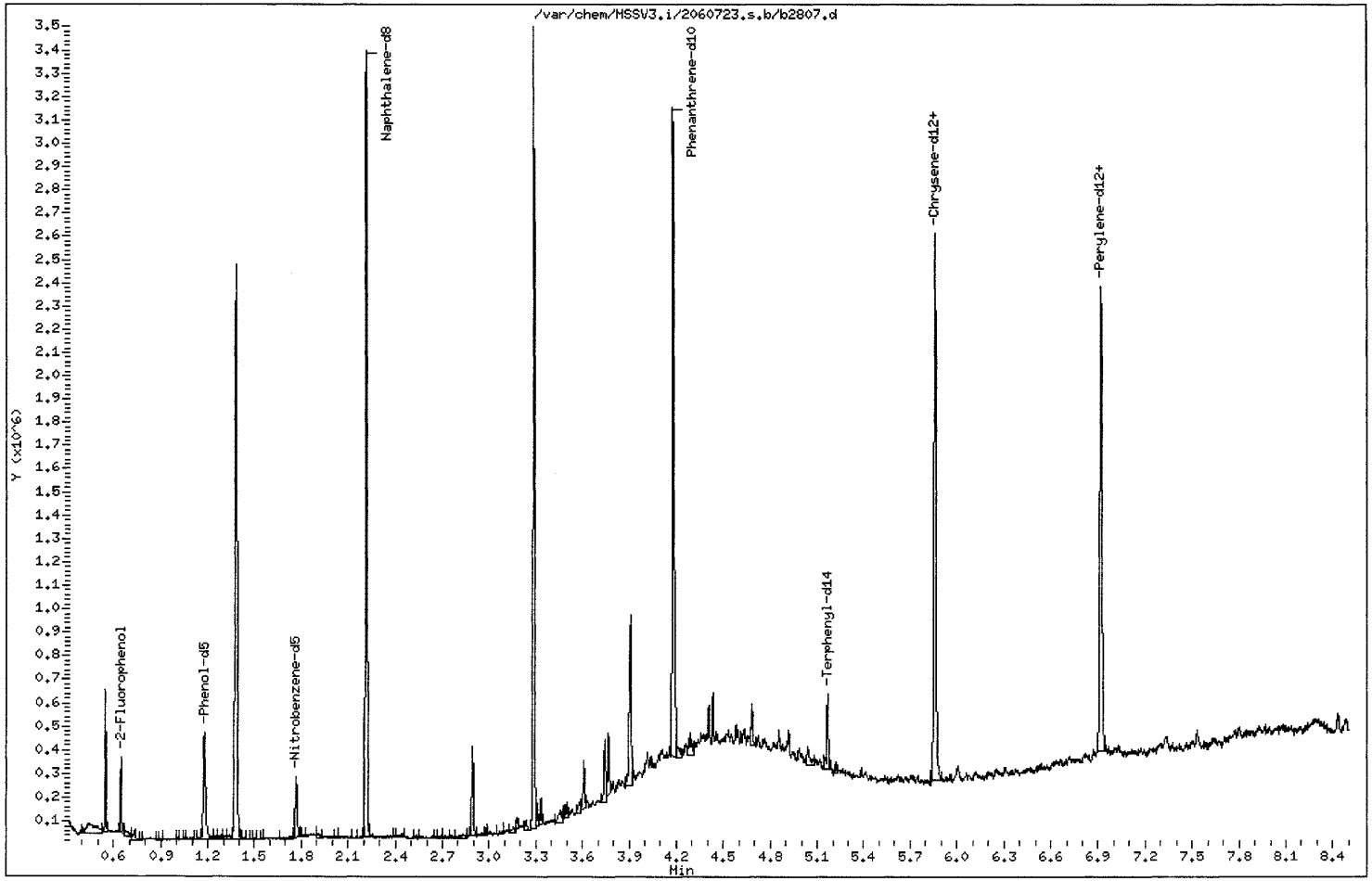
R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060723.s.b/b2807.d
Date : 23-JUL-2006 15:19
Client ID: 20607200609
Sample Info: 20607200609*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25



000882

188854

Data File: /var/chem/MSSV3.i/20060723.s.b/b2807.d

Date : 23-JUL-2006 15:19

Client ID: 20607200609

Instrument: MSSV3.i

Sample Info: 20607200609*4482*

Volume Injected (uL): 1.0

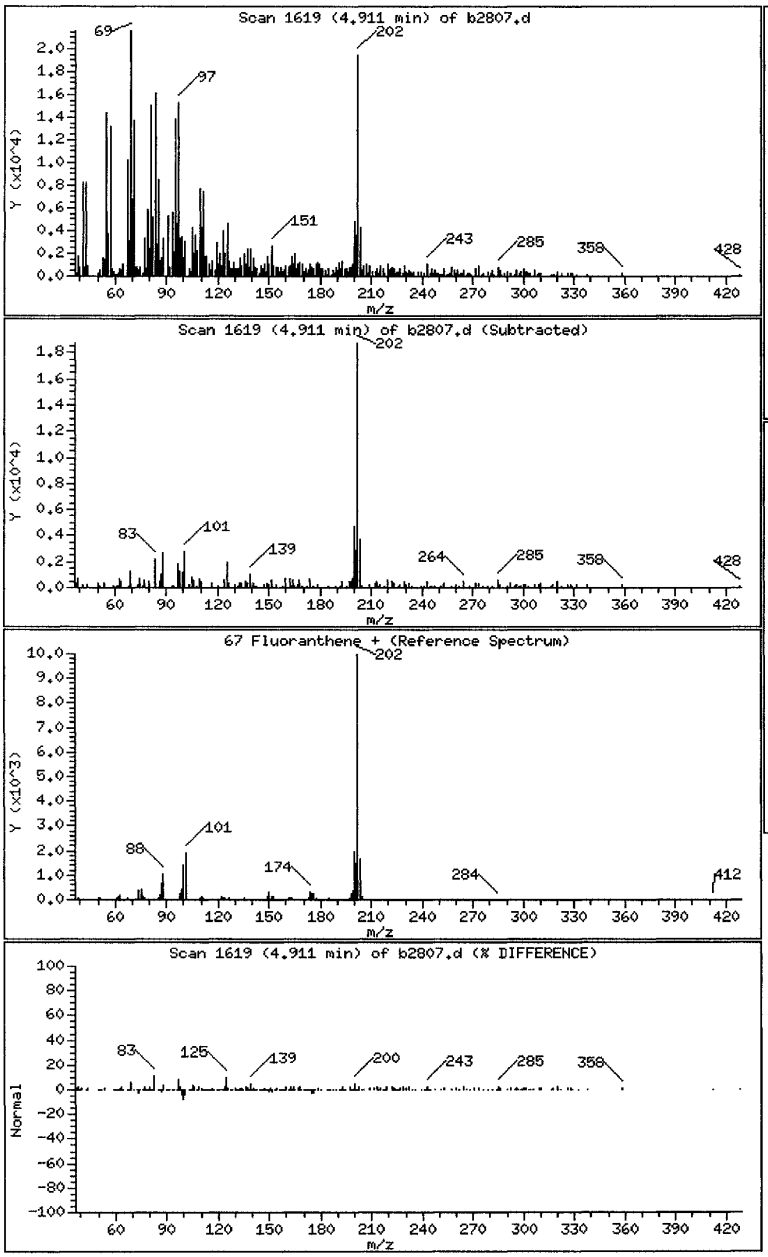
Operator: rrr

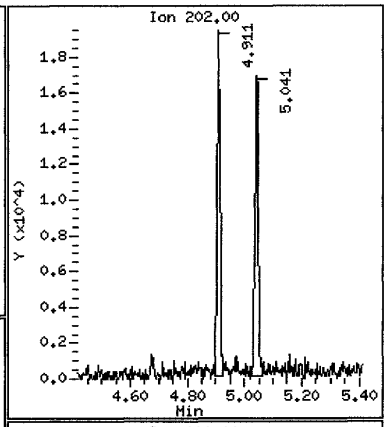
Column phase: RTX-5MS-30M

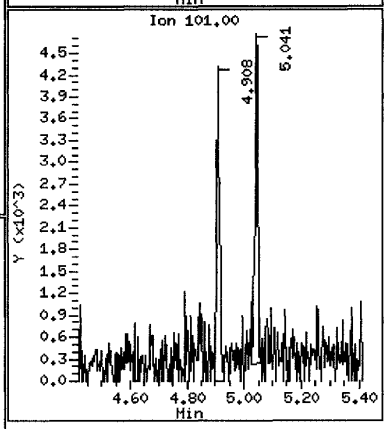
Column diameter: 0.25

67 Fluoranthene +

Concentration: 208 ug/Kg







Data File: /var/chem/MSSV3.i/20060723.s.b/b2807.d

Date : 23-JUL-2006 15:19

Client ID: 20607200609

Instrument: MSSV3.i

Sample Info: 20607200609*4482*

Volume Injected (uL): 1.0

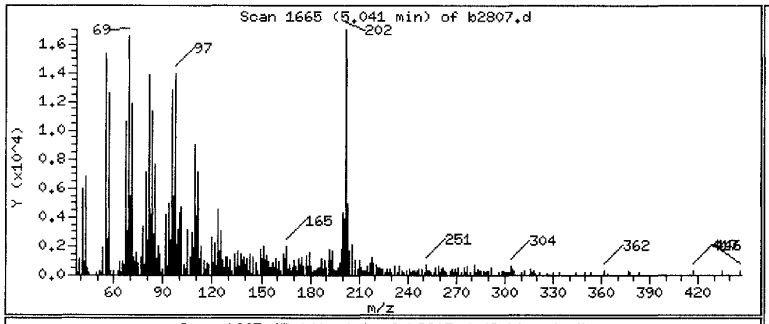
Operator: rrr

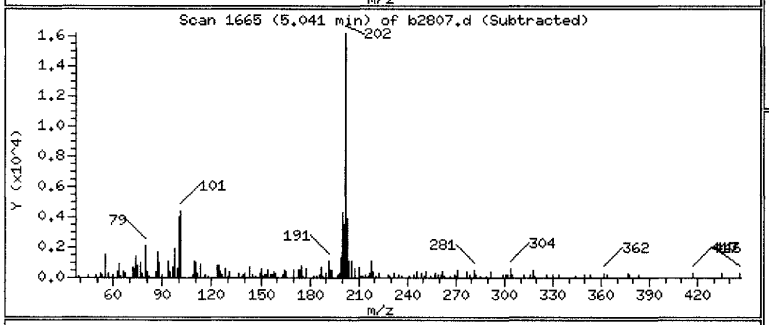
Column phase: RTX-5MS-30M

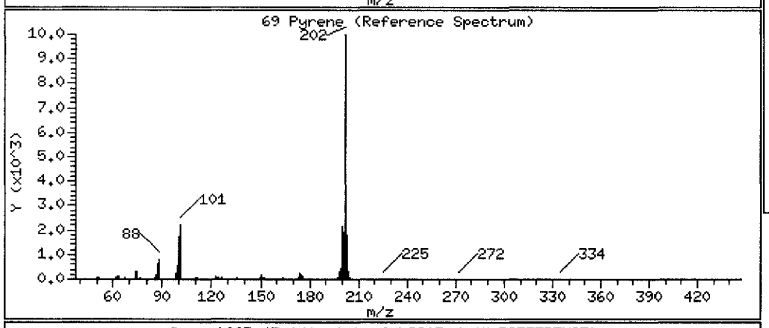
Column diameter: 0.25

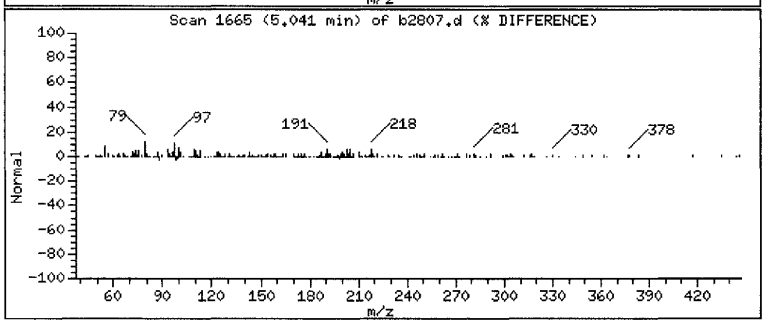
69 Pyrene

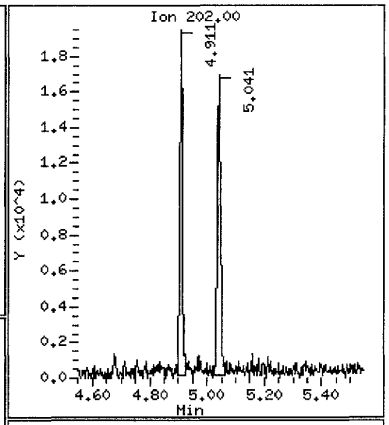
Concentration: 172 ug/Kg

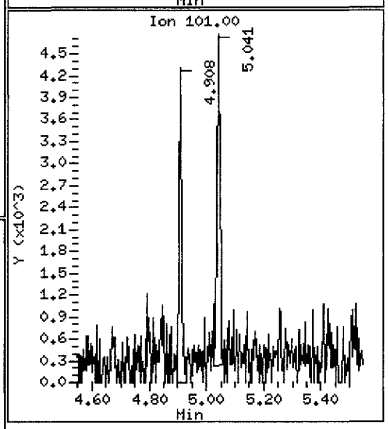












Data File: /var/chem/MSSV3.i/20607223.s.b/b2807.d

Date : 23-JUL-2006 15:19

Client ID: 20607200609

Instrument: MSSV3.i

Sample Info: 20607200609*4482*

Volume Injected (uL): 1.0

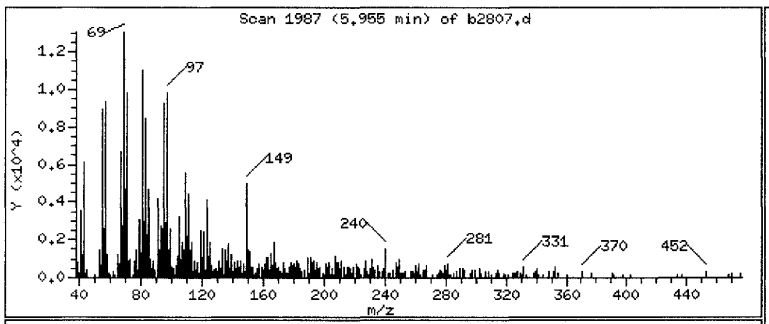
Operator: rrr

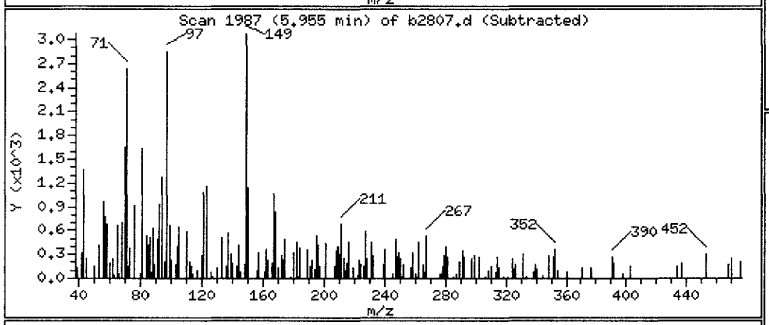
Column phase: RTX-5MS-30M

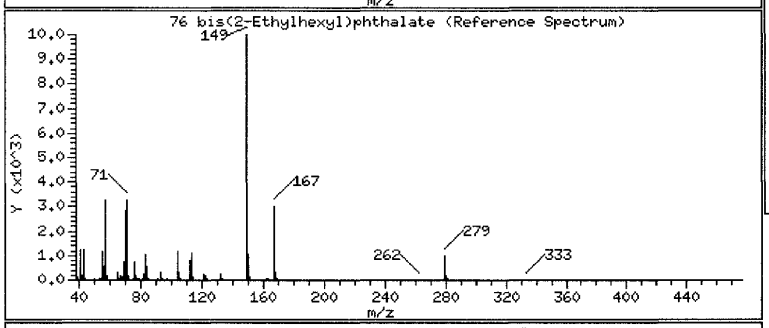
Column diameter: 0.25

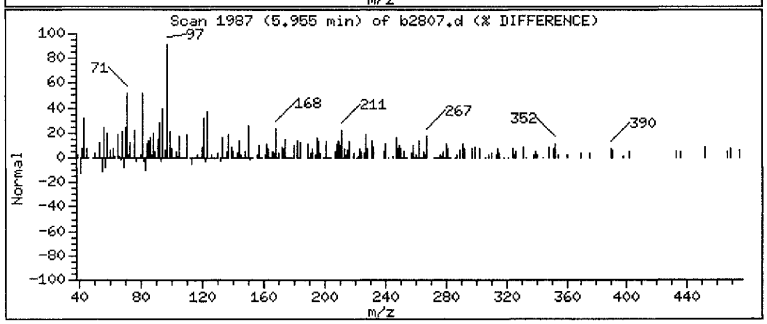
76 bis(2-Ethylhexyl)phthalate

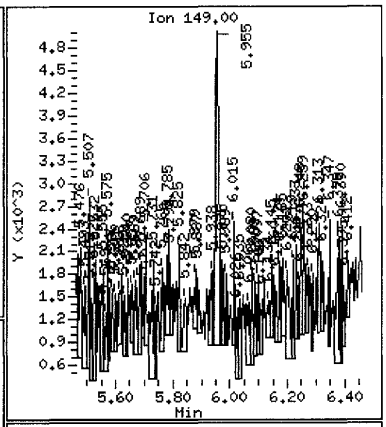
Concentration: 339 ug/Kg

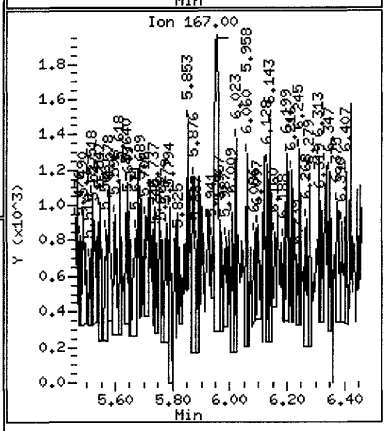












Data File: /var/chem/MSSV3.i/2060723.s.b/b2807.d

Date : 23-JUL-2006 15:19

Client ID: 20607200609

Instrument: MSSV3.i

Sample Info: 20607200609*4482*

Volume Injected (uL): 1.0

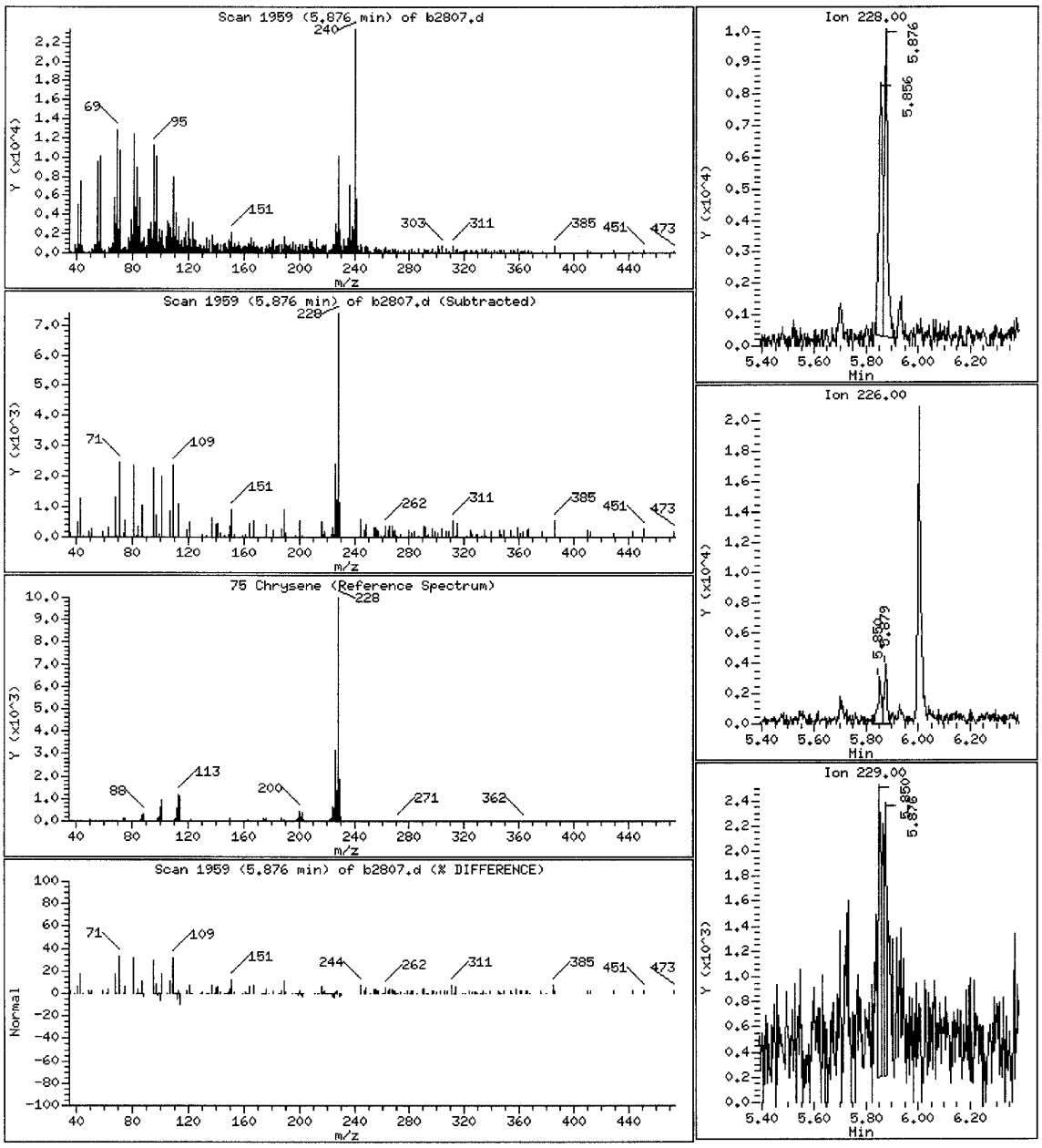
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

75 Chrysene

Concentration: 114 ug/Kg



Data File: /var/chem/MSSV3.i/2060723.s.b/b2807.d

Date : 23-JUL-2006 15:19

Client ID: 20607200609

Instrument: MSSV3.i

Sample Info: 20607200609*4482*

Volume Injected (uL): 1.0

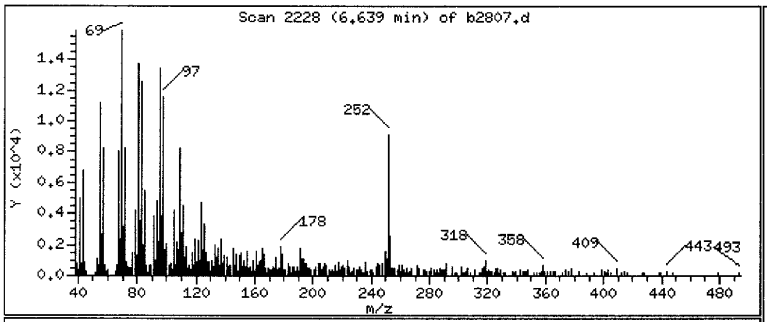
Operator: rrr

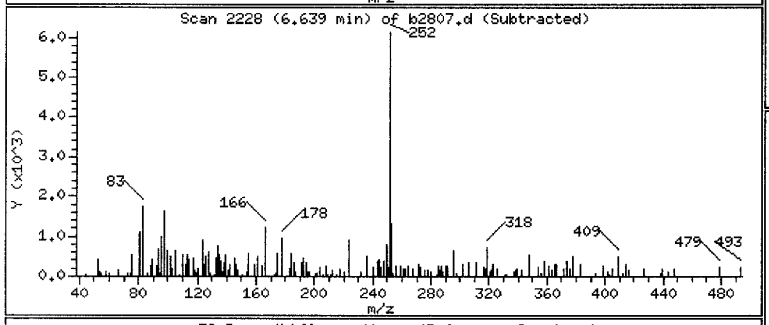
Column phase: RTX-5MS-30M

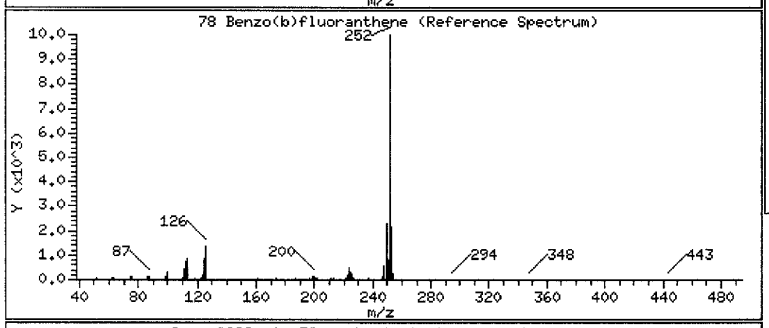
Column diameter: 0.25

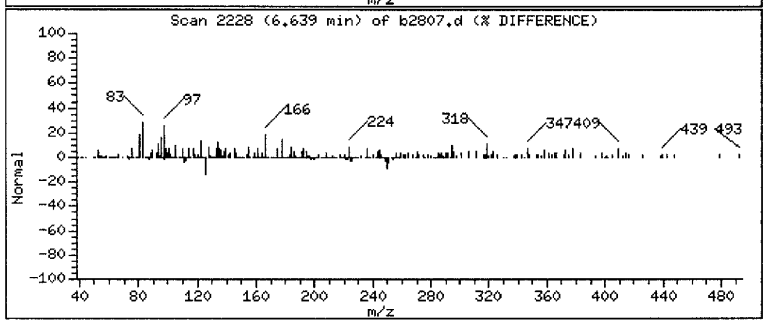
78 Benzo(b)fluoranthene

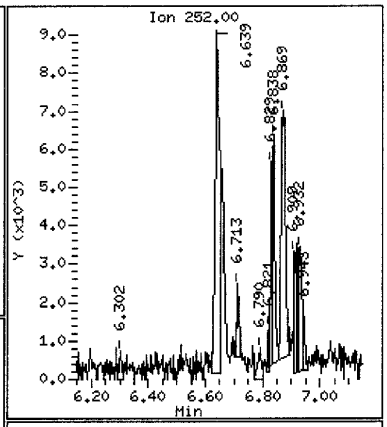
Concentration: 469 ug/Kg

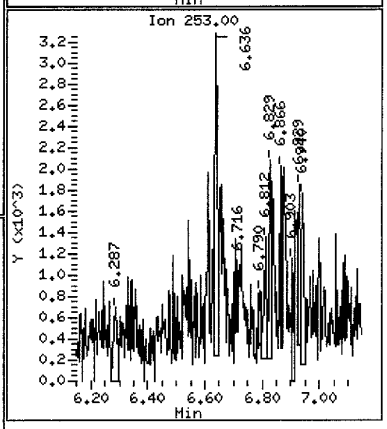












Data File: /var/chem/MSSV3.i/2060723.s.b/b2807.d

Date : 23-JUL-2006 15:19

Client ID: 20607200609

Instrument: MSSV3.i

Sample Info: 20607200609*4482*

Volume Injected (uL): 1.0

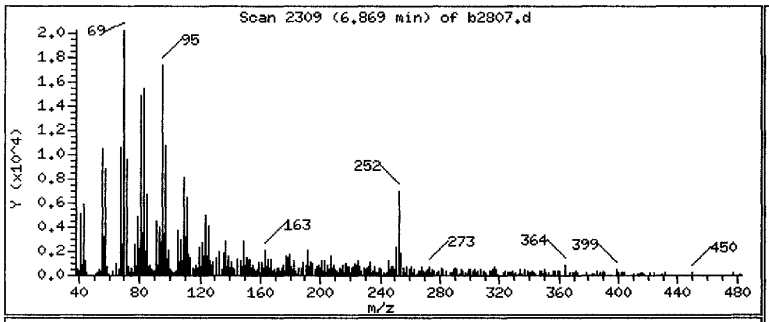
Operator: rrr

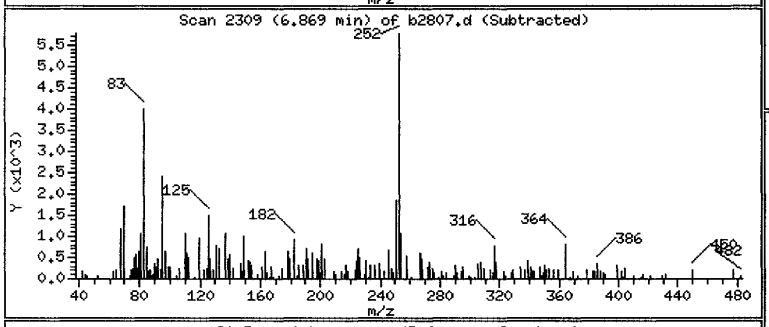
Column phase: RTX-5MS-30M

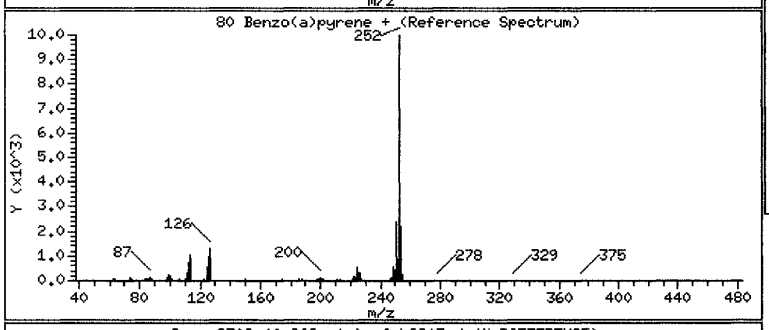
Column diameter: 0.25

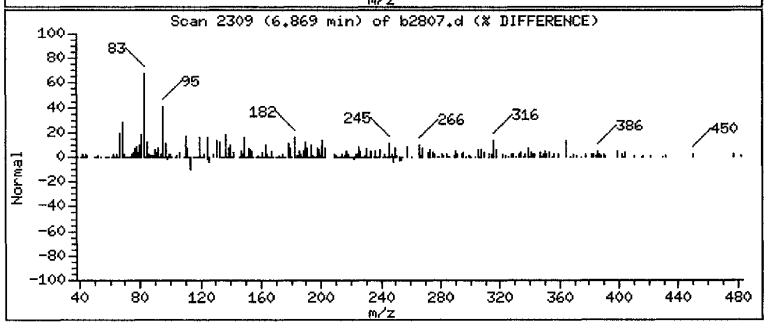
80 Benzo(a)pyrene +

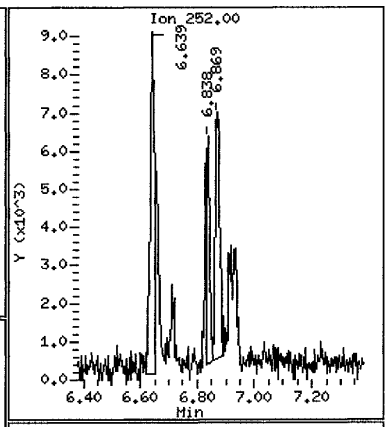
Concentration: 126 ug/Kg

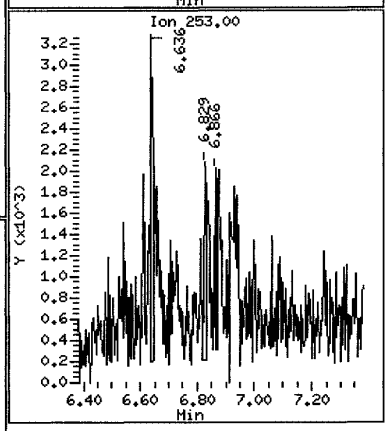












Data File: /var/chem/MSSV3.i/2060723.s.b/b2807.d

Date : 23-JUL-2006 15:19

Client ID: 20607200609

Instrument: MSSV3.i

Sample Info: 20607200609*4482*

Volume Injected (uL): 1.0

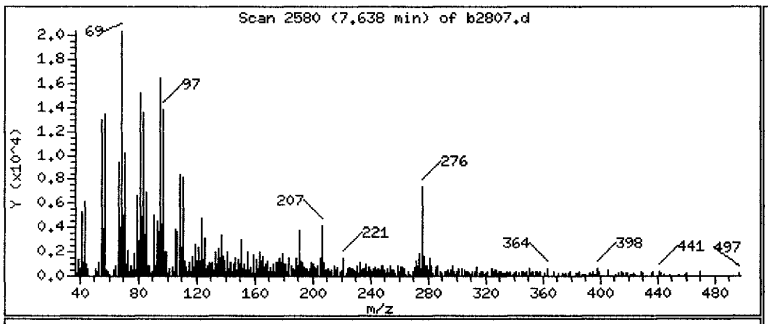
Operator: rrr

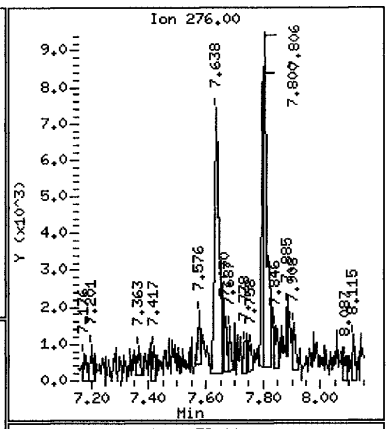
Column phase: RTX-5MS-30M

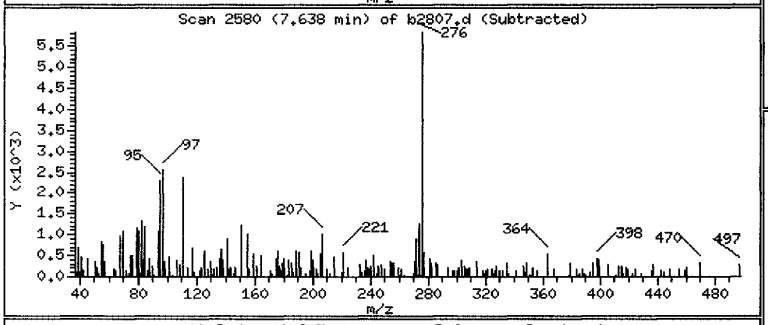
Column diameter: 0.25

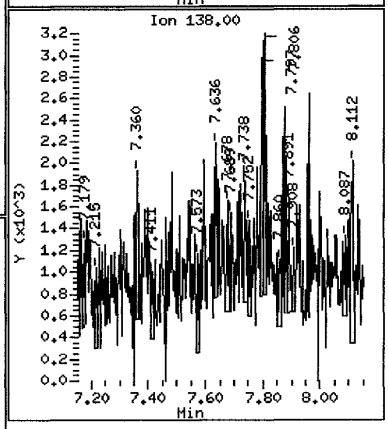
82 Indeno(1,2,3-cd)pyrene

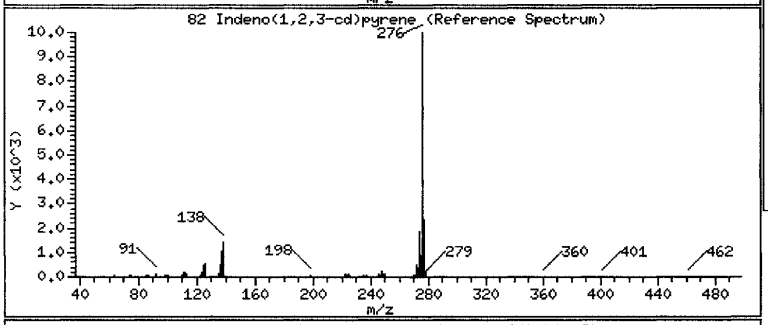
Concentration: 698 ug/Kg

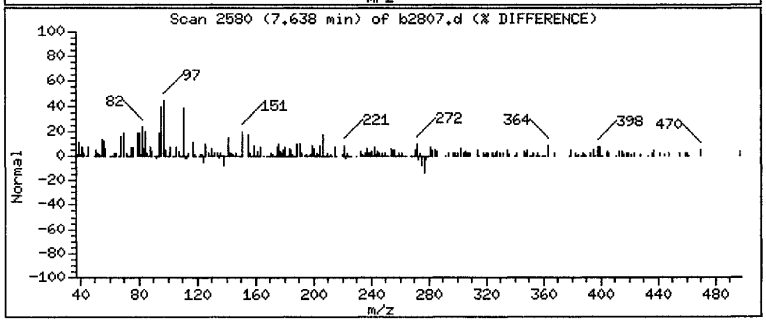










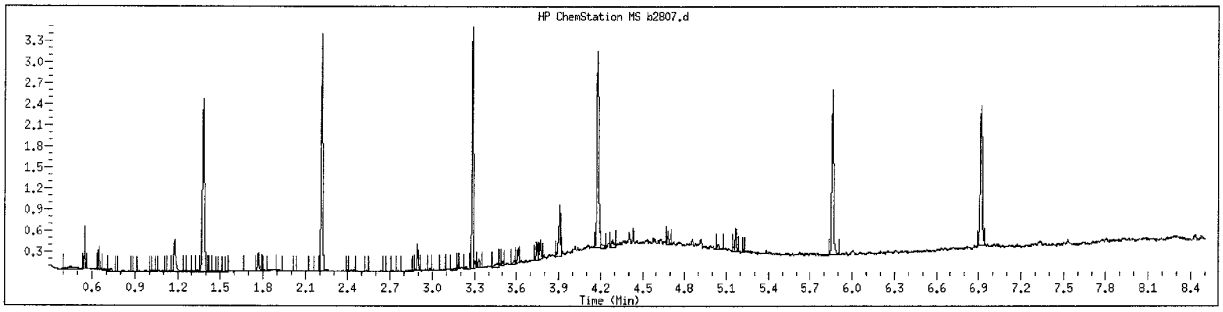


188861

Data file : /var/chem/MSSV3.i/2060723.s.b/b2807.d Page: 1
Report Date: 07/26/2006 09:05

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200609 SampleType : SAMPLE
Injection Date: 23-JUL-2006 15:19 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200609*4482*
Misc Info : 20607200609*MSSV~3840~*072006*30.5-1X10*32841
Method : /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m
Dilution : 10.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



NO MANUAL INTEGRATIONS

188862

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.4 Units: g

Level: (low/med) LOW

% Moisture: 17.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF4SB46-092-(1-2)

Contract:

Lab File ID: 2060723/B2808

Lab Sample ID: 20607200611

Date Collected: 07/18/06 Time: 1700

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1534

Dilution Factor: 10 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	3920	U	85.2	3920
95-95-4	2,4,5-Trichlorophenol	3920	U	79.8	3920
88-06-2	2,4,6-Trichlorophenol	3920	U	176	3920
120-83-2	2,4-Dichlorophenol	3920	U	102	3920
51-28-5	2,4-Dinitrophenol	19900	U	672	19900
121-14-2	2,4-Dinitrotoluene	3920	U	177	3920
606-20-2	2,6-Dinitrotoluene	3920	U	95.1	3920
91-58-7	2-Chloronaphthalene	3920	U	106	3920
95-57-8	2-Chlorophenol	3920	U	62.8	3920
91-57-6	2-Methylnaphthalene	227	J	111	785
88-74-4	2-Nitroaniline	19900	U	257	19900
88-75-5	2-Nitrophenol	3920	U	156	3920
91-94-1	3,3'-Dichlorobenzidine	7850	U	493	7850
99-09-2	3-Nitroaniline	19900	U	108	19900
534-52-1	2-Methyl-4,6-dinitrophenol	19900	U	206	19900
59-50-7	4-Chloro-3-methylphenol	3920	U	157	3920
106-47-8	4-Chloroaniline	3920	U	346	3920
7005-72-3	4-Chlorophenyl-phenylether	3920	U	104	3920
83-32-9	Acenaphthene	785	U	102	785
208-96-8	Acenaphthylene	292	J	116	785
98-86-2	Acetophenone	3920	U	84.4	3920
62-53-3	Aniline	3920	U	76.1	3920
120-12-7	Anthracene	642	J	112	785
1912-24-9	Atrazine (Aatrex)	7850	U	201	7850
100-52-7	Benzaldehyde	7850	U	300	7850
92-87-5	Benzidine	15700	U	530	15700
56-55-3	Benzo(a)anthracene	785	U	105	785
50-32-8	Benzo(a)pyrene	921		104	785
205-99-2	Benzo(b)fluoranthene	753	J	72.7	3920

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.4 Units: g

Level: (low/med) LOW

% Moisture: 17.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF4SB46-092-(1-2)

Contract:

Lab File ID: 2060723/B2808

Lab Sample ID: 20607200611

Date Collected: 07/18/06 Time: 1700

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1534

Dilution Factor: 10 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	740	J	104	3920
207-08-9	Benzo(k)fluoranthene	3920	U	161	3920
65-85-0	Benzoic acid	19900	U	1830	19900
100-51-6	Benzyl alcohol	3920	U	116	3920
92-52-4	Biphenyl	3920	U	115	3920
111-91-1	Bis(2-Chloroethoxy)methane	3920	U	135	3920
111-44-4	Bis(2-Chloroethyl)ether	3920	U	122	3920
108-60-1	bis(2-Chloroisopropyl)ether	3920	U	152	3920
117-81-7	bis(2-ethylhexyl)phthalate	785	U	106	785
101-55-3	4-Bromophenyl-phenylether	3920	U	95.8	3920
85-68-7	Butylbenzylphthalate	3920	U	129	3920
105-60-2	Caprolactam	1130	J	813	3920
86-74-8	Carbazole	3920	U	101	3920
218-01-9	Chrysene	3210	J	91.8	3920
84-74-2	Di-n-butylphthalate	3920	U	294	3920
117-84-0	Di-n-octylphthalate	3920	U	85.5	3920
53-70-3	Dibenz(a,h)anthracene	785	U	99.2	785
132-64-9	Dibenzofuran	3920	U	146	3920
84-66-2	Diethylphthalate	3920	U	175	3920
131-11-3	Dimethyl-phthalate	3920	U	129	3920
105-67-9	2,4-Dimethylphenol	3920	U	266	3920
206-44-0	Fluoranthene	3920	U	116	3920
86-73-7	Fluorene	547	J	101	785
118-74-1	Hexachlorobenzene	3920	U	126	3920
77-47-4	Hexachlorocyclopentadiene	3920	U	85.2	3920
67-72-1	Hexachloroethane	3920	U	165	3920
193-39-5	Indeno(1,2,3-cd)pyrene	1040	J	167	3920
78-59-1	Isophorone	3920	U	100	3920
100-01-6	4-Nitroaniline	19900	U	284	19900

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.4 Units: g

Level: (low/med) LOW

% Moisture: 17.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/kg*

Sample ID: SF4SB46-092-(1-2)

Contract:

Lab File ID: 2060723/B2808

Lab Sample ID: 20607200611

Date Collected: 07/18/06 Time: 1700

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1534

Dilution Factor: 10 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	3920	U	147	3920
100-02-7	4-Nitrophenol	19900	U	516	19900
87-86-5	Pentachlorophenol	19900	U	1020	19900
85-01-8	Phenanthrene	2510		128	785
108-95-2	Phenol	3920	U	128	3920
129-00-0	Pyrene	2310	J	123	3920
110-86-1	Pyridine	3920	U	236	3920
1319-77-3M	m,p-Cresol	3920	U	146	3920
621-64-7	N-Nitroso-di-n-propylamine	785	U	106	785
62-75-9	N-Nitrosodimethylamine	3920	U	512	3920
86-30-6	N-Nitrosodiphenylamine	3920	U	117	3920
95-48-7	o-Cresol	3920	U	160	3920

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060723.s.b/b2808.d
Lab Smp Id: 20607200611 Client Smp ID: 20607200611
Inj Date : 23-JUL-2006 15:34
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200611*4482*
Misc Info : 20607200611*MSSV~3840~*072006*30.4-1X10*32841
Comment :
Method : /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:23 rlw Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 8
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.648	0.645	(0.469)	41297	12.2647	4030(R)
$ 4 Phenol-d5	99	1.179	1.178	(0.854)	158849	9.38037	3090
* 10 1,4-Dichlorobenzene-d4	152	1.380	1.383	(1.000)	227256	40.0000	
$ 19 Nitrobenzene-d5	82	1.769	1.772	(0.798)	96102	4.63536	1520
* 28 Naphthalene-d8	136	2.217	2.220	(1.000)	844585	40.0000	
29 Naphthalene	128	2.229	2.234	(1.005)	14897	0.61070	201
33 2-Methylnaphthalene	142	2.660	2.663	(1.200)	9016	0.57163	188
145 1-Methylnapthalene	142	2.717	2.720	(1.225)	32005	2.46892	812
$ 37 2-Fluorobiphenyl	172	2.896	2.898	(0.881)	79122	4.92977	1620
42 Acenaphthylene	152	3.199	3.202	(0.973)	16858	0.73423	242
* 44 Acenaphthene-d10	164	3.287	3.290	(1.000)	468276	40.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	CONCENTRATIONS FINAL (ug/Kg)
	51 Fluorene	166	3.619	3.622	(1.101)	23348	1.37943	454
$	57 2,4,6-Tribromophenol	332	3.770	3.773	(1.147)	20790	8.85636	2910
*	61 Phenanthrene-d10	188	4.181	4.184	(1.000)	704110	40.0000	
	62 Phenanthrene	178	4.196	4.198	(1.003)	141408	6.30870	2080
	63 Anthracene	178	4.227	4.230	(1.011)	35866	1.61984	533
	69 Pyrene	202	5.044	5.047	(0.860)	128631	5.83630	1920
$	70 Terphenyl-d14	244	5.172	5.172	(0.882)	68427	4.49158	1480
*	74 Chrysene-d12	240	5.864	5.867	(1.000)	656732	40.0000	
	75 Chrysene	228	5.881	5.887	(1.003)	181382	8.08810	2660
	78 Benzo(b)fluoranthene	252	6.645	6.648	(0.959)	19497	1.90127	625
	80 Benzo(a)pyrene +	252	6.878	6.880	(0.993)	44294	2.32270	764
*	81 Perylene-d12	264	6.926	6.920	(1.000)	724261	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.650	7.652	(1.304)	20316	2.62278	863
	84 Benzo(g,h,i)perylene	276	7.814	7.820	(1.128)	47714	1.86780	614
	156 Caprolactam	113	2.535	2.535	(1.143)	9508	2.86163	941

QC Flag Legend

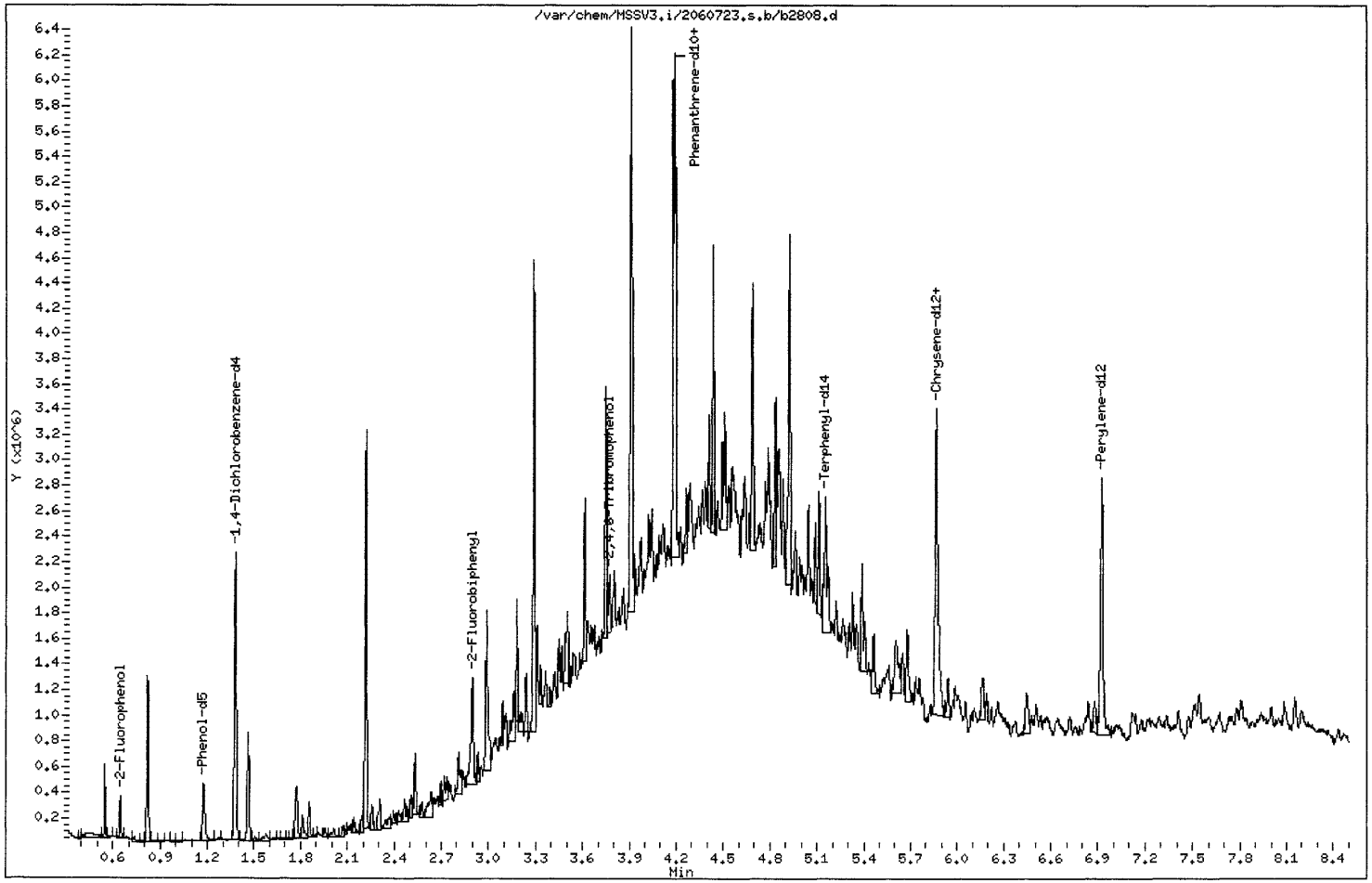
R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d
Date : 23-JUL-2006 15:34
Client ID: 206072006 11
Sample Info: 206072006 11*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25



188868

000896

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

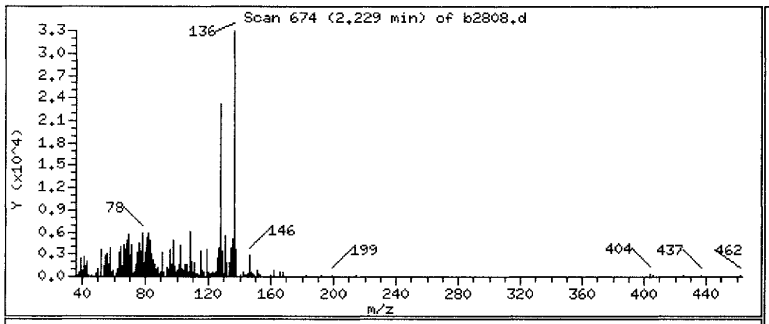
Operator: rrr

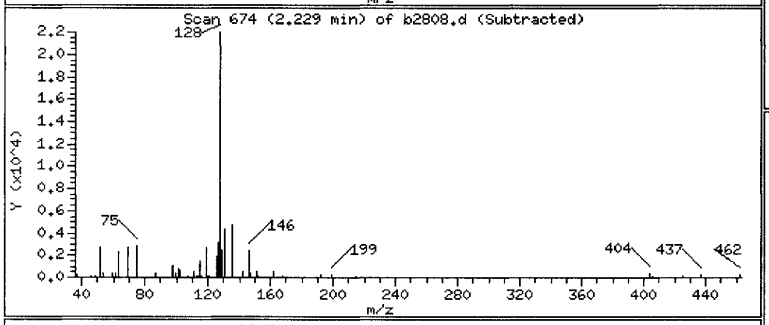
Column phase: RTX-5MS-30M

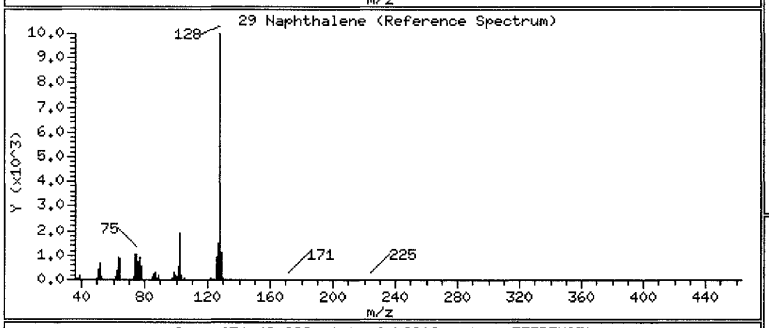
Column diameter: 0.25

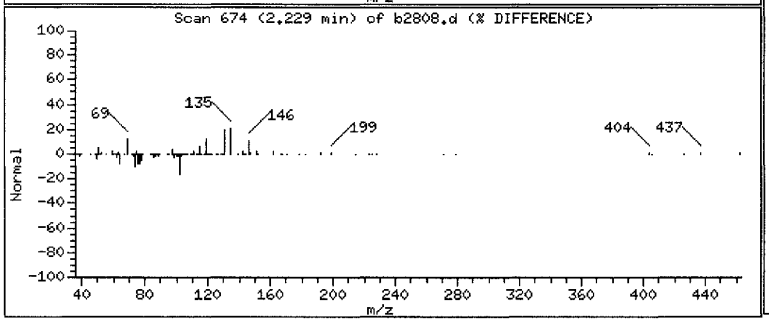
29 Naphthalene

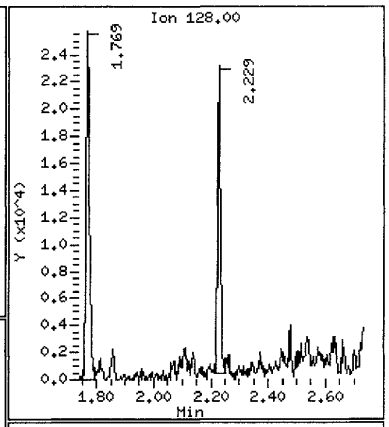
Concentration: 201 ug/Kg

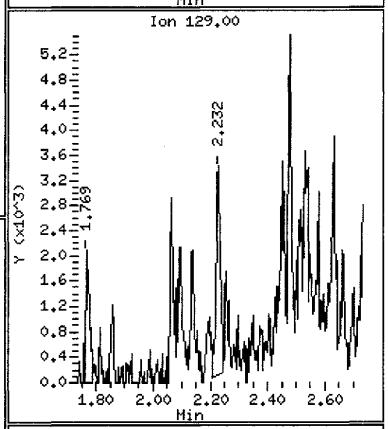


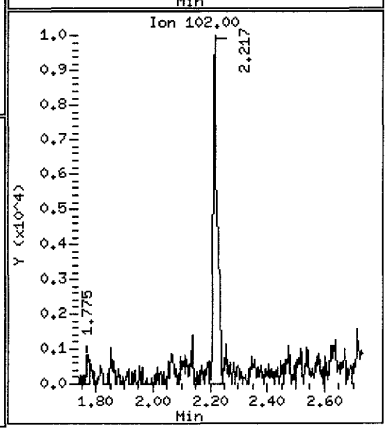












Data File: /var/chem/MSSV3.i/20060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

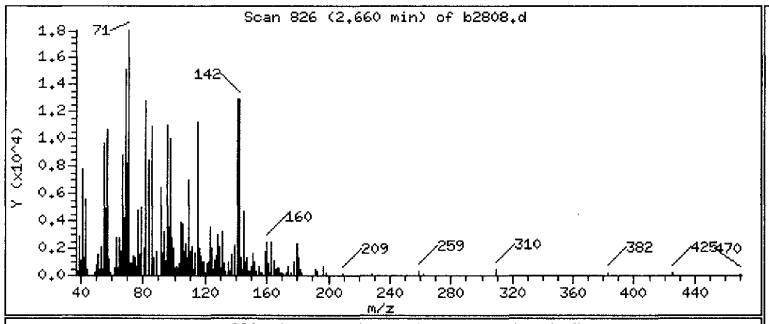
Operator: rrr

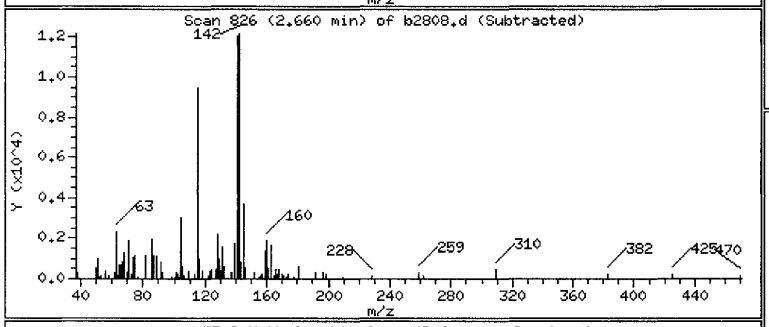
Column phase: RTX-5MS-30M

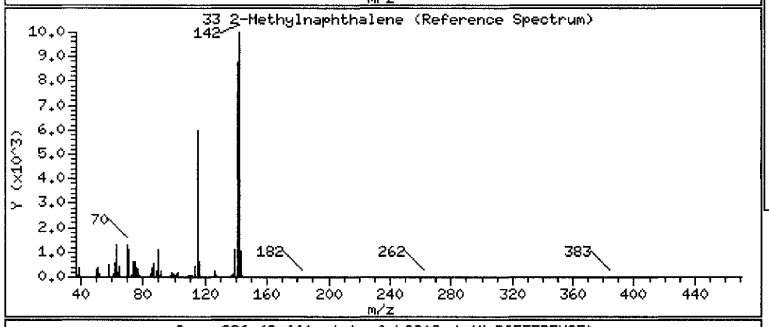
Column diameter: 0.25

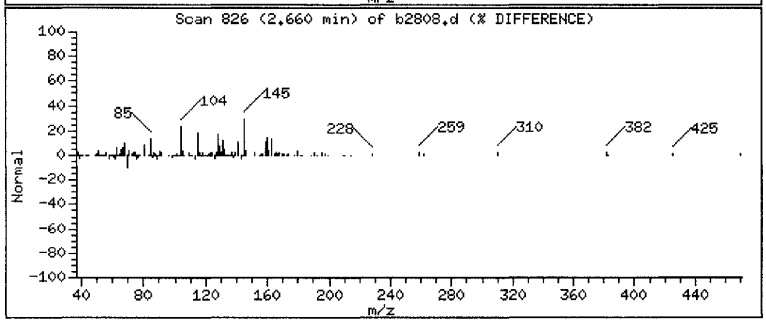
33 2-Methylnaphthalene

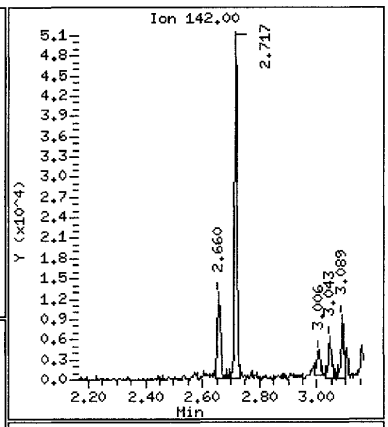
Concentration: 188 ug/Kg

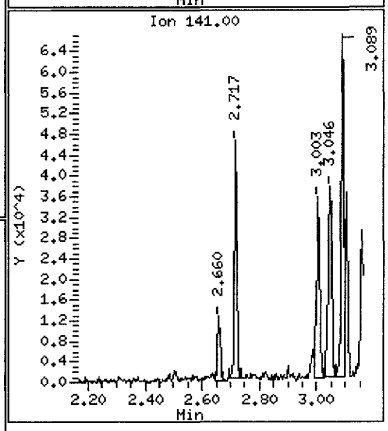












188870

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

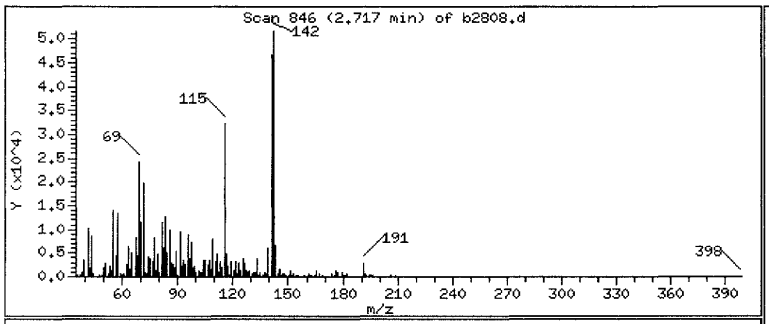
Operator: rrr

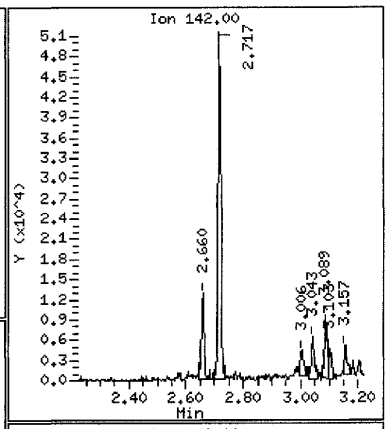
Column phase: RTX-5MS-30M

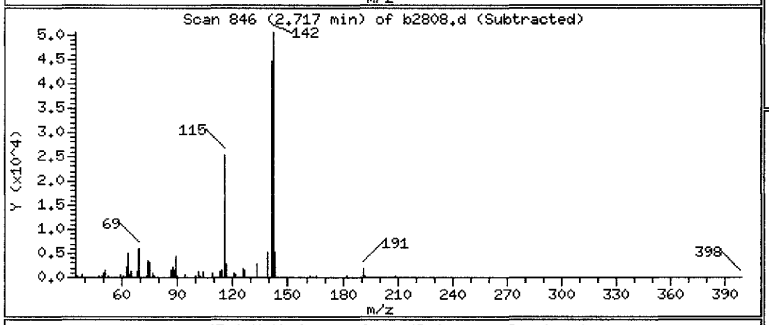
Column diameter: 0.25

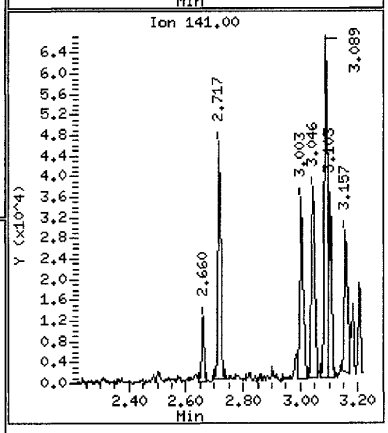
145 1-Methylnapthalene

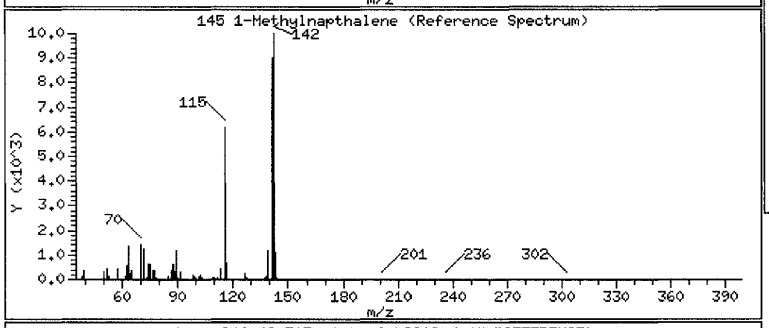
Concentration: 812 ug/Kg

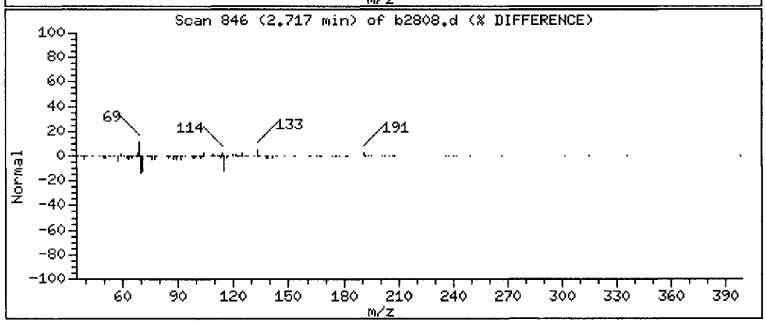












188871

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

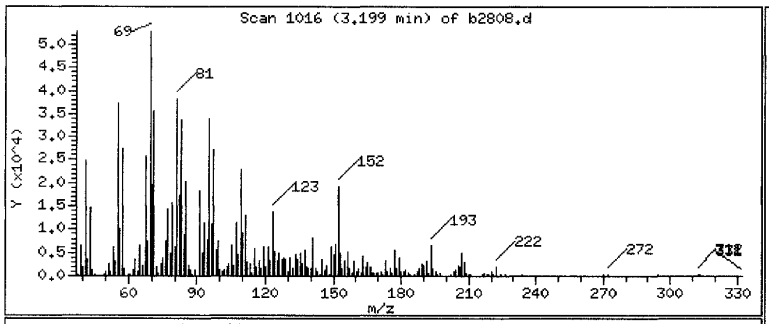
Operator: rrr

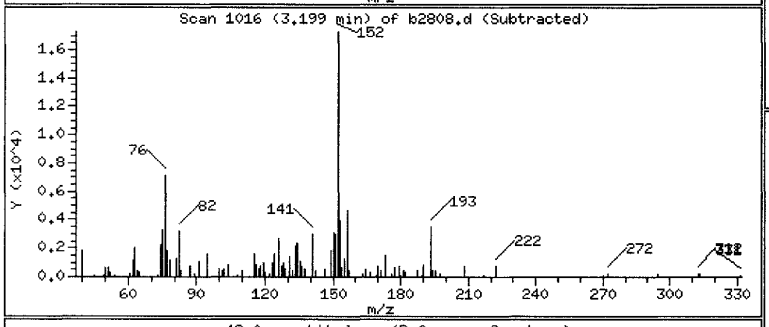
Column phase: RTX-5MS-30M

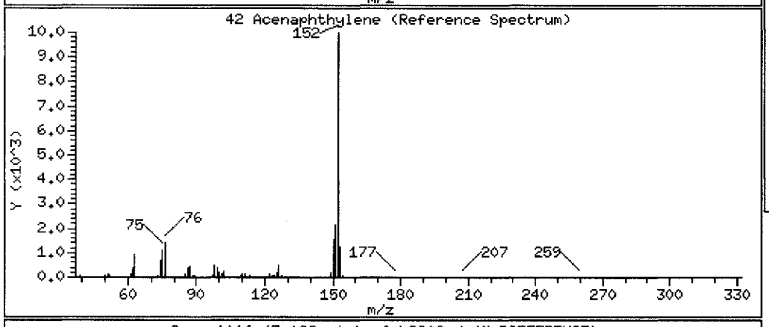
Column diameter: 0.25

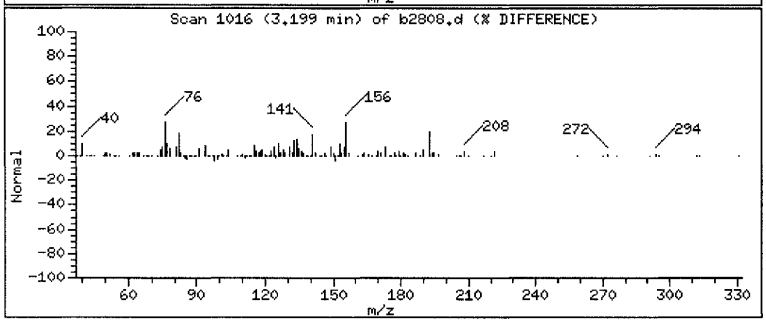
42 Acenaphthylene

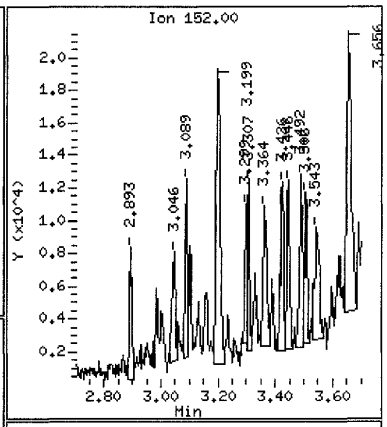
Concentration: 242 ug/Kg

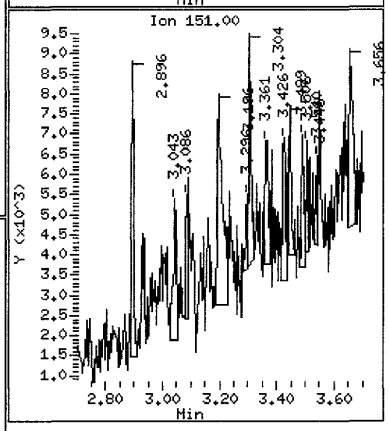












188872

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

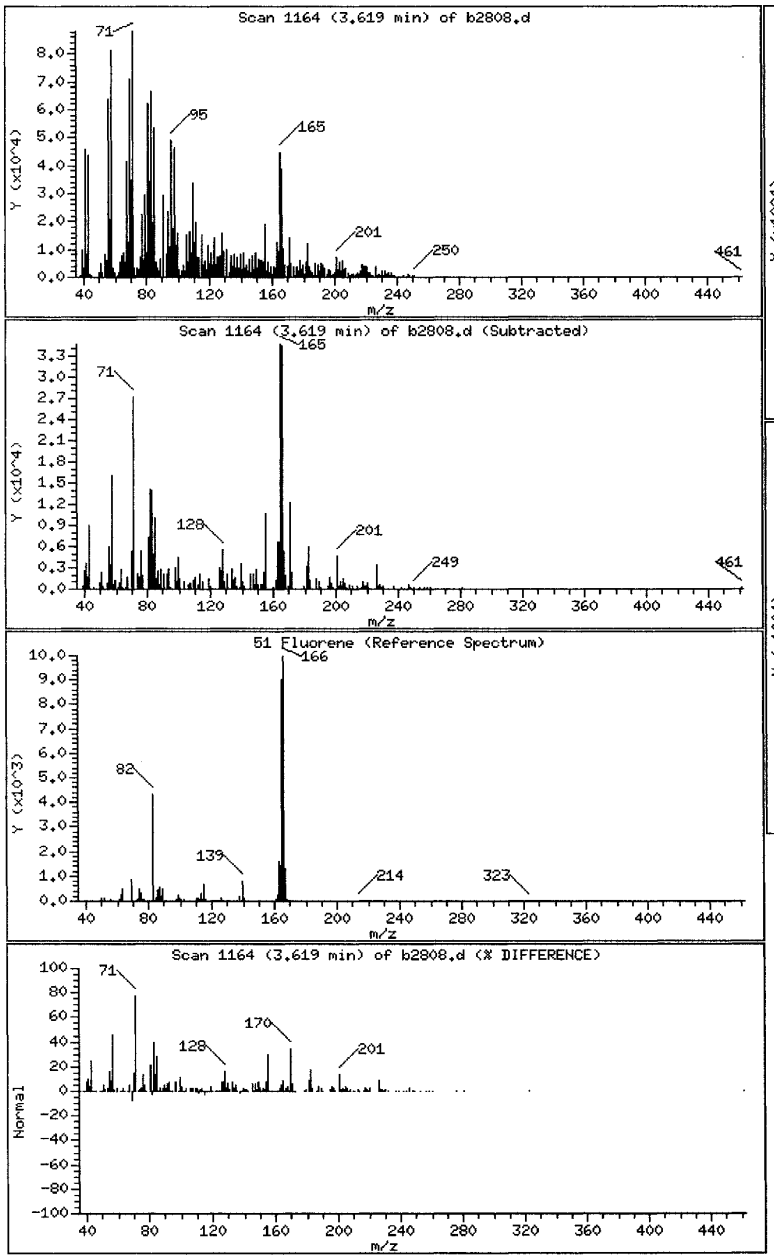
Operator: rrr

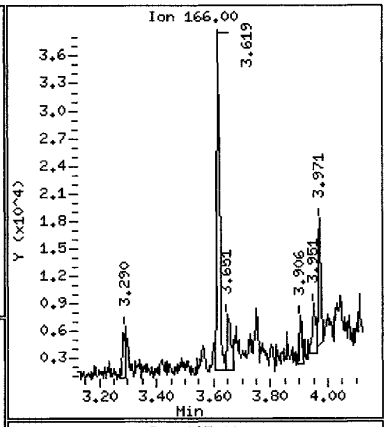
Column phase: RTX-5MS-30M

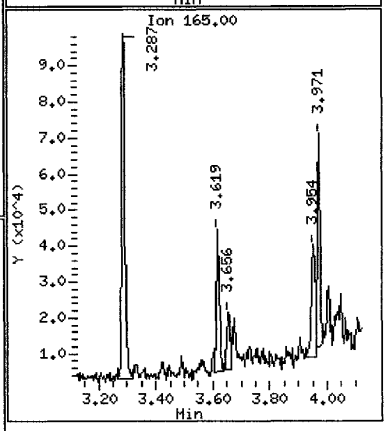
Column diameter: 0.25

51 Fluorene

Concentration: 454 ug/Kg







188873

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

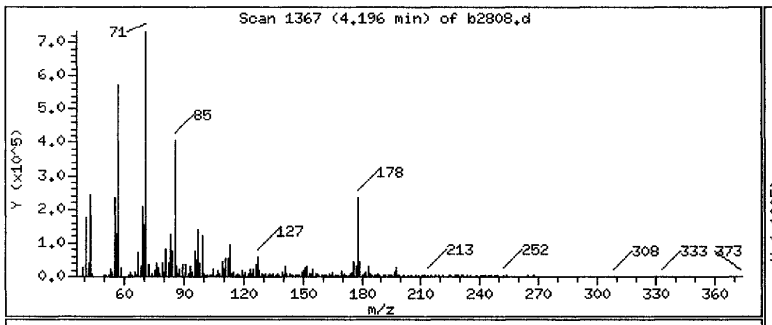
Operator: rrr

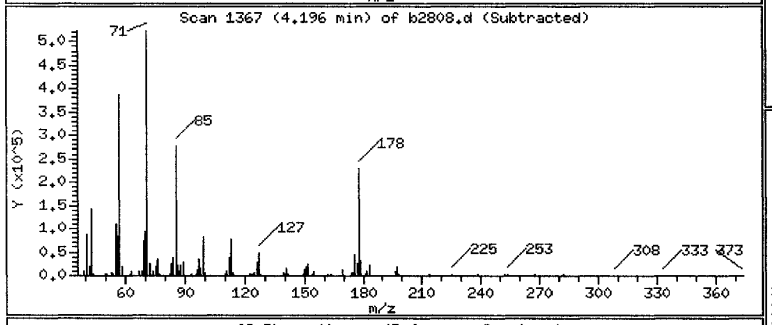
Column phase: RTX-5MS-30M

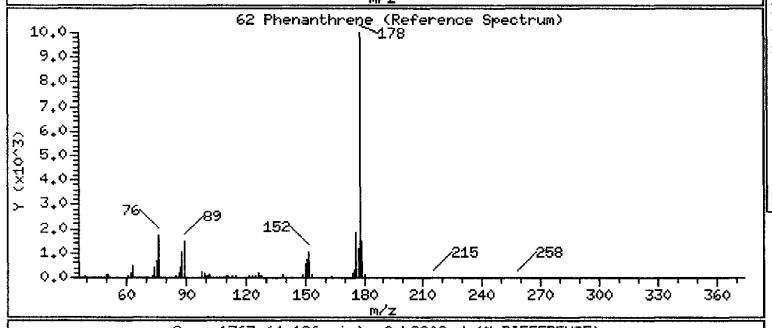
Column diameter: 0.25

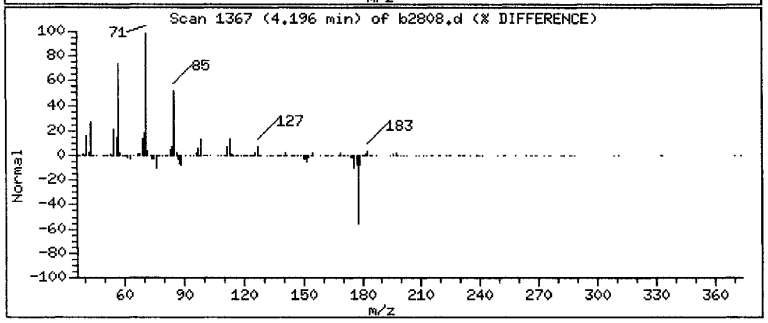
62 Phenanthrene

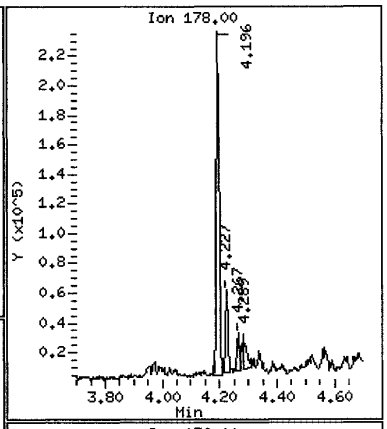
Concentration: 2080 ug/Kg

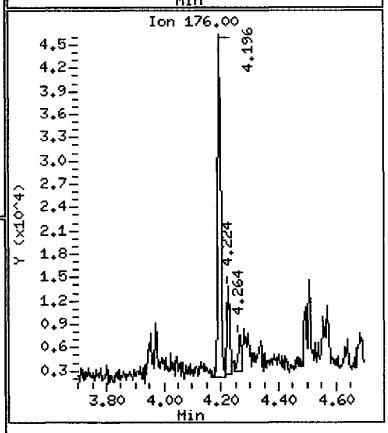












188874

Data File: /var/chem/MSSV3.i/20060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

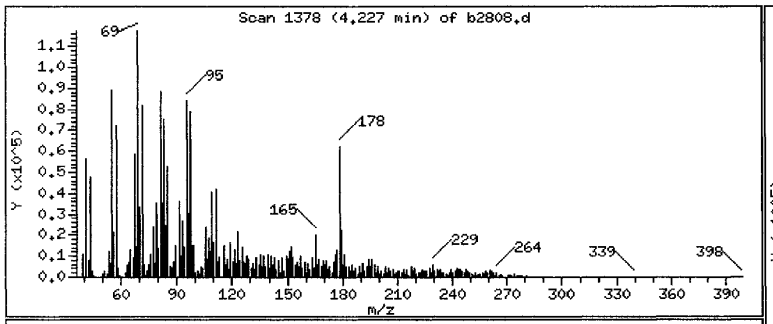
Operator: rrr

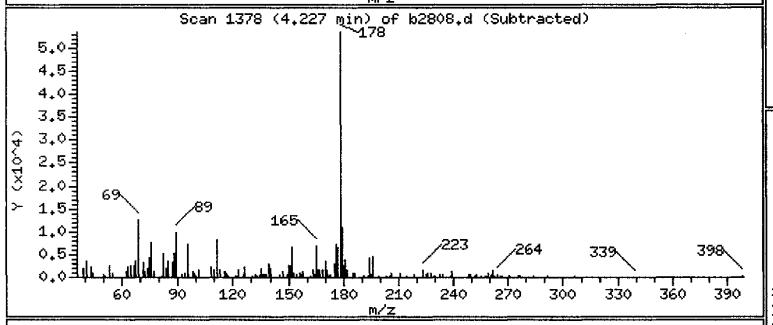
Column phase: RTX-5MS-30M

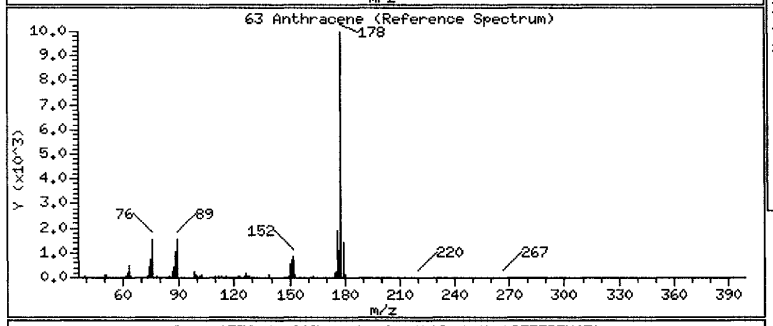
Column diameter: 0.25

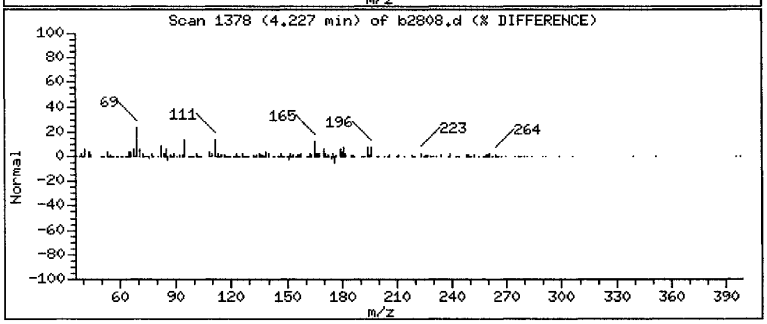
63 Anthracene

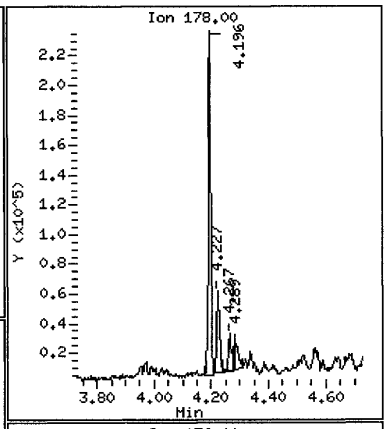
Concentration: 533 ug/Kg

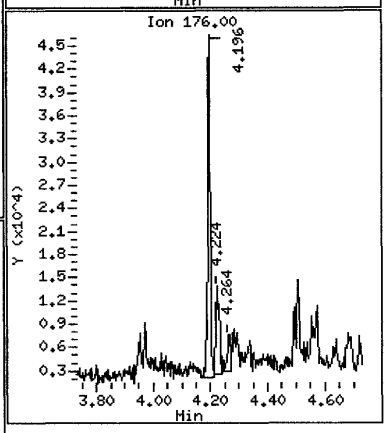












Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

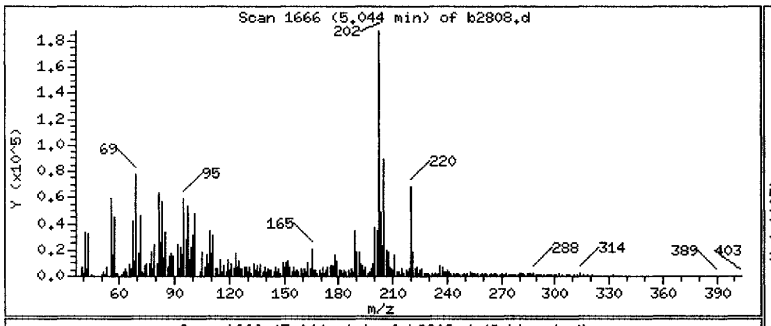
Operator: rrr

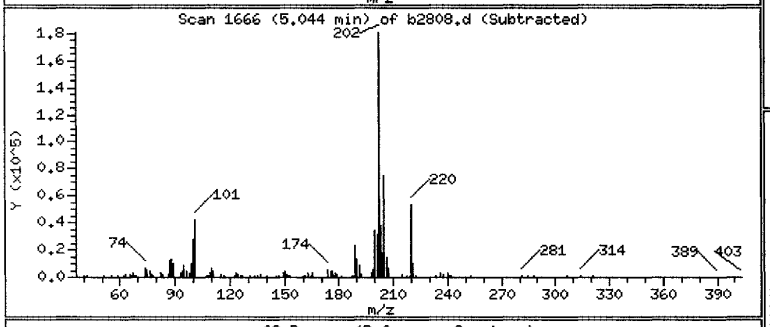
Column phase: RTX-5MS-30M

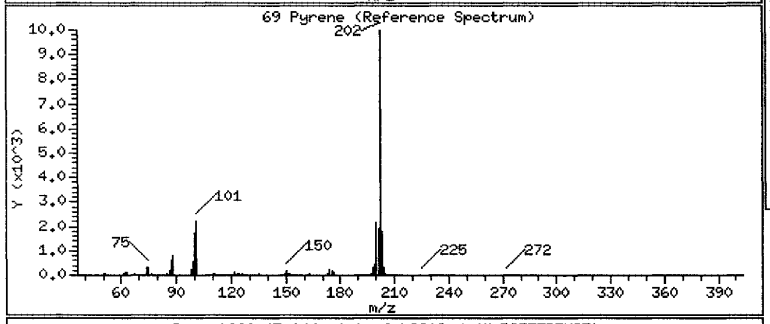
Column diameter: 0.25

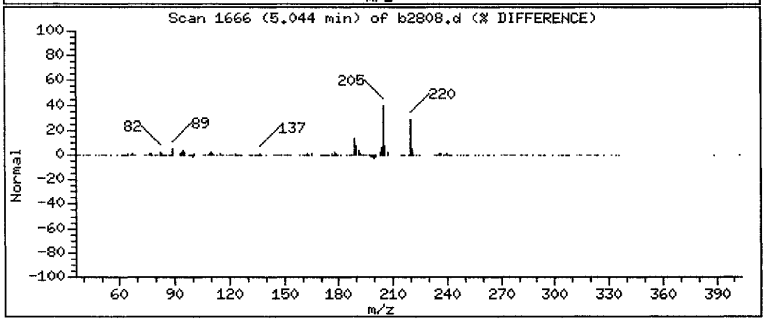
69 Pyrene

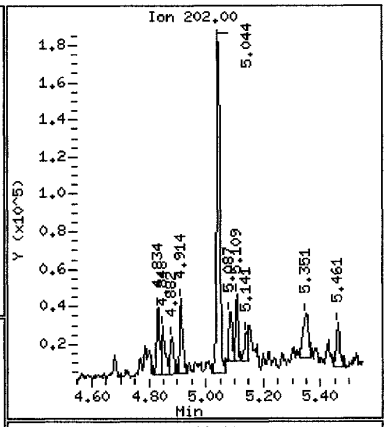
Concentration: 1920 ug/Kg

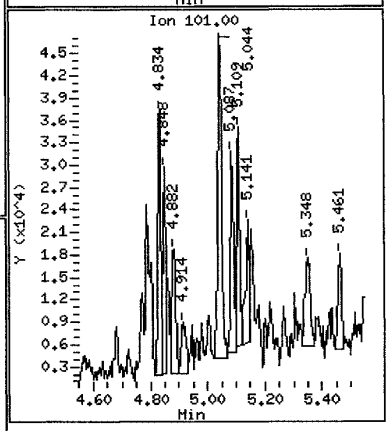












188876

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

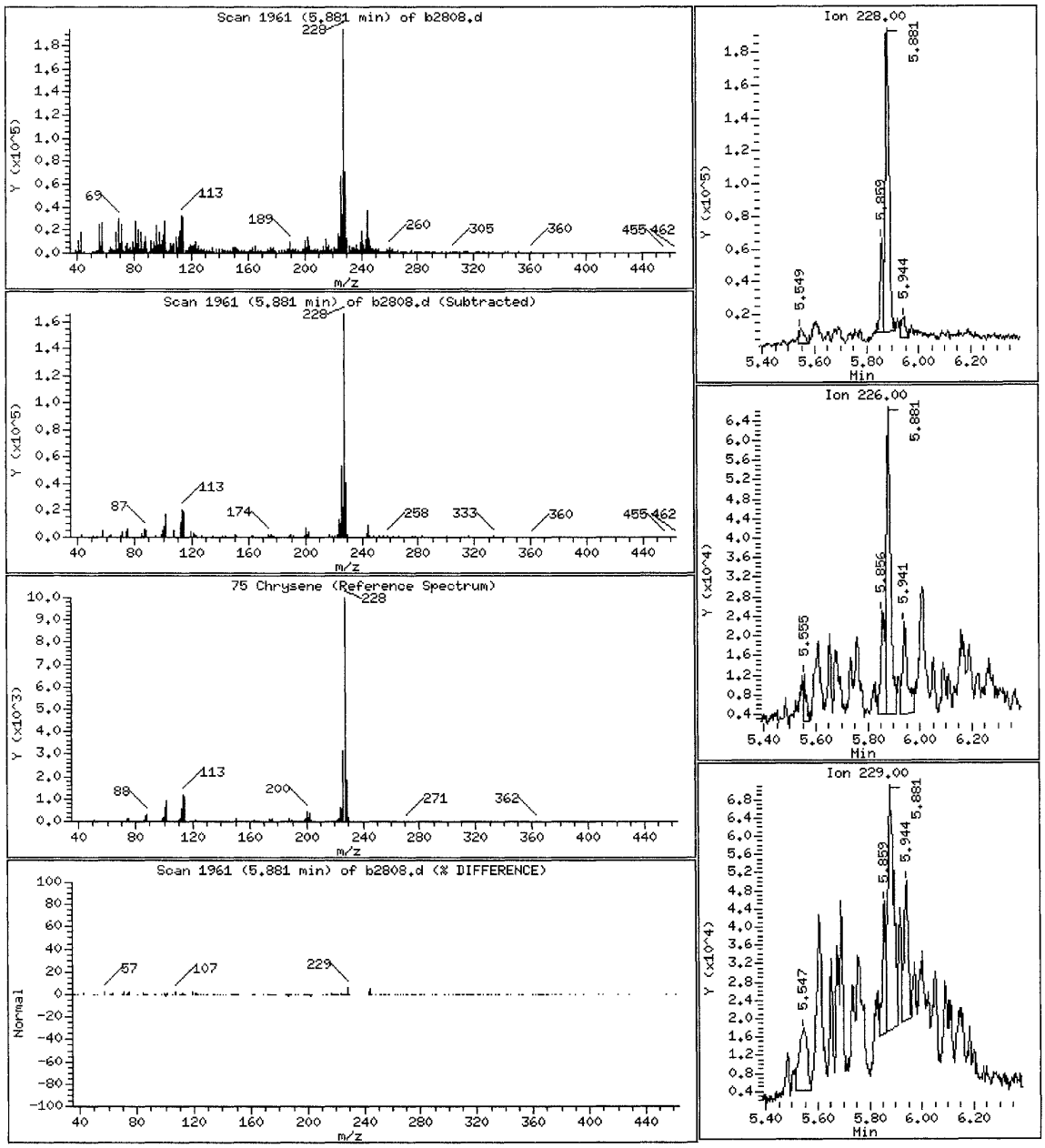
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

75 Chrysene

Concentration: 2660 ug/Kg



188877

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

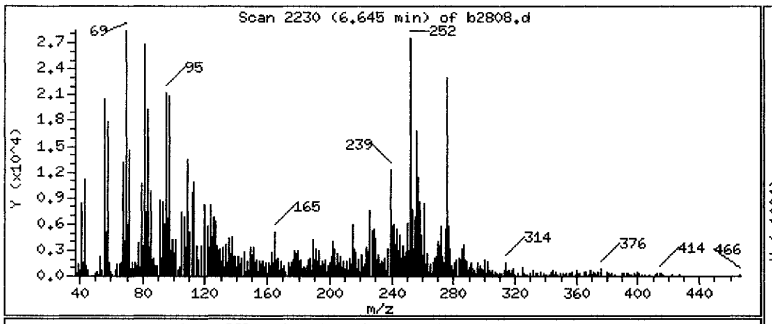
Operator: rrr

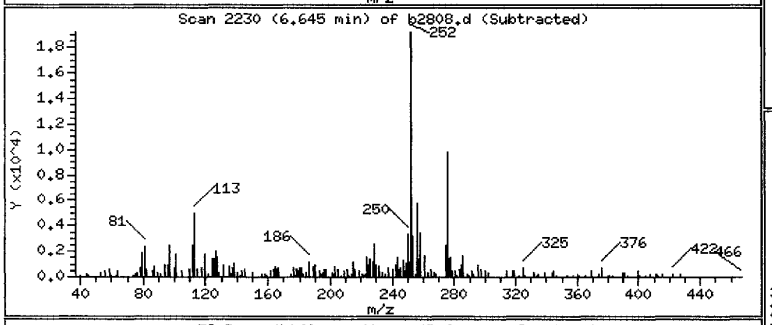
Column phase: RTX-5MS-30M

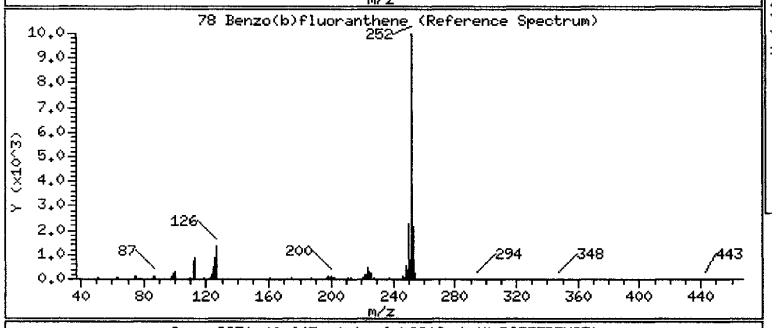
Column diameter: 0.25

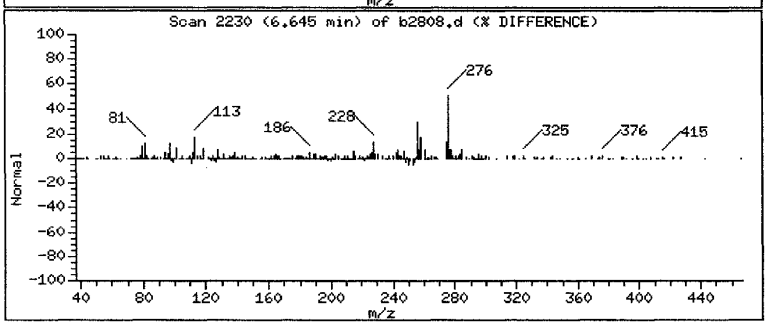
78 Benzo(b)fluoranthene

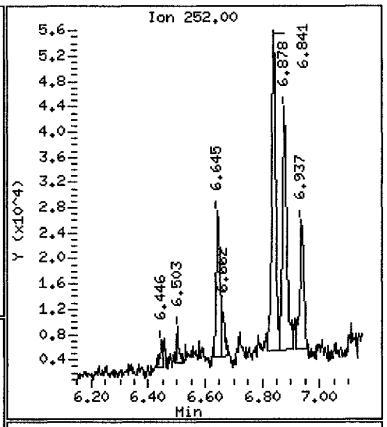
Concentration: 625 ug/Kg

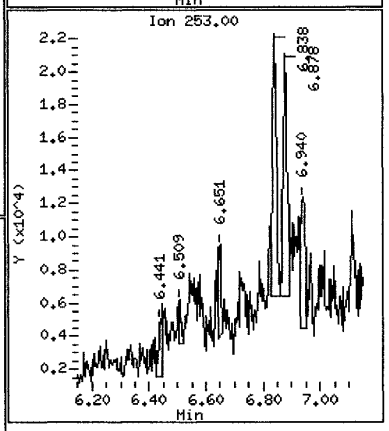












188878

Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

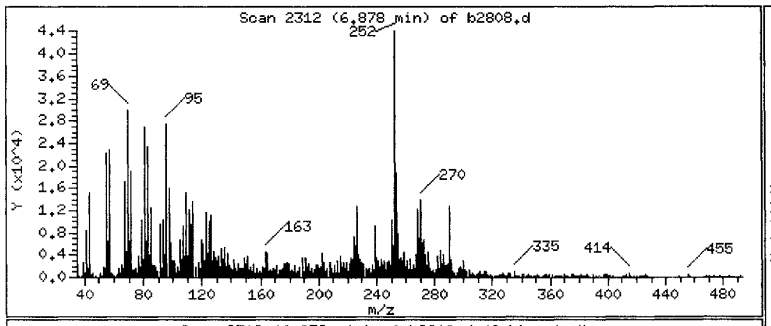
Operator: rrr

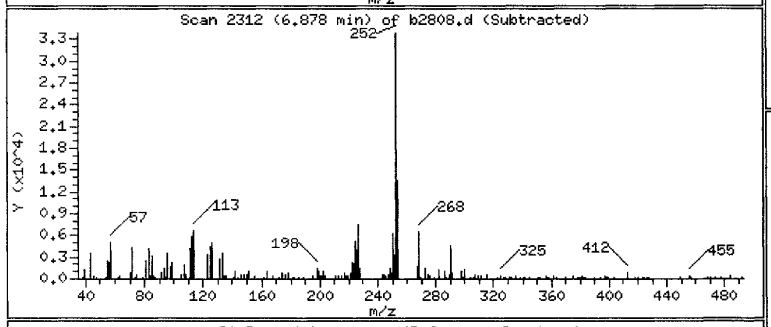
Column phase: RTX-5MS-30M

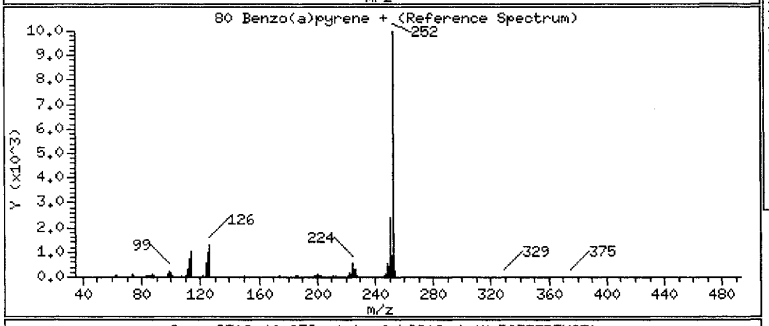
Column diameter: 0.25

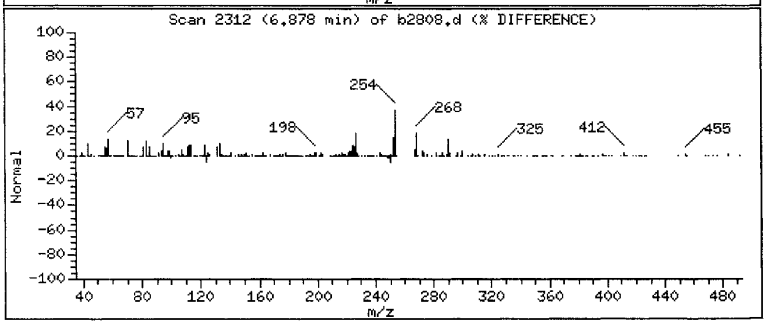
80 Benzo(a)pyrene +

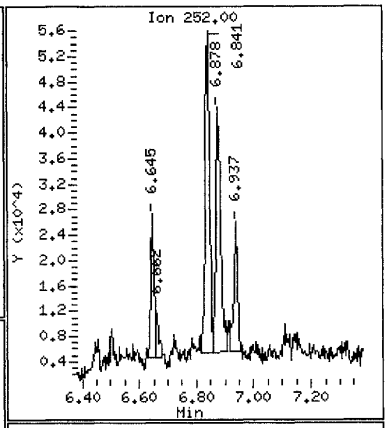
Concentration: 764 ug/Kg

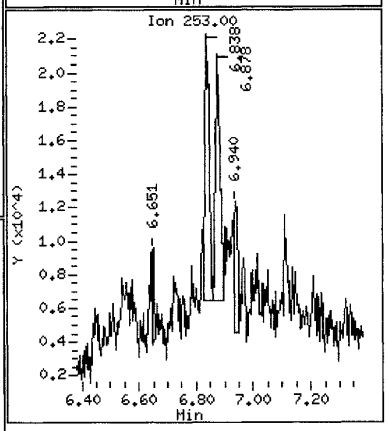












Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

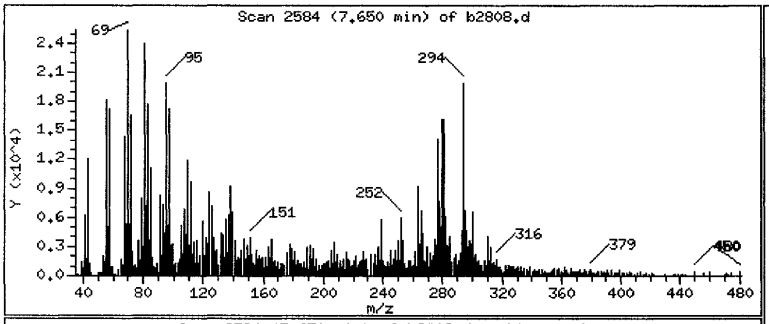
Operator: rrr

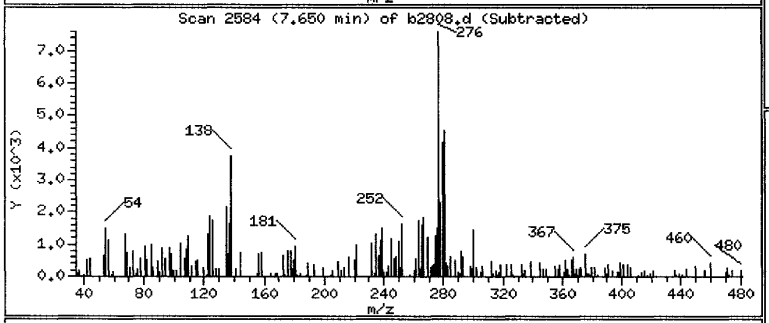
Column phase: RTX-5MS-30M

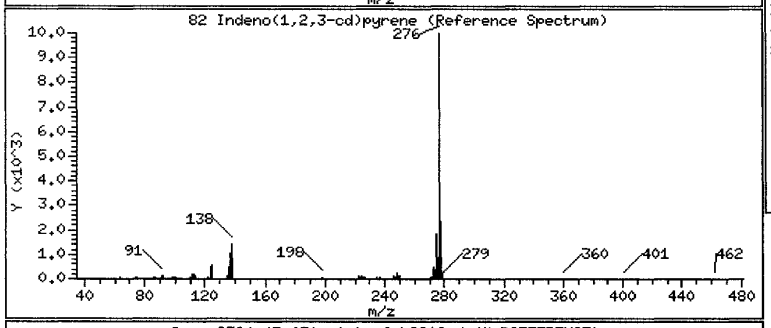
Column diameter: 0.25

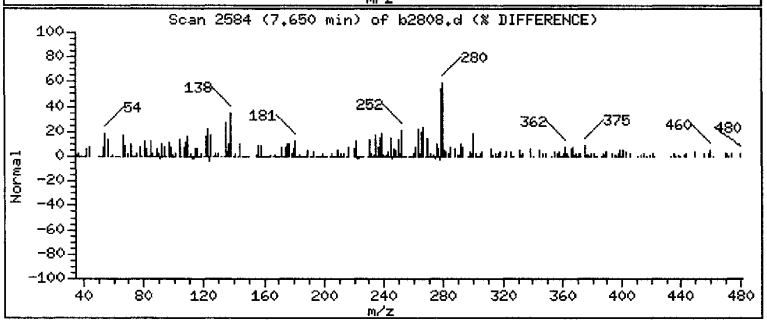
82 Indeno(1,2,3-cd)pyrene

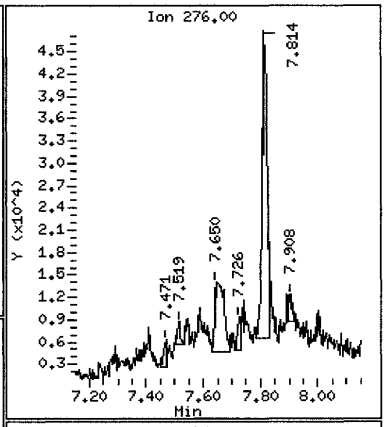
Concentration: 863 ug/Kg

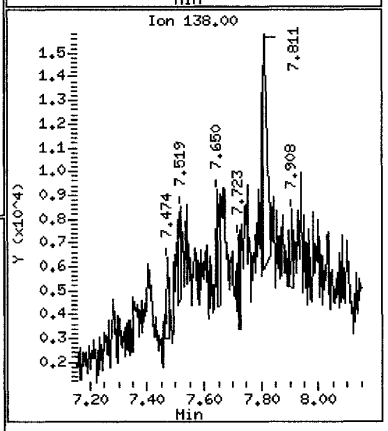












Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

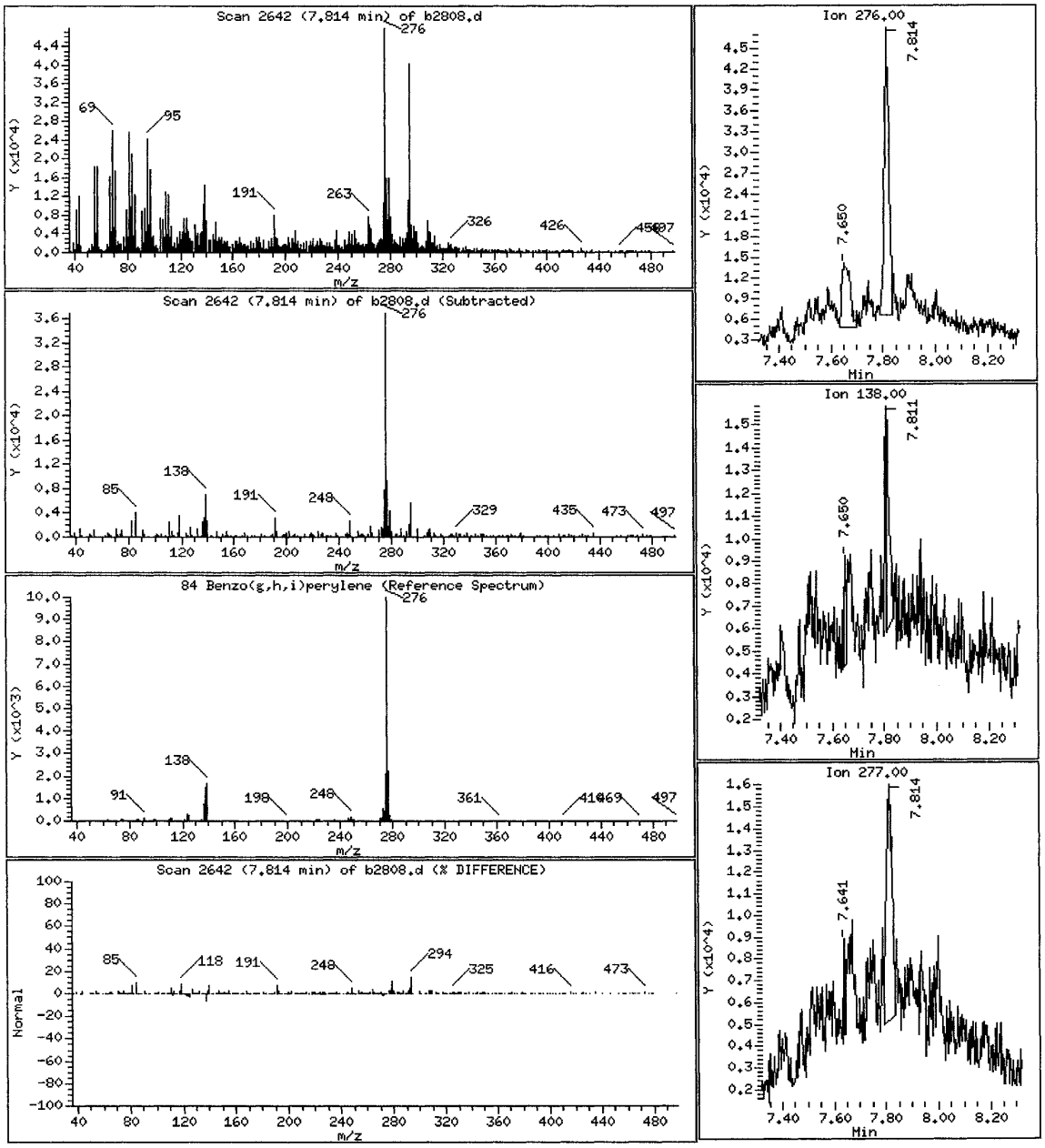
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

84 Benzo(g,h,i)perylene

Concentration: 614 ug/Kg



Data File: /var/chem/MSSV3.i/2060723.s.b/b2808.d

Date : 23-JUL-2006 15:34

Client ID: 20607200611

Instrument: MSSV3.i

Sample Info: 20607200611*4482*

Volume Injected (uL): 1.0

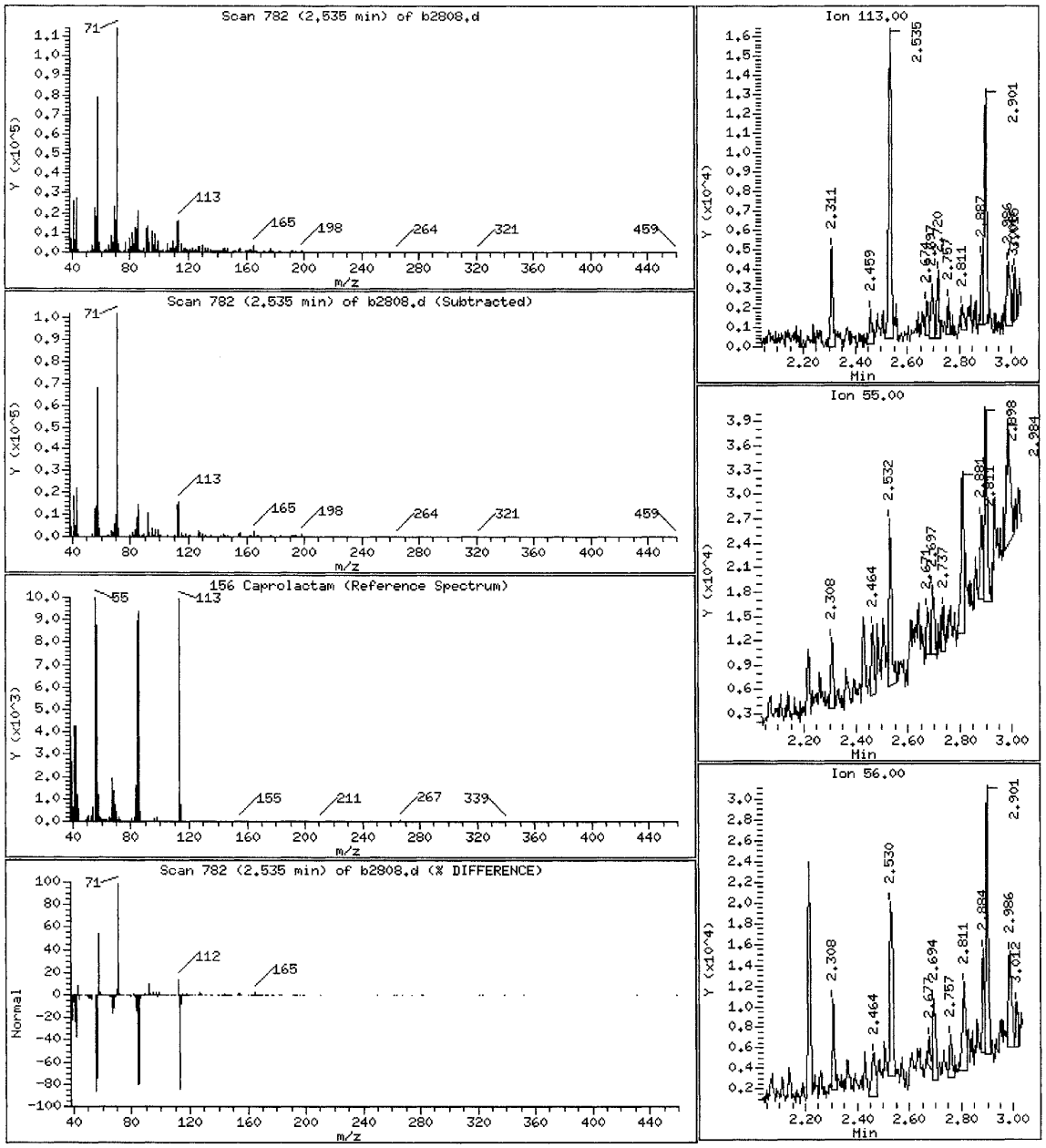
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

156 Caprolactam

Concentration: 941 ug/Kg

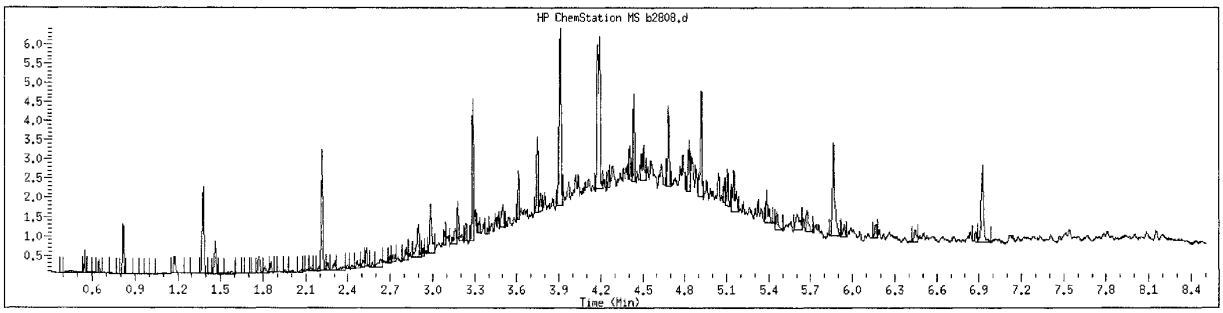


188882

Data file : /var/chem/MSSV3.i/2060723.s.b/b2808.d Page: 1
Report Date: 07/26/2006 09:10

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200611	SampleType	: SAMPLE
Injection Date	: 23-JUL-2006 15:34	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 20607200611*4482*		
Misc Info	: 20607200611*MSSV~3840~*072006*30.4-1X10*32841		
Method	: /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m		
Dilution	: 10.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

188883

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.1 Units: g

Level: (low/med) LOW

% Moisture: 9.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SG4SB56-112-(1-2)

Contract:

Lab File ID: 2060723/B2809

Lab Sample ID: 20607200612

Date Collected: 07/18/06 Time: 1715

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1551

Dilution Factor: 20 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	7230	U	157	7230
95-95-4	2,4,5-Trichlorophenol	7230	U	147	7230
88-06-2	2,4,6-Trichlorophenol	7230	U	325	7230
120-83-2	2,4-Dichlorophenol	7230	U	189	7230
51-28-5	2,4-Dinitrophenol	36600	U	1240	36600
121-14-2	2,4-Dinitrotoluene	7230	U	325	7230
606-20-2	2,6-Dinitrotoluene	7230	U	175	7230
91-58-7	2-Chloronaphthalene	7230	U	195	7230
95-57-8	2-Chlorophenol	7230	U	116	7230
91-57-6	2-Methylnaphthalene	1450	U	205	1450
88-74-4	2-Nitroaniline	36600	U	474	36600
88-75-5	2-Nitrophenol	7230	U	288	7230
91-94-1	3,3'-Dichlorobenzidine	14500	U	908	14500
99-09-2	3-Nitroaniline	36600	U	199	36600
534-52-1	2-Methyl-4,6-dinitrophenol	36600	U	379	36600
59-50-7	4-Chloro-3-methylphenol	7230	U	290	7230
106-47-8	4-Chloroaniline	7230	U	637	7230
7005-72-3	4-Chlorophenyl-phenylether	7230	U	192	7230
83-32-9	Acenaphthene	1450	U	189	1450
208-96-8	Acenaphthylene	1130	J	214	1450
98-86-2	Acetophenone	7230	U	155	7230
62-53-3	Aniline	7230	U	140	7230
120-12-7	Anthracene	1450	U	207	1450
1912-24-9	Atrazine (Aatrex)	14500	U	371	14500
100-52-7	Benzaldehyde	14500	U	553	14500
92-87-5	Benzidine	28900	U	976	28900
56-55-3	Benzo(a)anthracene	1450	U	193	1450
50-32-8	Benzo(a)pyrene	248	J	192	1450
205-99-2	Benzo(b)fluoranthene	7230	U	134	7230

FORM I SV-1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30.1 Units: g
Level: (low/med) LOW
% Moisture: 9.0 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/kg*

Sample ID: SG4SB56-112-(1-2)
Contract:
Lab File ID: 2060723/B2809
Lab Sample ID: 20607200612
Date Collected: 07/18/06 Time: 1715
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/23/06 Time: 1551
Dilution Factor: 20 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	882	J	192	7230
207-08-9	Benzo(k)fluoranthene	7230	U	296	7230
65-85-0	Benzoic acid	36600	U	3370	36600
100-51-6	Benzyl alcohol	7230	U	214	7230
92-52-4	Biphenyl	7230	U	213	7230
111-91-1	Bis(2-Chloroethoxy)methane	7230	U	249	7230
111-44-4	Bis(2-Chloroethyl)ether	7230	U	225	7230
108-60-1	bis(2-Chloroisopropyl)ether	7230	U	281	7230
117-81-7	bis(2-ethylhexyl)phthalate	1450	U	195	1450
101-55-3	4-Bromophenyl-phenylether	7230	U	176	7230
85-68-7	Butylbenzylphthalate	7230	U	237	7230
105-60-2	Caprolactam	7230	U	1500	7230
86-74-8	Carbazole	7230	U	187	7230
218-01-9	Chrysene	7230	U	169	7230
84-74-2	Di-n-butylphthalate	7230	U	542	7230
117-84-0	Di-n-octylphthalate	7230	U	157	7230
53-70-3	Dibenz(a,h)anthracene	1450	U	183	1450
132-64-9	Dibenzofuran	7230	U	268	7230
84-66-2	Diethylphthalate	7230	U	322	7230
131-11-3	Dimethyl-phthalate	7230	U	238	7230
105-67-9	2,4-Dimethylphenol	7230	U	490	7230
206-44-0	Fluoranthene	7230	U	213	7230
86-73-7	Fluorene	1450	U	186	1450
118-74-1	Hexachlorobenzene	7230	U	233	7230
77-47-4	Hexachlorocyclopentadiene	7230	U	157	7230
67-72-1	Hexachloroethane	7230	U	303	7230
193-39-5	Indeno(1,2,3-cd)pyrene	1760	J	307	7230
78-59-1	Isophorone	7230	U	184	7230
100-01-6	4-Nitroaniline	36600	U	523	36600

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.1 Units: g

Level: (low/med) LOW

% Moisture: 9.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SG4SB56-112-(1-2)

Contract:

Lab File ID: 2060723/B2809

Lab Sample ID: 20607200612

Date Collected: 07/18/06 Time: 1715

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 1551

Dilution Factor: 20 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328662

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	7230	U	271	7230
100-02-7	4-Nitrophenol	36600	U	950	36600
87-86-5	Pentachlorophenol	36600	U	1880	36600
85-01-8	Phenanthrene	1450	U	235	1450
108-95-2	Phenol	7230	U	235	7230
129-00-0	Pyrene	7230	U	227	7230
110-86-1	Pyridine	7230	U	435	7230
1319-77-3M	m,p-Cresol	7230	U	268	7230
621-64-7	N-Nitroso-di-n-propylamine	1450	U	196	1450
62-75-9	N-Nitrosodimethylamine	7230	U	943	7230
86-30-6	N-Nitrosodiphenylamine	7230	U	216	7230
95-48-7	o-Cresol	7230	U	294	7230

FORM I SV-1

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060723.s.b/b2809.d
Lab Smp Id: 20607200612 Client Smp ID: 20607200612
Inj Date : 23-JUL-2006 15:51
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200612*4482*
Misc Info : 20607200612*MSSV~3840~*072006*30.1-1X20*32841
Comment :
Method : /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:23 rlw Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 9
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.10000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.648	0.645	(0.469)	18102	6.54907	4350(R)
$ 4 Phenol-d5	99	1.178	1.178	(0.854)	67907	4.88498	3250
* 10 1,4-Dichlorobenzene-d4	152	1.380	1.383	(1.000)	186553	40.0000	
$ 19 Nitrobenzene-d5	82	1.769	1.772	(0.798)	39442	2.36209	1570
* 28 Naphthalene-d8	136	2.217	2.220	(1.000)	680231	40.0000	
$ 37 2-Fluorobiphenyl	172	2.895	2.898	(0.881)	32740	2.36109	1570
42 Acenaphthylene	152	3.202	3.202	(0.974)	30641	1.54466	1030
* 44 Acenaphthene-d10	164	3.287	3.290	(1.000)	404573	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.770	3.773	(1.147)	11061	5.45381	3620
* 61 Phenanthrene-d10	188	4.181	4.184	(1.000)	681614	40.0000	
62 Phenanthrene	178	4.224	4.198	(1.010)	6569	0.30274	201

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 70 Terphenyl-d14	244	5.169	5.172	(0.881)	40572	2.40274	1600
* 74 Chrysene-d12	240	5.864	5.867	(1.000)	727913	40.0000	
80 Benzo(a)pyrene +	252	6.843	6.880	(0.987)	9224	0.34014	226
* 81 Perylene-d12	264	6.931	6.920	(1.000)	1029911	40.0000	
82 Indeno(1,2,3-cd)pyrene	276	7.652	7.652	(1.305)	16412	2.41045	1600
84 Benzo(g,h,i)perylene	276	7.817	7.820	(1.128)	47450	1.20920	803(H)

QC Flag Legend

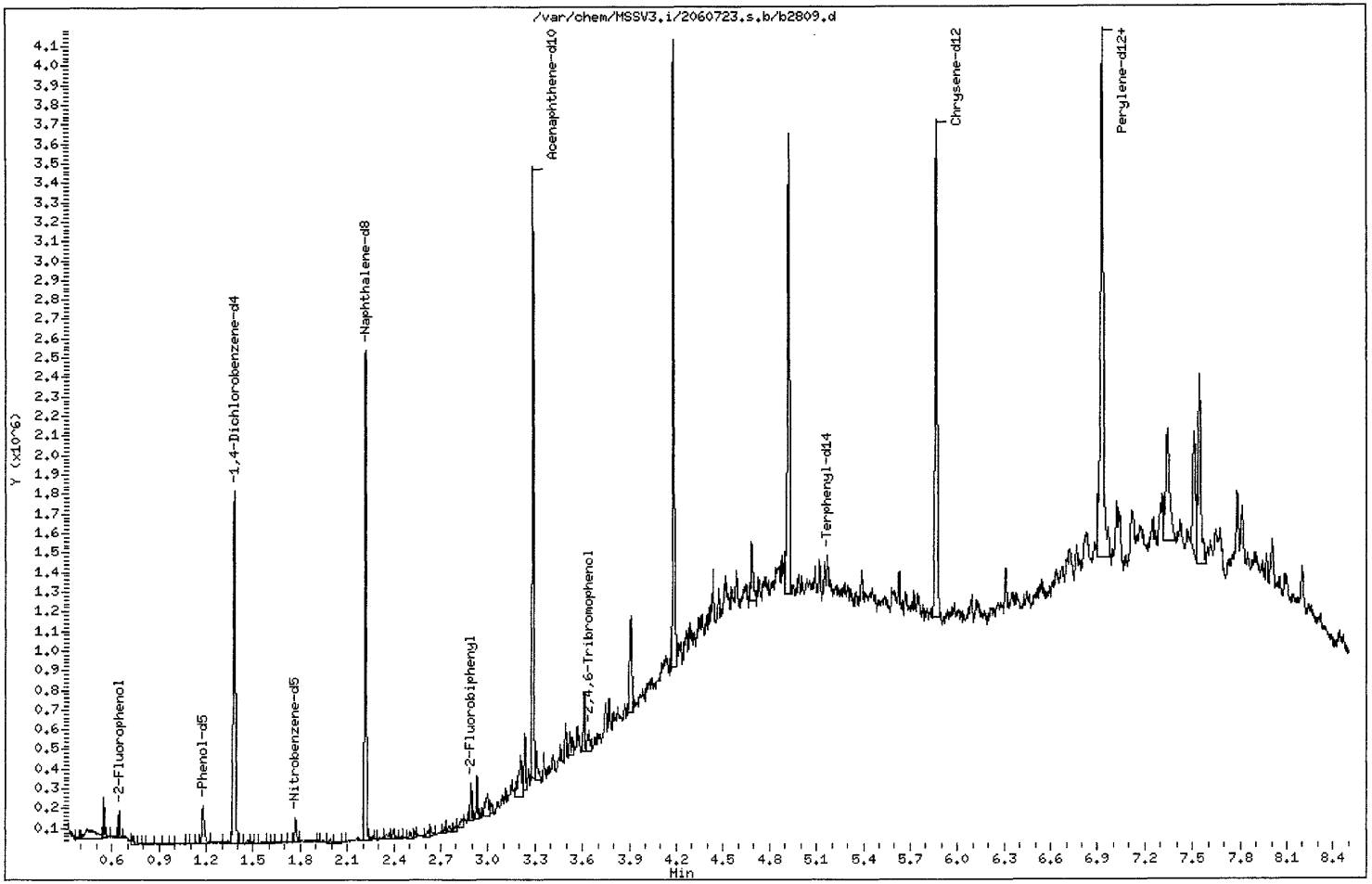
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060723.s.b/b2809.d
Date : 23-JUL-2006 15:51
Client ID: 20607200612
Sample Info: 20607200612*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25



Data File: /var/chem/MSSV3.i/20060723.s.b/b2809.d

Date : 23-JUL-2006 15:51

Client ID: 20607200612

Instrument: MSSV3.i

Sample Info: 20607200612*4482*

Volume Injected (uL): 1.0

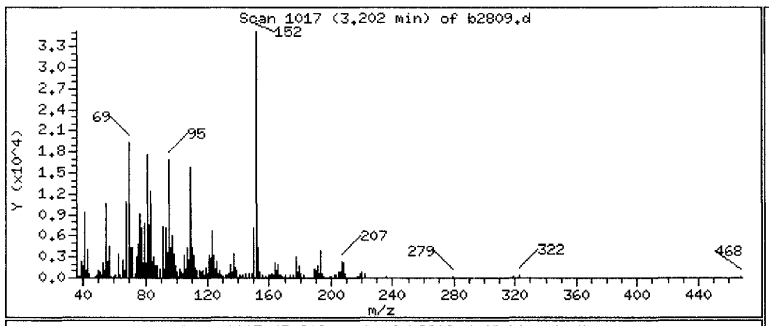
Operator: rrr

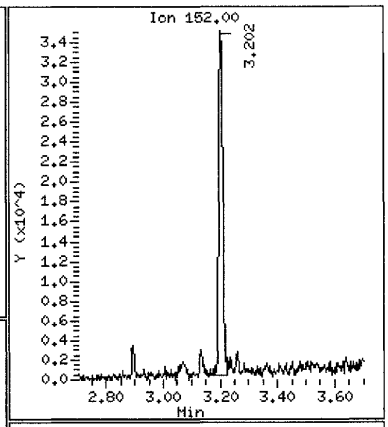
Column phase: RTX-5MS-30M

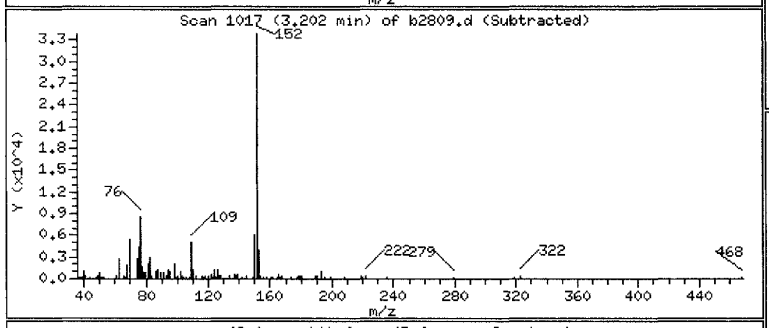
Column diameter: 0.25

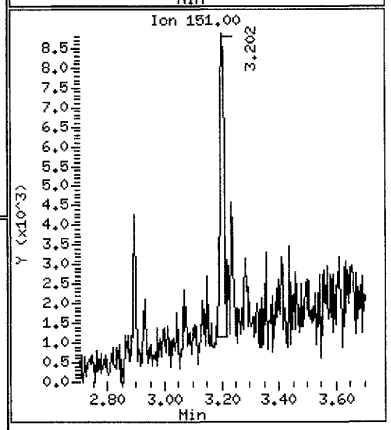
42 Acenaphthylene

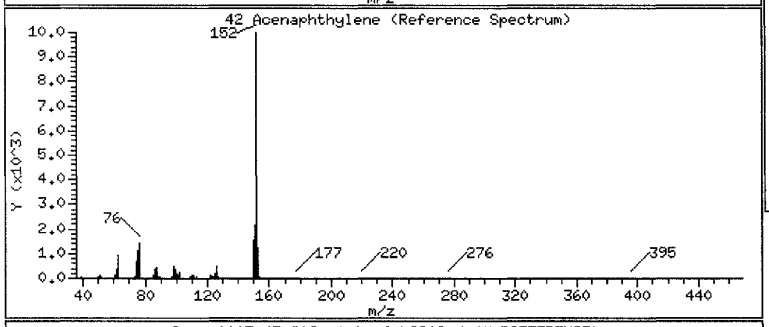
Concentration: 1030 ug/Kg

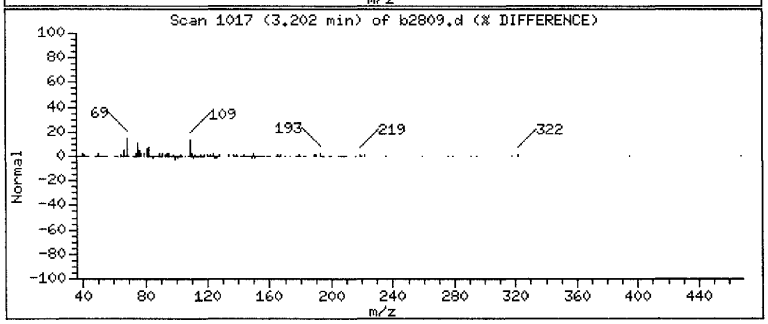












Data File: /var/chem/MSSV3.i/2060723.s.b/b2809.d

Date : 23-JUL-2006 15:51

Client ID: 20607200612

Instrument: MSSV3.i

Sample Info: 20607200612*4482*

Volume Injected (uL): 1.0

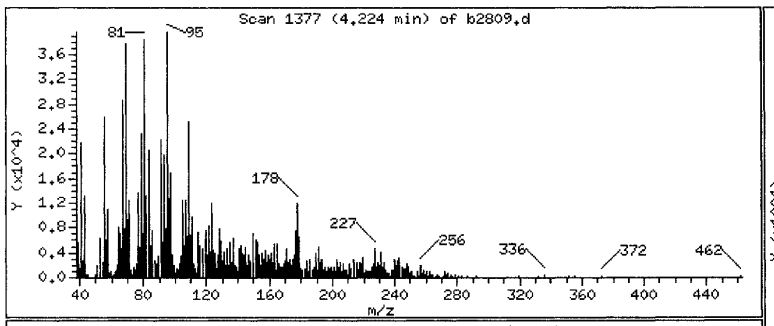
Operator: rrr

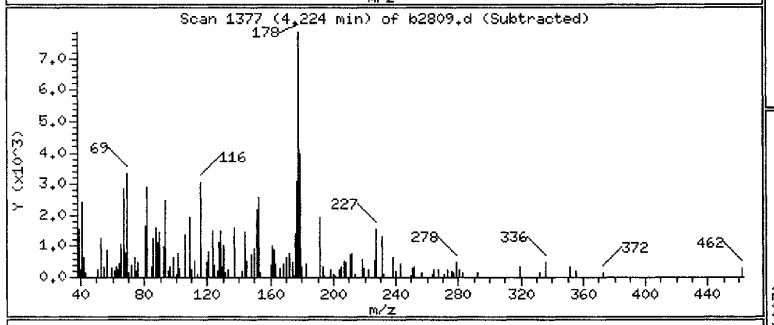
Column phase: RTX-5MS-30M

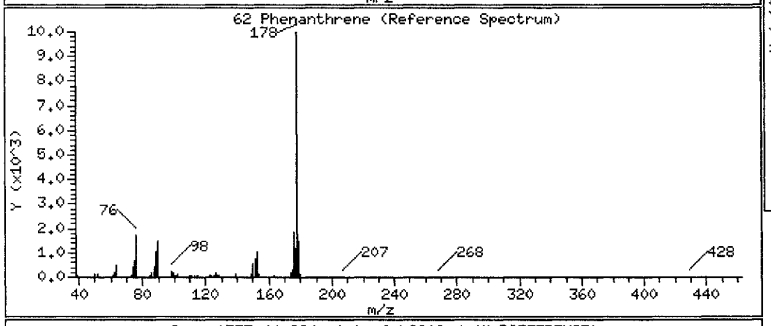
Column diameter: 0.25

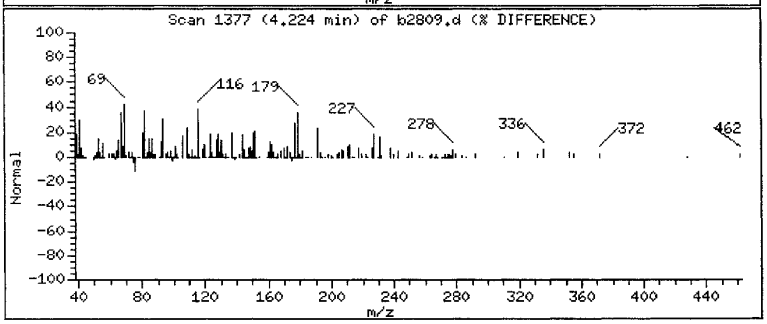
62 Phenanthrene

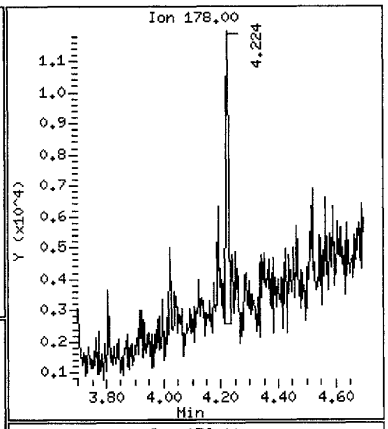
Concentration: 201 ug/Kg

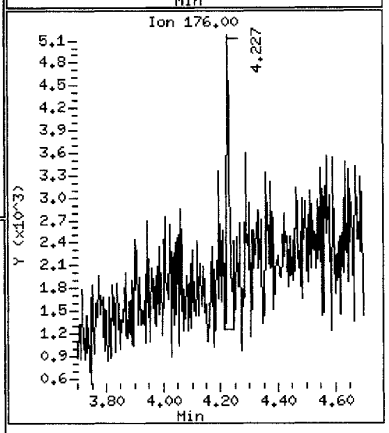












Data File: /var/chem/MSSV3.i/2060723.s.b/b2809.d

Date : 23-JUL-2006 15:51

Client ID: 20607200612

Instrument: MSSV3.i

Sample Info: 20607200612*4482*

Volume Injected (uL): 1.0

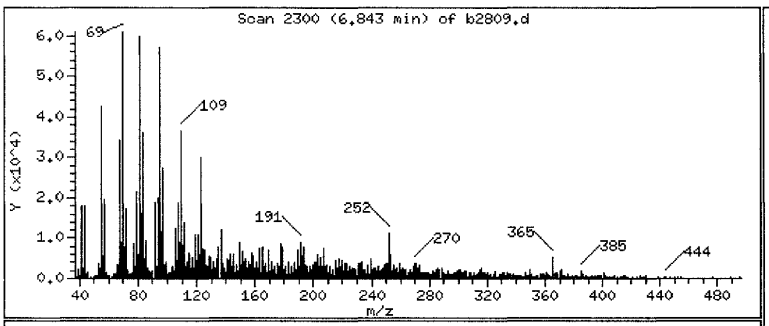
Operator: rrr

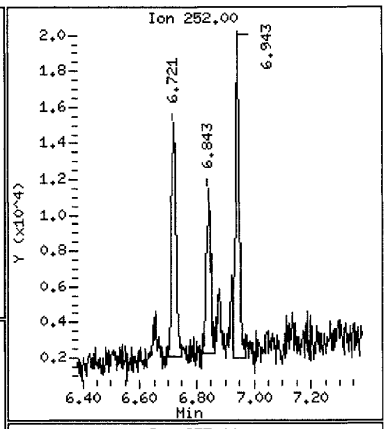
Column phase: RTX-5MS-30M

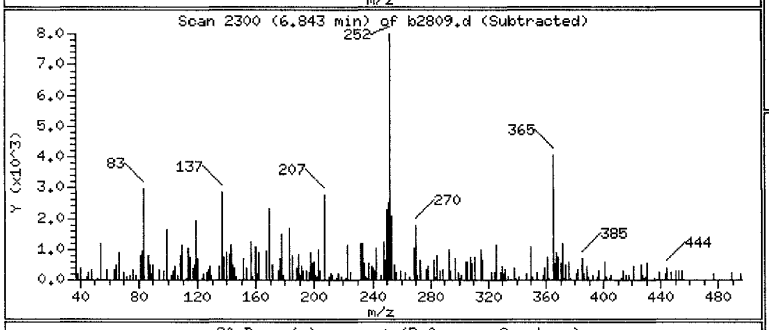
Column diameter: 0.25

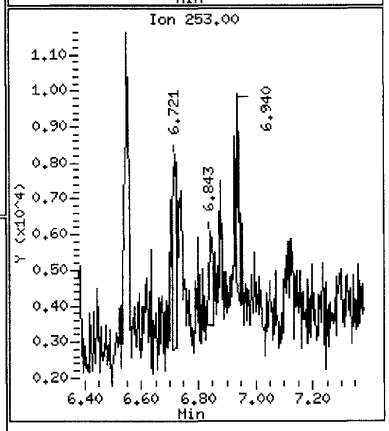
80 Benzo(a)pyrene +

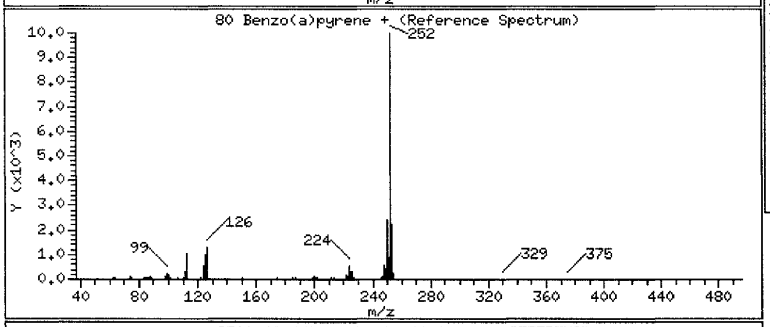
Concentration: 226 ug/Kg

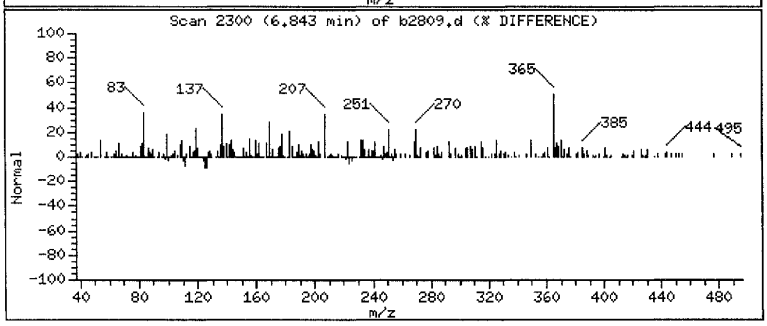












188892

Data File: /var/chem/MSSV3.i/20060723.s.b/b2809.d

Date : 23-JUL-2006 15:51

Client ID: 20607200612

Instrument: MSSV3.i

Sample Info: 20607200612*4482*

Volume Injected (uL): 1.0

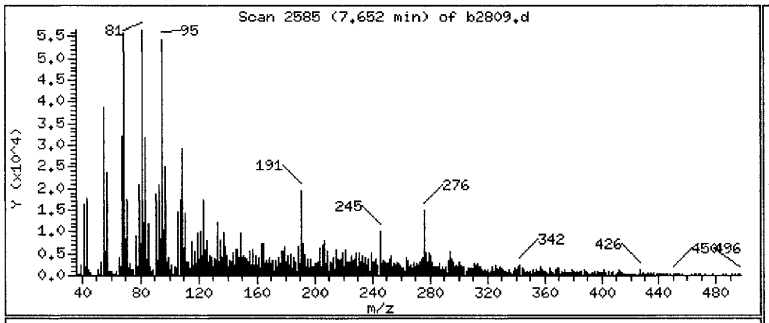
Operator: rrr

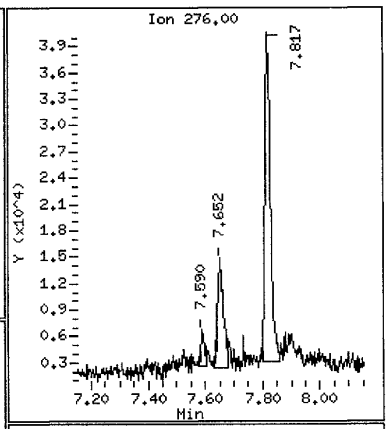
Column phase: RTX-5MS-30M

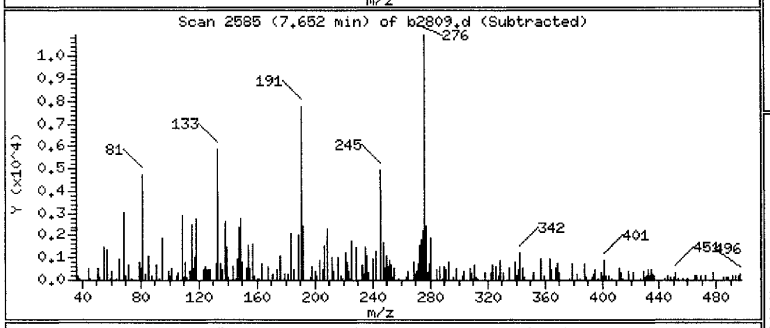
Column diameter: 0.25

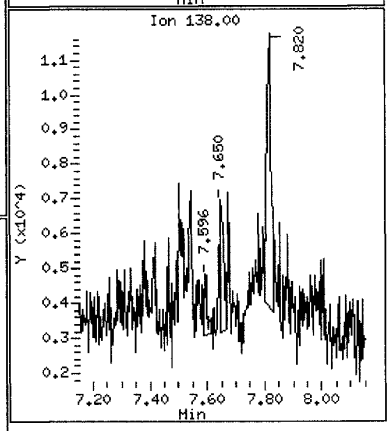
82 Indeno(1,2,3-cd)pyrene

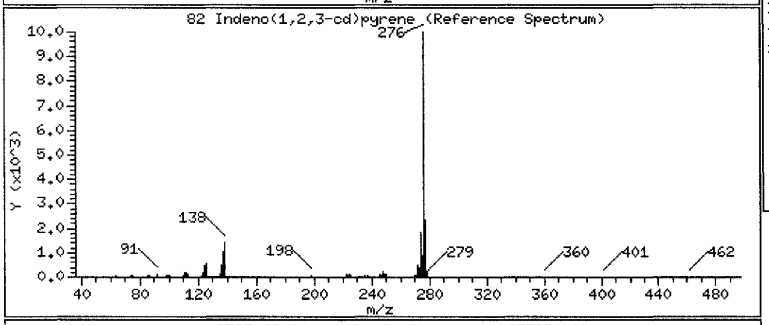
Concentration: 1600 ug/Kg

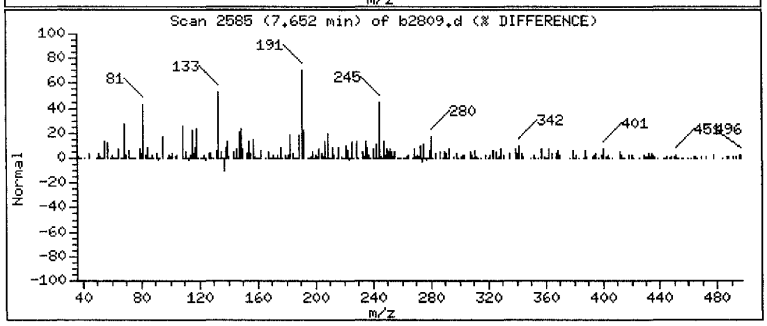












188893

Data File: /var/chem/MSSV3.i/20607 23.s.b/b2809.d

Date : 23-JUL-2006 15:51

Client ID: 20607200612

Instrument: MSSV3.i

Sample Info: 20607200612*4482*

Volume Injected (uL): 1.0

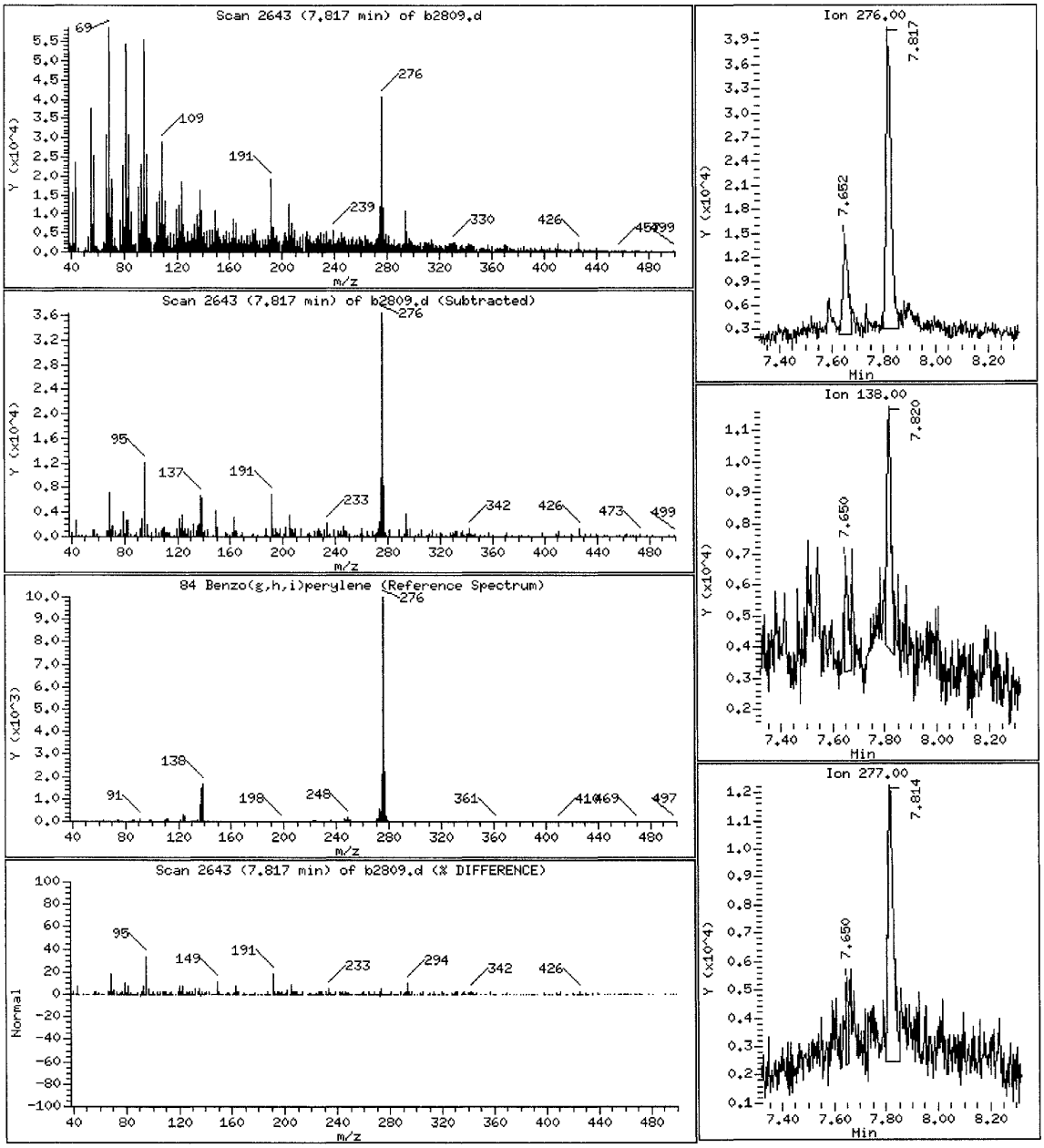
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

84 Benzo(g,h,i)perylene

Concentration: 803 ug/Kg

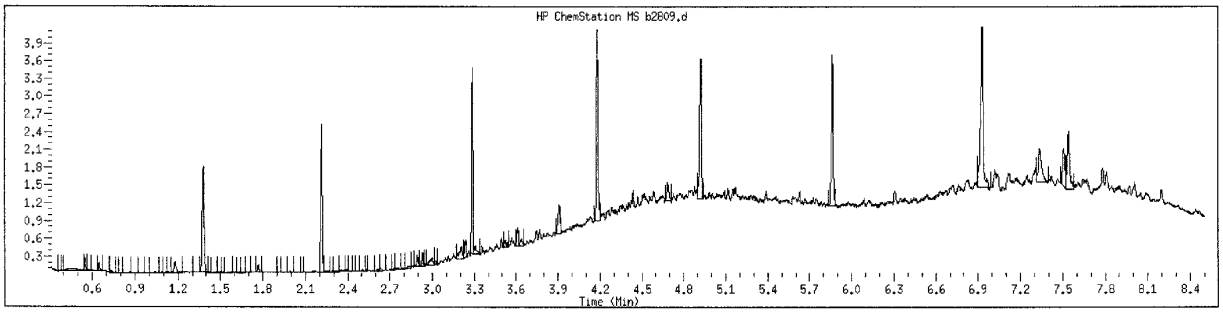


188894

Data file : /var/chem/MSSV3.i/2060723.s.b/b2809.d Page: 1
Report Date: 07/26/2006 09:13

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200612	SampleType	: SAMPLE
Injection Date	: 23-JUL-2006 15:51	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 20607200612*4482*		
Misc Info	: 20607200612*MSSV~3840~*072006*30.1-1X20*32841		
Method	: /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m		
Dilution	: 20.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

188895

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 7.3 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SG4SB56-111-(0-0.5)

Contract:

Lab File ID: 2060722/B2696

Lab Sample ID: 20607200613

Date Collected: 07/18/06 Time: 1720

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0045

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	356	U	7.72	356
95-95-4	2,4,5-Trichlorophenol	356	U	7.24	356
88-06-2	2,4,6-Trichlorophenol	356	U	16.0	356
120-83-2	2,4-Dichlorophenol	356	U	9.29	356
51-28-5	2,4-Dinitrophenol	1800	U	61.0	1800
121-14-2	2,4-Dinitrotoluene	356	U	16.0	356
606-20-2	2,6-Dinitrotoluene	356	U	8.63	356
91-58-7	2-Chloronaphthalene	356	U	9.62	356
95-57-8	2-Chlorophenol	356	U	5.69	356
91-57-6	2-Methylnaphthalene	64.1	J	10.1	71.2
88-74-4	2-Nitroaniline	1800	U	23.3	1800
88-75-5	2-Nitrophenol	356	U	14.2	356
91-94-1	3,3'-Dichlorobenzidine	712	U	44.7	712
99-09-2	3-Nitroaniline	1800	U	9.82	1800
534-52-1	2-Methyl-4,6-dinitrophenol	1800	U	18.7	1800
59-50-7	4-Chloro-3-methylphenol	356	U	14.3	356
106-47-8	4-Chloroaniline	356	U	31.4	356
7005-72-3	4-Chlorophenyl-phenylether	356	U	9.47	356
83-32-9	Acenaphthene	107		9.28	71.2
208-96-8	Acenaphthylene	33.8	J	10.5	71.2
98-86-2	Acetophenone	8.55	J	7.65	356
62-53-3	Aniline	356	U	6.90	356
120-12-7	Anthracene	147		10.2	71.2
1912-24-9	Atrazine (Aatrex)	712	U	18.3	712
100-52-7	Benzaldehyde	712	U	27.2	712
92-87-5	Benzidine	1420	U	48.0	1420
56-55-3	Benzo(a)anthracene	316		9.49	71.2
50-32-8	Benzo(a)pyrene	353		9.43	71.2
205-99-2	Benzo(b)fluoranthene	553		6.60	356

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 7.3 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SG4SB56-111-(0-0.5)

Contract:

Lab File ID: 2060722/B2696

Lab Sample ID: 20607200613

Date Collected: 07/18/06 Time: 1720

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0045

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	84.3	J	9.44	356
207-08-9	Benzo(k)fluoranthene	159	J	14.6	356
65-85-0	Benzoic acid	1800	U	166	1800
100-51-6	Benzyl alcohol	356	U	10.5	356
92-52-4	Biphenyl	79.0	J	10.5	356
111-91-1	Bis(2-Chloroethoxy)methane	356	U	12.3	356
111-44-4	Bis(2-Chloroethyl)ether	356	U	11.1	356
108-60-1	bis(2-Chloroisopropyl)ether	356	U	13.8	356
117-81-7	bis(2-ethylhexyl)phthalate	232	B	9.60	71.2
101-55-3	4-Bromophenyl-phenylether	356	U	8.69	356
85-68-7	Butylbenzylphthalate	40.0	J	11.7	356
105-60-2	Caprolactam	356	U	73.7	356
86-74-8	Carbazole	43.2	J	9.20	356
218-01-9	Chrysene	377		8.33	356
84-74-2	Di-n-butylphthalate	53.1	J	26.7	356
117-84-0	Di-n-octylphthalate	356	U	7.75	356
53-70-3	Dibenz(a,h)anthracene	142		9.00	71.2
132-64-9	Dibenzofuran	32.0	J	13.2	356
84-66-2	Diethylphthalate	356	U	15.9	356
131-11-3	Dimethyl-phthalate	356	U	11.7	356
105-67-9	2,4-Dimethylphenol	356	U	24.1	356
206-44-0	Fluoranthene	751		10.5	356
86-73-7	Fluorene	106		9.15	71.2
118-74-1	Hexachlorobenzene	356	U	11.5	356
77-47-4	Hexachlorocyclopentadiene	356	U	7.72	356
67-72-1	Hexachloroethane	356	U	14.9	356
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	15.1	356
78-59-1	Isophorone	356	U	9.07	356
100-01-6	4-Nitroaniline	1800	U	25.8	1800

FORM I SV-1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 7.3 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SG4SB56-111-(0-0.5)
Contract:
Lab File ID: 2060722/B2696
Lab Sample ID: 20607200613
Date Collected: 07/18/06 Time: 1720
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/23/06 Time: 0045
Dilution Factor: 1 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	356	U	13.4	356
100-02-7	4-Nitrophenol	1800	U	46.8	1800
87-86-5	Pentachlorophenol	1800	U	92.7	1800
85-01-8	Phenanthrene	918		11.6	71.2
108-95-2	Phenol	356	U	11.6	356
129-00-0	Pyrene	390		11.2	356
110-86-1	Pyridine	356	U	21.4	356
1319-77-3M	m,p-Cresol	356	U	13.2	356
621-64-7	N-Nitroso-di-n-propylamine	71.2	U	9.62	71.2
62-75-9	N-Nitrosodimethylamine	356	U	46.4	356
86-30-6	N-Nitrosodiphenylamine	356	U	10.6	356
95-48-7	o-Cresol	356	U	14.5	356

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2696.d
Lab Smp Id: 20607200613 Client Smp ID: 20607200613
Inj Date : 23-JUL-2006 00:45
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200613*4482*
Misc Info : 20607200613*MSSV~3839~*072006*30.0-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 44
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.653	0.648	(0.471)	322334	104.614	3490
$ 4 Phenol-d5	99	1.181	1.181	(0.853)	1163052	75.0548	2500
* 10 1,4-Dichlorobenzene-d4	152	1.385	1.386	(1.000)	207956	40.0000	
$ 19 Nitrobenzene-d5	82	1.771	1.777	(0.798)	697278	42.5615	1420
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	667396	40.0000	
29 Naphthalene	128	2.231	2.237	(1.005)	25445	1.32006	44.0
33 2-Methylnaphthalene	142	2.666	2.666	(1.201)	22195	1.78080	59.4
145 1-Methylnapthalene	142	2.722	2.722	(1.226)	24613	2.40278	80.1
$ 37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	493245	45.9120	1530
42 Acenaphthylene	152	3.205	3.205	(0.974)	14446	0.93996	31.3
* 44 Acenaphthene-d10	164	3.290	3.293	(1.000)	313449	40.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
45 Acenaphthene +	153	3.310	3.313	(1.006)	29061	2.98715	99.6
47 Dibenzofuran	168	3.415	3.418	(1.038)	12688	0.89146	29.7
51 Fluorene	166	3.622	3.622	(1.101)	33557	2.96188	98.7
$ 57 2,4,6-Tribromophenol	332	3.775	3.775	(1.148)	113302	72.1063	2400
* 61 Phenanthrene-d10	188	4.184	4.184	(1.000)	454519	40.0000	
62 Phenanthrene	178	4.198	4.198	(1.003)	369424	25.5317	851
63 Anthracene	178	4.227	4.230	(1.010)	58116	4.06605	136
64 Carbazole	167	4.343	4.343	(1.038)	13538	1.20190	40.1
65 Di-n-butylphthalate	149	4.587	4.584	(1.096)	19322	1.47717	49.2
67 Fluoranthene +	202	4.916	4.914	(1.175)	289214	20.8816	696
69 Pyrene	202	5.047	5.047	(0.860)	332613	10.8573	362
$ 70 Terphenyl-d14	244	5.175	5.172	(0.882)	480613	22.6965	757
71 Butylbenzylphthalate	149	5.524	5.521	(0.941)	13260	1.11152	37.1
72 Benzo(a)anthracene	228	5.864	5.859	(0.999)	260780	8.77566	293
* 74 Chrysene-d12	240	5.870	5.867	(1.000)	912842	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.966	5.961	(1.016)	95585	6.44167	215
75 Chrysene	228	5.887	5.887	(1.003)	327420	10.5039	350
78 Benzo(b)fluoranthene	252	6.662	6.648	(0.960)	334657	15.4023	513(M)
79 Benzo(k)fluoranthene	252	6.673	6.670	(0.962)	148630	4.42216	147(M)
80 Benzo(a)pyrene +	252	6.889	6.880	(0.993)	207122	9.82131	327
* 81 Perylene-d12	264	6.937	6.920	(1.000)	800939	40.0000	
82 Indeno(1,2,3-cd)pyrene	276	7.664	7.650	(1.306)	74546	3.90690	130
83 Dibenzo(a,h)anthracene	278	7.678	7.672	(1.107)	18857	3.94885	132
84 Benzo(g,h,i)perylene	276	7.825	7.817	(1.128)	64295	2.34610	78.2
91 Acetophenone	105	1.681	1.686	(1.213)	3858	0.23792	7.93
157 Biphenyl	154	2.952	2.955	(1.330)	29007	2.19921	73.3

QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Sample Info: 20607200613*4482*

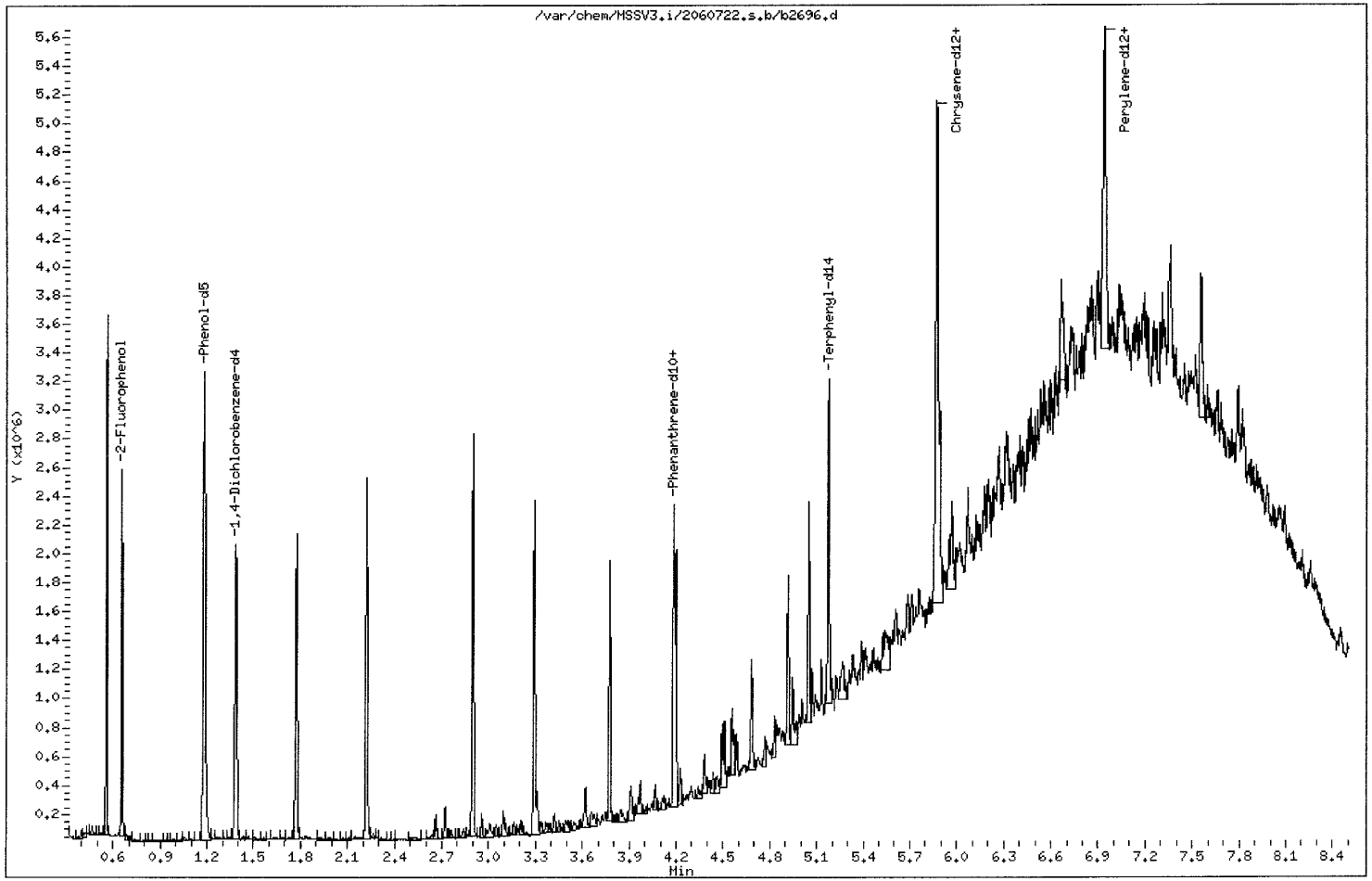
Volume Injected (uL): 1.0

Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr

Column diameter: 0.25



Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

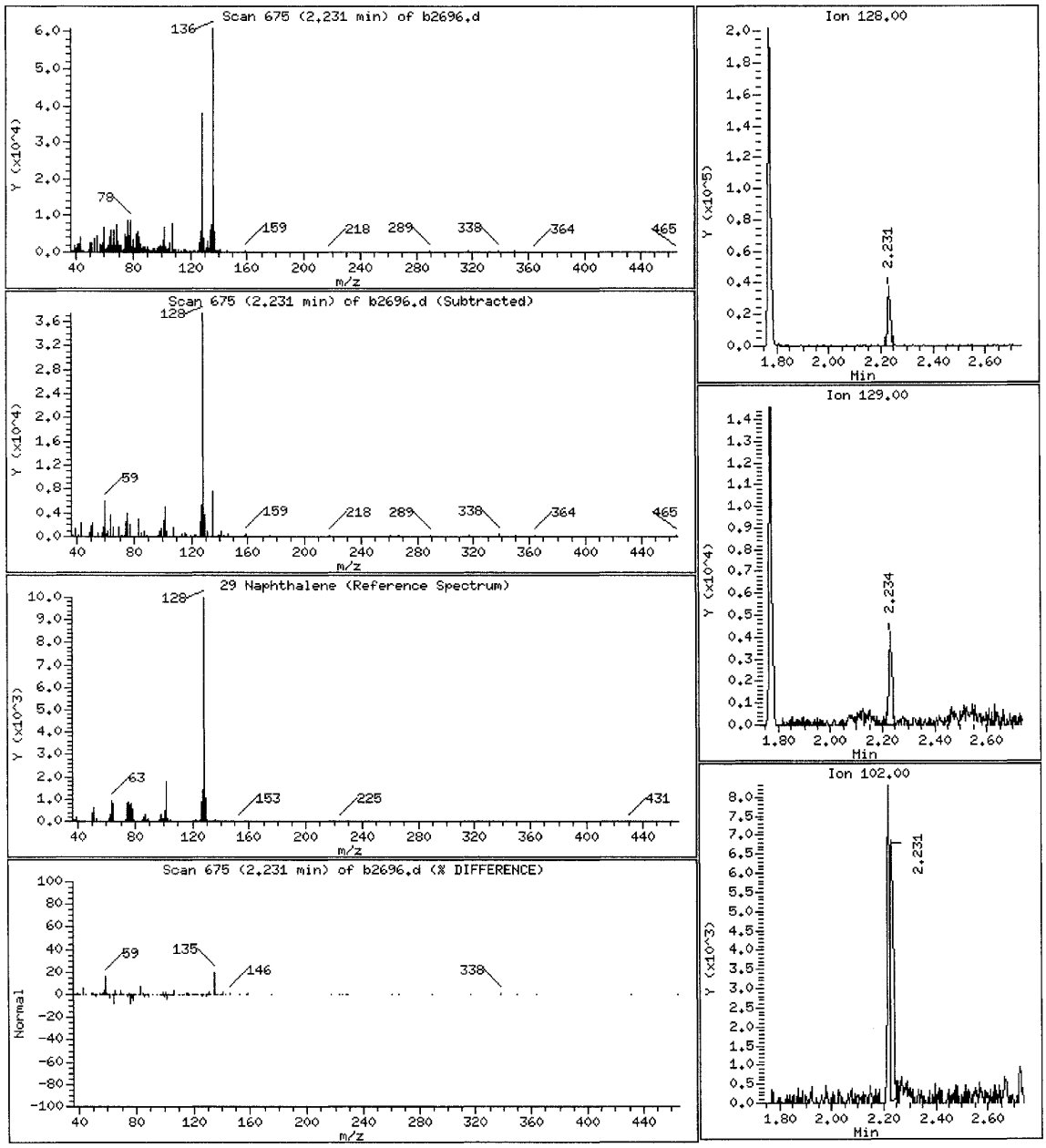
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

29 Naphthalene

Concentration: 44.0 ug/Kg



188902

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

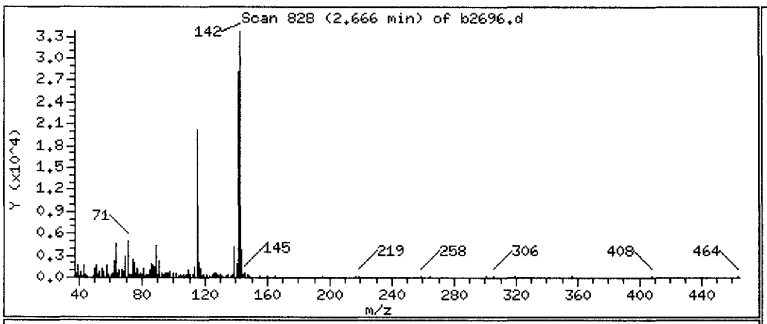
Operator: rrr

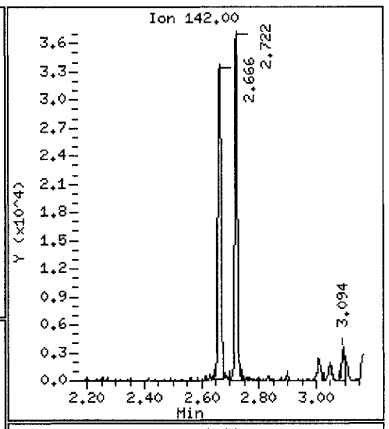
Column phase: RTX-5MS-30M

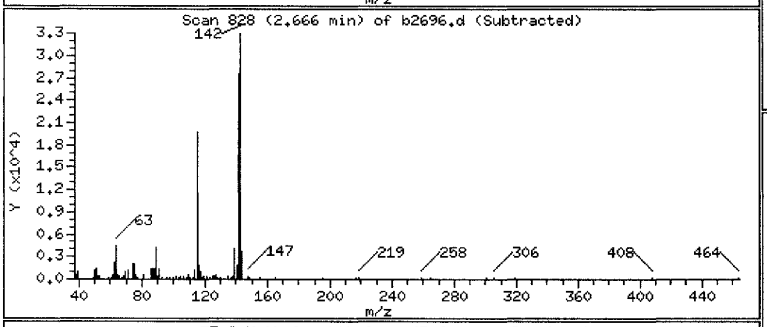
Column diameter: 0.25

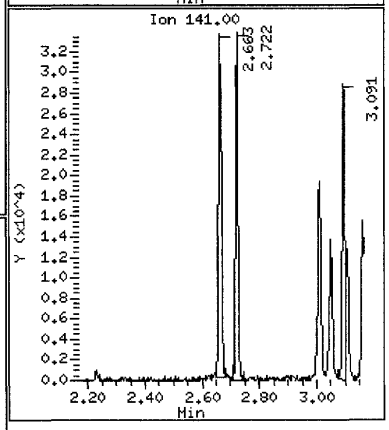
33 2-Methylnaphthalene

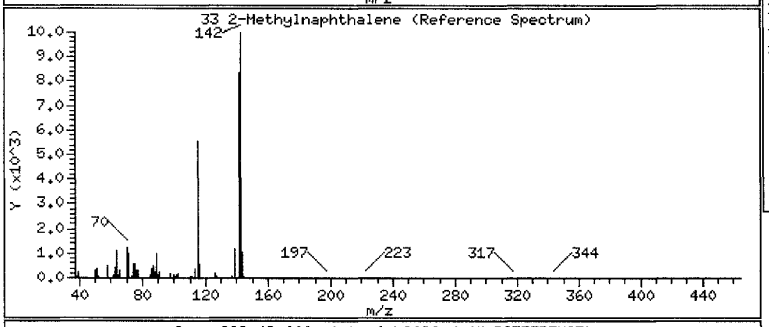
Concentration: 59.4 ug/Kg

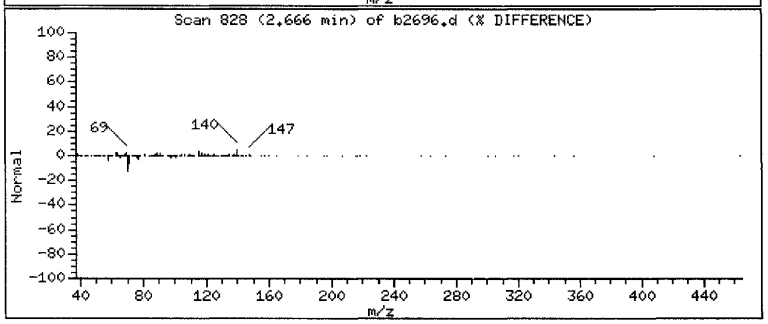












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

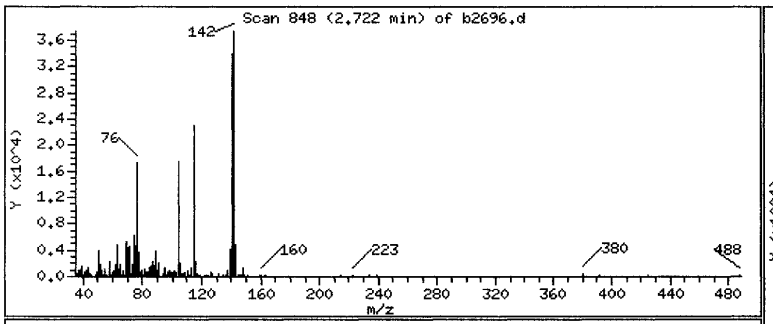
Operator: rrr

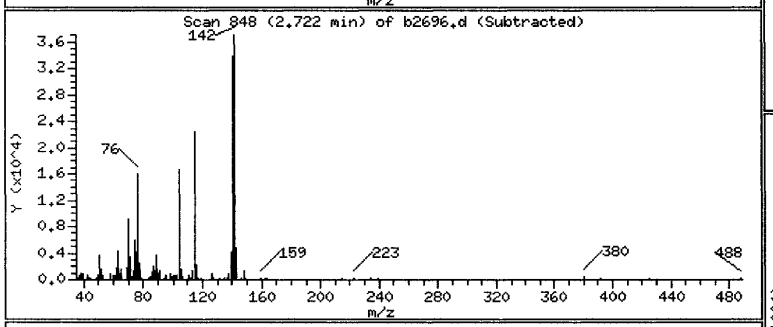
Column phase: RTX-5MS-30M

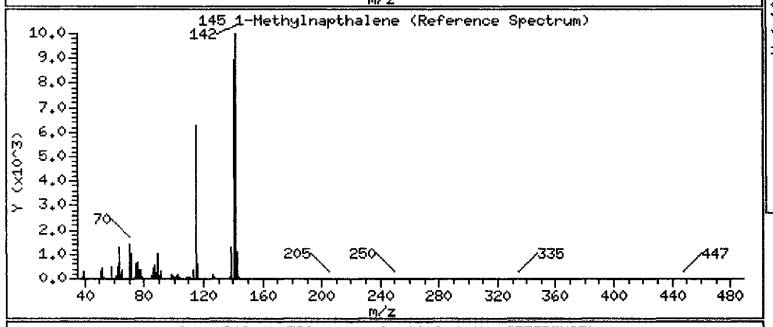
Column diameter: 0.25

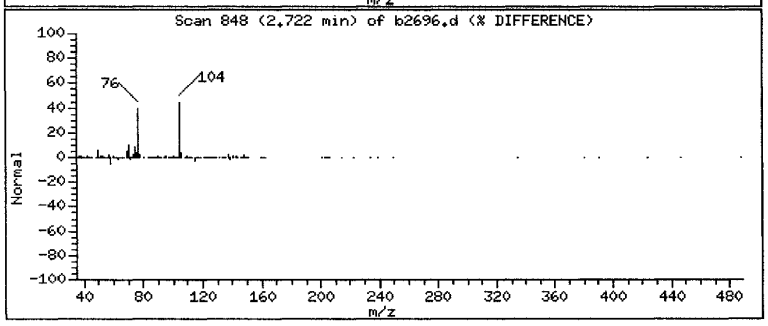
145 1-Methylnapthalene

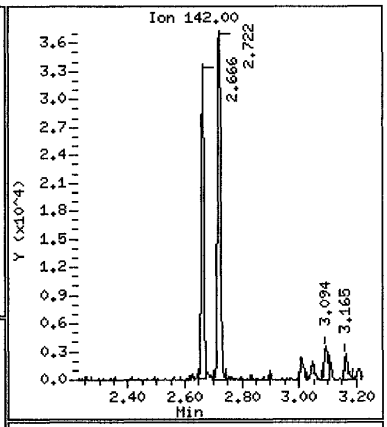
Concentration: 80.1 ug/Kg

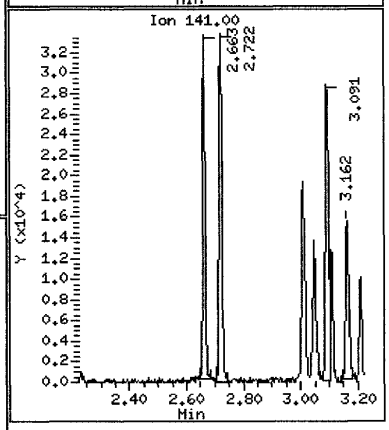












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

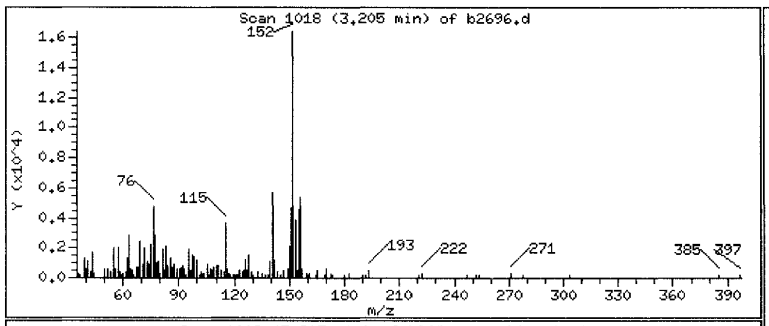
Operator: rrr

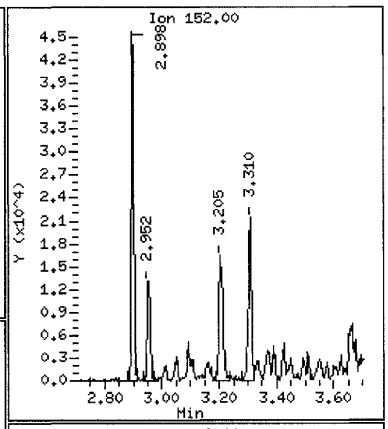
Column phase: RTX-5MS-30M

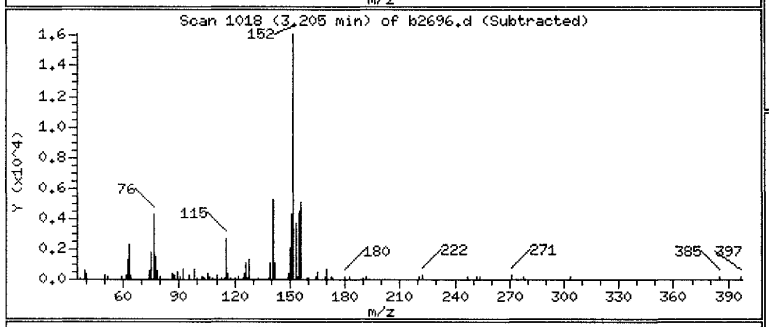
Column diameter: 0.25

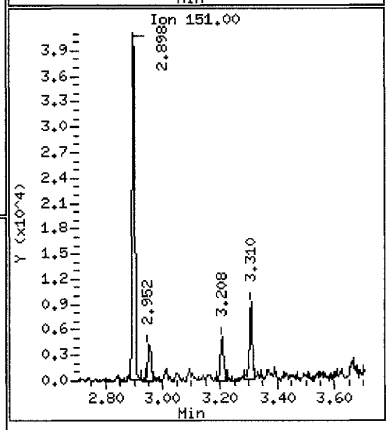
42 Acenaphthylene

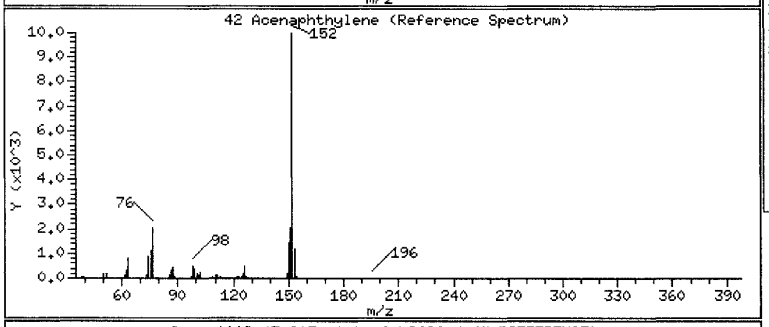
Concentration: 31.3 ug/Kg

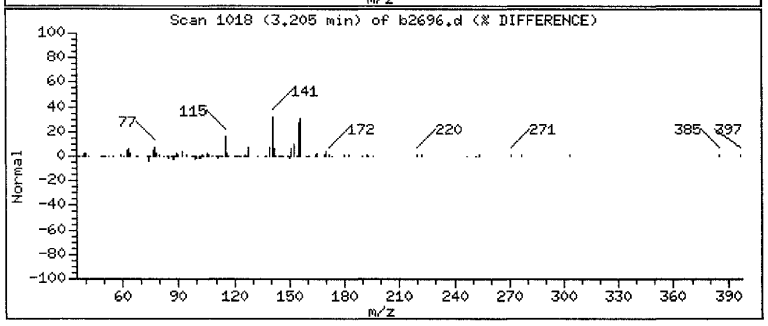












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

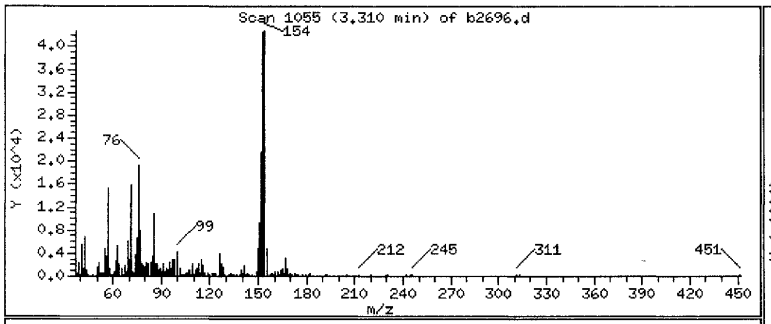
Operator: rrr

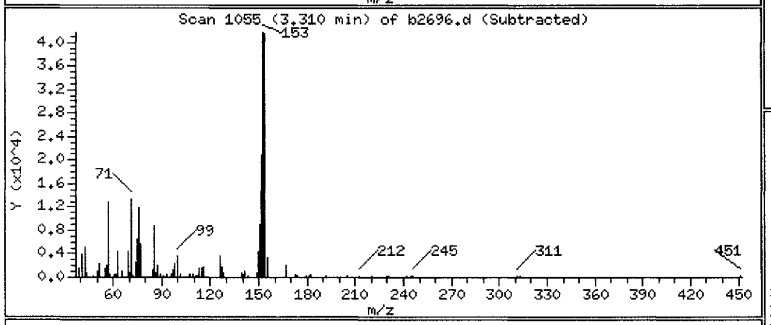
Column phase: RTX-5MS-30M

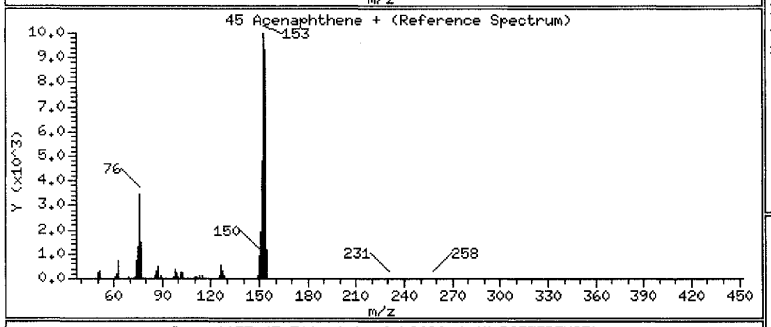
Column diameter: 0.25

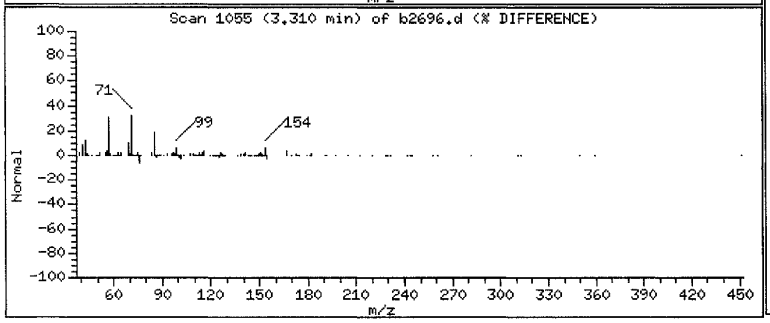
45 Acenaphthene +

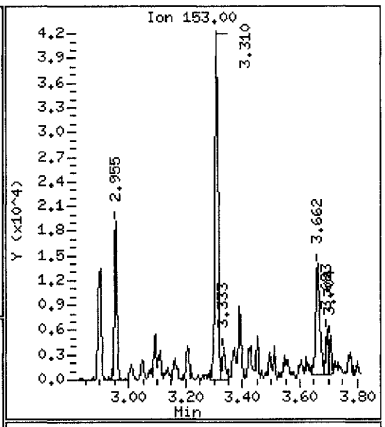
Concentration: 99.6 ug/Kg

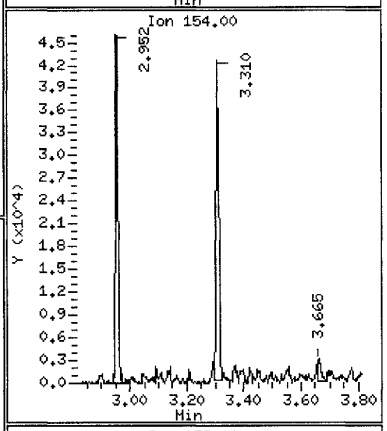


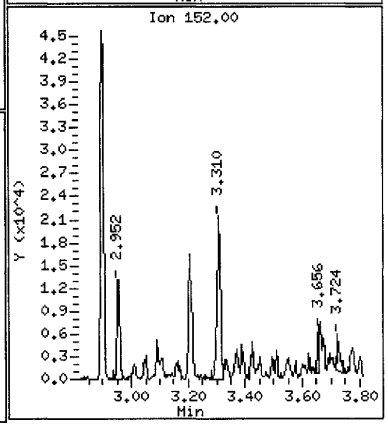












000924

188906

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

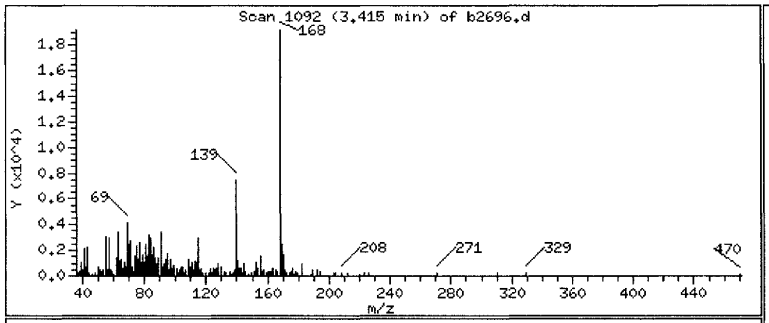
Operator: rrr

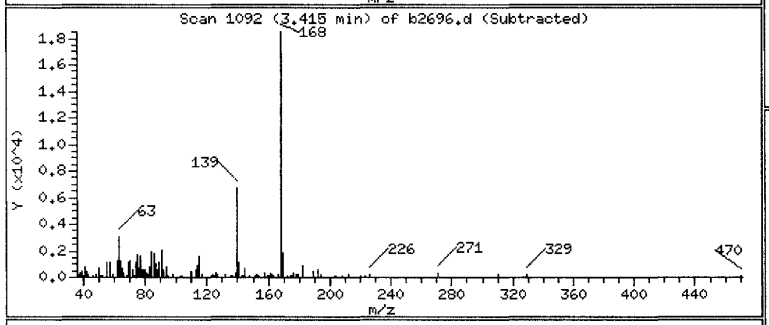
Column phase: RTX-5MS-30M

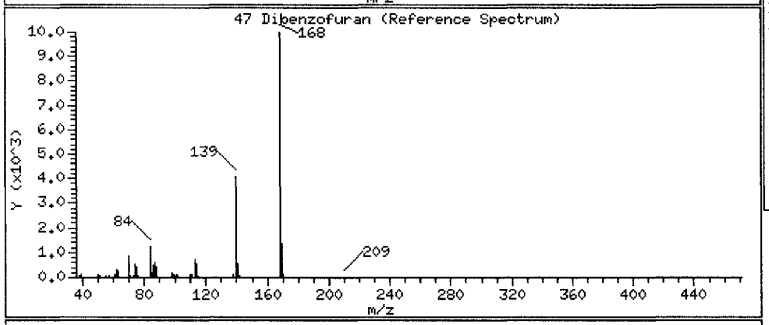
Column diameter: 0.25

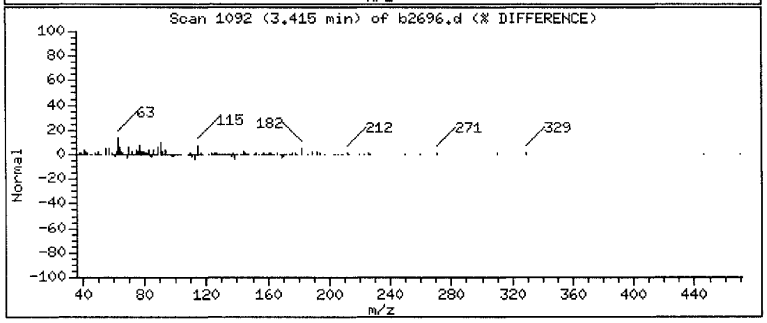
47 Dibenzofuran

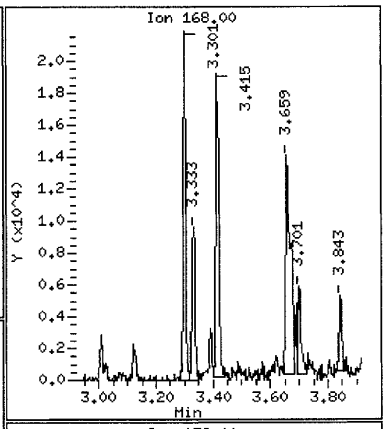
Concentration: 29.7 ug/Kg

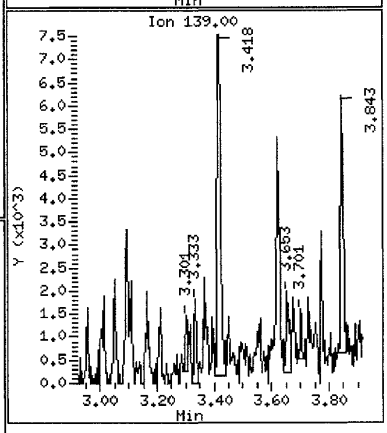












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

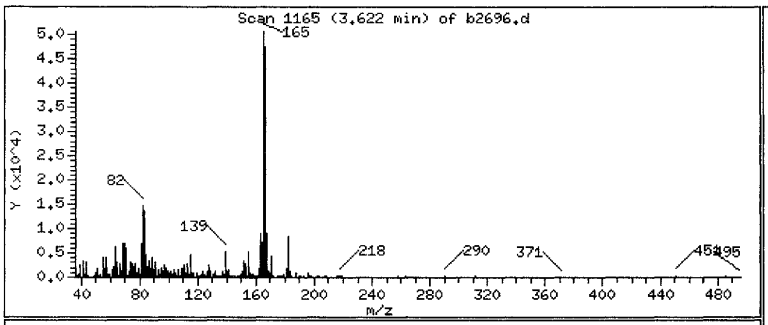
Operator: rrr

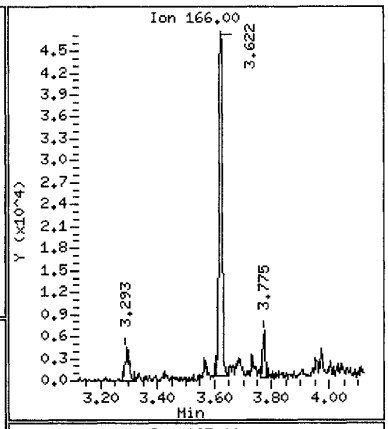
Column phase: RTX-5MS-30M

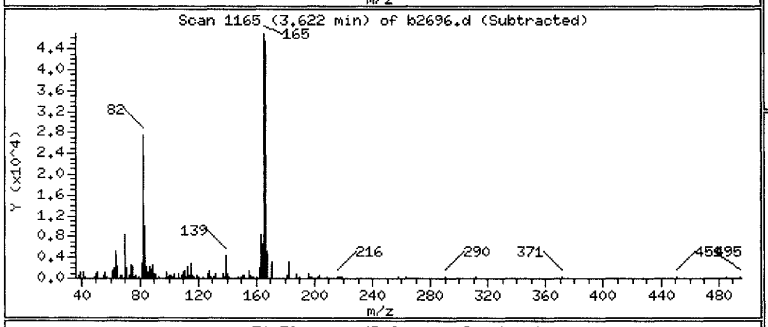
Column diameter: 0.25

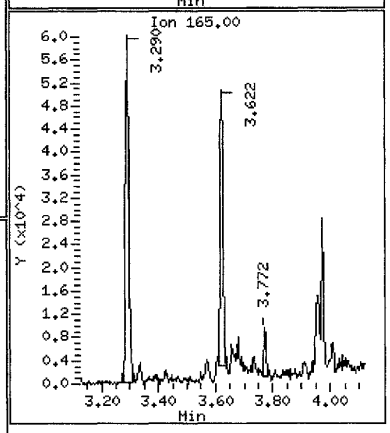
51 Fluorene

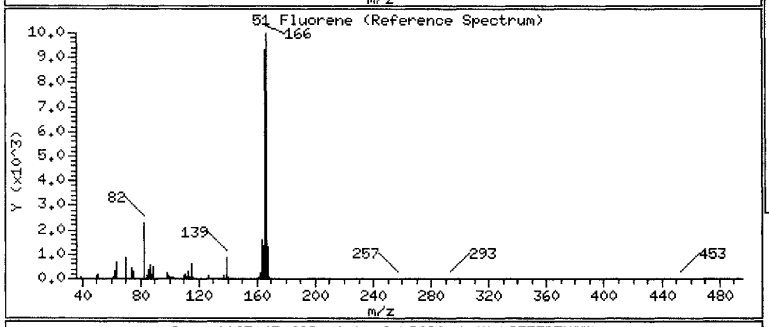
Concentration: 98.7 ug/Kg

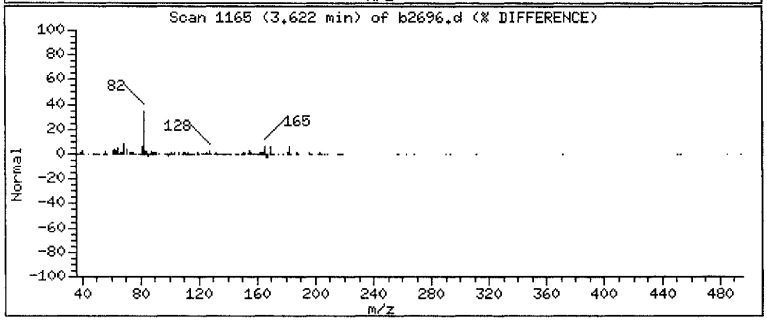












000936

188908

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

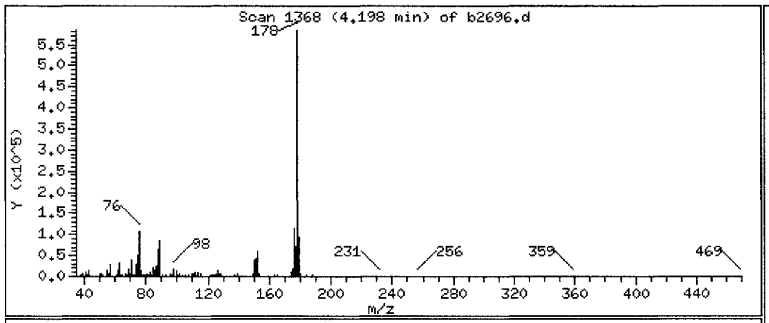
Operator: rrr

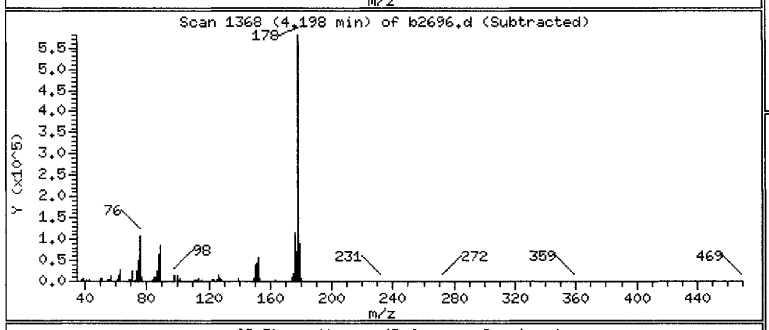
Column phase: RTX-5MS-30M

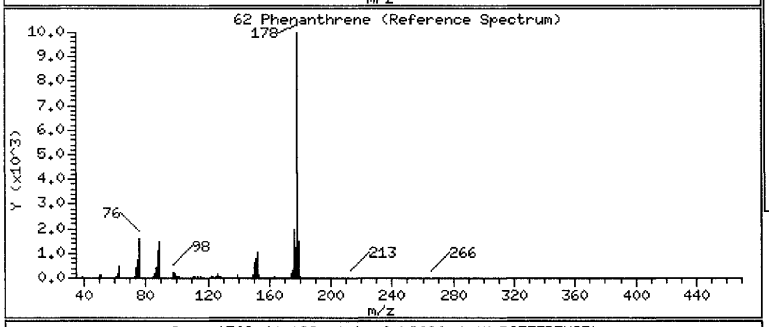
Column diameter: 0.25

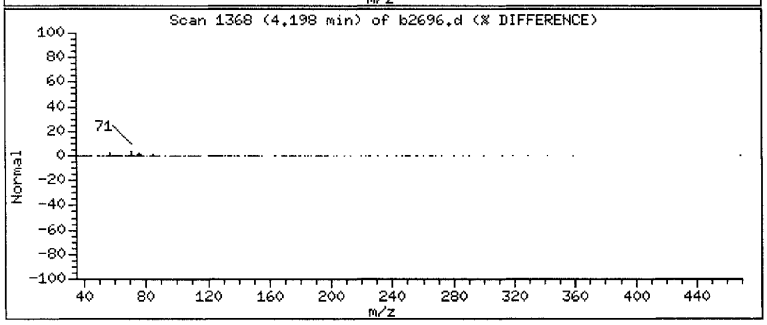
62 Phenanthrene

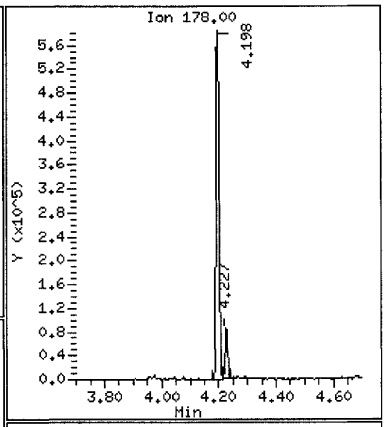
Concentration: 851 ug/Kg

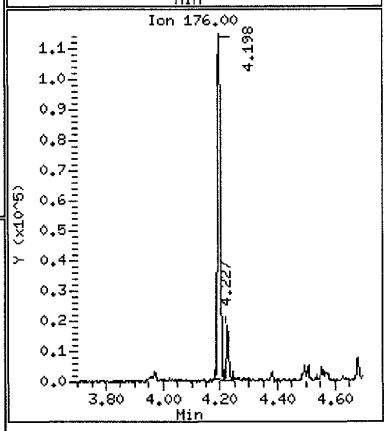












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

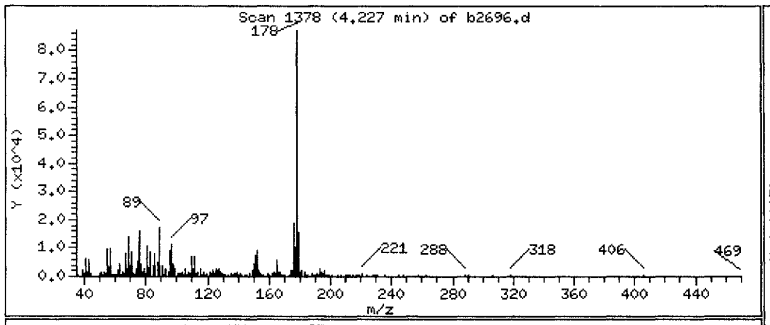
Operator: rrr

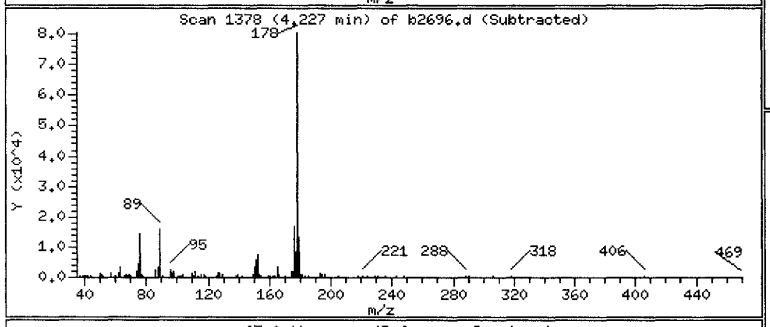
Column phase: RTX-5MS-30M

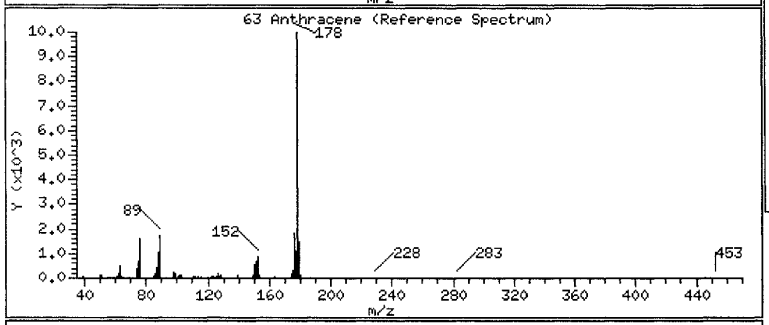
Column diameter: 0.25

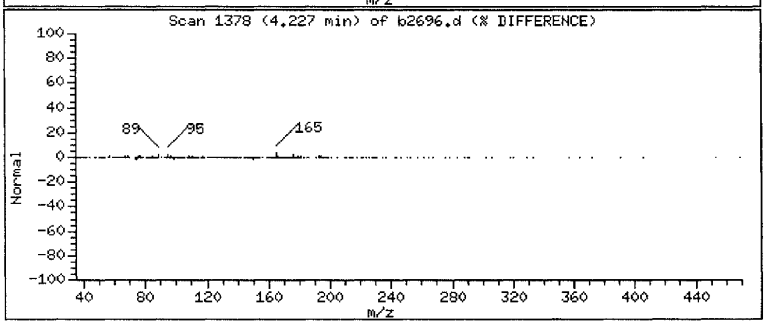
63 Anthracene

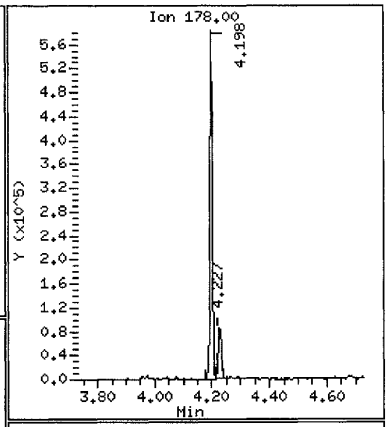
Concentration: 136 ug/Kg

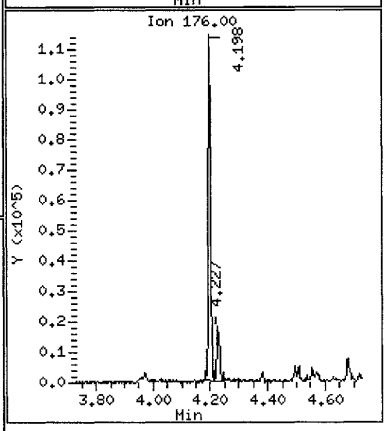












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

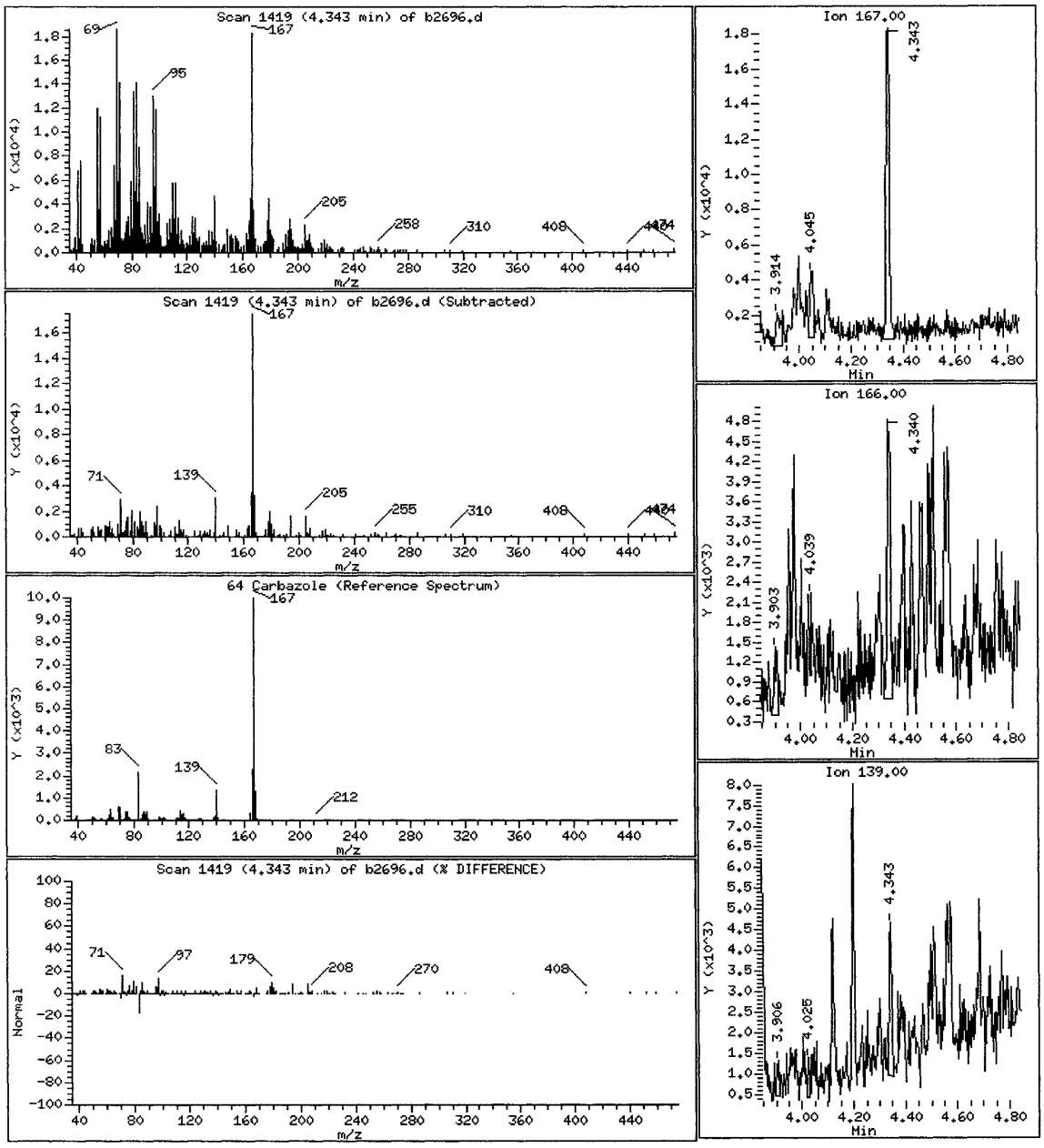
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

64 Carbazole

Concentration: 40.1 ug/Kg



Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

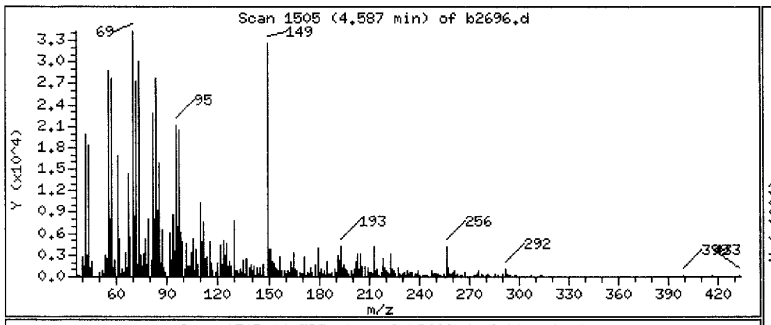
Operator: rrr

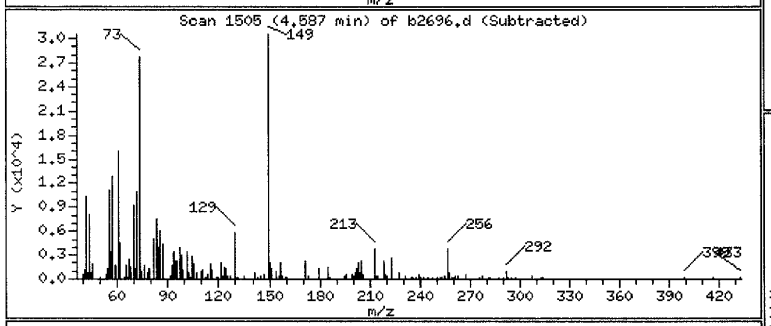
Column phase: RTX-5MS-30M

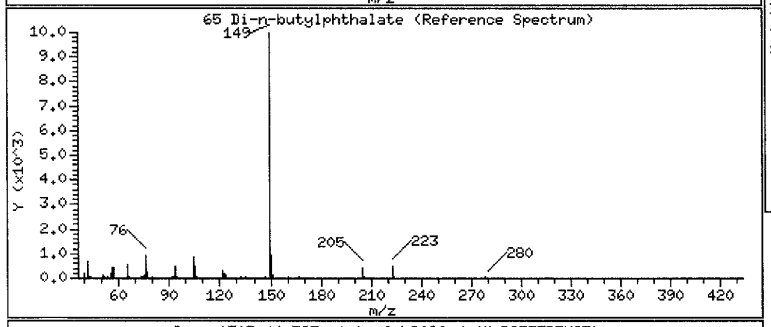
Column diameter: 0.25

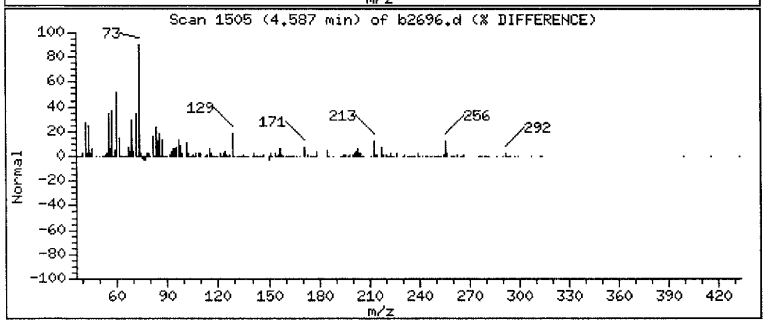
65 Di-n-butylphthalate

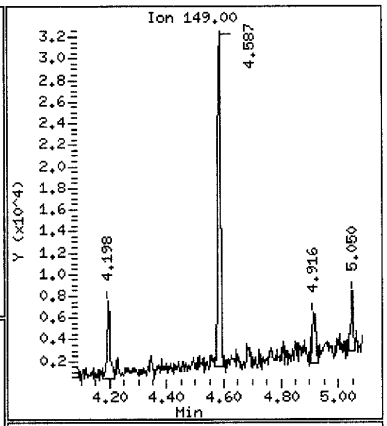
Concentration: 49.2 ug/Kg

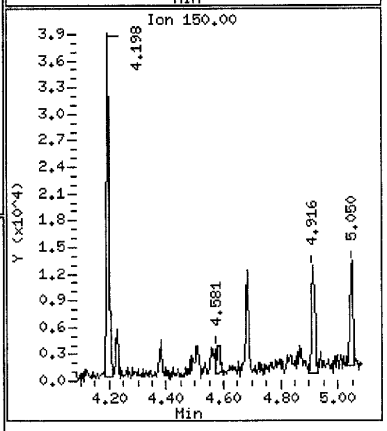












Data File: /var/chem/MSSW3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSW3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

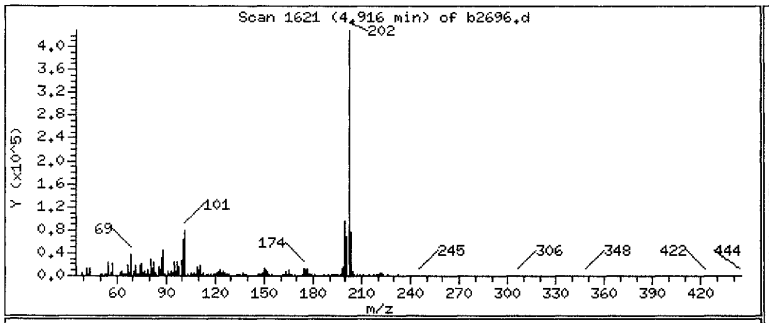
Operator: rrr

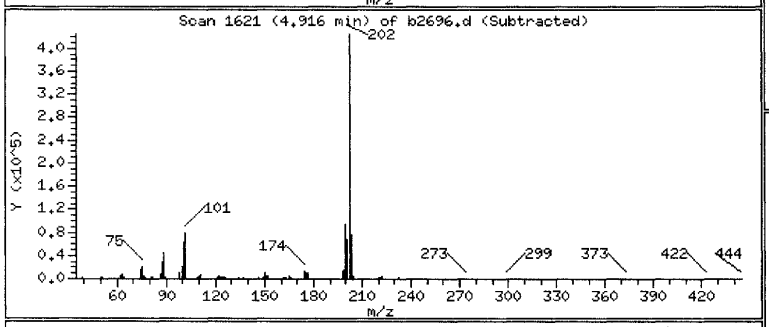
Column phase: RTX-5MS-30M

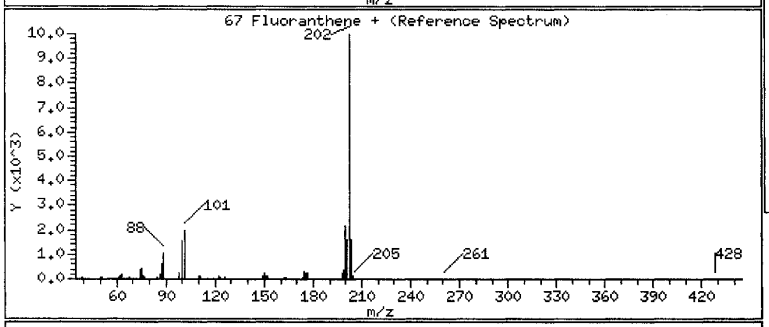
Column diameter: 0.25

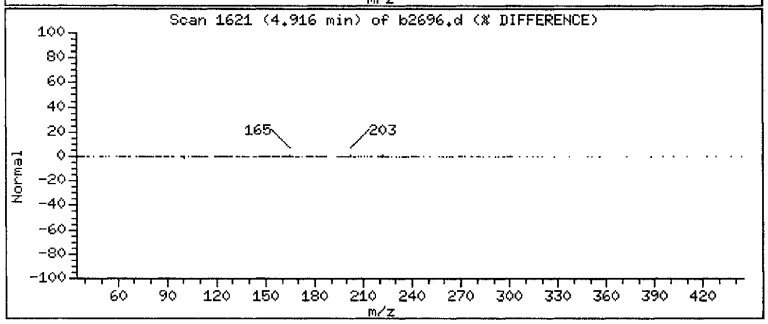
67 Fluoranthene +

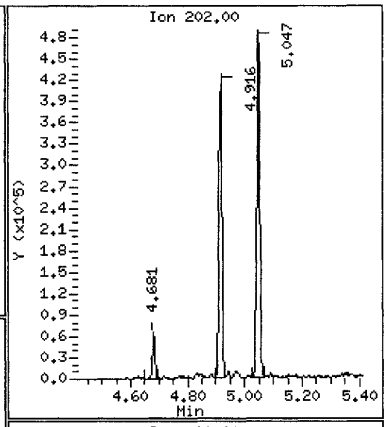
Concentration: 696 ug/Kg

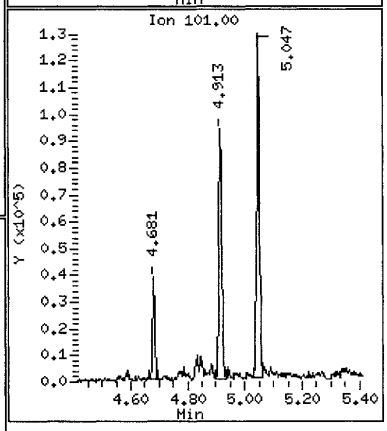












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

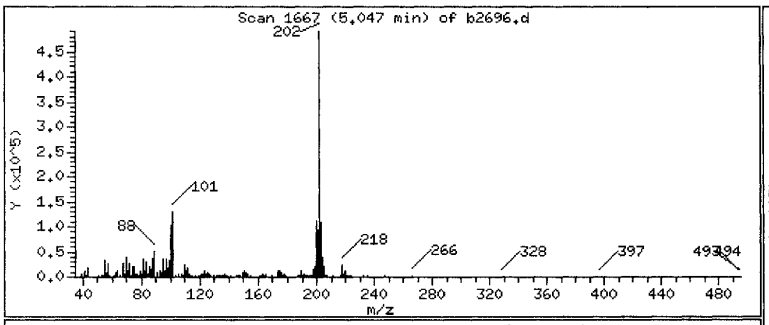
Operator: rrr

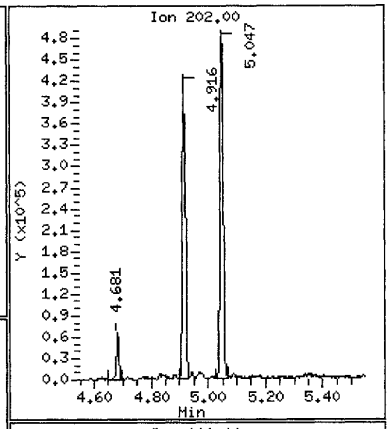
Column phase: RTX-5MS-30M

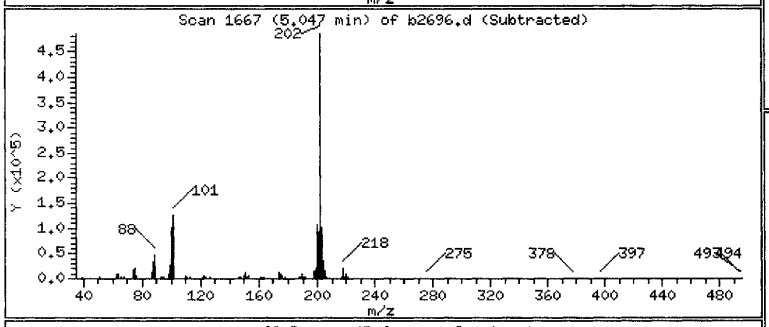
Column diameter: 0.25

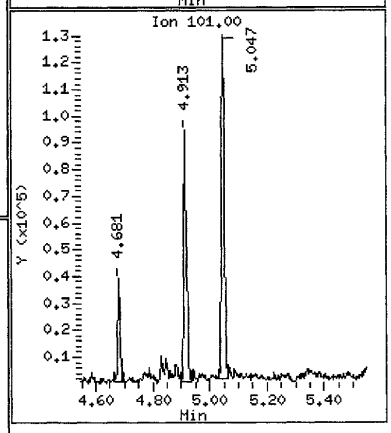
69 Pyrene

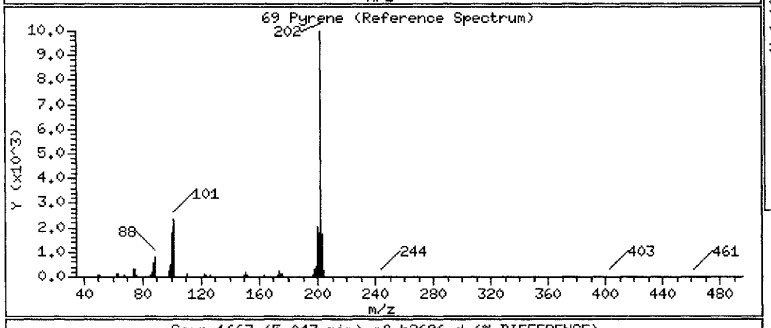
Concentration: 362 ug/Kg

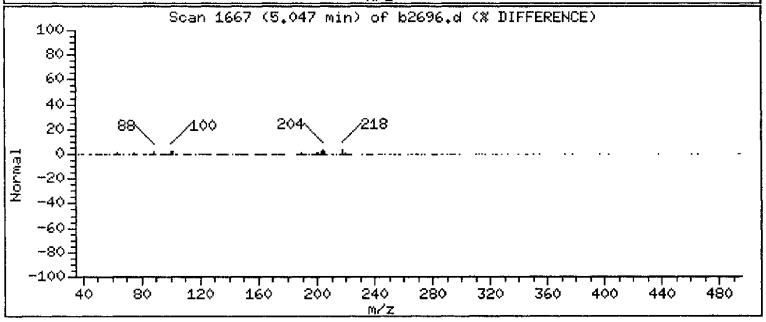












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

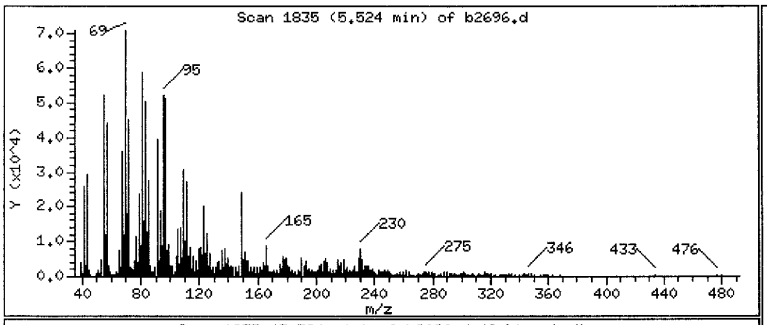
Operator: rrr

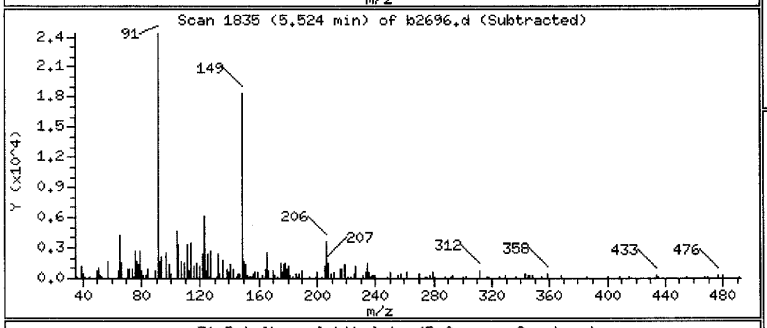
Column phase: RTX-5MS-30M

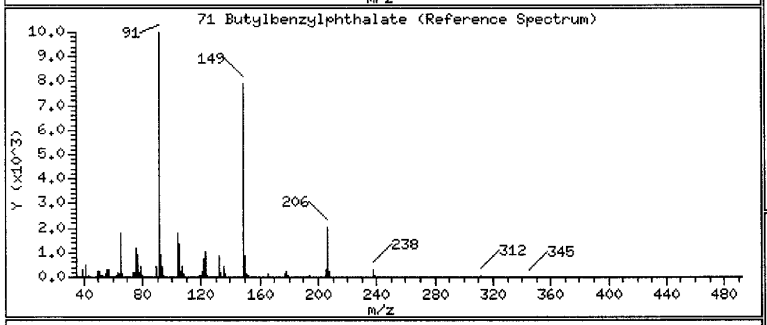
Column diameter: 0.25

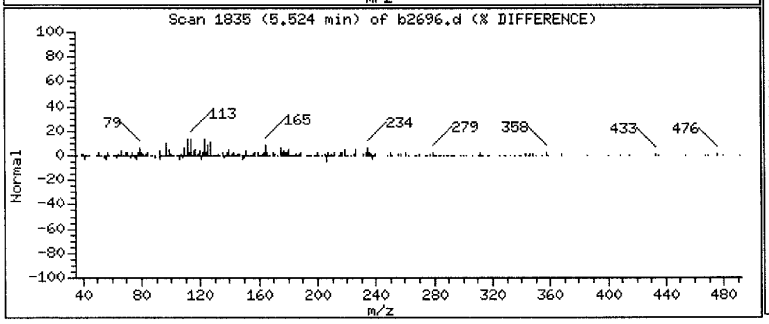
71 Butylbenzylphthalate

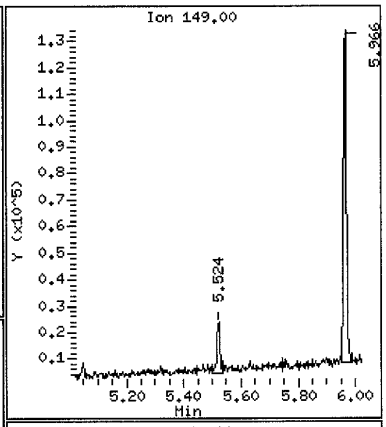
Concentration: 37.1 ug/Kg

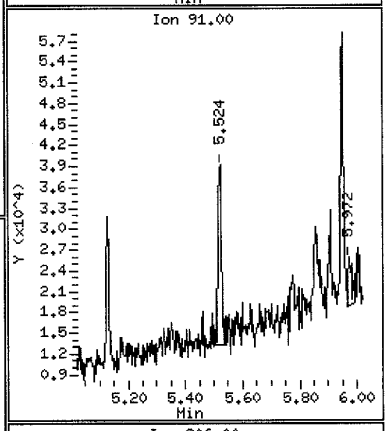


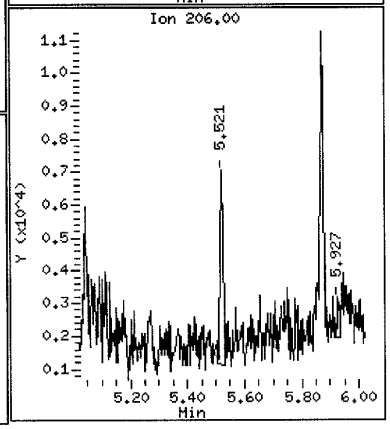












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

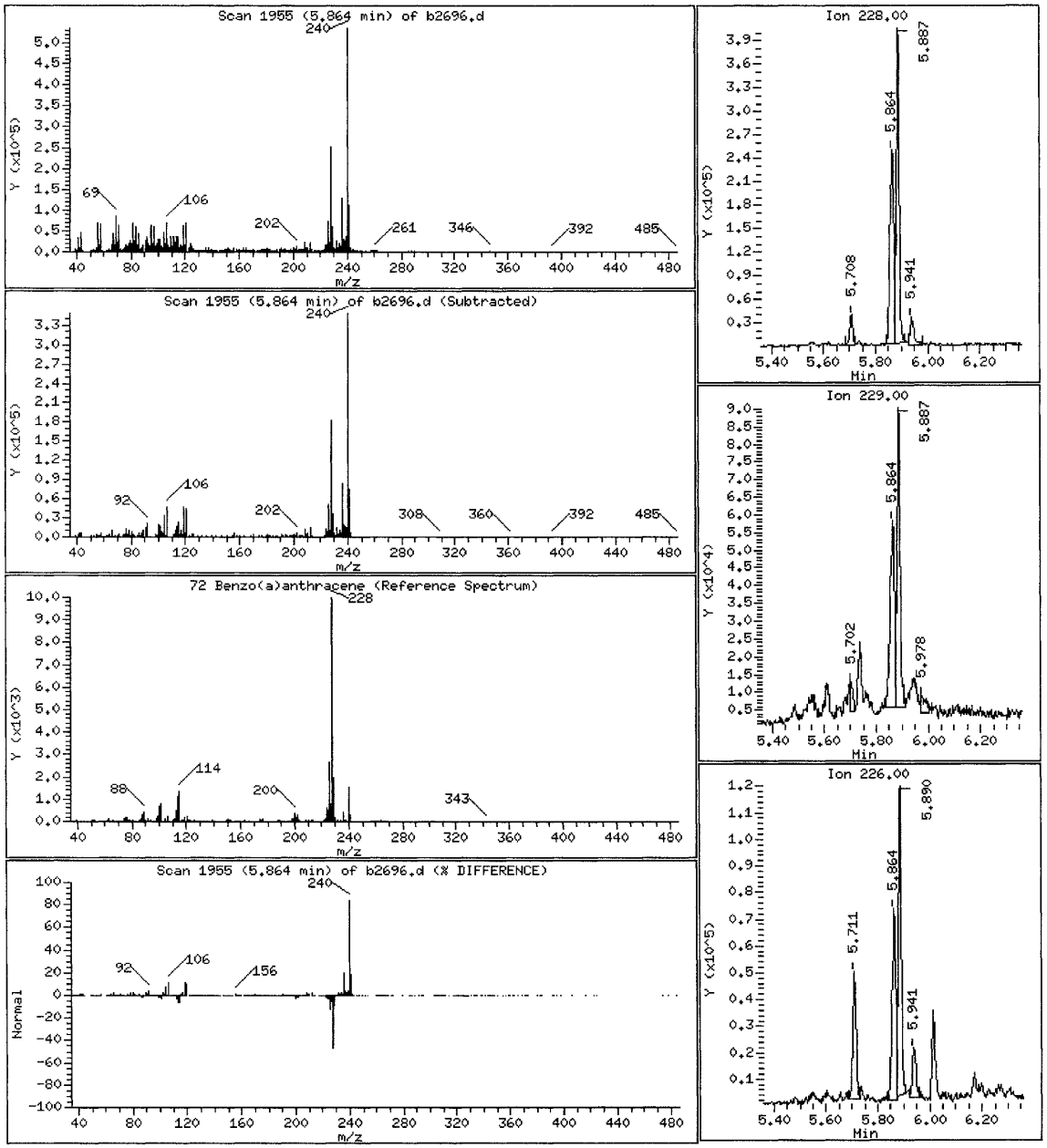
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

72 Benzo(a)anthracene

Concentration: 293 ug/Kg



Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

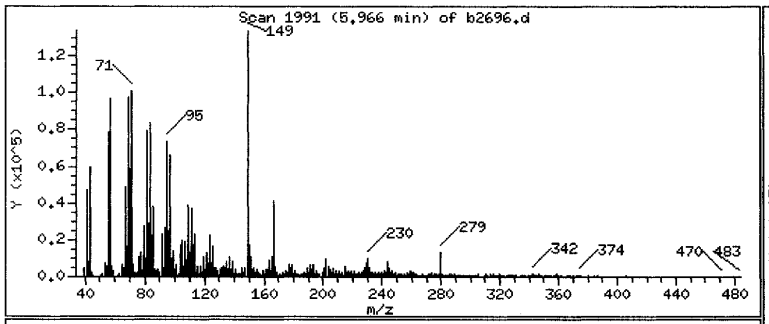
Client ID: 20607200613 Instrument: MSSV3.i

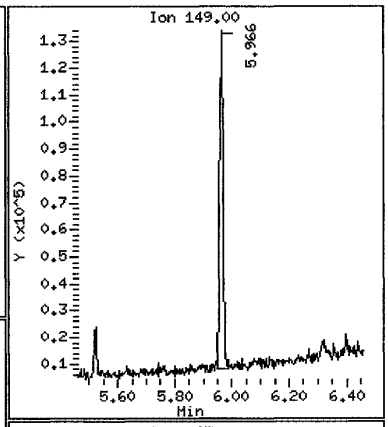
Sample Info: 20607200613*4482*

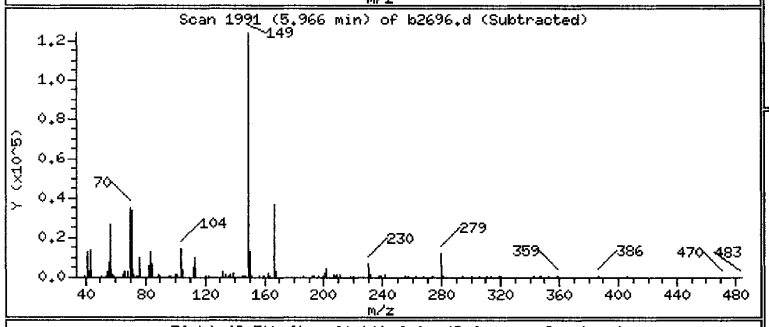
Volume Injected (uL): 1.0 Operator: rrr

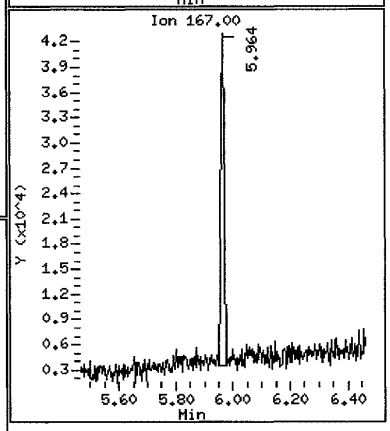
Column phase: RTX-5MS-30M Column diameter: 0.25

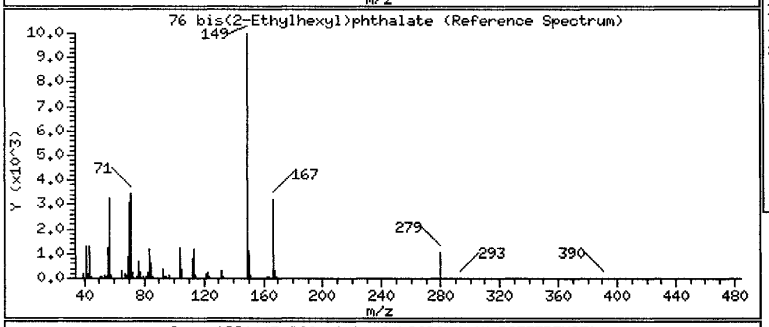
76 bis(2-Ethylhexyl)phthalate Concentration: 215 ug/Kg

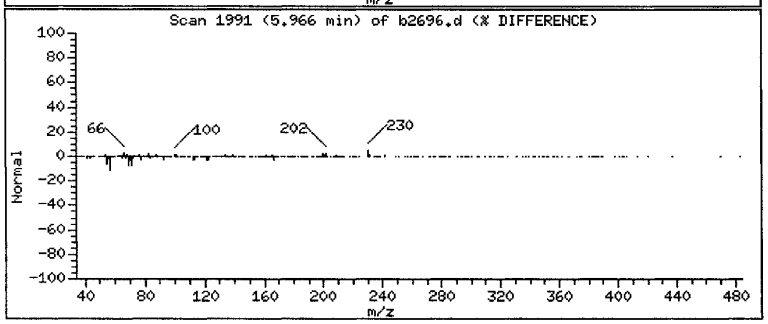












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

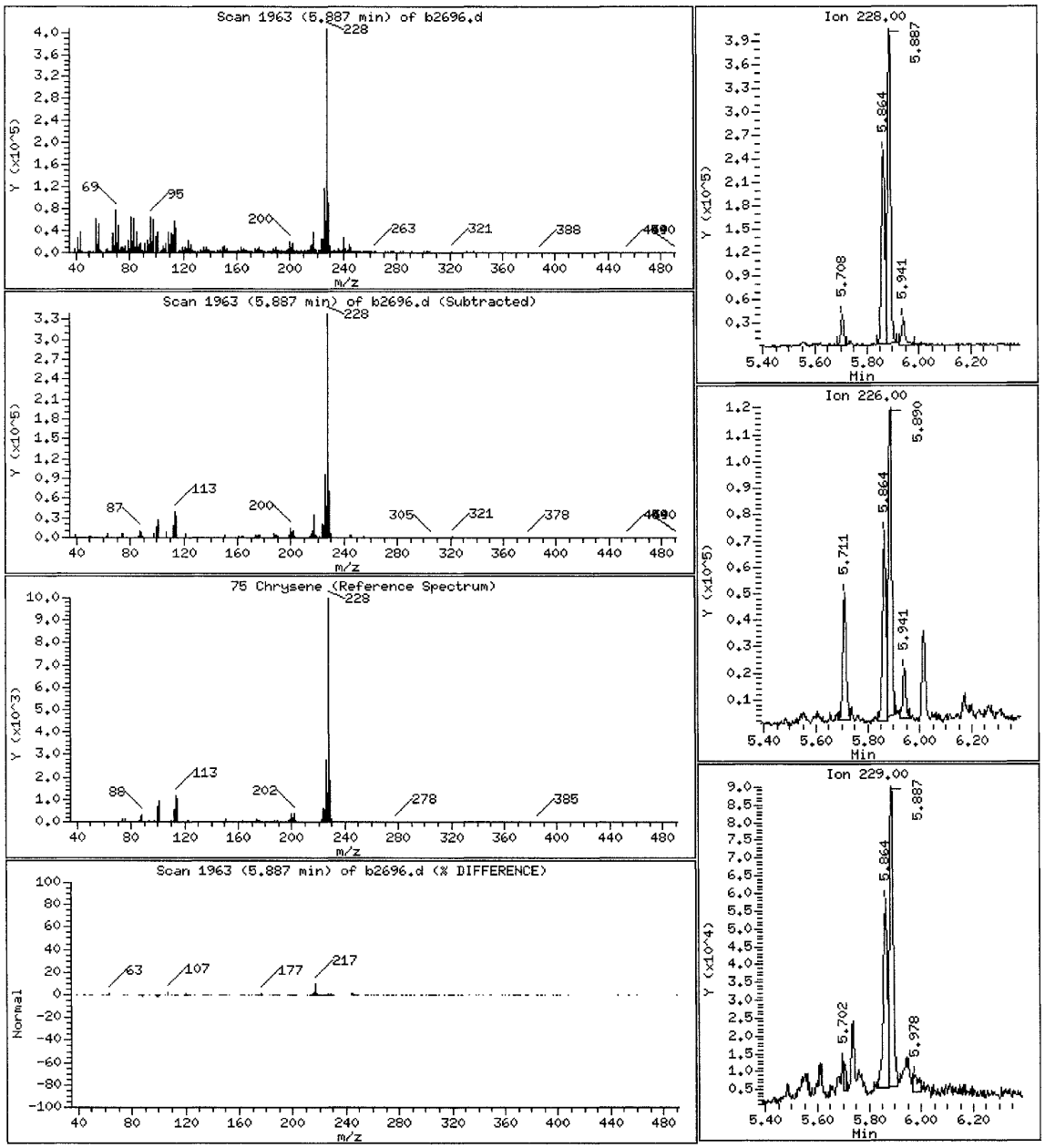
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

75 Chrysene

Concentration: 350 ug/Kg



188918

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

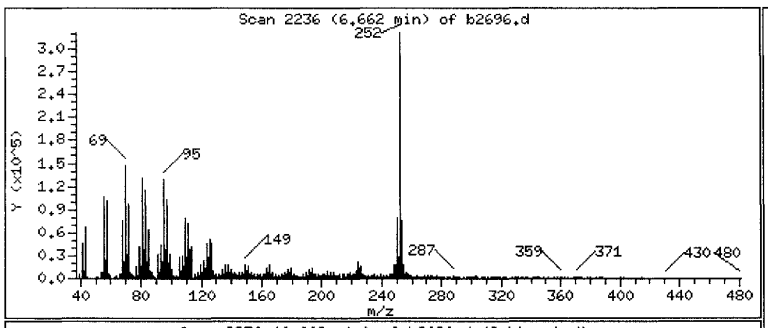
Operator: rrr

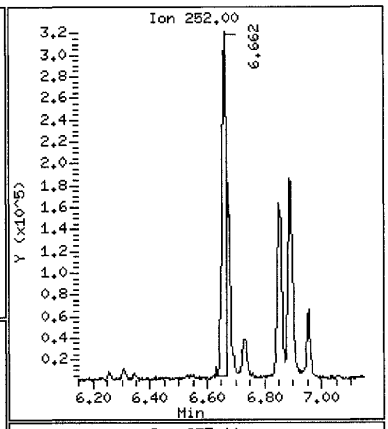
Column phase: RTX-5MS-30M

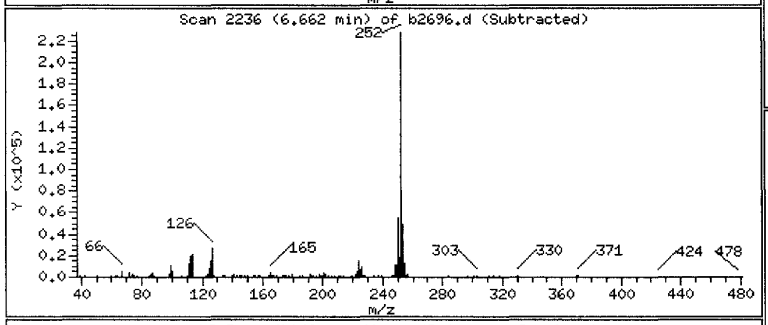
Column diameter: 0.25

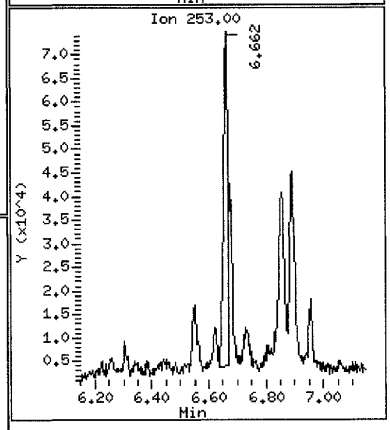
78 Benzo(b)fluoranthene

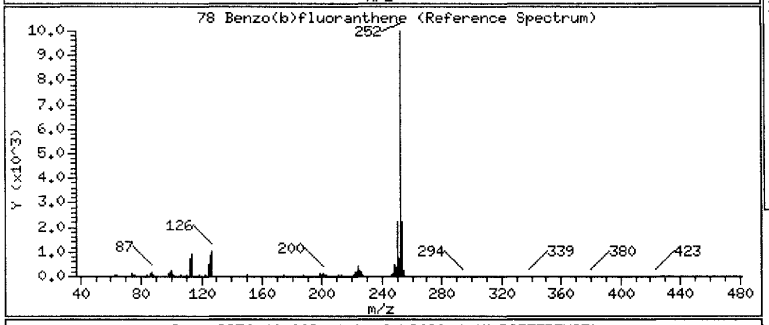
Concentration: 513 ug/Kg

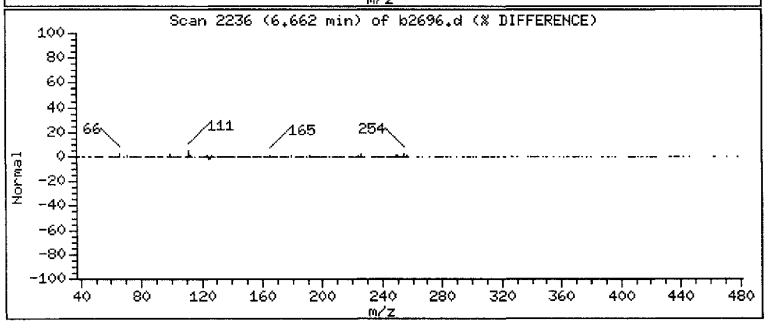












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

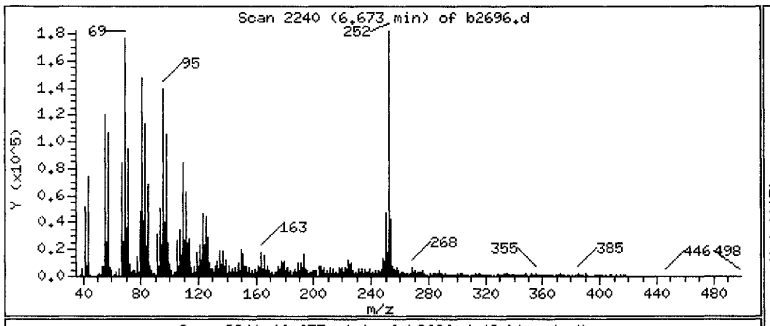
Operator: rrr

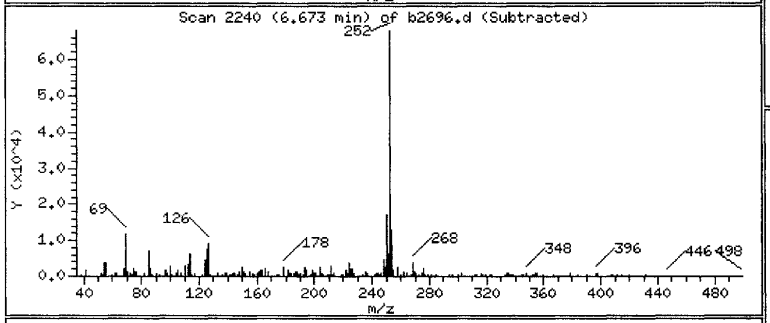
Column phase: RTX-5MS-30M

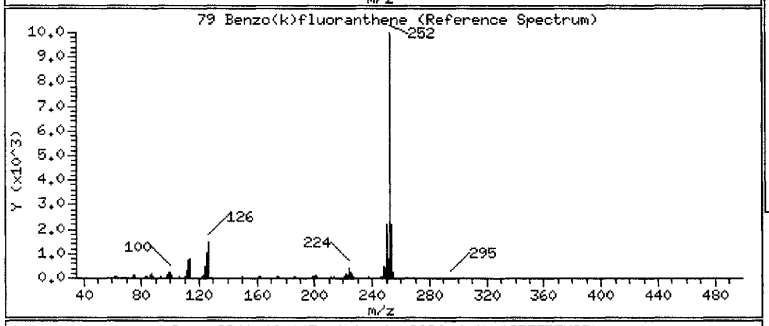
Column diameter: 0.25

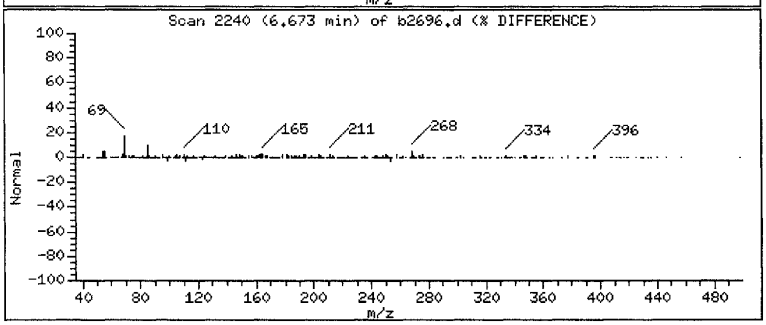
79 Benzo(k)fluoranthene

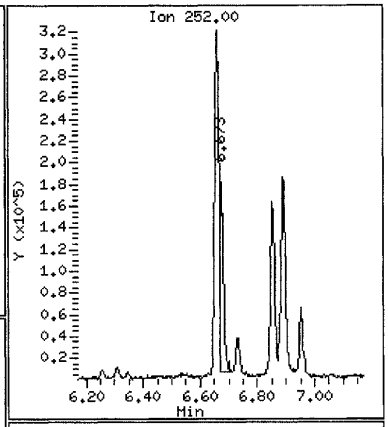
Concentration: 147 ug/Kg

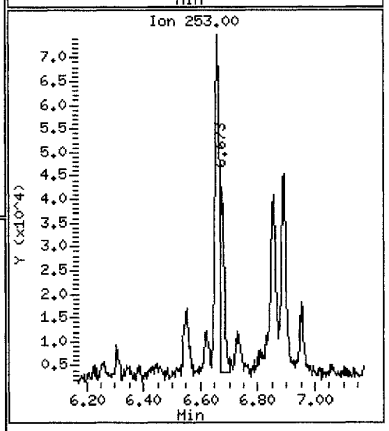












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

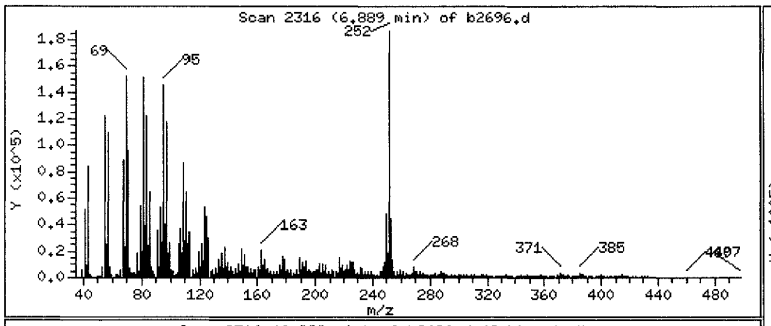
Operator: rrr

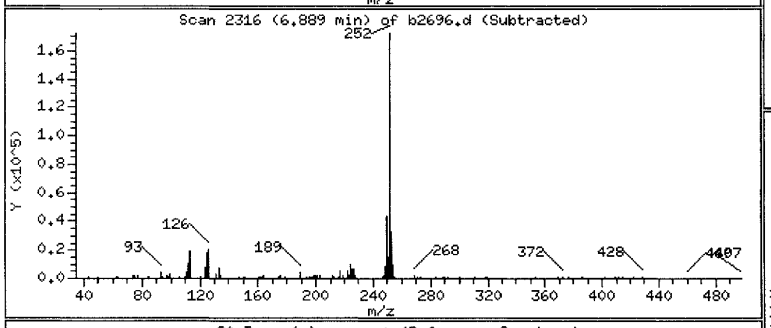
Column phase: RTX-5MS-30M

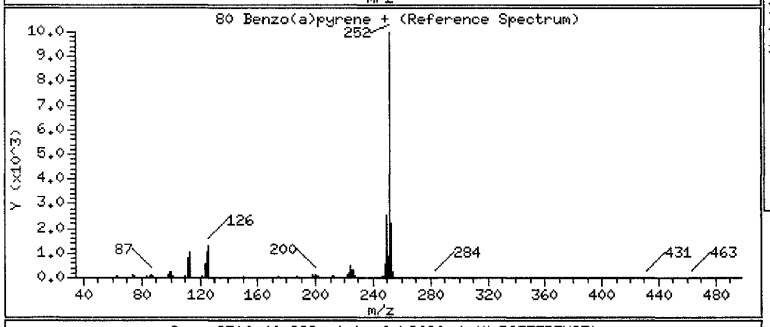
Column diameter: 0.25

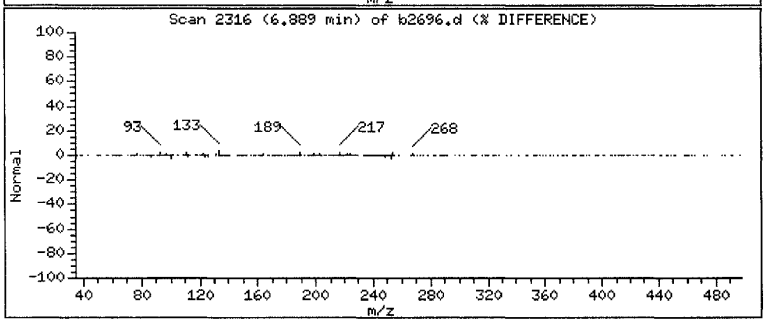
80 Benzo(a)pyrene +

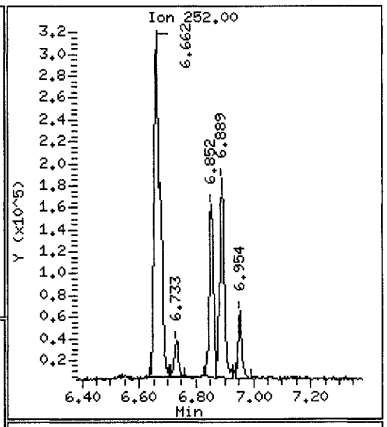
Concentration: 327 ug/Kg

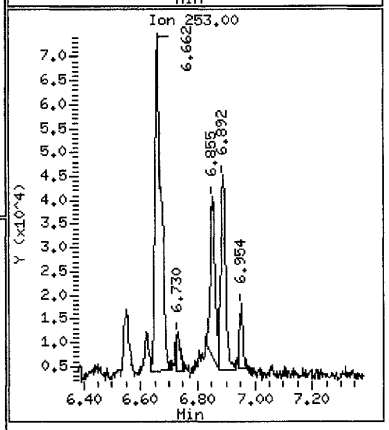












Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

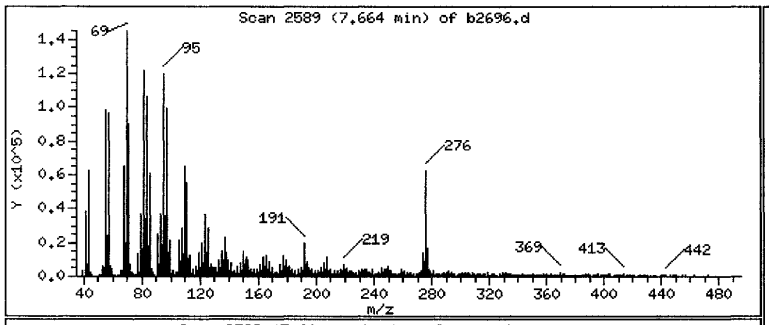
Operator: rrr

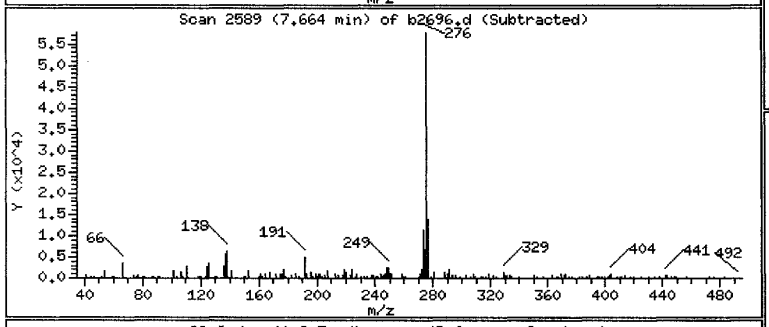
Column phase: RTX-5MS-30M

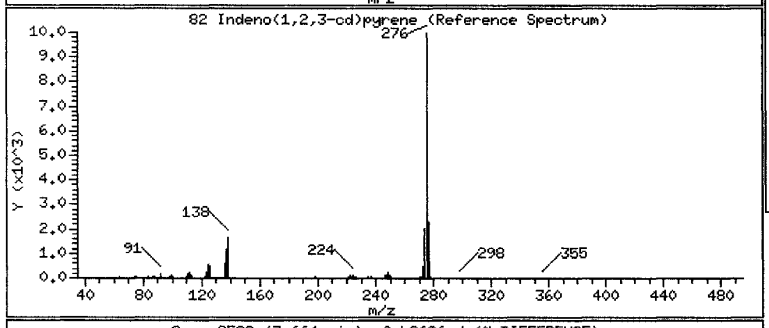
Column diameter: 0.25

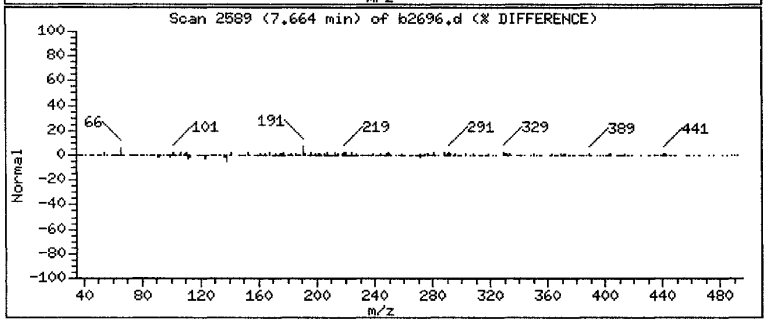
82 Indeno(1,2,3-cd)pyrene

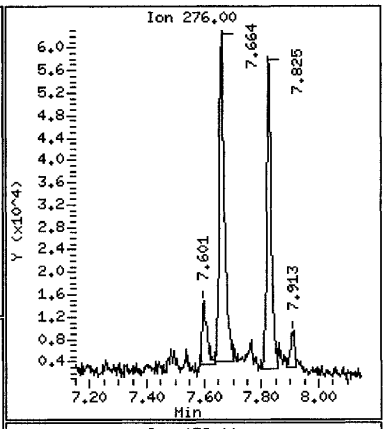
Concentration: 130 ug/Kg

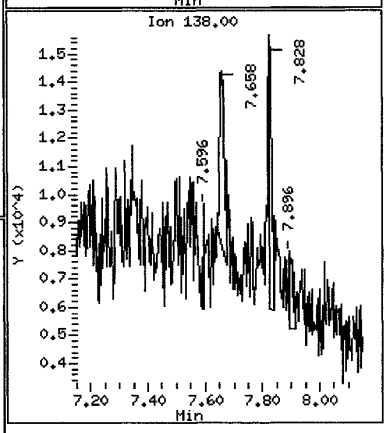












188922

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

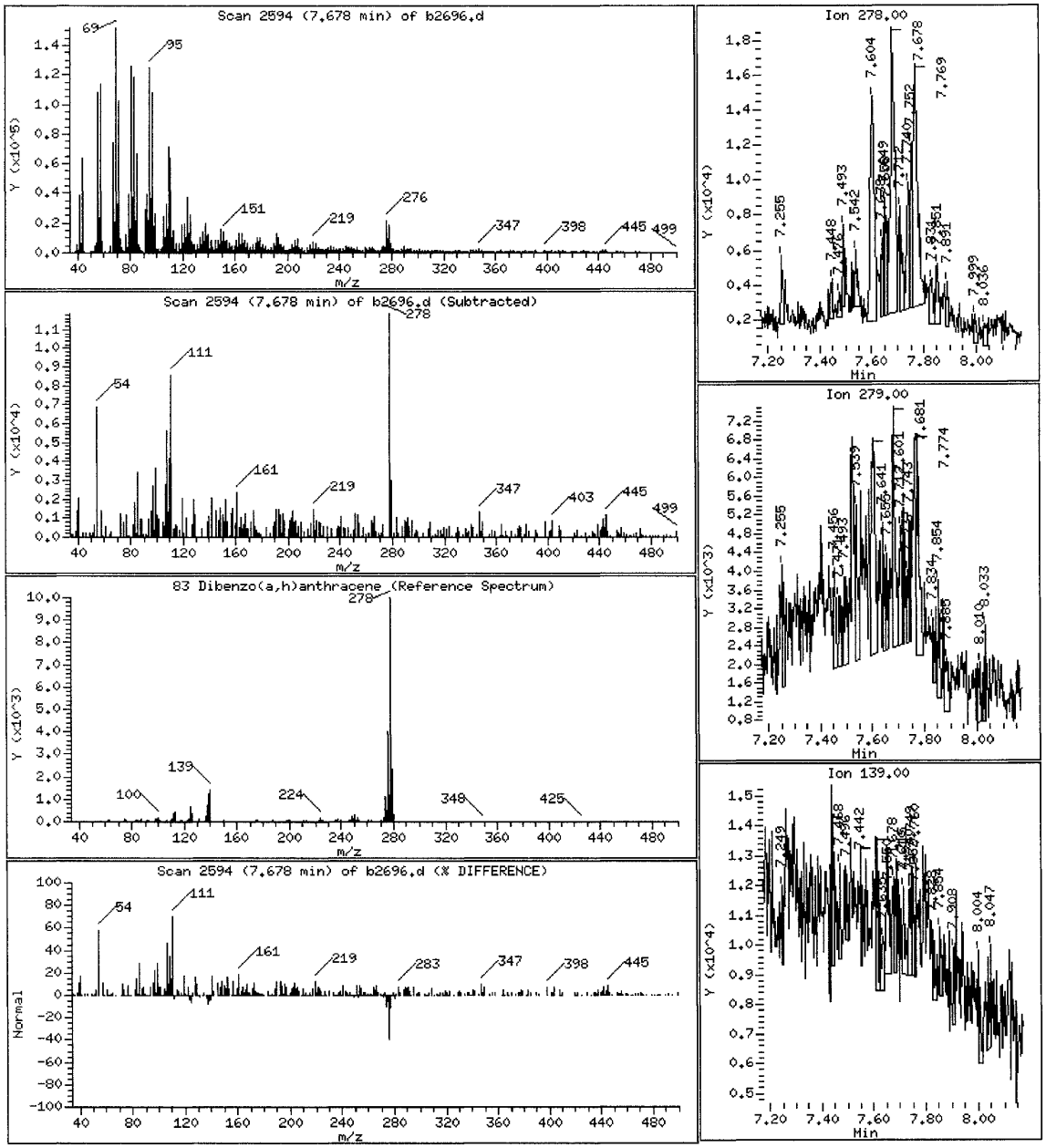
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

83 Dibenzo(a,h)anthracene

Concentration: 132 ug/Kg



188923

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

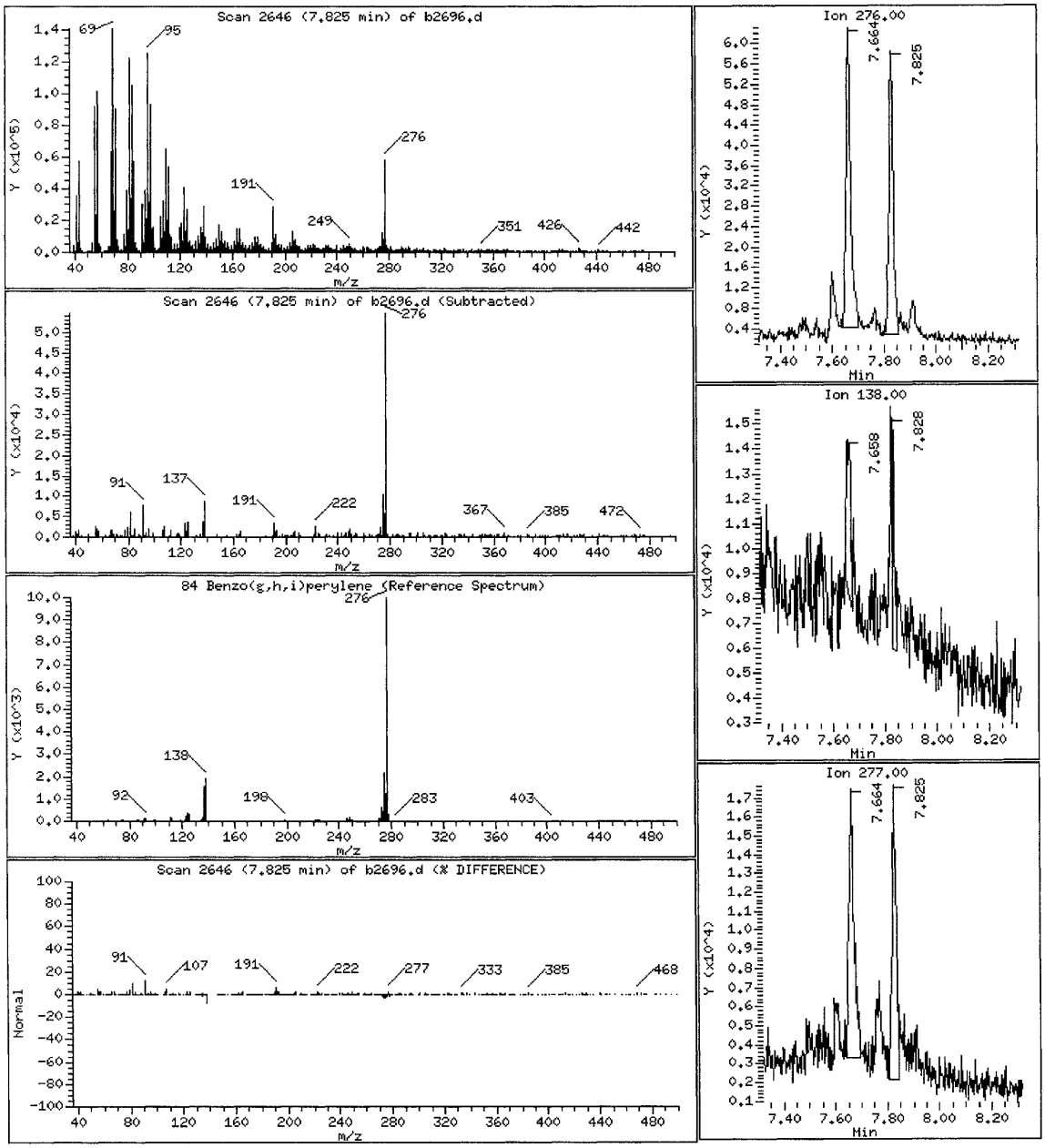
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

84 Benzo(g,h,i)perylene

Concentration: 78.2 ug/Kg



188924

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

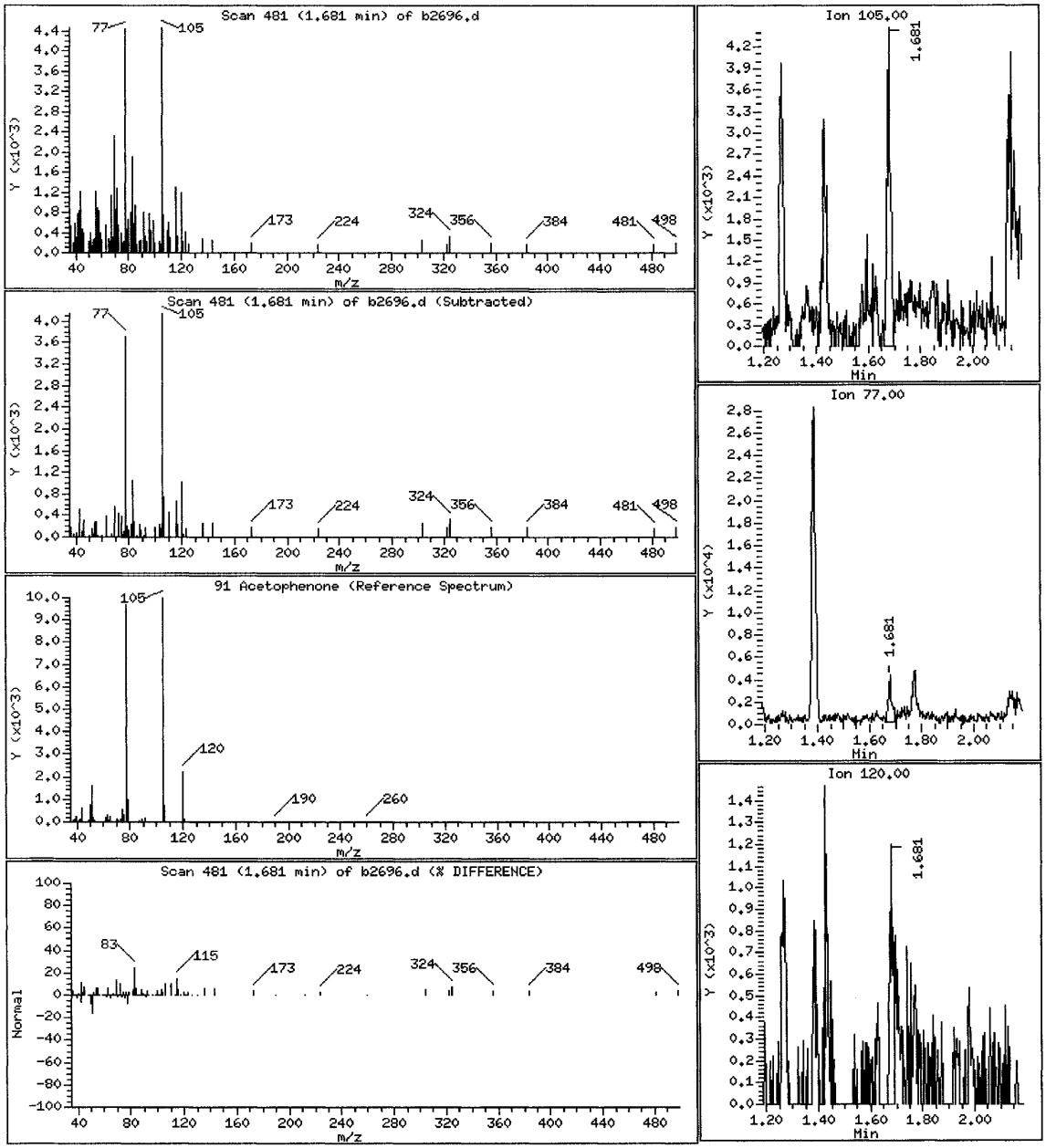
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

91 Acetophenone

Concentration: 7.93 ug/Kg



188925

Data File: /var/chem/MSSV3.i/2060722.s.b/b2696.d

Date : 23-JUL-2006 00:45

Client ID: 20607200613

Instrument: MSSV3.i

Sample Info: 20607200613*4482*

Volume Injected (uL): 1.0

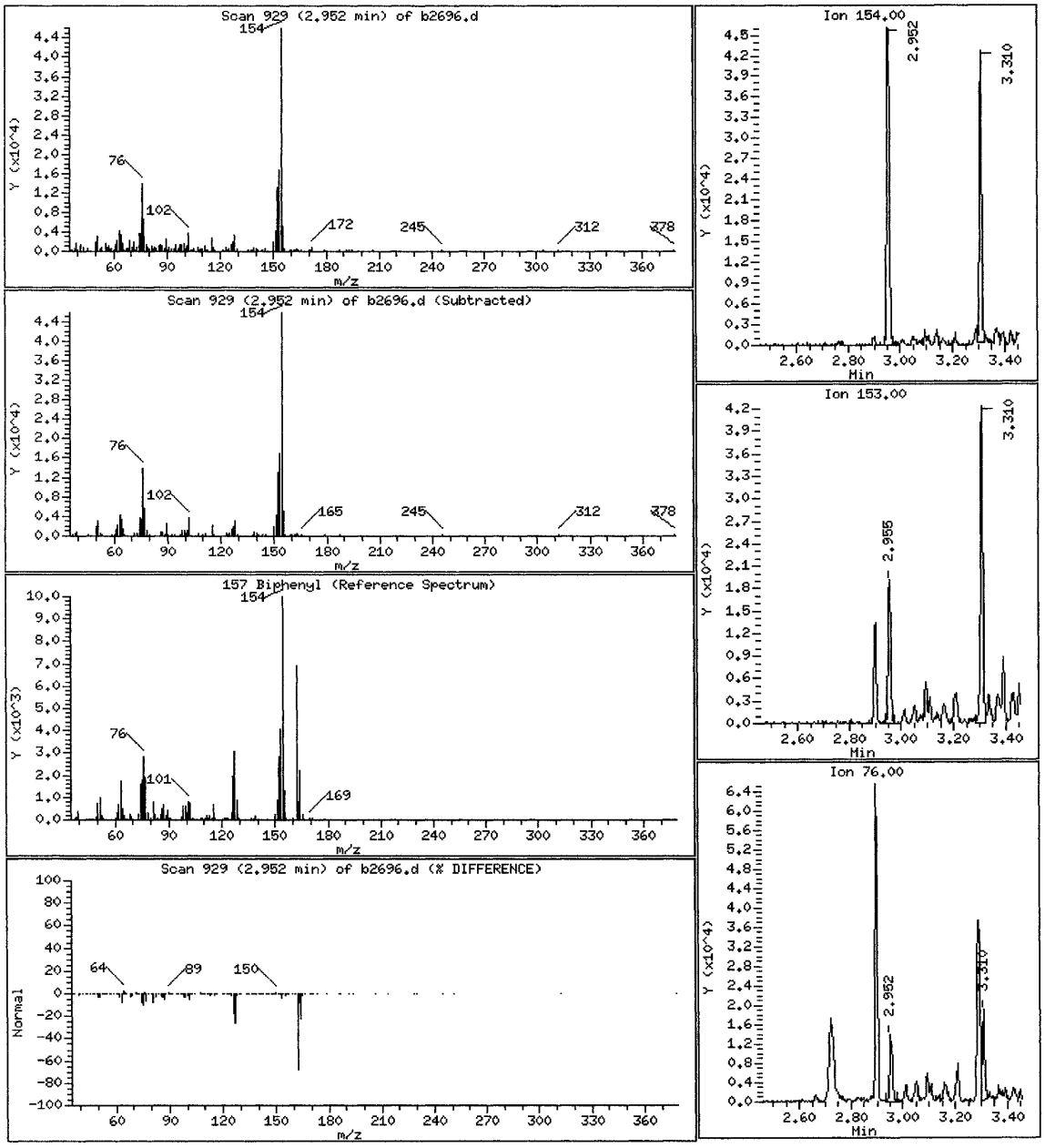
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

157 Biphenyl

Concentration: 73.3 ug/Kg

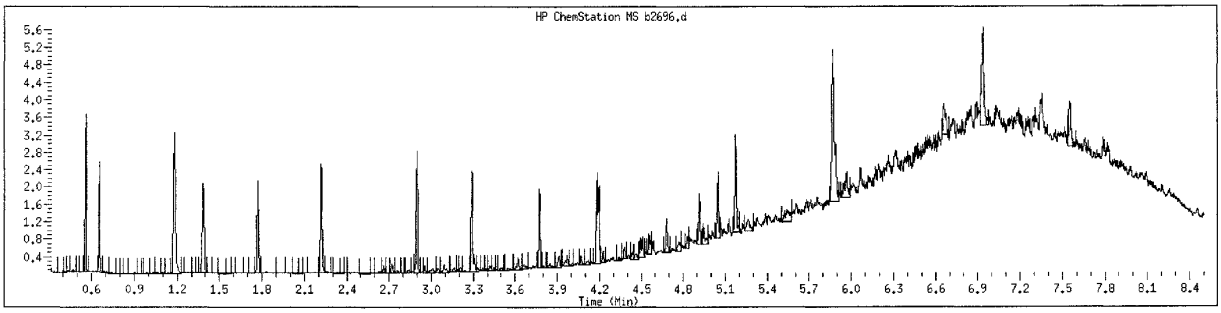


188926

Data file : /var/chem/MSSV3.i/2060722.s.b/b2696.d Page: 1
Report Date: 07/23/2006 11:10

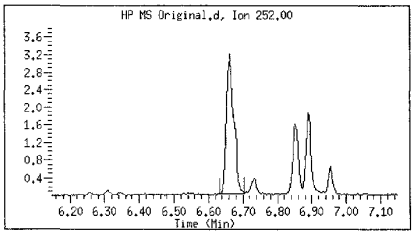
MANUAL INTEGRATION GRAPHIC REPORT

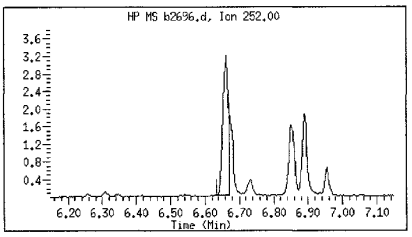
Lab ID : 20607200613 SampleType : SAMPLE
Injection Date: 23-JUL-2006 00:45 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200613*4482*
Misc Info : 20607200613*MSSV~3839~*072006*30.0-1*328412*
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



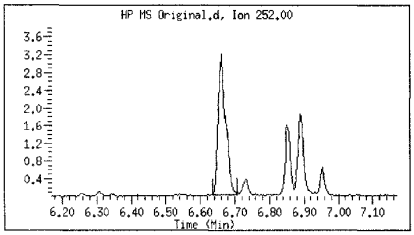
Original Final

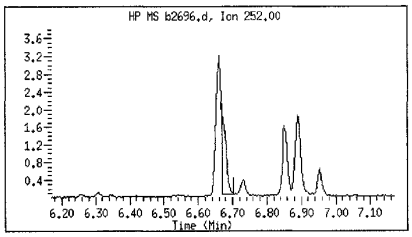
78 Benzo(b)fluoranthene CAS#: 205-99-2





79 Benzo(k)fluoranthene CAS#: 207-08-9





1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.1 Units: g

Level: (low/med) LOW

% Moisture: 18.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SE3SB39-077-(0-0.5)

Contract:

Lab File ID: 2060722/B2697

Lab Sample ID: 20607200614

Date Collected: 07/18/06 Time: 1650

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0100

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	402	U	8.73	402
95-95-4	2,4,5-Trichlorophenol	402	U	8.18	402
88-06-2	2,4,6-Trichlorophenol	402	U	18.1	402
120-83-2	2,4-Dichlorophenol	402	U	10.5	402
51-28-5	2,4-Dinitrophenol	2040	U	68.9	2040
121-14-2	2,4-Dinitrotoluene	402	U	18.1	402
606-20-2	2,6-Dinitrotoluene	402	U	9.75	402
91-58-7	2-Chloronaphthalene	402	U	10.9	402
95-57-8	2-Chlorophenol	402	U	6.43	402
91-57-6	2-Methylnaphthalene	32.3	J	11.4	80.4
88-74-4	2-Nitroaniline	2040	U	26.4	2040
88-75-5	2-Nitrophenol	402	U	16.0	402
91-94-1	3,3'-Dichlorobenzidine	804	U	50.5	804
99-09-2	3-Nitroaniline	2040	U	11.1	2040
534-52-1	2-Methyl-4,6-dinitrophenol	2040	U	21.1	2040
59-50-7	4-Chloro-3-methylphenol	402	U	16.1	402
106-47-8	4-Chloroaniline	402	U	35.5	402
7005-72-3	4-Chlorophenyl-phenylether	402	U	10.7	402
83-32-9	Acenaphthene	58.3	J	10.5	80.4
208-96-8	Acenaphthylene	72.0	J	11.9	80.4
98-86-2	Acetophenone	402	U	8.65	402
62-53-3	Aniline	402	U	7.80	402
120-12-7	Anthracene	144		11.5	80.4
1912-24-9	Atrazine (Aatrex)	804	U	20.6	804
100-52-7	Benzaldehyde	804	U	30.8	804
92-87-5	Benzidine	1610	U	54.3	1610
56-55-3	Benzo(a)anthracene	1460		10.7	80.4
50-32-8	Benzo(a)pyrene	655		10.7	80.4
205-99-2	Benzo(b)fluoranthene	402	U	7.46	402

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.1 Units: g

Level: (low/med) LOW

% Moisture: 18.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SE3SB39-077-(0-0.5)

Contract:

Lab File ID: 2060722/B2697

Lab Sample ID: 20607200614

Date Collected: 07/18/06 Time: 1650

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0100

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	213	J	10.7	402
207-08-9	Benzo(k)fluoranthene	1430		16.5	402
65-85-0	Benzoic acid	2040	U	188	2040
100-51-6	Benzyl alcohol	402	U	11.9	402
92-52-4	Biphenyl	402	U	11.8	402
111-91-1	Bis(2-Chloroethoxy)methane	402	U	13.9	402
111-44-4	Bis(2-Chloroethyl)ether	402	U	12.5	402
108-60-1	bis(2-Chloroisopropyl)ether	402	U	15.6	402
117-81-7	bis(2-ethylhexyl)phthalate	2150	B	10.8	80.4
101-55-3	4-Bromophenyl-phenylether	402	U	9.82	402
85-68-7	Butylbenzylphthalate	402	U	13.2	402
105-60-2	Caprolactam	402	U	83.3	402
86-74-8	Carbazole	85.5	J	10.4	402
218-01-9	Chrysene	1580		9.41	402
84-74-2	Di-n-butylphthalate	52.2	J	30.1	402
117-84-0	Di-n-octylphthalate	402	U	8.76	402
53-70-3	Dibenz(a,h)anthracene	80.4	U	10.2	80.4
132-64-9	Dibenzofuran	28.4	J	14.9	402
84-66-2	Diethylphthalate	402	U	17.9	402
131-11-3	Dimethyl-phthalate	402	U	13.3	402
105-67-9	2,4-Dimethylphenol	402	U	27.3	402
206-44-0	Fluoranthene	1600		11.8	402
86-73-7	Fluorene	61.0	J	10.3	80.4
118-74-1	Hexachlorobenzene	402	U	13.0	402
77-47-4	Hexachlorocyclopentadiene	402	U	8.73	402
67-72-1	Hexachloroethane	402	U	16.9	402
193-39-5	Indeno(1,2,3-cd)pyrene	402	U	17.1	402
78-59-1	Isophorone	402	U	10.2	402
100-01-6	4-Nitroaniline	2040	U	29.1	2040

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.1 Units: g

Level: (low/med) LOW

% Moisture: 18.2 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SE3SB39-077-(0-0.5)

Contract:

Lab File ID: 2060722/B2697

Lab Sample ID: 20607200614

Date Collected: 07/18/06 Time: 1650

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0100

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	402	U	15.1	402
100-02-7	4-Nitrophenol	2040	U	52.9	2040
87-86-5	Pentachlorophenol	2040	U	105	2040
85-01-8	Phenanthrene	642		13.1	80.4
108-95-2	Phenol	402	U	13.1	402
129-00-0	Pyrene	1220		12.6	402
110-86-1	Pyridine	402	U	24.2	402
1319-77-3M	m,p-Cresol	739		14.9	402
621-64-7	N-Nitroso-di-n-propylamine	80.4	U	10.9	80.4
62-75-9	N-Nitrosodimethylamine	402	U	52.5	402
86-30-6	N-Nitrosodiphenylamine	402	U	12.0	402
95-48-7	o-Cresol	402	U	16.4	402

FORM I SV-1

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2697.d
Lab Smp Id: 20607200614 Client Smp ID: 20607200614
Inj Date : 23-JUL-2006 01:00
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200614*4482*
Misc Info : 20607200614*MSSV~3839~*072006*30.1-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 45
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.10000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.653	0.648	(0.471)	270680	94.9116	3150
$ 4 Phenol-d5	99	1.181	1.181	(0.853)	1077374	75.1147	2500
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	192483	40.0000	
17 3- & 4-Methylphenol	108	1.735	1.732	(1.252)	190187	18.1660	604
$ 19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	637953	41.7525	1390
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	622445	40.0000	
29 Naphthalene	128	2.234	2.237	(1.006)	10403	0.57867	19.2
33 2-Methylnaphthalene	142	2.663	2.666	(1.199)	9244	0.79525	26.4
145 1-Methylnapthalene	142	2.722	2.722	(1.226)	8049	0.84251	28.0
$ 37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	428195	41.4290	1380
42 Acenaphthylene	152	3.208	3.205	(0.975)	26210	1.77266	58.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
*	44 Acenaphthene-d10	164	3.290	3.293	(1.000)	301556	40.0000	
	45 Acenaphthene +	153	3.310	3.313	(1.006)	13433	1.43522	47.7
	47 Dibenzofuran	168	3.418	3.418	(1.039)	9544	0.69701	23.2
	51 Fluorene	166	3.625	3.622	(1.102)	16387	1.50343	49.9
$	57 2,4,6-Tribromophenol	332	3.775	3.775	(1.148)	96122	63.5854	2110
*	61 Phenanthrene-d10	188	4.184	4.184	(1.000)	428223	40.0000	
	62 Phenanthrene	178	4.198	4.198	(1.003)	215584	15.8144	525
	63 Anthracene	178	4.227	4.230	(1.010)	47678	3.54061	118
	64 Carbazole	167	4.343	4.343	(1.038)	22324	2.10363	69.9
	65 Di-n-butylphthalate	149	4.587	4.584	(1.096)	15848	1.28598	42.7
	67 Fluoranthene +	202	4.919	4.914	(1.176)	514849	39.4553	1310
	69 Pyrene	202	5.053	5.047	(0.862)	515527	30.0868	1000
$	70 Terphenyl-d14	244	5.180	5.172	(0.884)	572649	48.3496	1610
	72 Benzo(a)anthracene	228	5.893	5.859	(1.005)	597180	35.9295	1190
*	74 Chrysene-d12	240	5.861	5.867	(1.000)	510570	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.995	5.961	(1.023)	475379	52.9100	1760
	75 Chrysene	228	5.918	5.887	(1.010)	678147	38.8964	1290(H)
	79 Benzo(k)fluoranthene	252	6.741	6.670	(0.960)	1047764	35.2842	1170
	80 Benzo(a)pyrene +	252	6.971	6.880	(0.993)	332694	16.1391	536
*	81 Perylene-d12	264	7.019	6.920	(1.000)	782904	40.0000	
	84 Benzo(g,h,i)perylene	276	7.899	7.817	(1.125)	131439	5.25102	174
M	66 Total Methylphenol	108				190187	17.6222	585

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Page 1

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

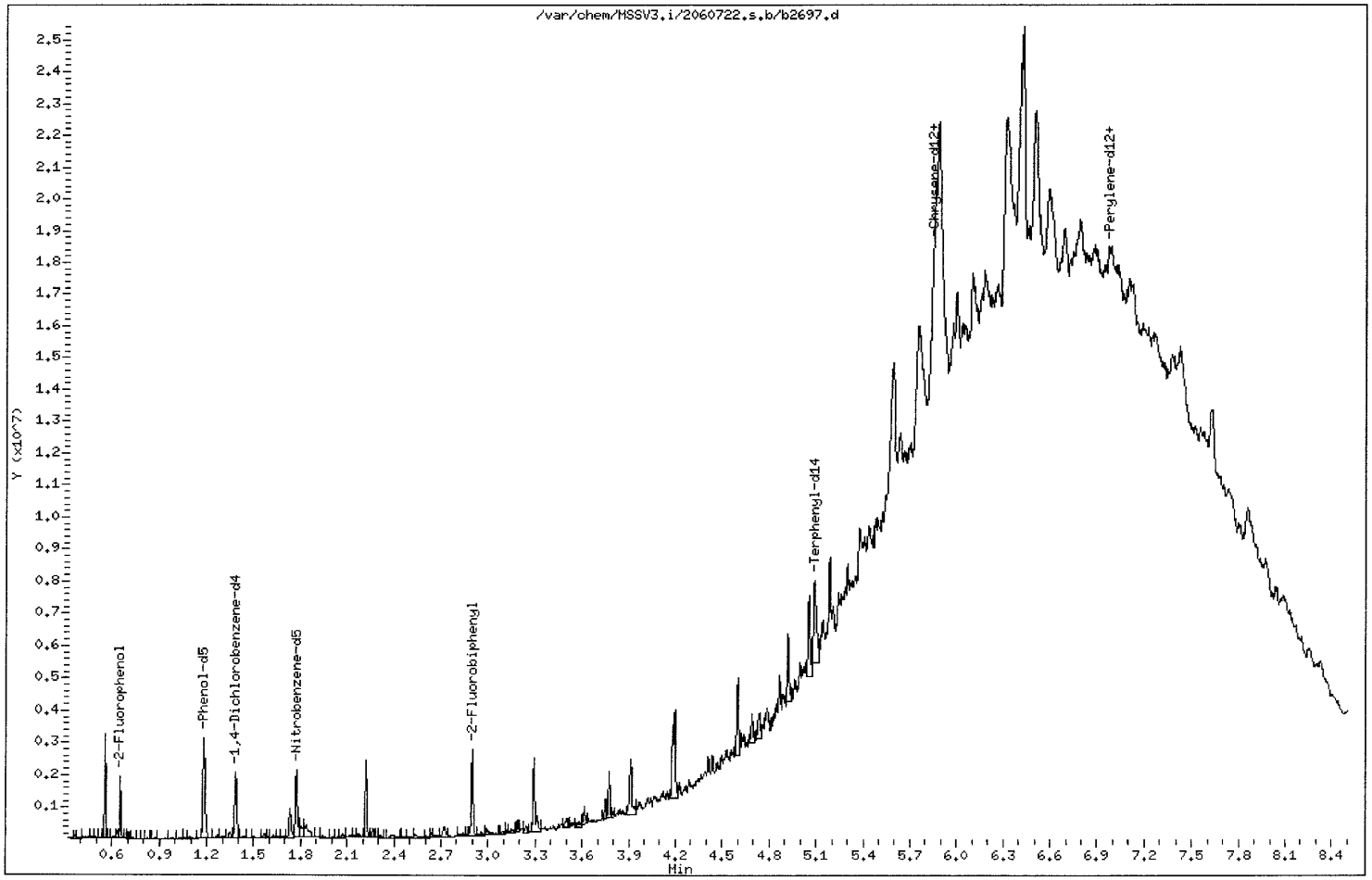
Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25



000961

188933

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

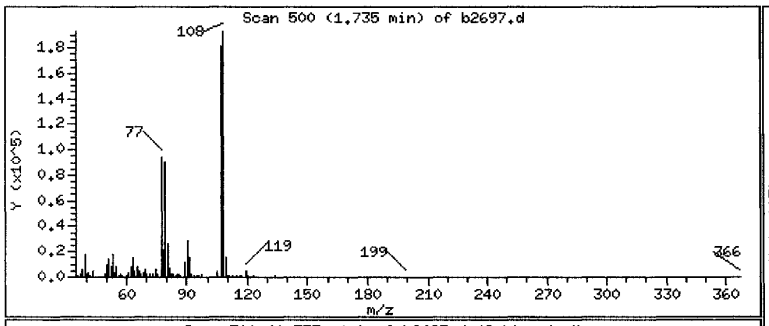
Operator: rrr

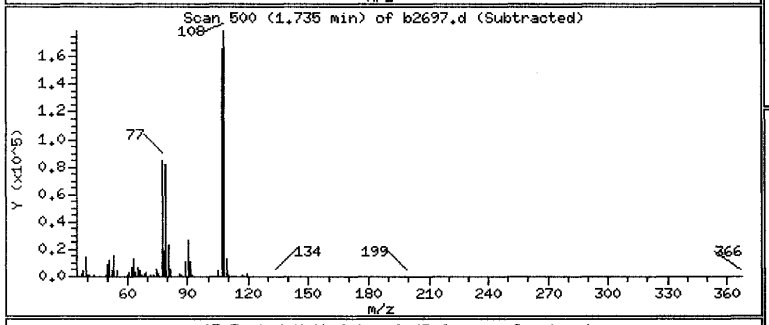
Column phase: RTX-5MS-30M

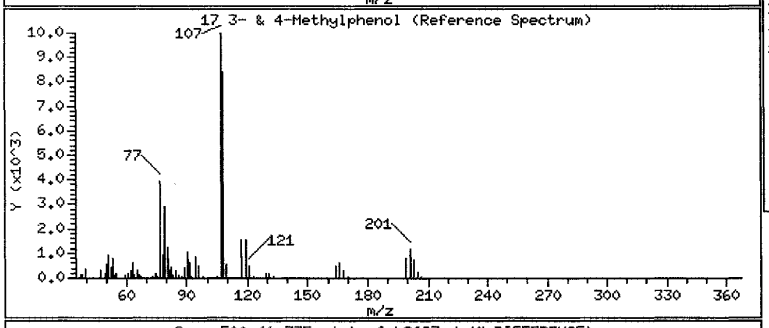
Column diameter: 0.25

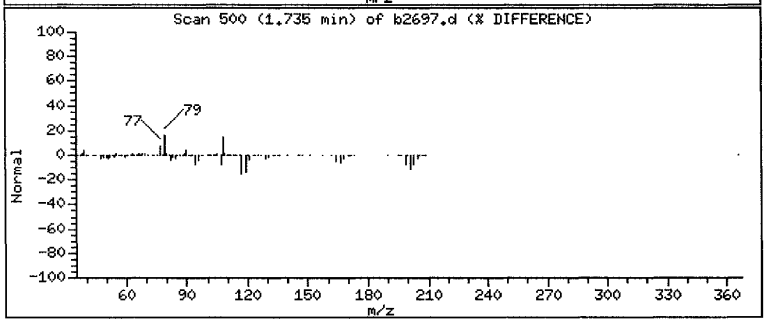
17 3- & 4-Methylphenol

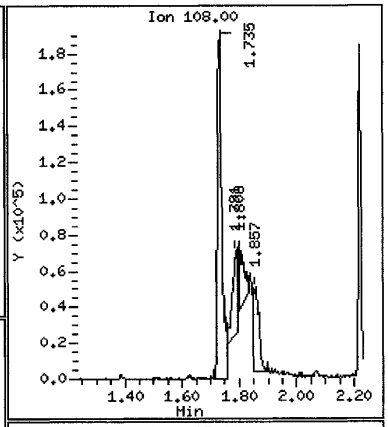
Concentration: 604 ug/Kg

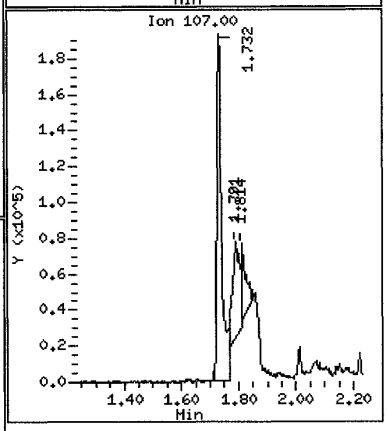












000962

188934

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

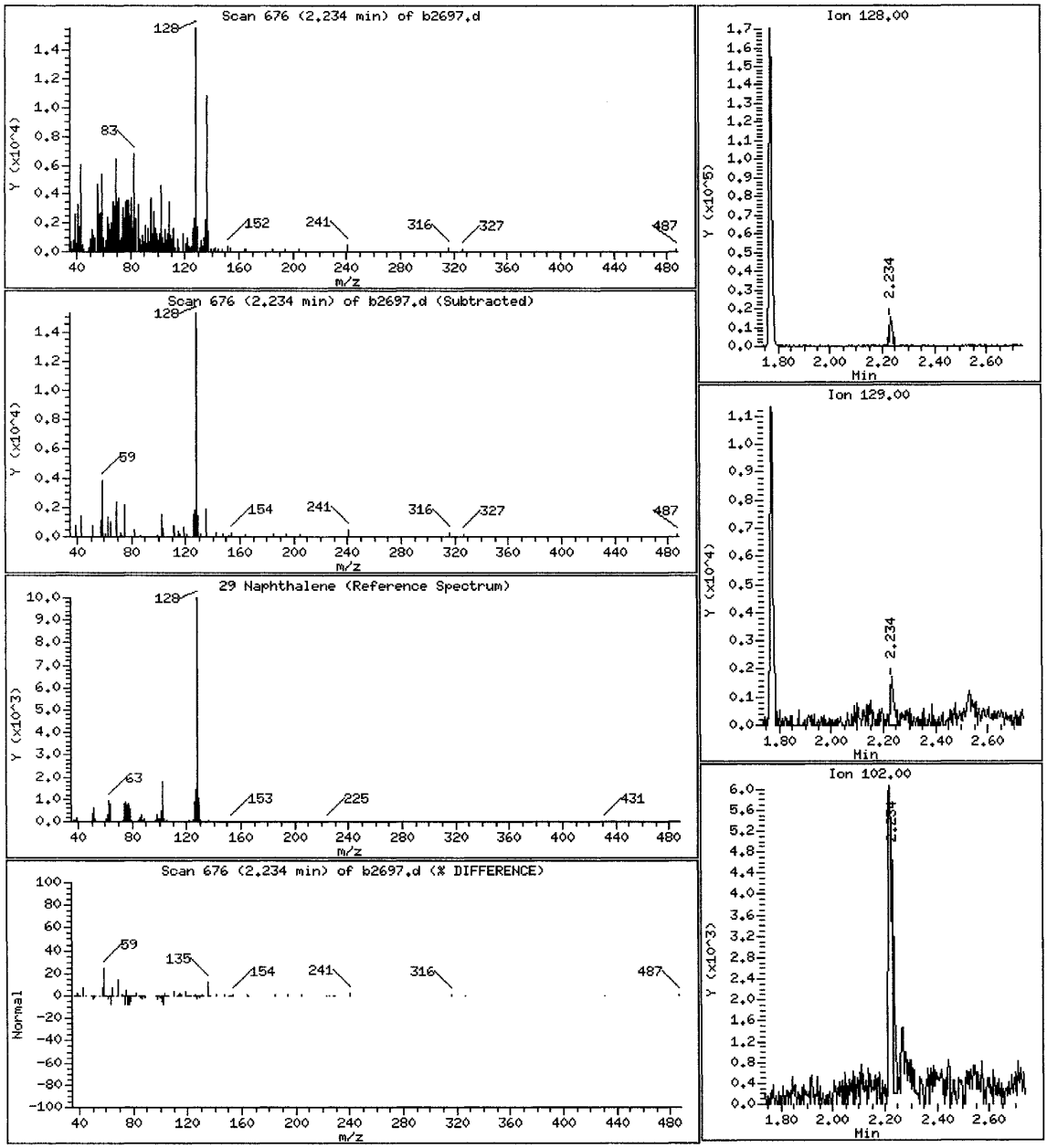
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

29 Naphthalene

Concentration: 19.2 ug/Kg



188935

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

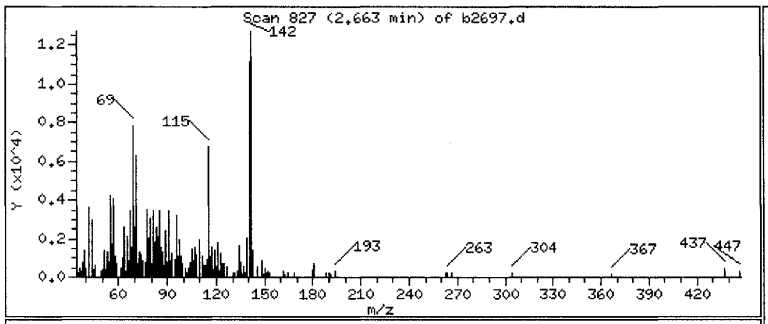
Operator: rrr

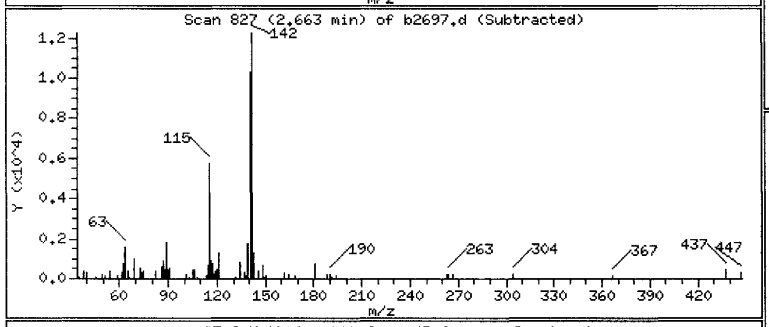
Column phase: RTX-5MS-30M

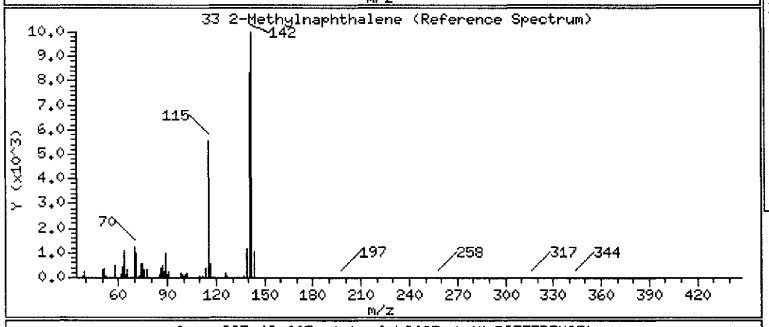
Column diameter: 0.25

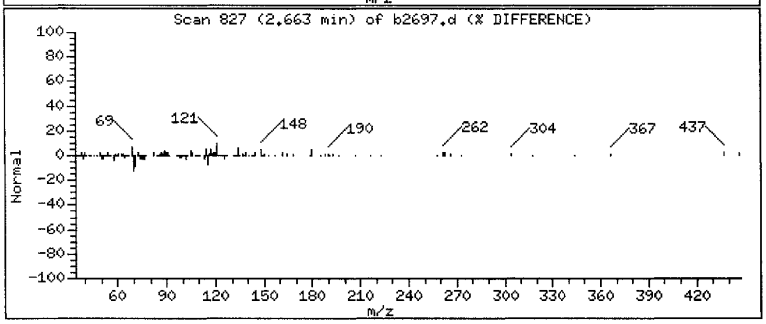
33 2-Methylnaphthalene

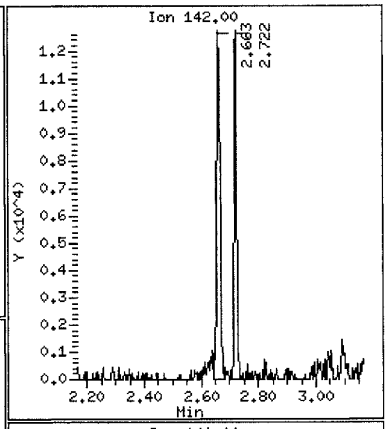
Concentration: 26.4 ug/Kg

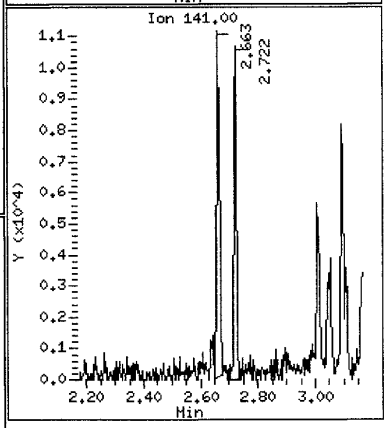












Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

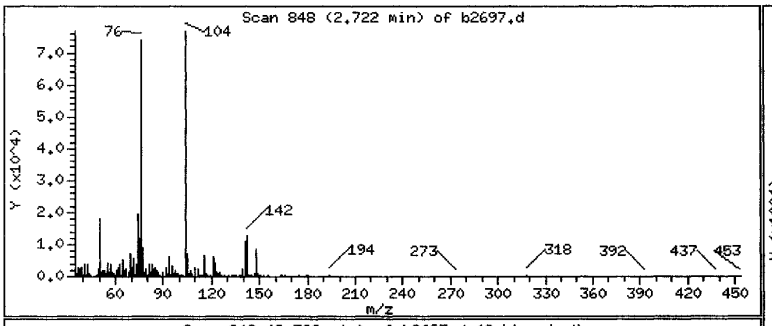
Operator: rrr

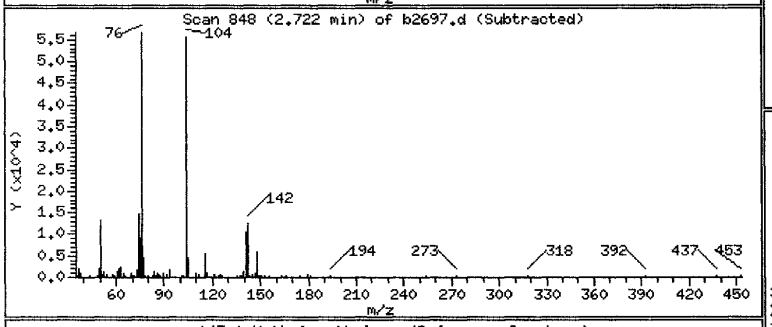
Column phase: RTX-5MS-30M

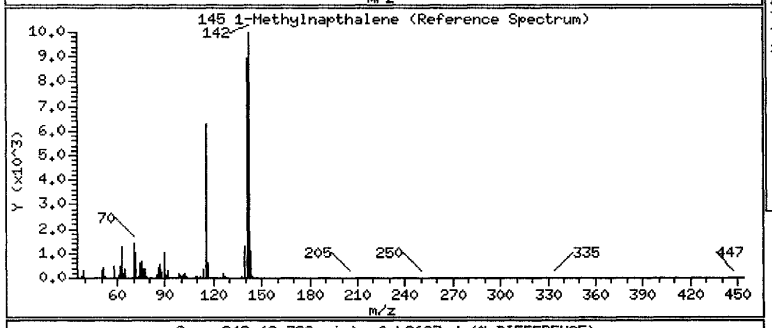
Column diameter: 0.25

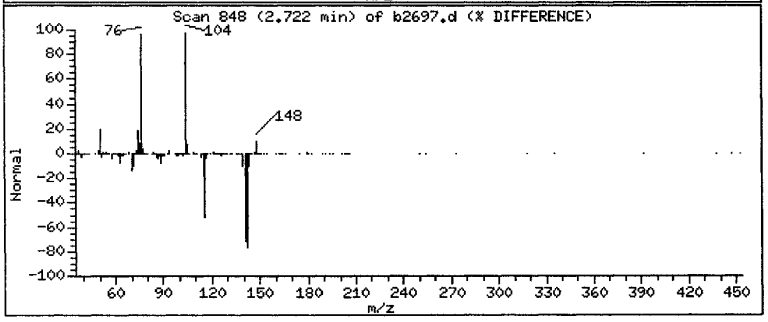
145 1-Methylnapthalene

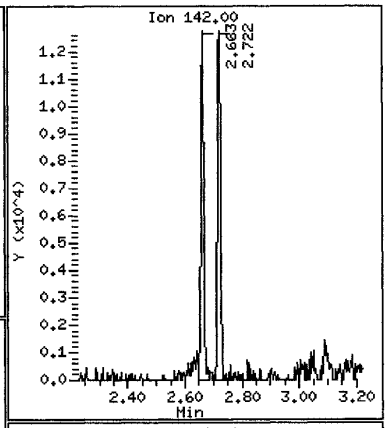
Concentration: 28.0 ug/Kg

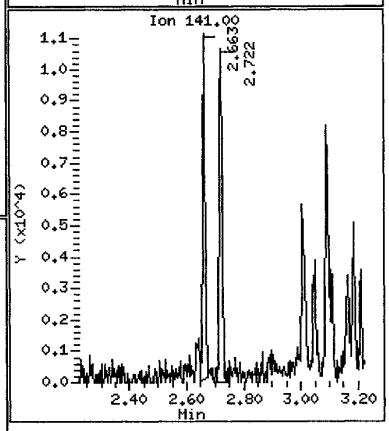












000965

188937

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

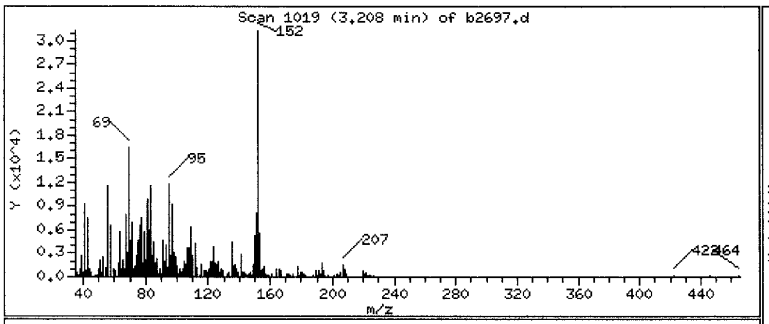
Operator: rrr

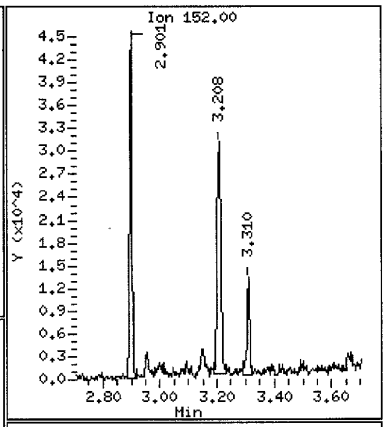
Column phase: RTX-5MS-30M

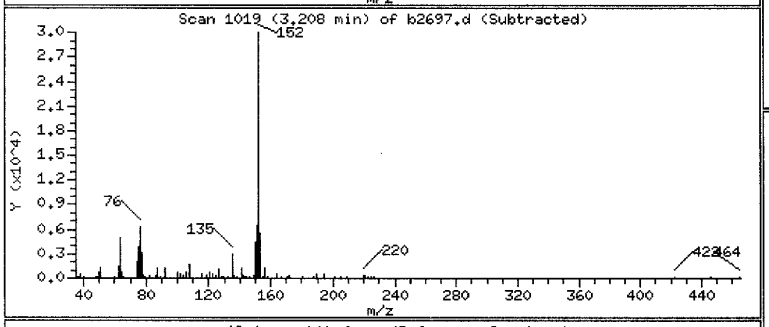
Column diameter: 0.25

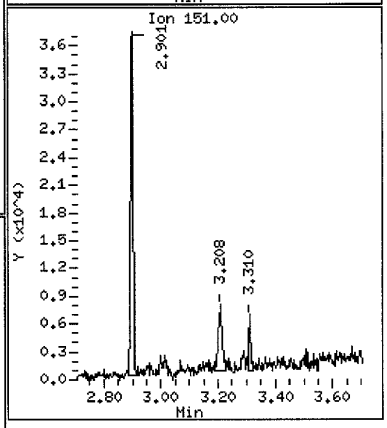
42 Acenaphthylene

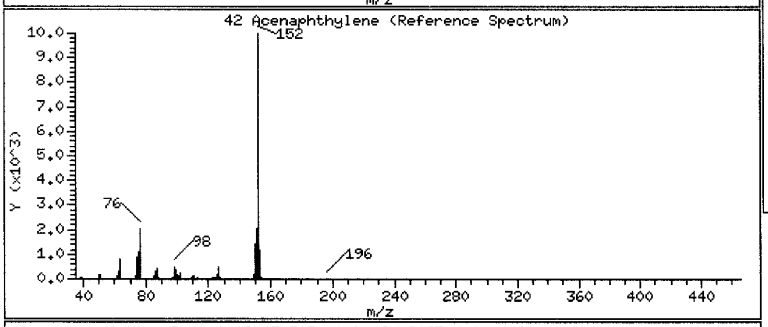
Concentration: 58.9 ug/Kg

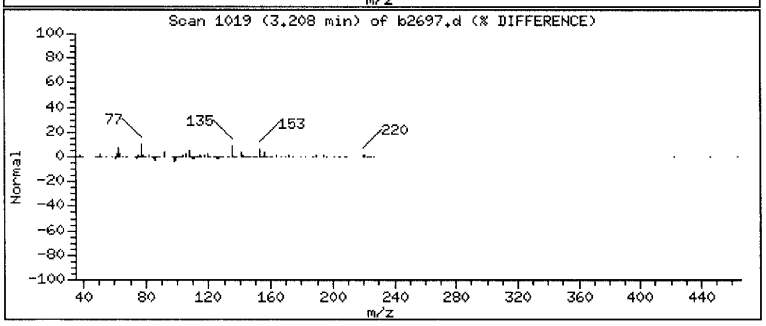












188938

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

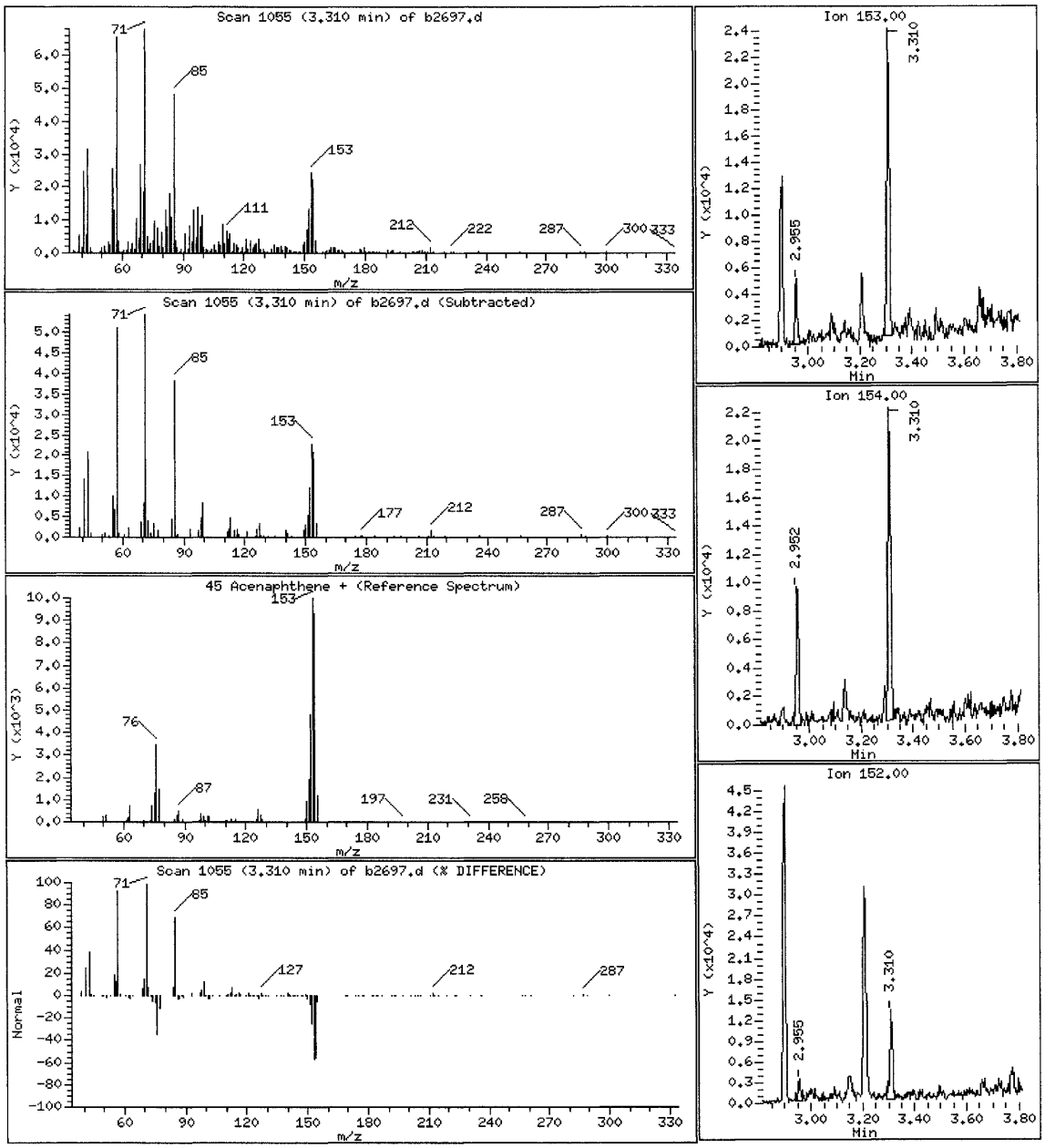
Client ID: 20607200614 Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0 Operator: rrr

Column phase: RTX-5MS-30M Column diameter: 0.25

45 Acenaphthene + Concentration: 47.7 ug/Kg



188939

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

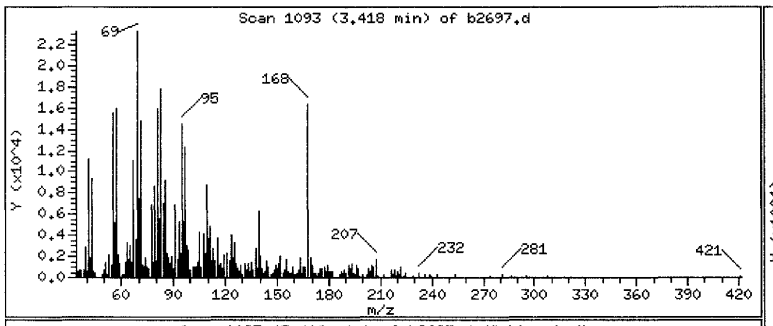
Operator: rrr

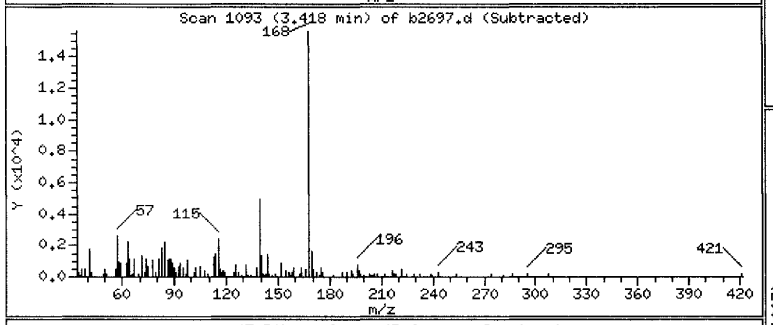
Column phase: RTX-5MS-30M

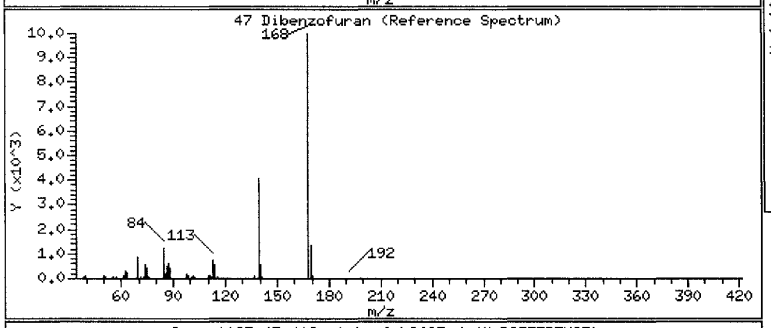
Column diameter: 0.25

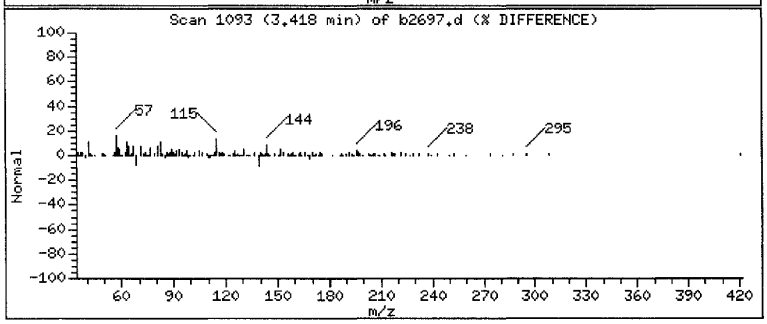
47 Dibenzofuran

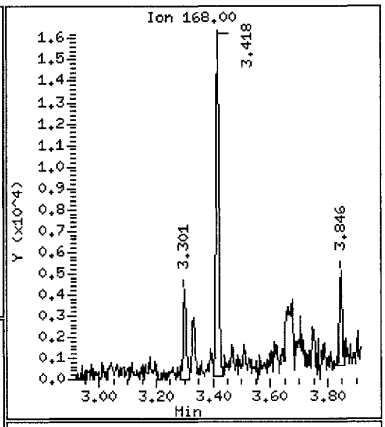
Concentration: 23.2 ug/Kg

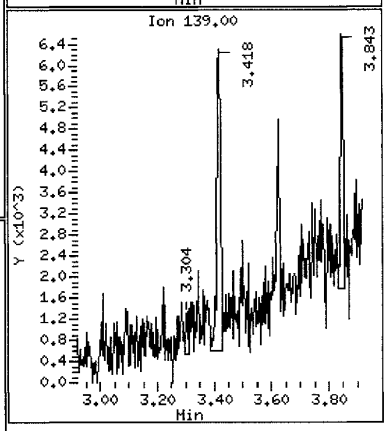












Data File: /var/chem/MSSV3.i/20060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

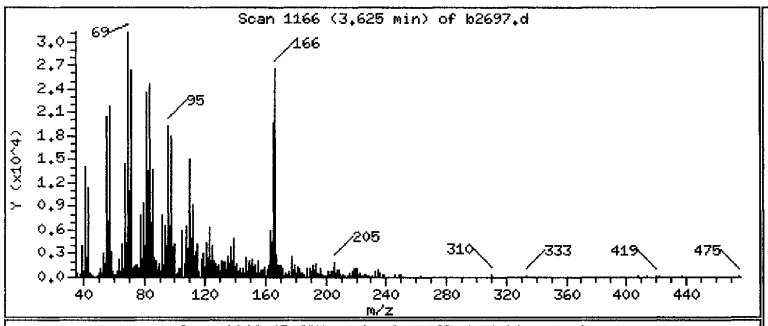
Operator: rrr

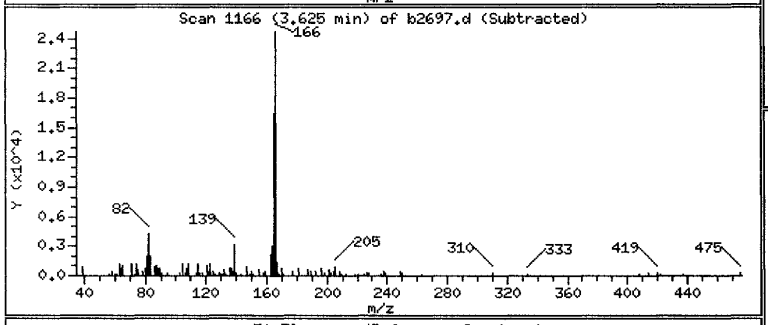
Column phase: RTX-5MS-30M

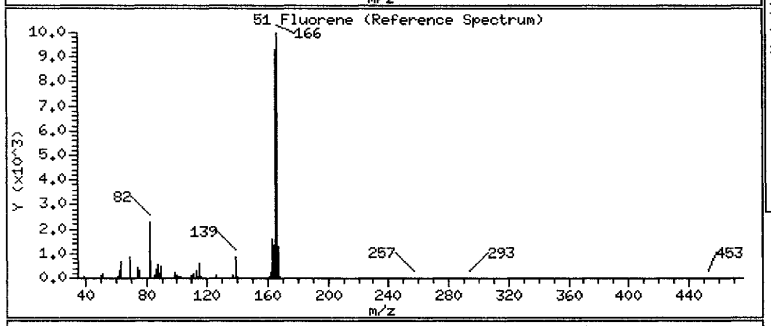
Column diameter: 0.25

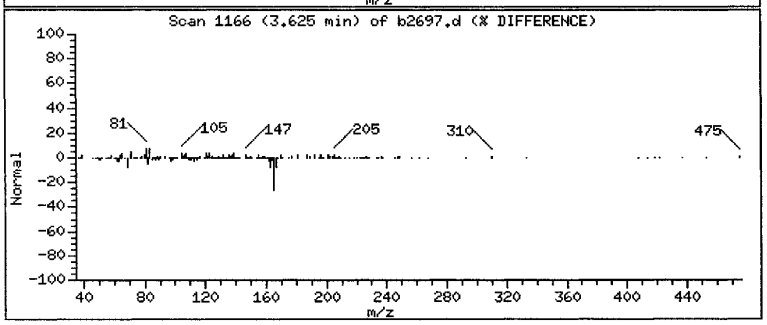
51 Fluorene

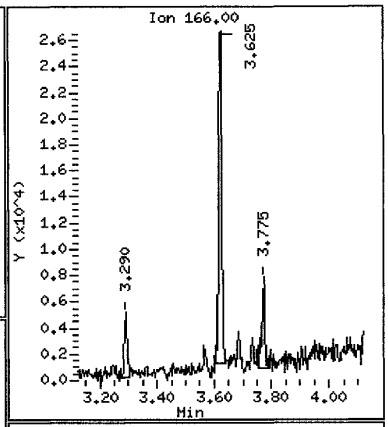
Concentration: 49.9 ug/Kg

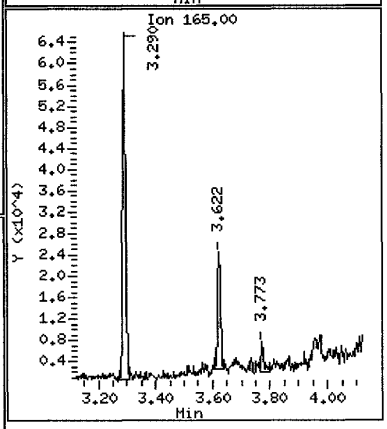












Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

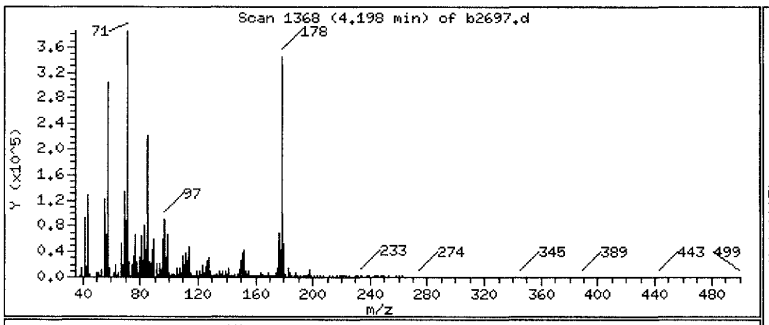
Operator: rrr

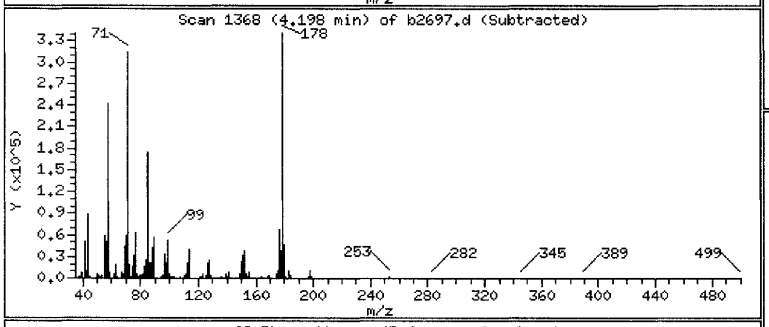
Column phase: RTX-5MS-30M

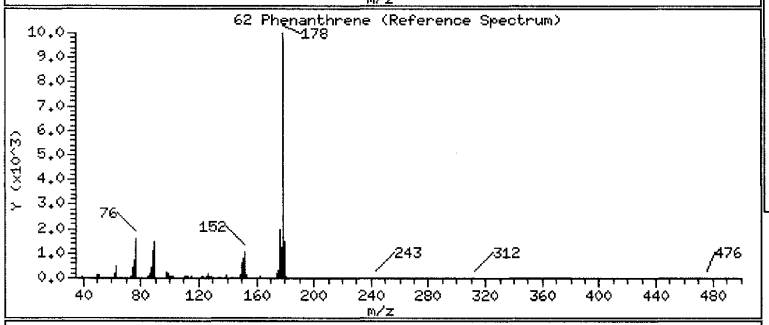
Column diameter: 0.25

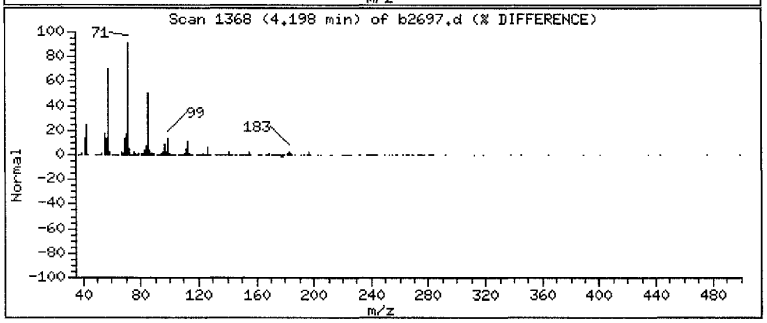
62 Phenanthrene

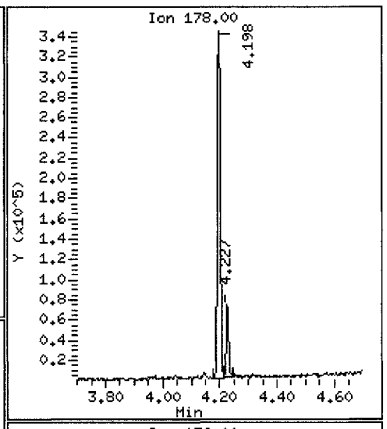
Concentration: 525 ug/Kg

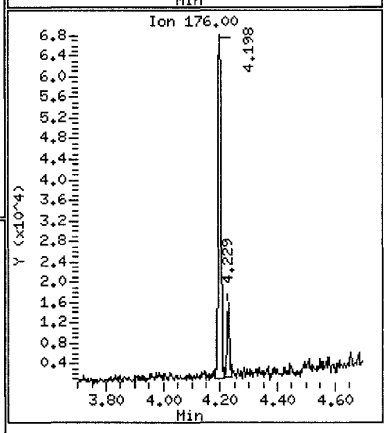












Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

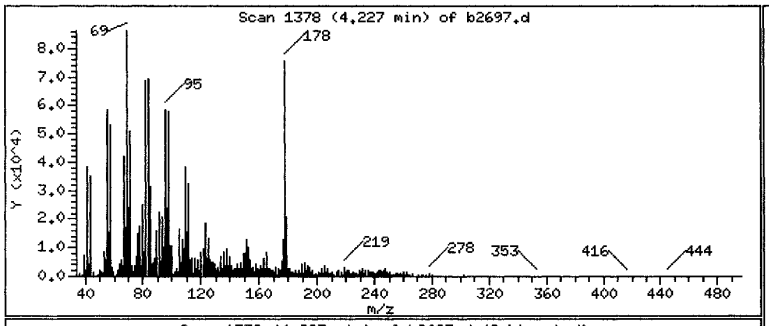
Operator: rrr

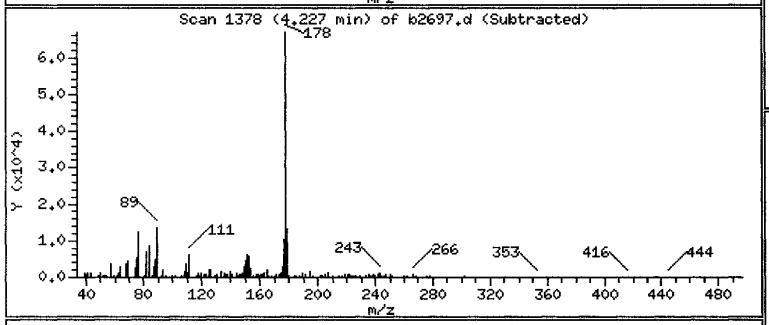
Column phase: RTX-5MS-30M

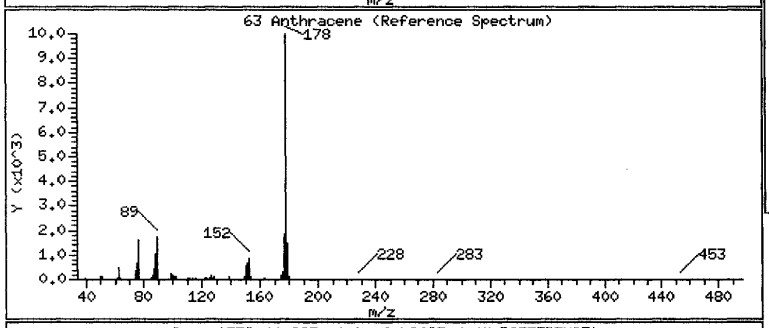
Column diameter: 0.25

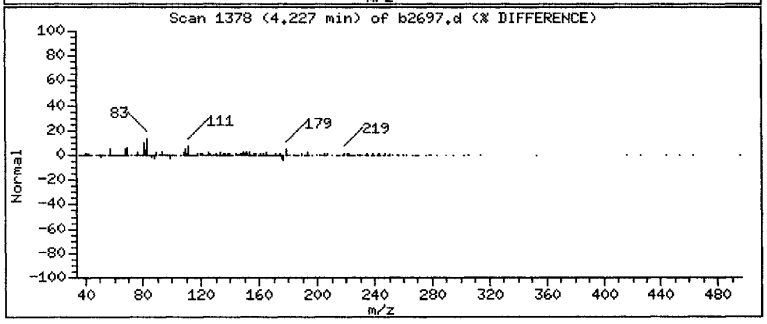
63 Anthracene

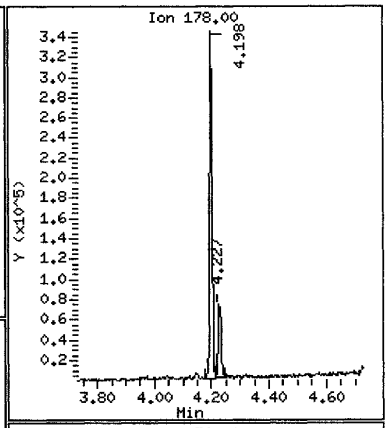
Concentration: 118 ug/Kg

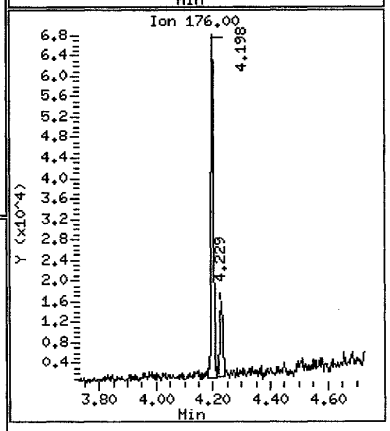












Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

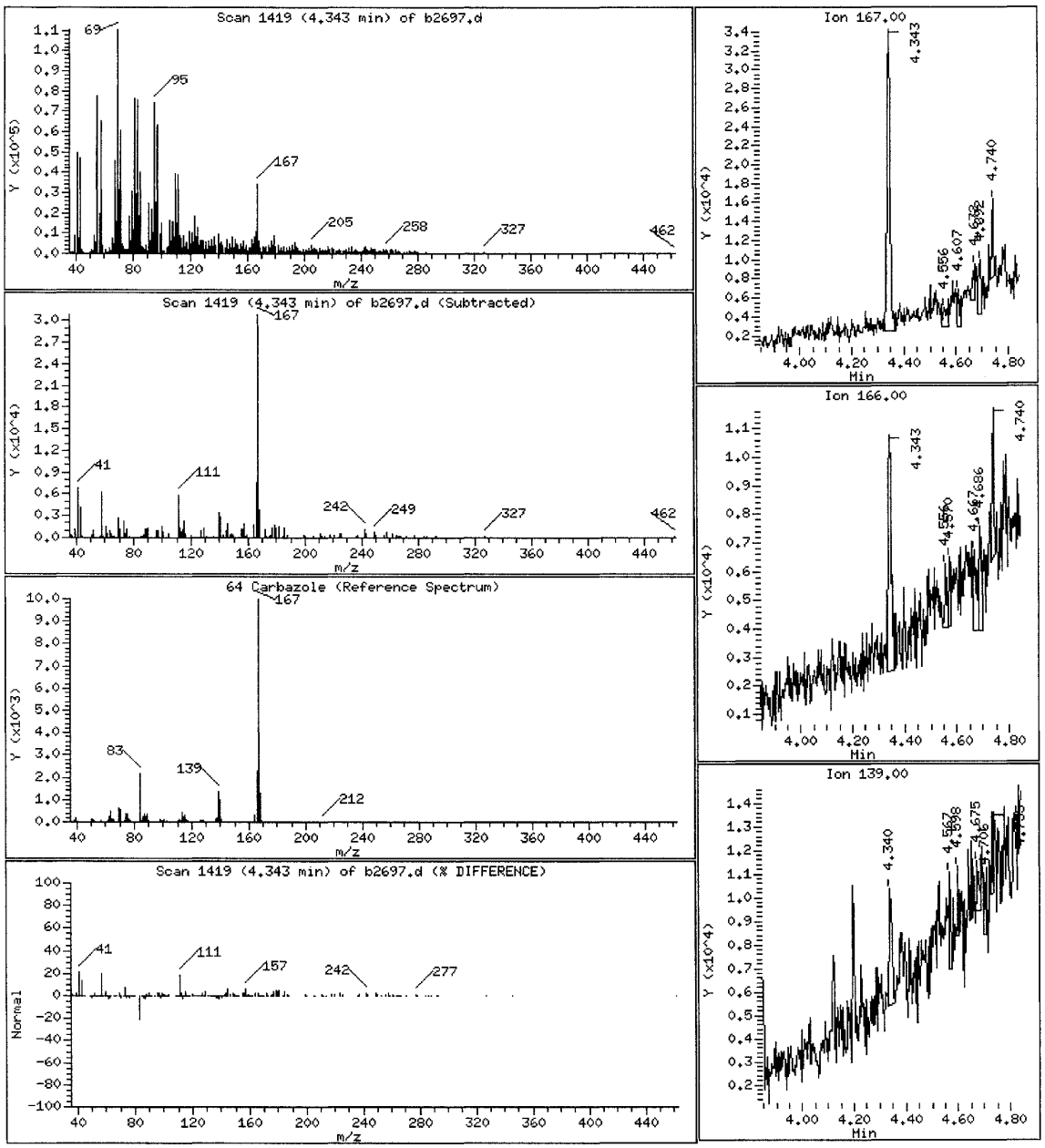
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

64 Carbazole

Concentration: 69.9 ug/Kg



188944

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

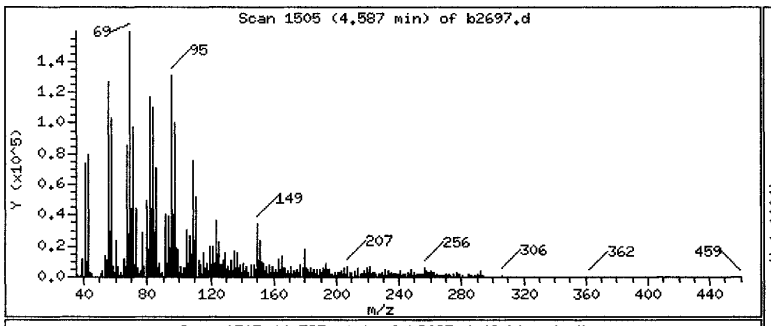
Client ID: 20607200614 Instrument: MSSV3.i

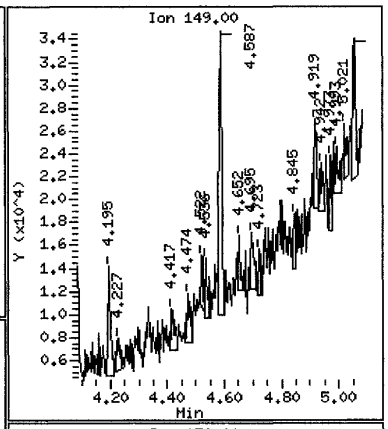
Sample Info: 20607200614*4482*

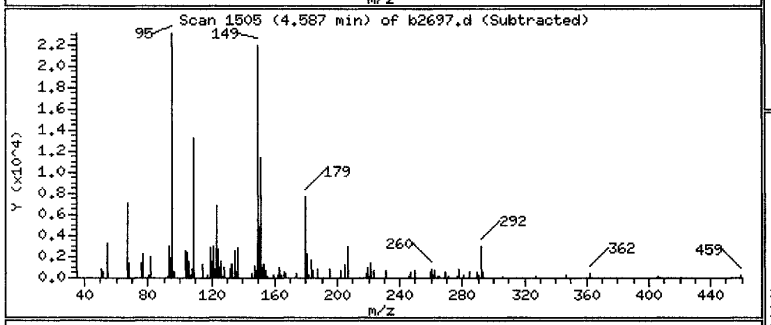
Volume Injected (uL): 1.0 Operator: rrr

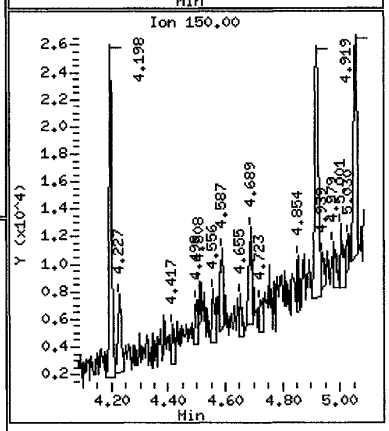
Column phase: RTX-5MS-30M Column diameter: 0.25

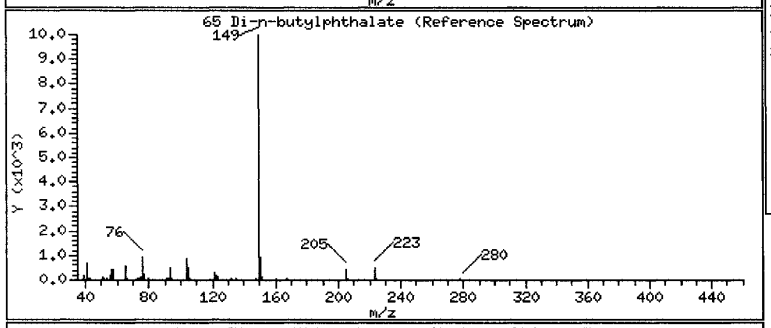
65 Di-n-butylphthalate Concentration: 42.7 ug/Kg

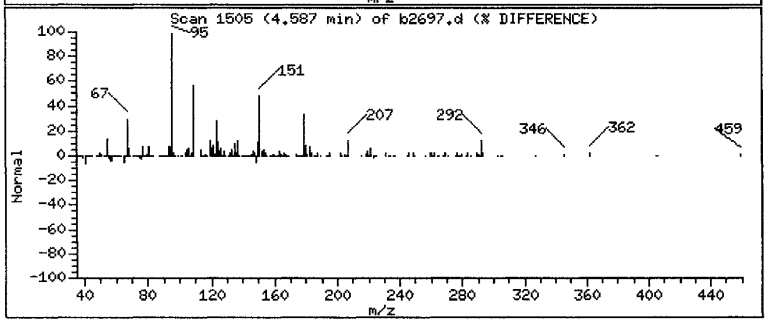












188945

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

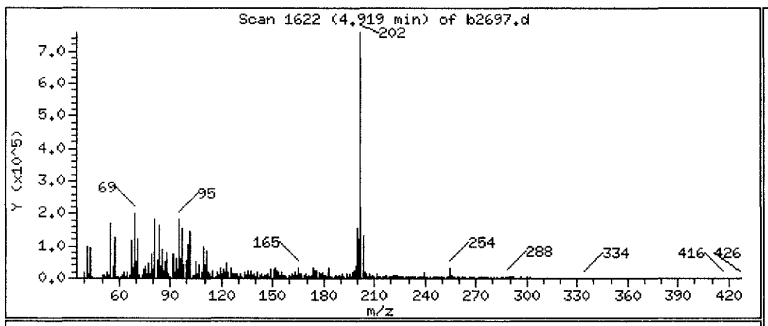
Operator: rrr

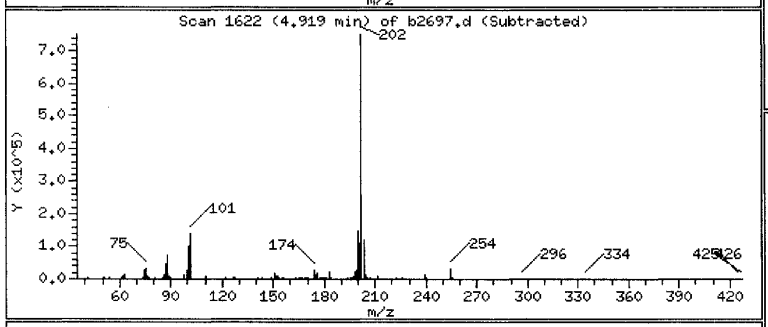
Column phase: RTX-5MS-30M

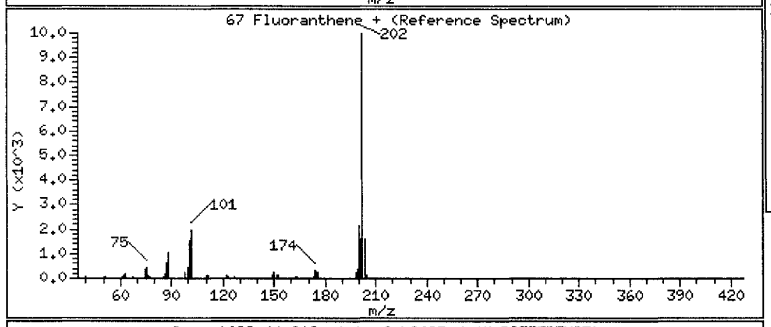
Column diameter: 0.25

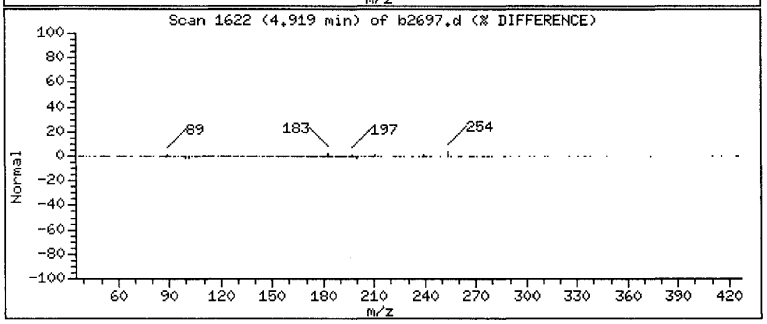
67 Fluoranthene +

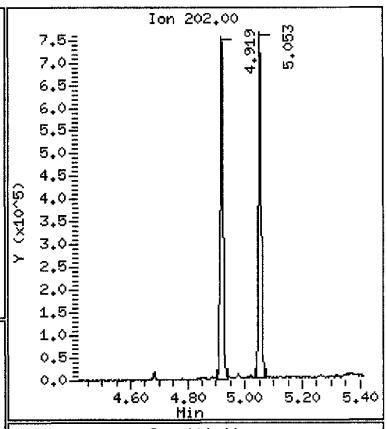
Concentration: 1310 ug/Kg

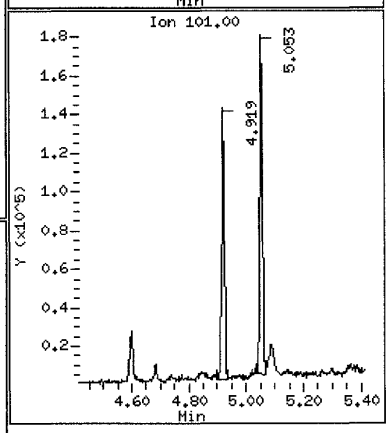












188946

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

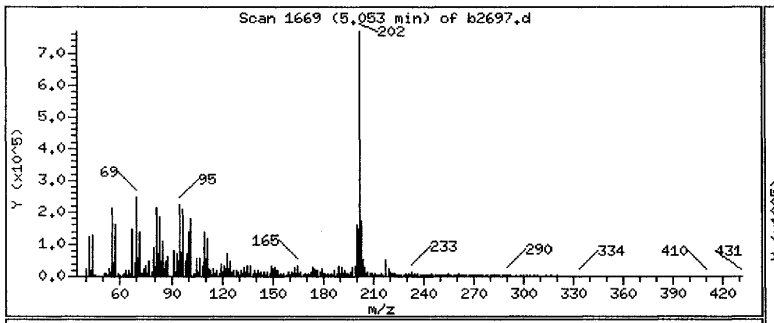
Operator: rrr

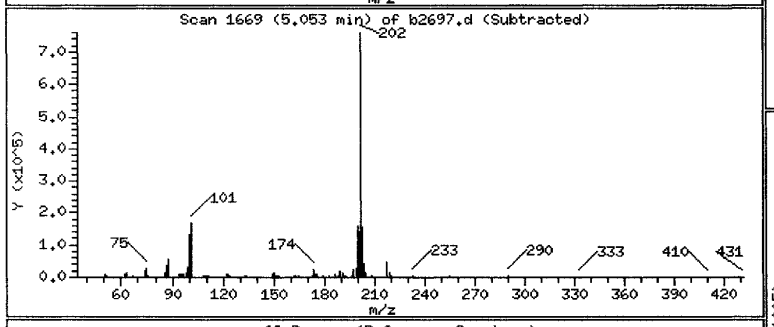
Column phase: RTX-5MS-30M

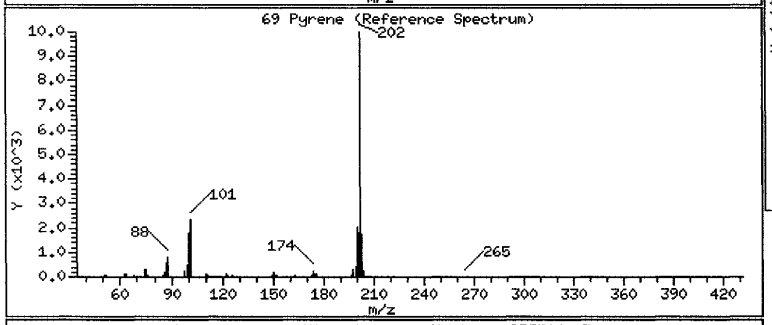
Column diameter: 0.25

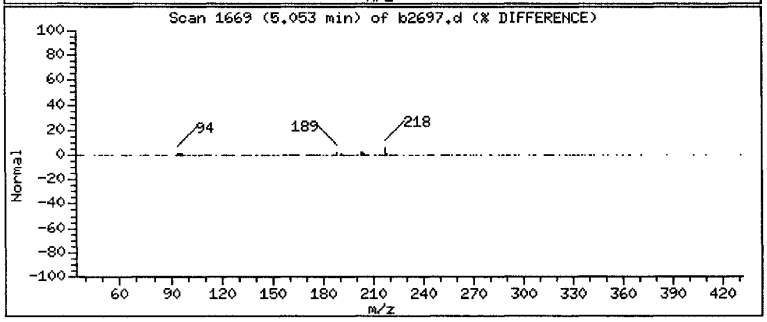
69 Pyrene

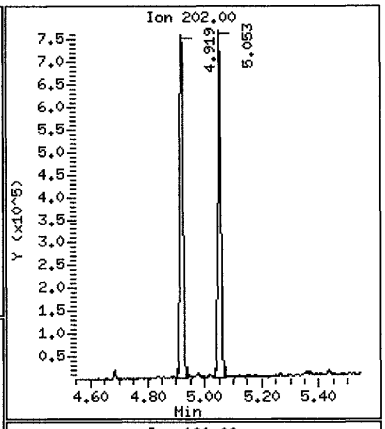
Concentration: 1000 ug/Kg

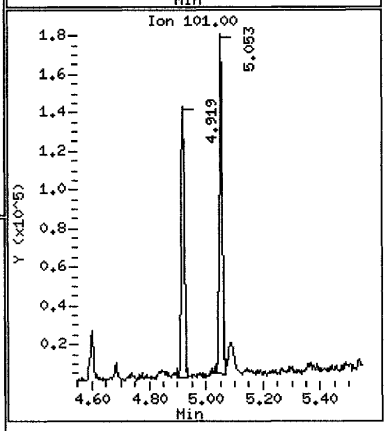












Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

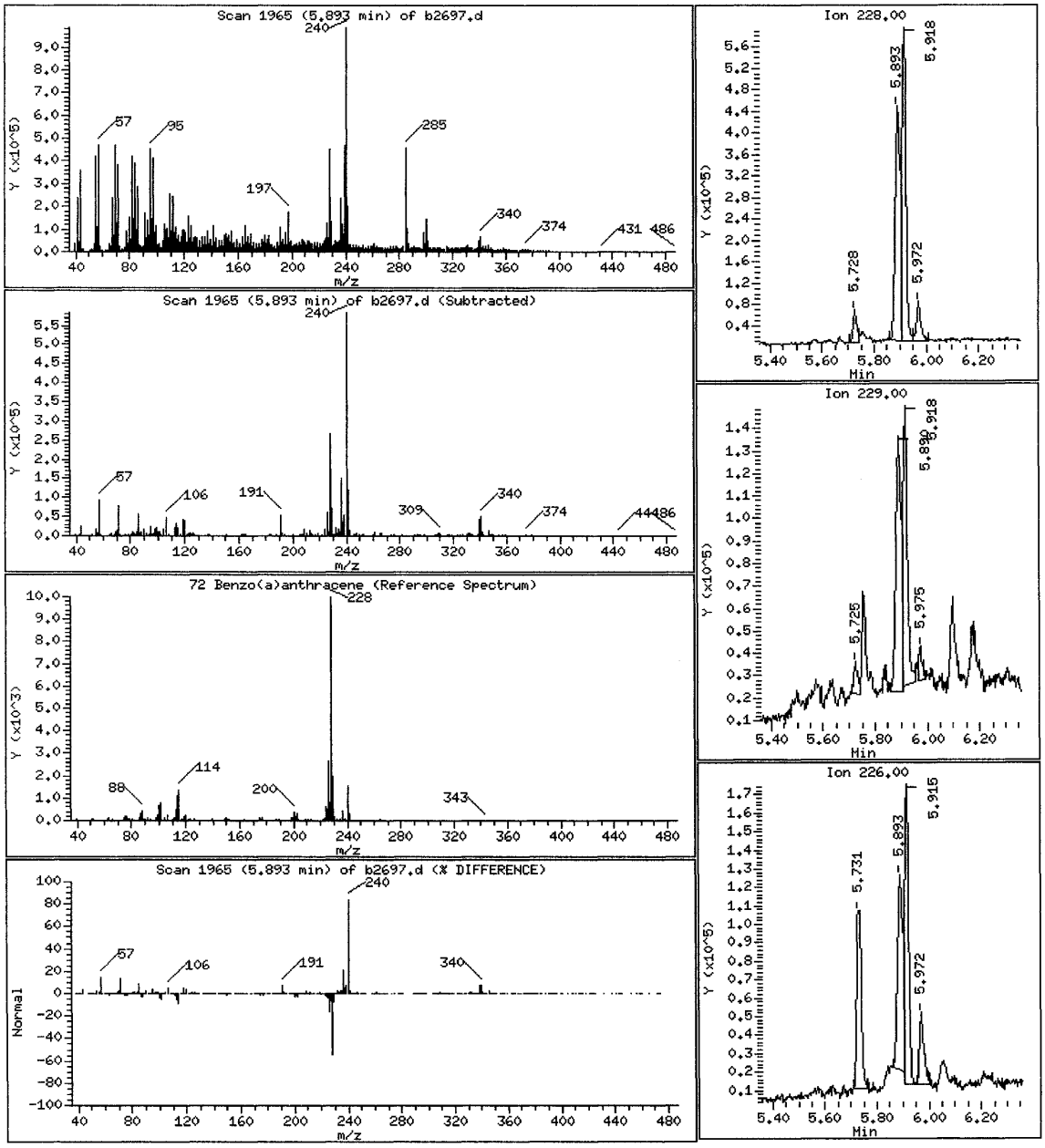
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

72 Benzo(a)anthracene

Concentration: 1190 ug/Kg



188948

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

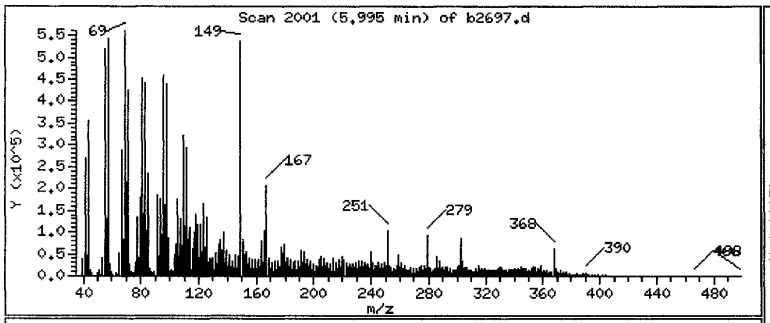
Operator: rrr

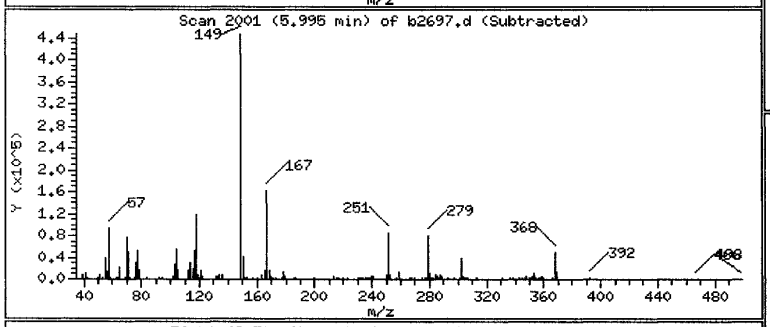
Column phase: RTX-5MS-30M

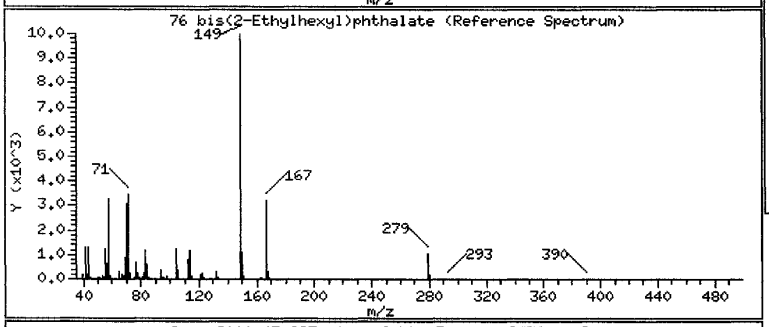
Column diameter: 0.25

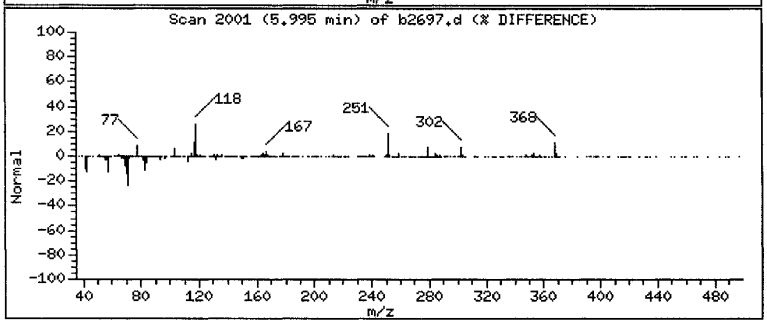
76 bis(2-Ethylhexyl)phthalate

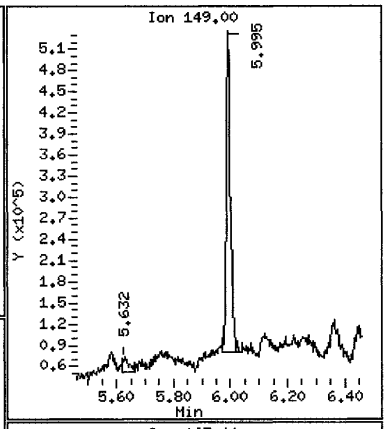
Concentration: 1760 ug/Kg

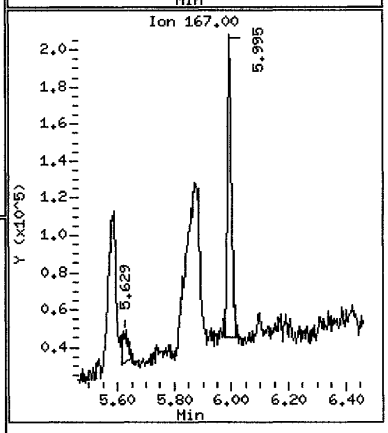












Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

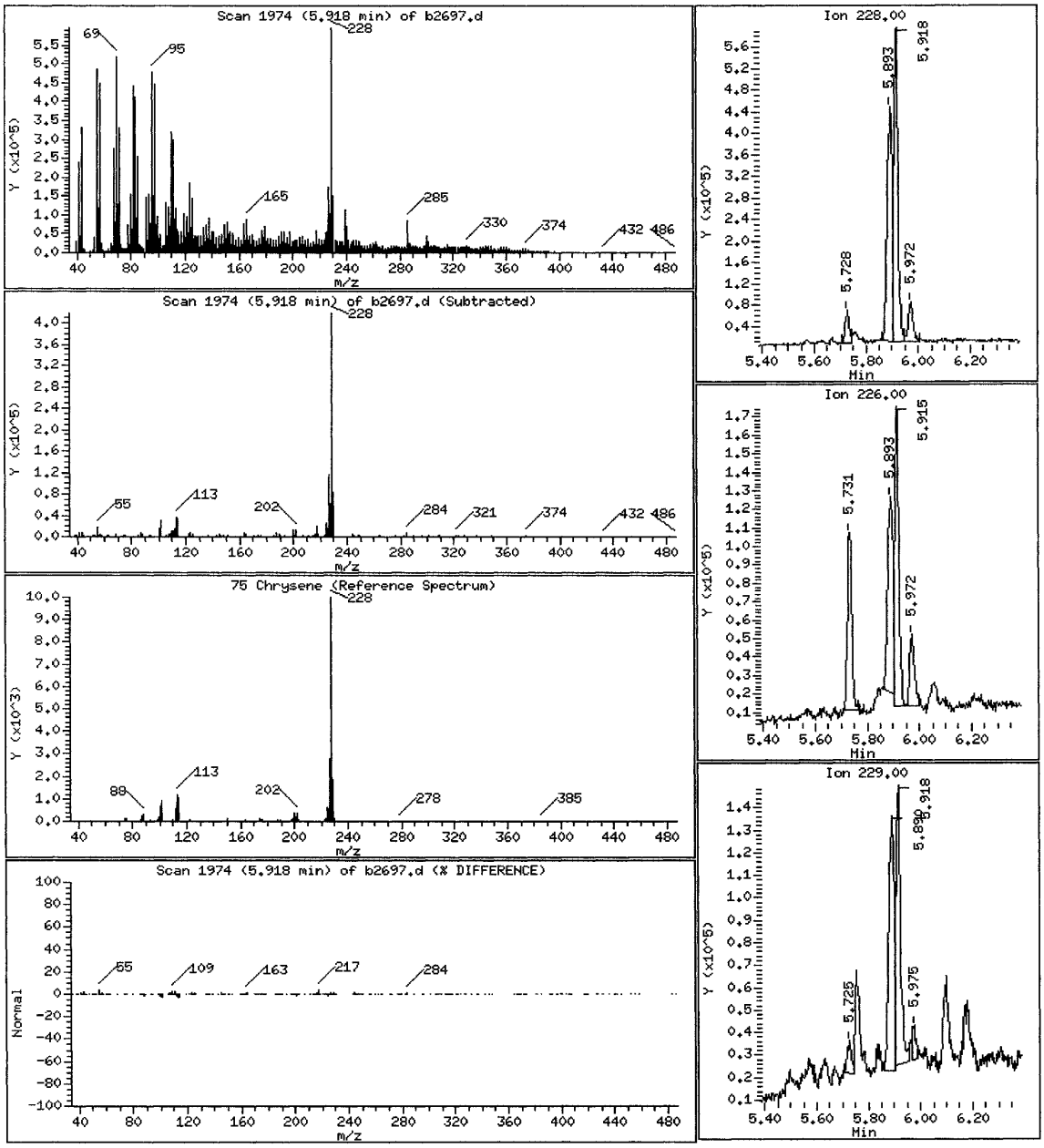
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

75 Chrysene

Concentration: 1290 ug/Kg



188950

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

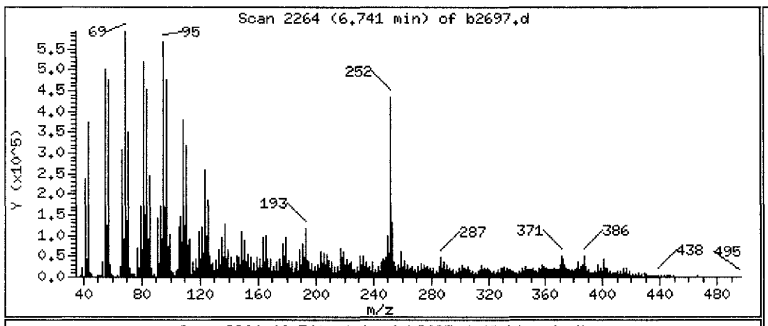
Operator: rrr

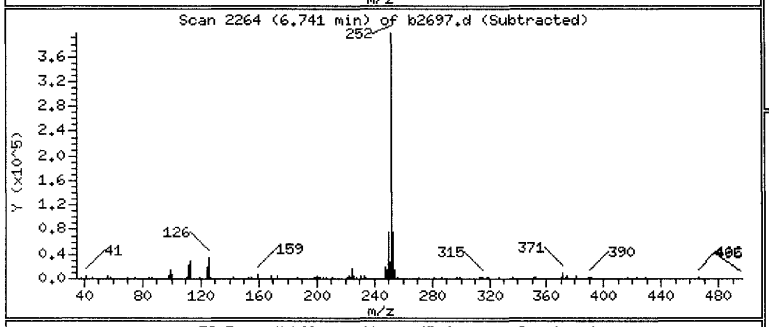
Column phase: RTX-5MS-30M

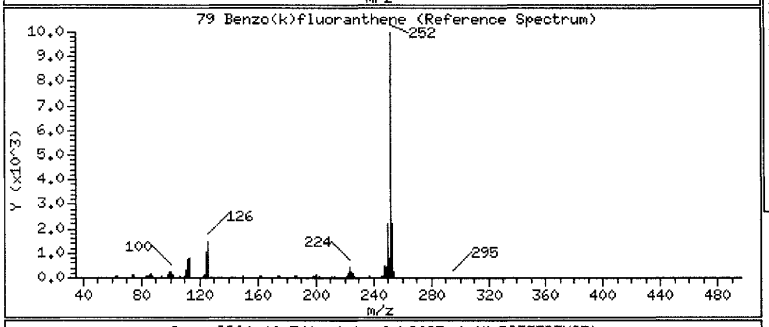
Column diameter: 0.25

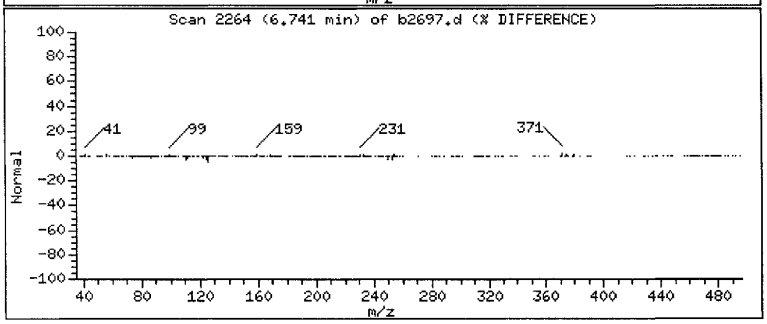
79 Benzo(k)fluoranthene

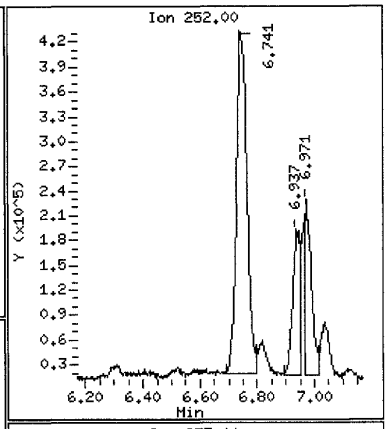
Concentration: 1170 ug/Kg

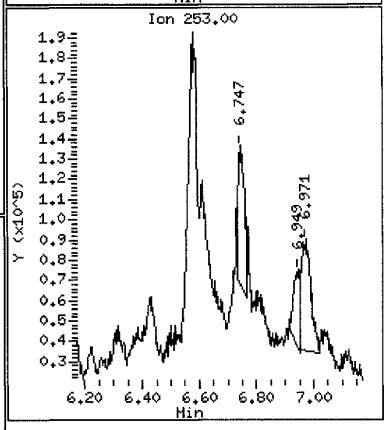












188951

Data File: /var/chem/MSSV3.i/2060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

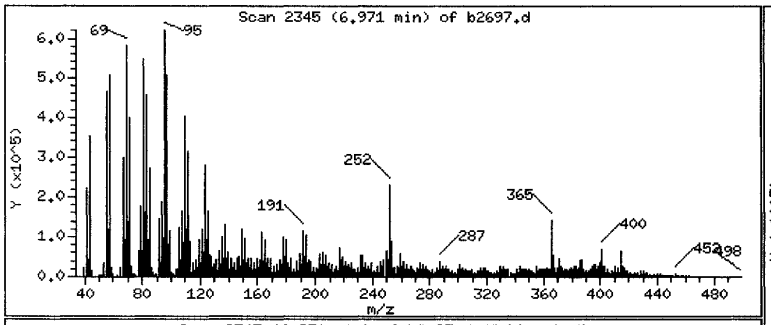
Operator: rrr

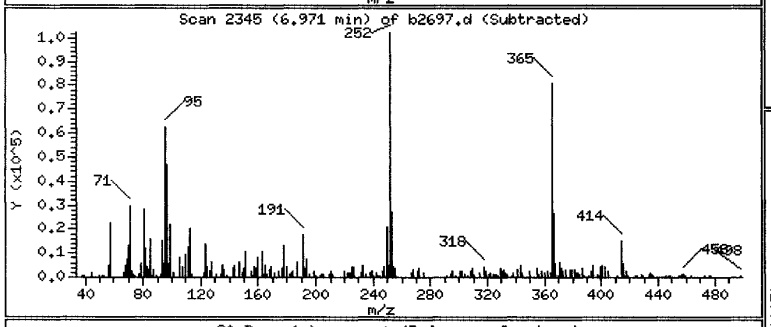
Column phase: RTX-5MS-30M

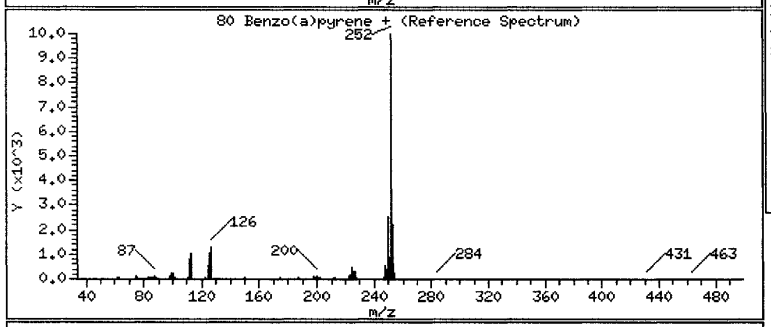
Column diameter: 0.25

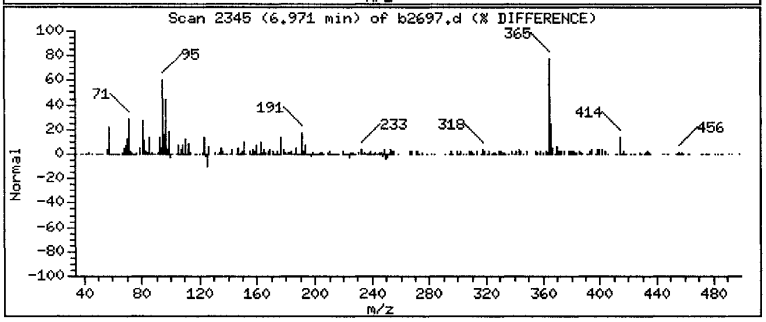
80 Benzo(a)pyrene +

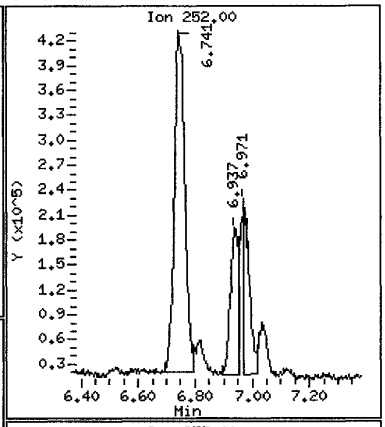
Concentration: 536 ug/Kg

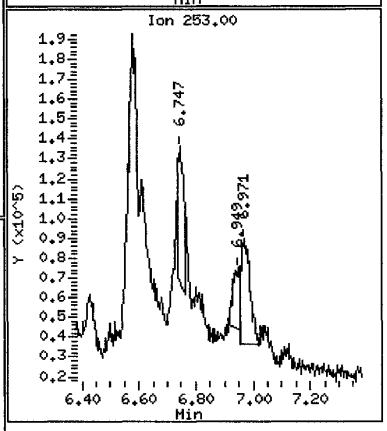












188952

Data File: /var/chem/MSSV3.i/20060722.s.b/b2697.d

Date : 23-JUL-2006 01:00

Client ID: 20607200614

Instrument: MSSV3.i

Sample Info: 20607200614*4482*

Volume Injected (uL): 1.0

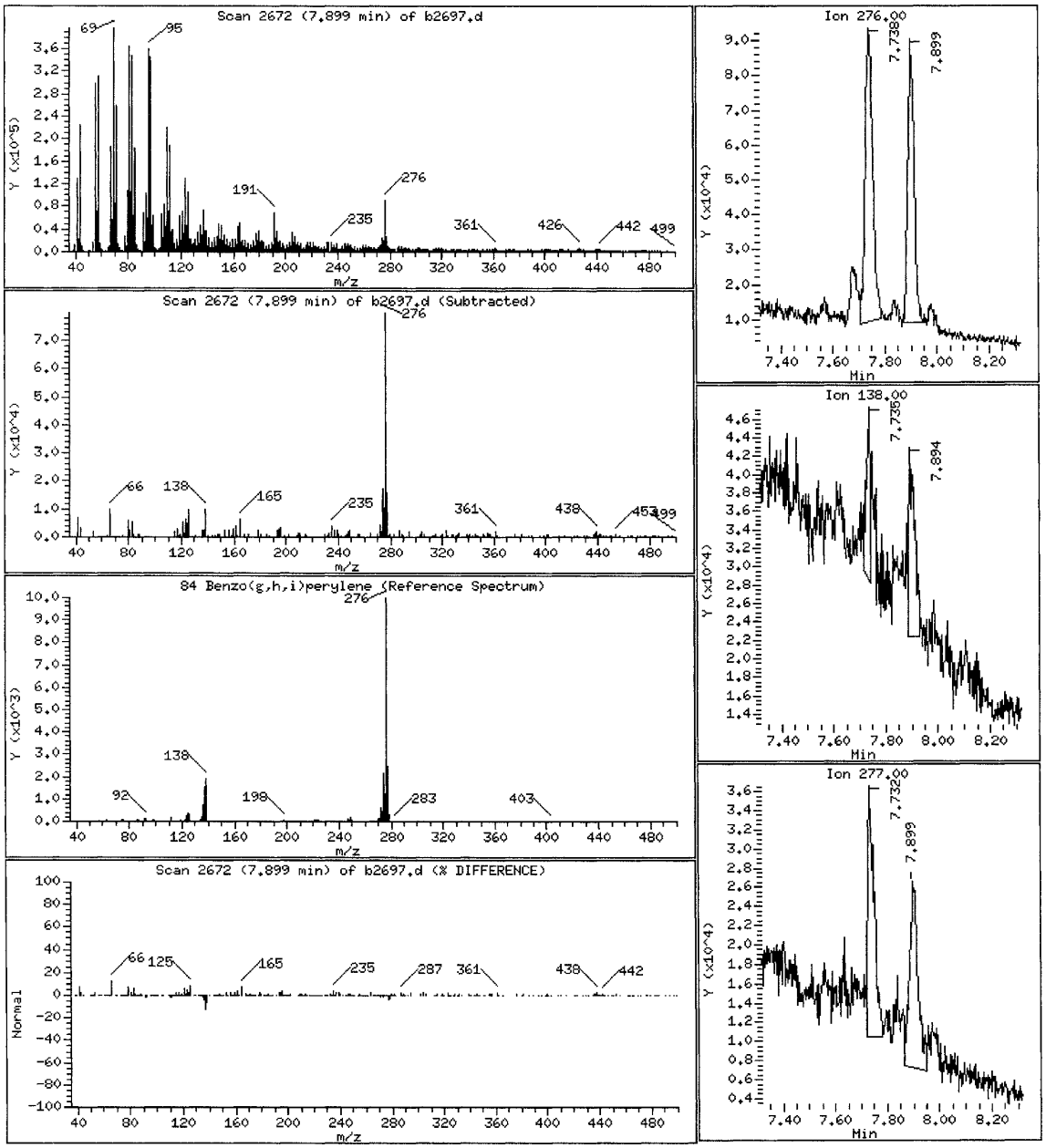
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

84 Benzo(g,h,i)perylene

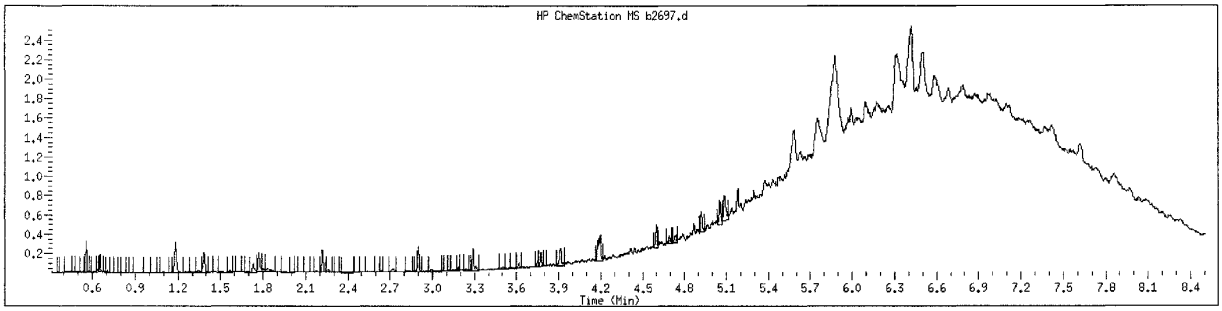
Concentration: 174 ug/Kg



Data file : /var/chem/MSSV3.i/2060722.s.b/b2697.d Page: 1
Report Date: 07/23/2006 11:19

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200614	SampleType	: SAMPLE
Injection Date	: 23-JUL-2006 01:00	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 20607200614*4482*		
Misc Info	: 20607200614*MSSV~3839~*072006*30.1-1*328412*		
Method	: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

188954

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 16.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SE3SB39-078-(1-2)

Contract:

Lab File ID: 2060722/B2698

Lab Sample ID: 20607200615

Date Collected: 07/18/06 Time: 1645

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0115

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	393	U	8.53	393
95-95-4	2,4,5-Trichlorophenol	393	U	8.00	393
88-06-2	2,4,6-Trichlorophenol	393	U	17.7	393
120-83-2	2,4-Dichlorophenol	393	U	10.3	393
51-28-5	2,4-Dinitrophenol	1990	U	67.3	1990
121-14-2	2,4-Dinitrotoluene	393	U	17.7	393
606-20-2	2,6-Dinitrotoluene	393	U	9.53	393
91-58-7	2-Chloronaphthalene	393	U	10.6	393
95-57-8	2-Chlorophenol	393	U	6.29	393
91-57-6	2-Methylnaphthalene	78.6	U	11.1	78.6
88-74-4	2-Nitroaniline	1990	U	25.8	1990
88-75-5	2-Nitrophenol	393	U	15.7	393
91-94-1	3,3'-Dichlorobenzidine	786	U	49.4	786
99-09-2	3-Nitroaniline	1990	U	10.8	1990
534-52-1	2-Methyl-4,6-dinitrophenol	1990	U	20.6	1990
59-50-7	4-Chloro-3-methylphenol	393	U	15.8	393
106-47-8	4-Chloroaniline	393	U	34.7	393
7005-72-3	4-Chlorophenyl-phenylether	393	U	10.5	393
83-32-9	Acenaphthene	78.6	U	10.2	78.6
208-96-8	Acenaphthylene	78.6	U	11.6	78.6
98-86-2	Acetophenone	393	U	8.45	393
62-53-3	Aniline	393	U	7.62	393
120-12-7	Anthracene	78.6	U	11.3	78.6
1912-24-9	Atrazine (Aatrex)	786	U	20.2	786
100-52-7	Benzaldehyde	786	U	30.1	786
92-87-5	Benzidine	1570	U	53.0	1570
56-55-3	Benzo(a)anthracene	78.6	U	10.5	78.6
50-32-8	Benzo(a)pyrene	78.6	U	10.4	78.6
205-99-2	Benzo(b)fluoranthene	51.9	J	7.29	393

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 16.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SE3SB39-078-(1-2)

Contract:

Lab File ID: 2060722/B2698

Lab Sample ID: 20607200615

Date Collected: 07/18/06 Time: 1645

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0115

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	393	U	10.4	393
207-08-9	Benzo(k)fluoranthene	393	U	16.1	393
65-85-0	Benzoic acid	1990	U	183	1990
100-51-6	Benzyl alcohol	393	U	11.6	393
92-52-4	Biphenyl	393	U	11.6	393
111-91-1	Bis(2-Chloroethoxy)methane	393	U	13.5	393
111-44-4	Bis(2-Chloroethyl)ether	393	U	12.2	393
108-60-1	bis(2-Chloroisopropyl)ether	393	U	15.3	393
117-81-7	bis(2-ethylhexyl)phthalate	33.3	JB	10.6	78.6
101-55-3	4-Bromophenyl-phenylether	393	U	9.59	393
85-68-7	Butylbenzylphthalate	393	U	12.9	393
105-60-2	Caprolactam	393	U	81.4	393
86-74-8	Carbazole	393	U	10.2	393
218-01-9	Chrysene	393	U	9.20	393
84-74-2	Di-n-butylphthalate	393	U	29.4	393
117-84-0	Di-n-octylphthalate	393	U	8.56	393
53-70-3	Dibenz(a,h)anthracene	78.6	U	9.94	78.6
132-64-9	Dibenzofuran	393	U	14.6	393
84-66-2	Diethylphthalate	393	U	17.5	393
131-11-3	Dimethyl-phthalate	393	U	13.0	393
105-67-9	2,4-Dimethylphenol	393	U	26.7	393
206-44-0	Fluoranthene	16.2	J	11.6	393
86-73-7	Fluorene	78.6	U	10.1	78.6
118-74-1	Hexachlorobenzene	393	U	12.7	393
77-47-4	Hexachlorocyclopentadiene	393	U	8.53	393
67-72-1	Hexachloroethane	393	U	16.5	393
193-39-5	Indeno(1,2,3-cd)pyrene	393	U	16.7	393
78-59-1	Isophorone	393	U	10.0	393
100-01-6	4-Nitroaniline	1990	U	28.4	1990

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 16.0 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SE3SB39-078-(1-2)

Contract:

Lab File ID: 2060722/B2698

Lab Sample ID: 20607200615

Date Collected: 07/18/06 Time: 1645

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0115

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	393	U	14.8	393
100-02-7	4-Nitrophenol	1990	U	51.7	1990
87-86-5	Pentachlorophenol	1990	U	102	1990
85-01-8	Phenanthrene	78.6	U	12.8	78.6
108-95-2	Phenol	393	U	12.8	393
129-00-0	Pyrene	393	U	12.3	393
110-86-1	Pyridine	393	U	23.6	393
1319-77-3M	m,p-Cresol	393	U	14.6	393
621-64-7	N-Nitroso-di-n-propylamine	78.6	U	10.6	78.6
62-75-9	N-Nitrosodimethylamine	393	U	51.3	393
86-30-6	N-Nitrosodiphenylamine	393	U	11.7	393
95-48-7	o-Cresol	393	U	16.0	393

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2698.d
Lab Smp Id: 20607200615 Client Smp ID: 20607200615
Inj Date : 23-JUL-2006 01:15
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200615*4482*
Misc Info : 20607200615*MSSV~3839~*072006*30.0-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 46
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.653	0.648	(0.472)	301808	111.232	3710(R)
$ 4 Phenol-d5	99	1.184	1.181	(0.855)	1009792	73.9989	2470
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	183129	40.0000	
$ 19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	616531	42.3777	1410
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	592669	40.0000	
$ 37 2-Fluorobiphenyl	172	2.899	2.901	(0.881)	405853	41.1979	1370
* 44 Acenaphthene-d10	164	3.290	3.293	(1.000)	287425	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.773	3.775	(1.147)	106412	73.8531	2460
* 61 Phenanthrene-d10	188	4.184	4.184	(1.000)	408140	40.0000	
67 Fluoranthene +	202	4.922	4.914	(1.176)	5090	0.40926	13.6(H)
69 Pyrene	202	5.047	5.047	(0.860)	7272	0.25386	8.46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 70 Terphenyl-d14	244	5.172	5.172	(0.881)	460304	23.2472	775
* 74 Chrysene-d12	240	5.867	5.867	(1.000)	853558	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	6.137	5.961	(1.046)	558	0.84146	28.0(H)
78 Benzo(b)fluoranthene	252	6.651	6.648	(0.960)	6375	1.30910	43.6
* 81 Perylene-d12	264	6.926	6.920	(1.000)	652223	40.0000	

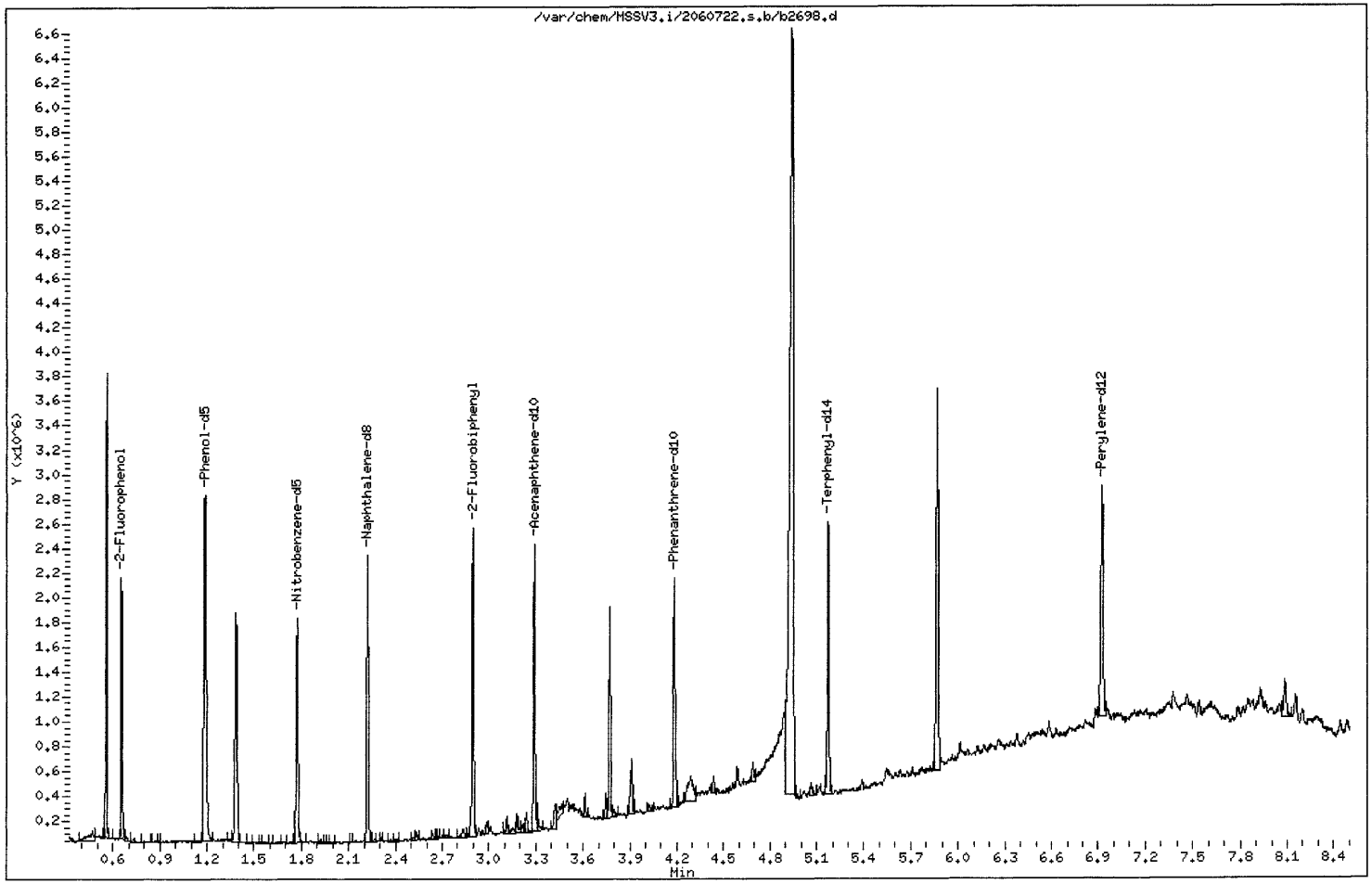
QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2698.d
Date : 23-JUL-2006 01:15
Client ID: 20607200615
Sample Info: 20607200615*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25



Data File: /var/chem/MSSV3.i/2060722.s.b/b2698.d

Date : 23-JUL-2006 01:15

Client ID: 20607200615

Instrument: MSSV3.i

Sample Info: 20607200615*4482*

Volume Injected (uL): 1.0

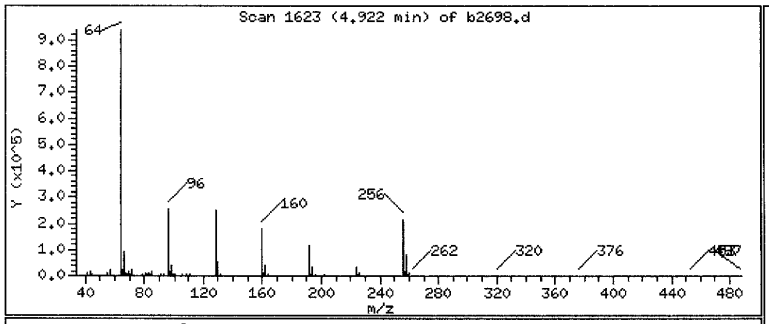
Operator: rrr

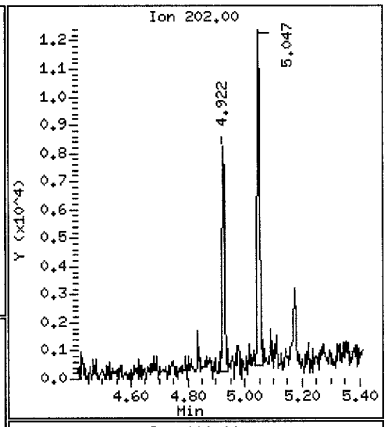
Column phase: RTX-5MS-30M

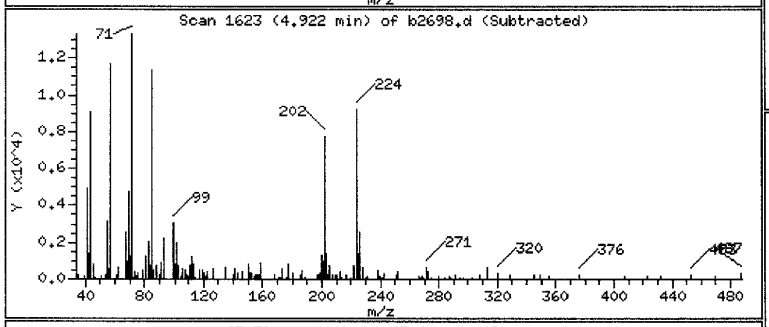
Column diameter: 0.25

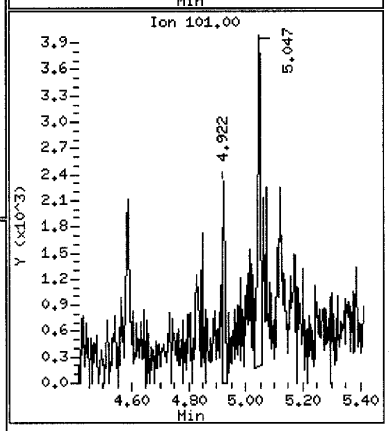
67 Fluoranthene +

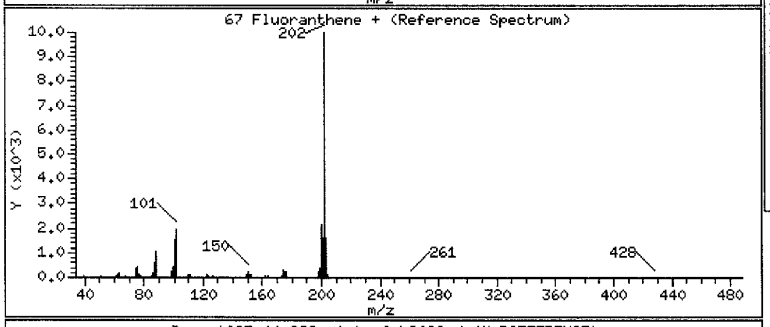
Concentration: 13.6 ug/Kg

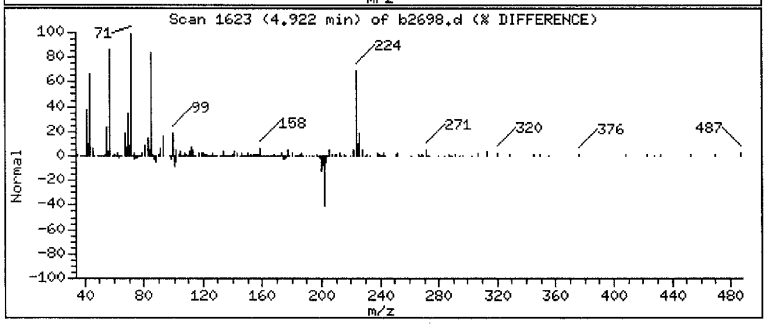












Data File: /var/chem/MSSV3.i/20060722.s.b/b2698.d

Date : 23-JUL-2006 01:15

Client ID: 20607200615

Instrument: MSSV3.i

Sample Info: 20607200615*4482*

Volume Injected (uL): 1.0

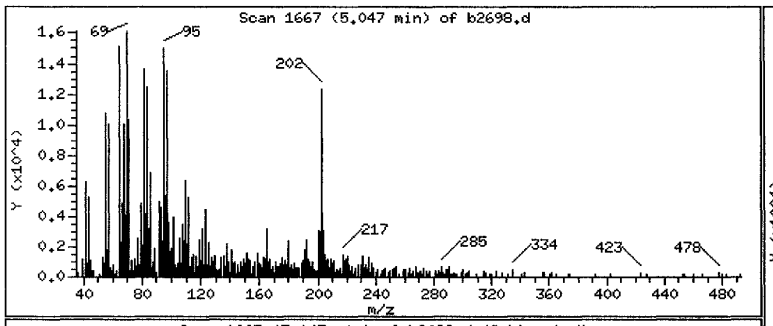
Operator: rrr

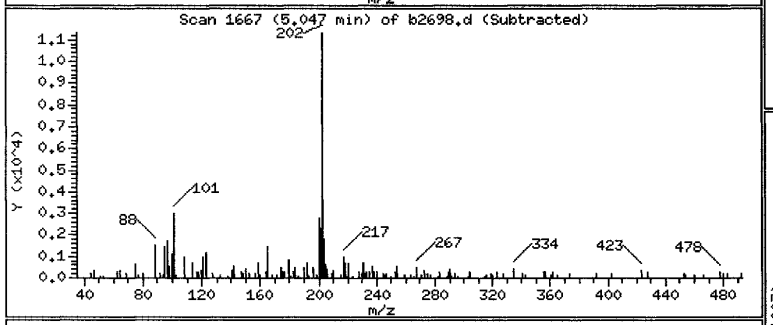
Column phase: RTX-5MS-30M

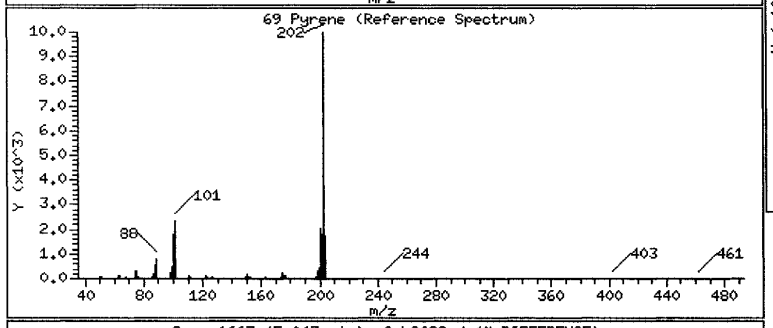
Column diameter: 0.25

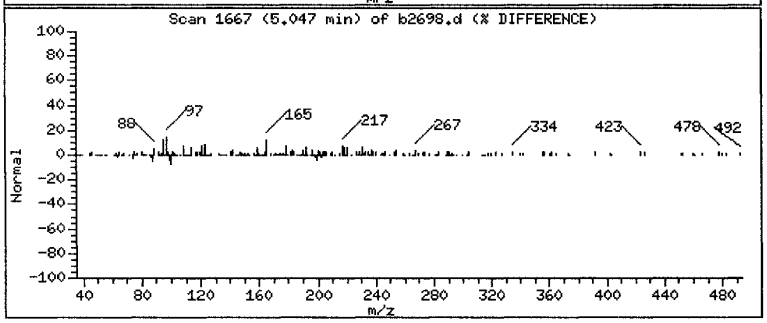
69 Pyrene

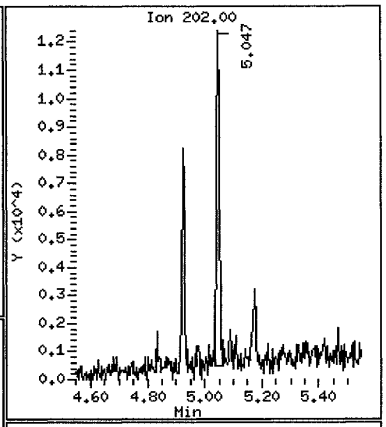
Concentration: 8.46 ug/Kg

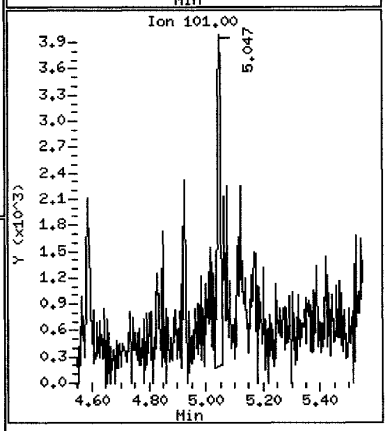












188962

Data File: /var/chem/MSSV3.i/2060722.s.b/b2698.d

Date : 23-JUL-2006 01:15

Client ID: 20607200615

Instrument: MSSV3.i

Sample Info: 20607200615*4482*

Volume Injected (uL): 1.0

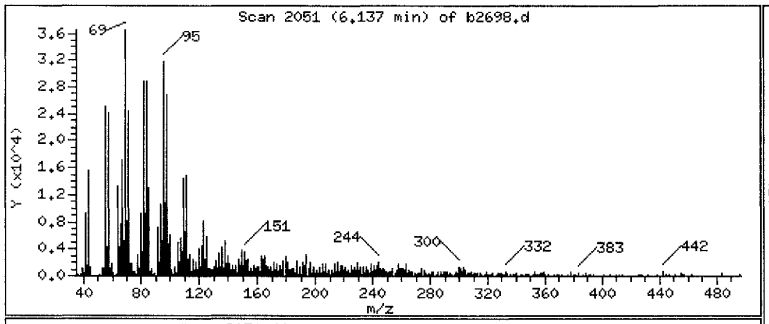
Operator: rrr

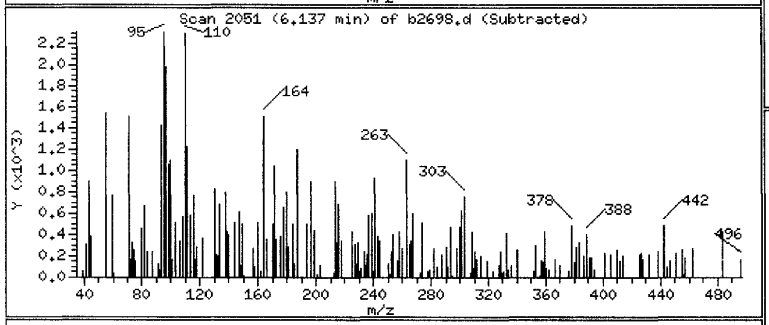
Column phase: RTX-5MS-30M

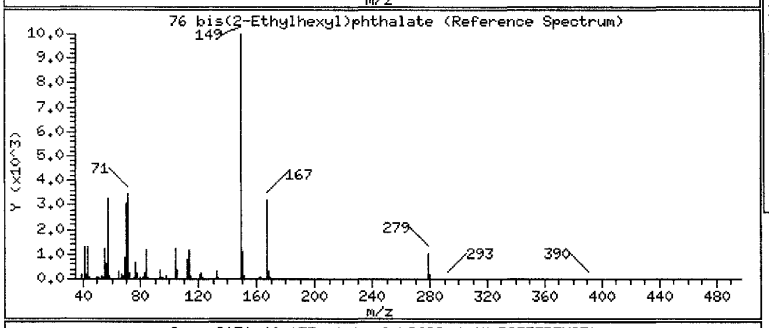
Column diameter: 0.25

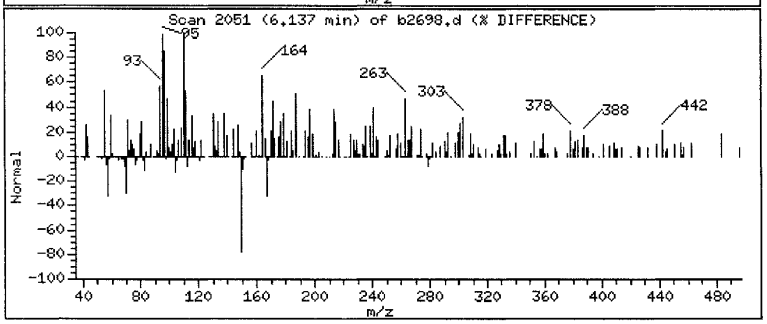
76 bis(2-Ethylhexyl)phthalate

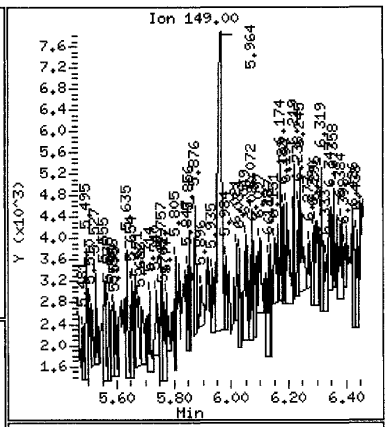
Concentration: 28.0 ug/Kg

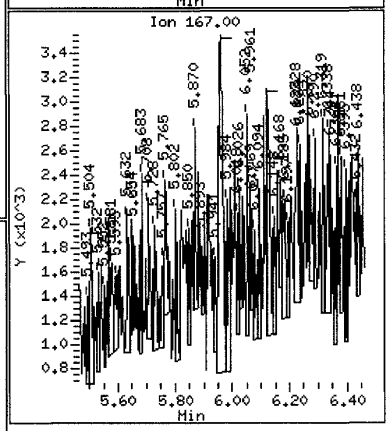












Data File: /var/chem/MSSV3.i/2060722.s.b/b2698.d

Date : 23-JUL-2006 01:15

Client ID: 20607200615

Instrument: MSSV3.i

Sample Info: 20607200615*4482*

Volume Injected (uL): 1.0

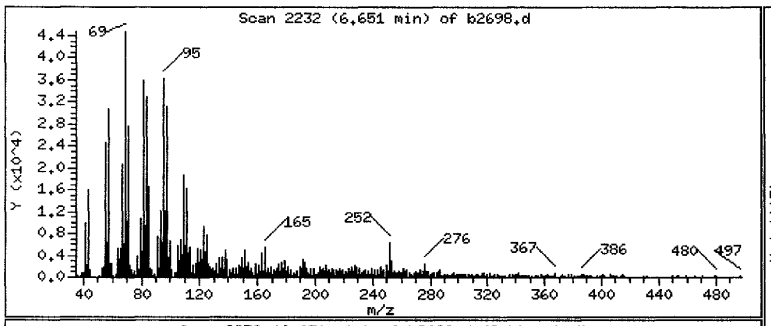
Operator: rrr

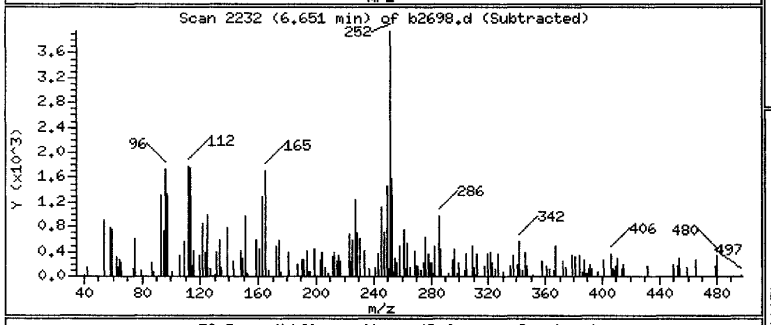
Column phase: RTX-5MS-30M

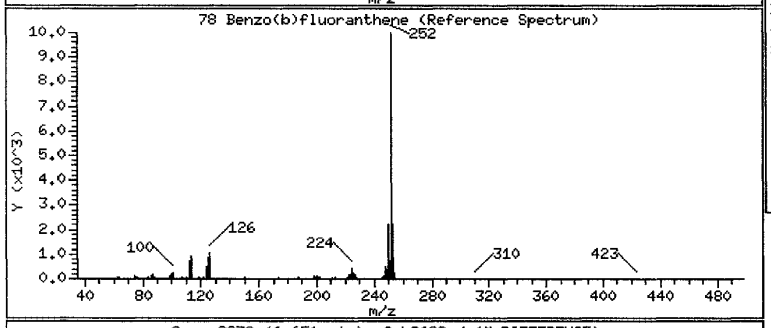
Column diameter: 0.25

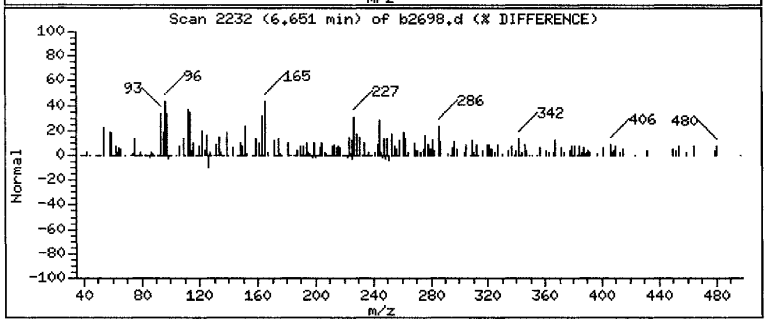
78 Benzo(b)fluoranthene

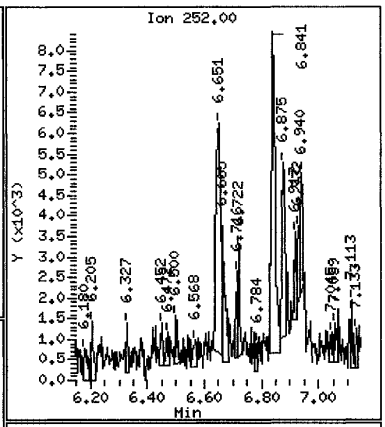
Concentration: 43.6 ug/Kg

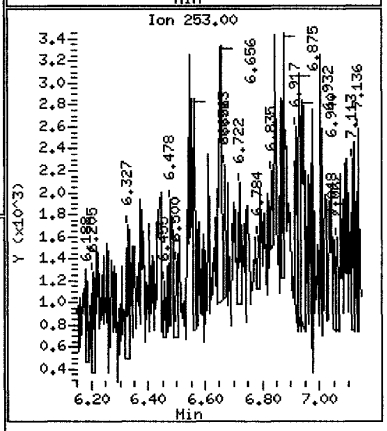










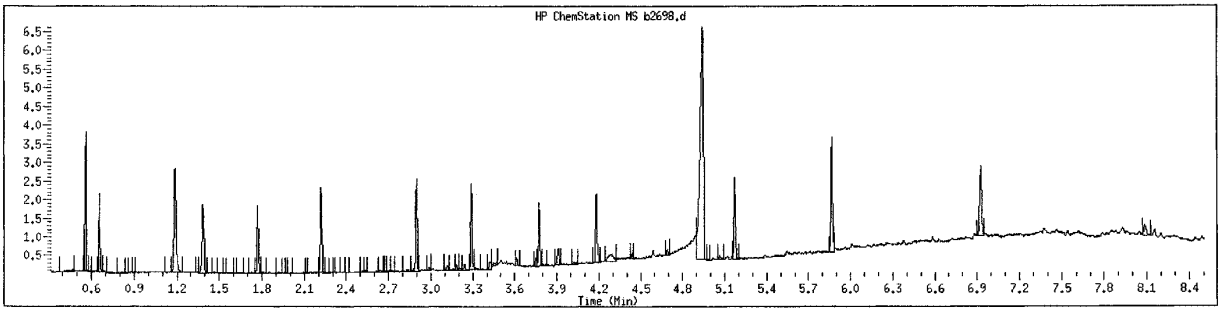


188964

Data file : /var/chem/MSSV3.i/2060722.s.b/b2698.d Page: 1
Report Date: 07/23/2006 11:21

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200615 SampleType : SAMPLE
Injection Date: 23-JUL-2006 01:15 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200615*4482*
Misc Info : 20607200615*MSSV~3839~*072006*30.0-1*328412*
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



NO MANUAL INTEGRATIONS

188965

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.3 Units: g

Level: (low/med) LOW

% Moisture: 7.4 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH5SB66-131-(0-0.5)

Contract:

Lab File ID: 2060722/B2799

Lab Sample ID: 20607200616

Date Collected: 07/18/06 Time: 1750

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0130

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	353	U	7.65	353
95-95-4	2,4,5-Trichlorophenol	353	U	7.18	353
88-06-2	2,4,6-Trichlorophenol	353	U	15.8	353
120-83-2	2,4-Dichlorophenol	353	U	9.21	353
51-28-5	2,4-Dinitrophenol	1780	U	60.4	1780
121-14-2	2,4-Dinitrotoluene	353	U	15.9	353
606-20-2	2,6-Dinitrotoluene	353	U	8.55	353
91-58-7	2-Chloronaphthalene	353	U	9.54	353
95-57-8	2-Chlorophenol	353	U	5.64	353
91-57-6	2-Methylnaphthalene	70.5	U	9.99	70.5
88-74-4	2-Nitroaniline	1780	U	23.1	1780
88-75-5	2-Nitrophenol	353	U	14.1	353
91-94-1	3,3'-Dichlorobenzidine	705	U	44.3	705
99-09-2	3-Nitroaniline	1780	U	9.73	1780
534-52-1	2-Methyl-4,6-dinitrophenol	1780	U	18.5	1780
59-50-7	4-Chloro-3-methylphenol	353	U	14.2	353
106-47-8	4-Chloroaniline	353	U	31.1	353
7005-72-3	4-Chlorophenyl-phenylether	353	U	9.39	353
83-32-9	Acenaphthene	70.5	U	9.20	70.5
208-96-8	Acenaphthylene	70.5	U	10.4	70.5
98-86-2	Acetophenone	353	U	7.58	353
62-53-3	Aniline	353	U	6.84	353
120-12-7	Anthracene	70.5	U	10.1	70.5
1912-24-9	Atrazine (Aatrex)	705	U	18.1	705
100-52-7	Benzaldehyde	705	U	27.0	705
92-87-5	Benzidine	1410	U	47.6	1410
56-55-3	Benzo(a)anthracene	70.5	U	9.41	70.5
50-32-8	Benzo(a)pyrene	11.9	J	9.34	70.5
205-99-2	Benzo(b)fluoranthene	55.6	J	6.54	353

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.3 Units: g

Level: (low/med) LOW

% Moisture: 7.4 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH5SB66-131-(0-0.5)

Contract:

Lab File ID: 2060722/B2799

Lab Sample ID: 20607200616

Date Collected: 07/18/06 Time: 1750

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0130

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	353	U	9.35	353
207-08-9	Benzo(k)fluoranthene	353	U	14.5	353
65-85-0	Benzoic acid	1780	U	165	1780
100-51-6	Benzyl alcohol	353	U	10.4	353
92-52-4	Biphenyl	353	U	10.4	353
111-91-1	Bis(2-Chloroethoxy)methane	353	U	12.1	353
111-44-4	Bis(2-Chloroethyl)ether	353	U	11.0	353
108-60-1	bis(2-Chloroisopropyl)ether	353	U	13.7	353
117-81-7	bis(2-ethylhexyl)phthalate	48.8	JB	9.51	70.5
101-55-3	4-Bromophenyl-phenylether	353	U	8.61	353
85-68-7	Butylbenzylphthalate	353	U	11.6	353
105-60-2	Caprolactam	353	U	73.1	353
86-74-8	Carbazole	353	U	9.12	353
218-01-9	Chrysene	10.9	J	8.26	353
84-74-2	Di-n-butylphthalate	353	U	26.4	353
117-84-0	Di-n-octylphthalate	353	U	7.68	353
53-70-3	Dibenz(a,h)anthracene	70.5	U	8.92	70.5
132-64-9	Dibenzofuran	353	U	13.1	353
84-66-2	Diethylphthalate	353	U	15.7	353
131-11-3	Dimethyl-phthalate	353	U	11.6	353
105-67-9	2,4-Dimethylphenol	353	U	23.9	353
206-44-0	Fluoranthene	22.8	J	10.4	353
86-73-7	Fluorene	70.5	U	9.07	70.5
118-74-1	Hexachlorobenzene	353	U	11.4	353
77-47-4	Hexachlorocyclopentadiene	353	U	7.65	353
67-72-1	Hexachloroethane	353	U	14.8	353
193-39-5	Indeno(1,2,3-cd)pyrene	353	U	15.0	353
78-59-1	Isophorone	353	U	8.99	353
100-01-6	4-Nitroaniline	1780	U	25.5	1780

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.3 Units: g

Level: (low/med) LOW

% Moisture: 7.4 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH5SB66-131-(0-0.5)

Contract:

Lab File ID: 2060722/B2799

Lab Sample ID: 20607200616

Date Collected: 07/18/06 Time: 1750

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0130

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	353	U	13.2	353
100-02-7	4-Nitrophenol	1780	U	46.4	1780
87-86-5	Pentachlorophenol	1780	U	91.9	1780
85-01-8	Phenanthrene	70.5	U	11.5	70.5
108-95-2	Phenol	353	U	11.5	353
129-00-0	Pyrene	353	U	11.1	353
110-86-1	Pyridine	353	U	21.2	353
1319-77-3M	m,p-Cresol	353	U	13.1	353
621-64-7	N-Nitroso-di-n-propylamine	70.5	U	9.54	70.5
62-75-9	N-Nitrosodimethylamine	353	U	46.0	353
86-30-6	N-Nitrosodiphenylamine	353	U	10.5	353
95-48-7	o-Cresol	353	U	14.4	353

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2799.d
Lab Smp Id: 20607200616 Client Smp ID: 20607200616
Inj Date : 23-JUL-2006 01:30
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200616*4482*
Misc Info : 20607200616*MSSV~3839~*072006*30.3-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 47
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.30000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

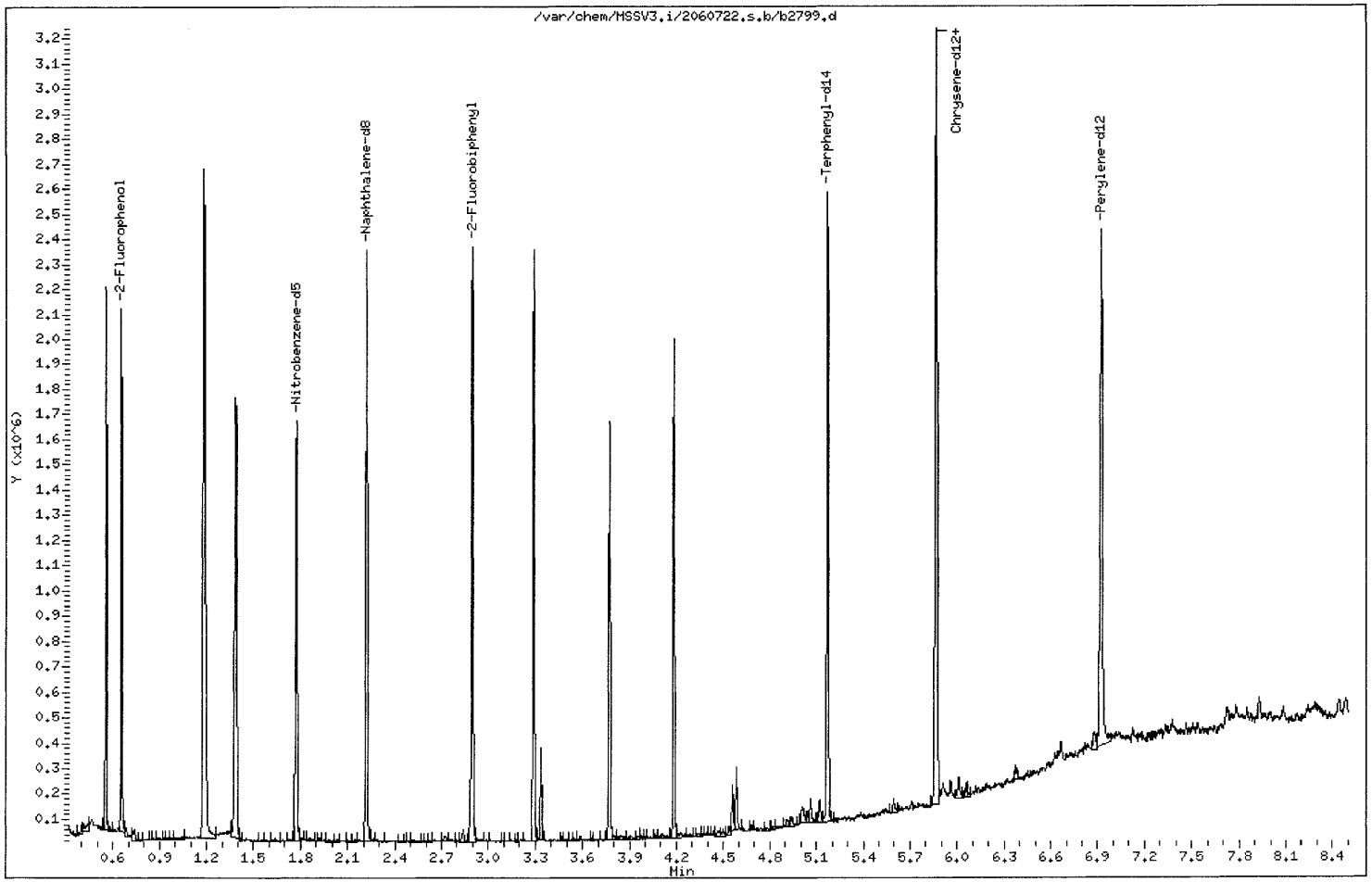
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.653	0.648	(0.472)	282767	104.994	3470
$ 4 Phenol-d5	99	1.184	1.181	(0.855)	964770	71.2287	2350
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	181769	40.0000	
$ 19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	585112	41.1910	1360
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	578670	40.0000	
$ 37 2-Fluorobiphenyl	172	2.899	2.901	(0.881)	402795	39.8658	1320
* 44 Acenaphthene-d10	164	3.290	3.293	(1.000)	294791	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.773	3.775	(1.147)	108068	73.1283	2410
* 61 Phenanthrene-d10	188	4.181	4.184	(1.000)	441964	40.0000	
62 Phenanthrene	178	4.196	4.198	(1.003)	4098	0.29127	9.61
67 Fluoranthene +	202	4.914	4.914	(1.175)	8605	0.63894	21.1

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
69 Pyrene	202	5.047	5.047	(0.860)	8467	0.28062	9.26
$ 70 Terphenyl-d14	244	5.172	5.172	(0.881)	489111	23.4520	774
* 74 Chrysene-d12	240	5.867	5.867	(1.000)	899056	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.961	5.961	(1.016)	9449	1.36950	45.2
75 Chrysene	228	5.881	5.887	(1.002)	9371	0.30524	10.1
78 Benzo(b)fluoranthene	252	6.651	6.648	(0.961)	12425	1.56156	51.5
80 Benzo(a)pyrene +	252	6.875	6.880	(0.993)	6360	0.33212	11.0
* 81 Perylene-d12	264	6.923	6.920	(1.000)	727294	40.0000	

Data File: /var/chem/MSSV3.i/2060722.s.b/b2799.d
Date : 23-JUL-2006 01:30
Client ID: 20607200616
Sample Info: 20607200616*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25



Data File: /var/chem/MSSV3.i/2060722.s.b/b2799.d

Date : 23-JUL-2006 01:30

Client ID: 20607200616

Instrument: MSSV3.i

Sample Info: 20607200616*4482*

Volume Injected (uL): 1.0

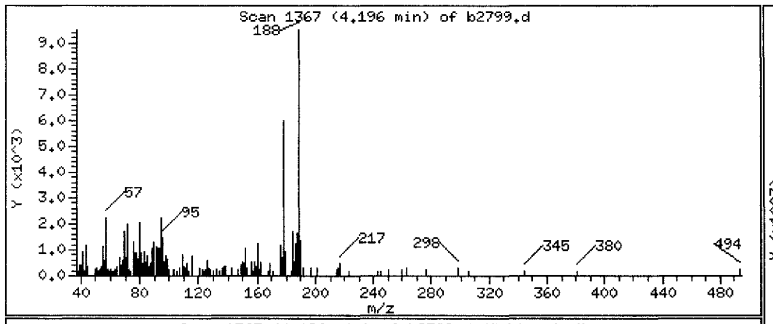
Operator: rrr

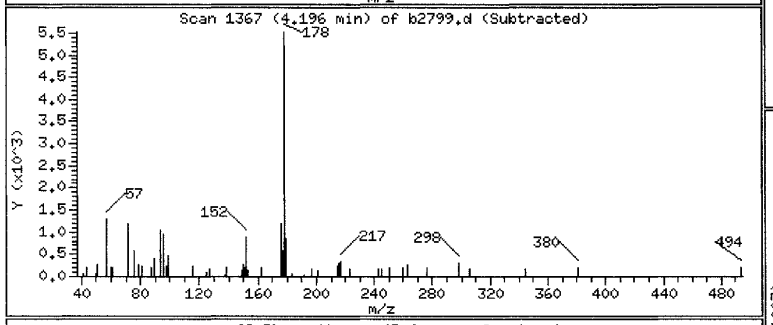
Column phase: RTX-5MS-30M

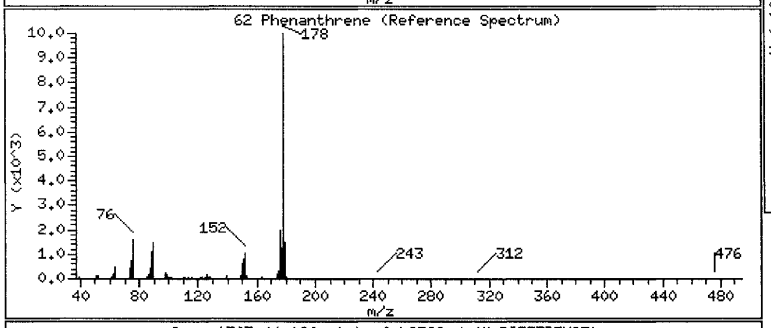
Column diameter: 0.25

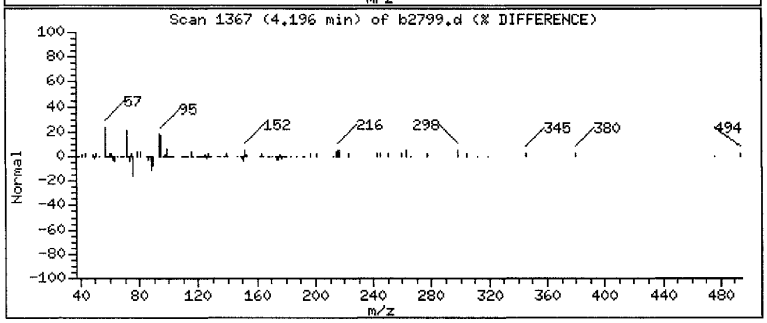
62 Phenanthrene

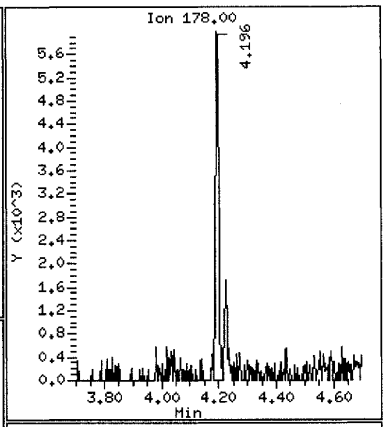
Concentration: 9.61 ug/Kg

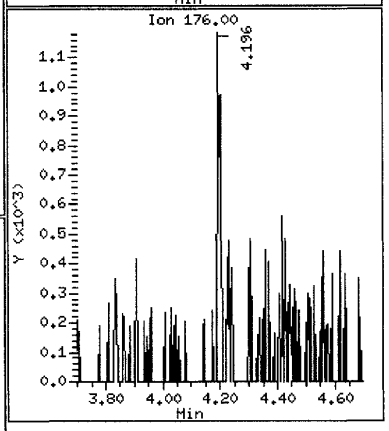












Data File: /var/chem/MSSV3.i/2060722.s.b/b2799.d

Date : 23-JUL-2006 01:30

Client ID: 20607200616

Instrument: MSSV3.i

Sample Info: 20607200616*4482*

Volume Injected (uL): 1.0

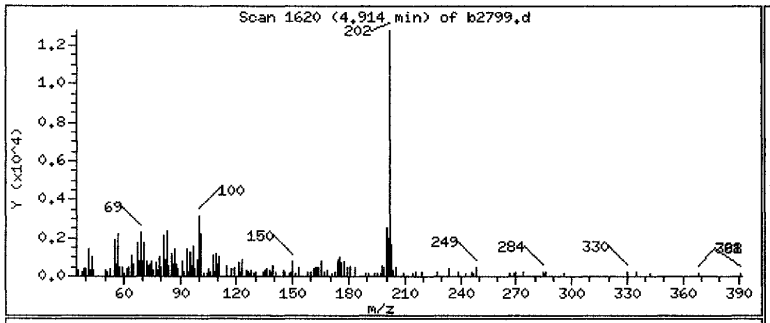
Operator: rrr

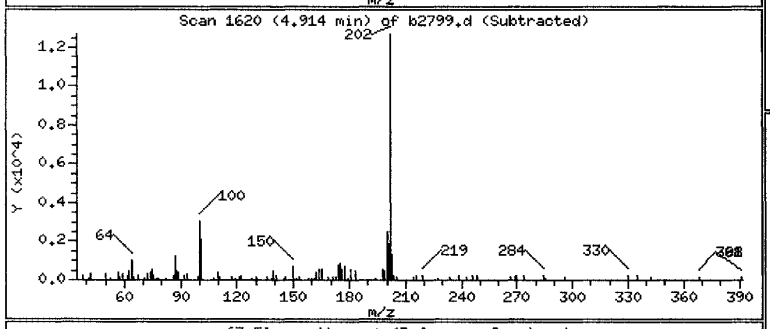
Column phase: RTX-5MS-30M

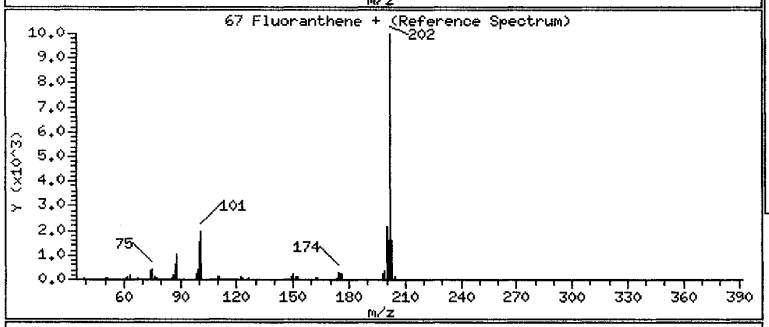
Column diameter: 0.25

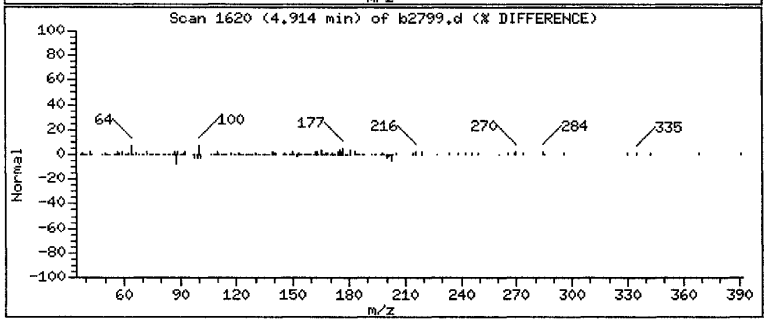
67 Fluoranthene +

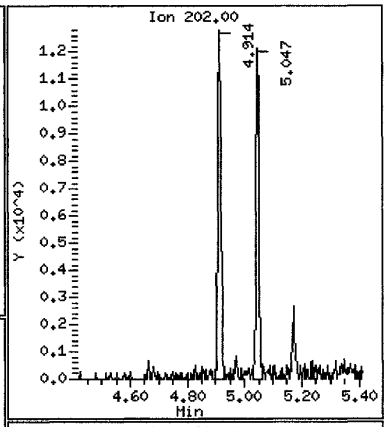
Concentration: 21.1 ug/Kg

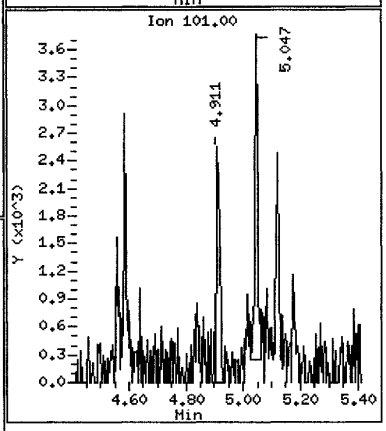












188973

Data File: /var/chem/MSSV3.i/2060722.s.b/b2799.d

Date : 23-JUL-2006 01:30

Client ID: 20607200616

Instrument: MSSV3.i

Sample Info: 20607200616*4482*

Volume Injected (uL): 1.0

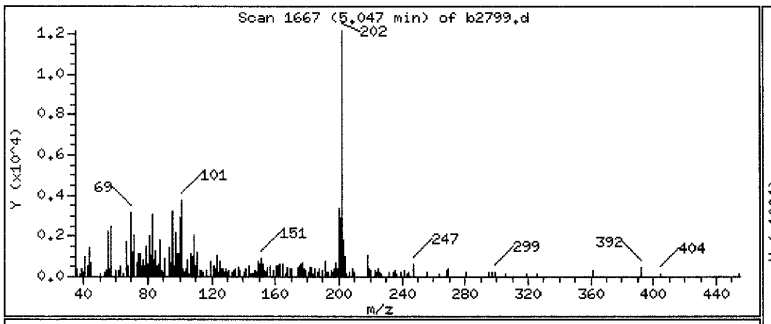
Operator: rrr

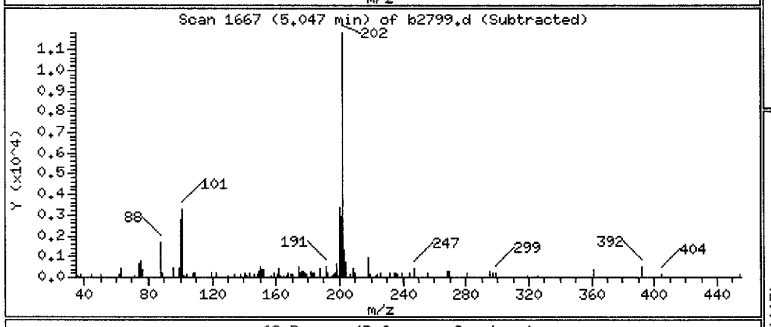
Column phase: RTX-5MS-30M

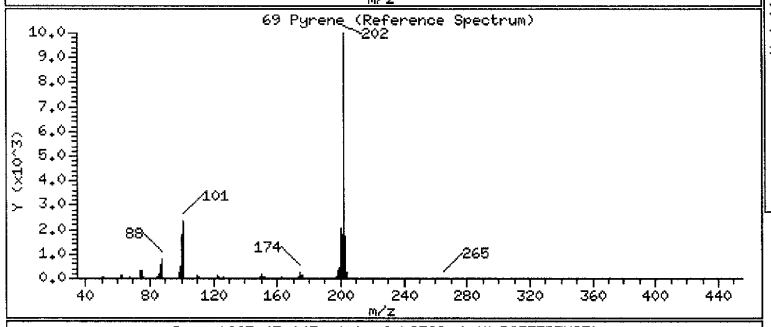
Column diameter: 0.25

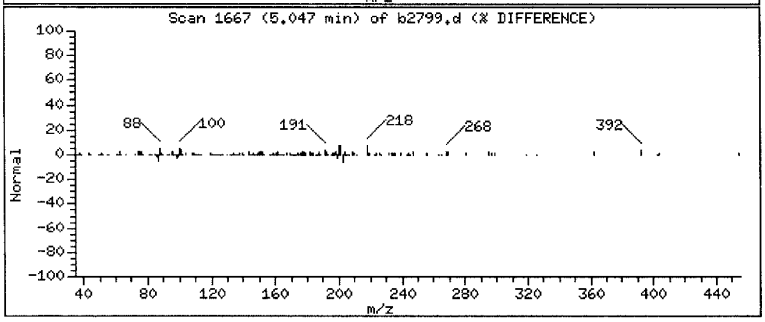
69 Pyrene

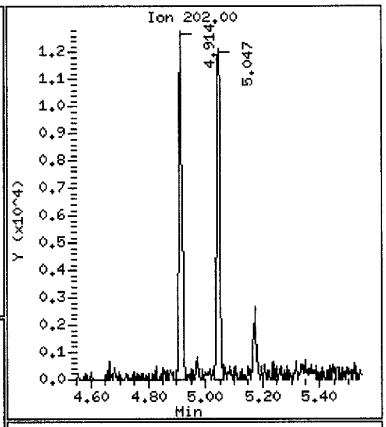
Concentration: 9.26 ug/Kg

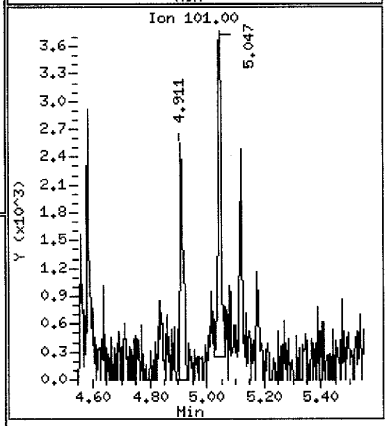












188974

Data File: /var/chem/MSSV3.i/20607200616.s.b/b2799.d

Date : 23-JUL-2006 01:30

Client ID: 20607200616

Instrument: MSSV3.i

Sample Info: 20607200616*4482*

Volume Injected (uL): 1.0

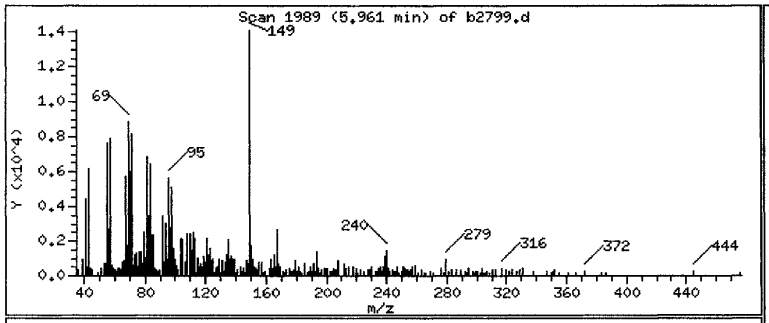
Operator: rrr

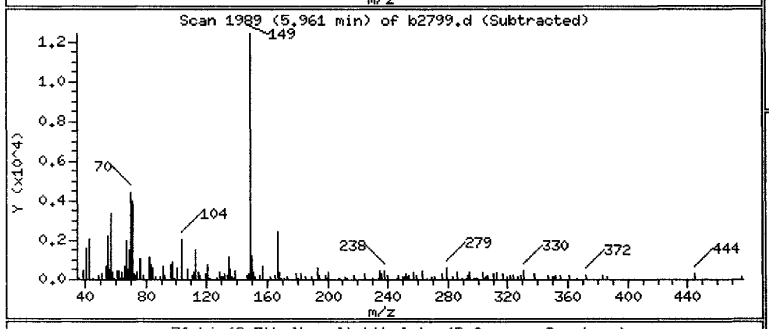
Column phase: RTX-5MS-30M

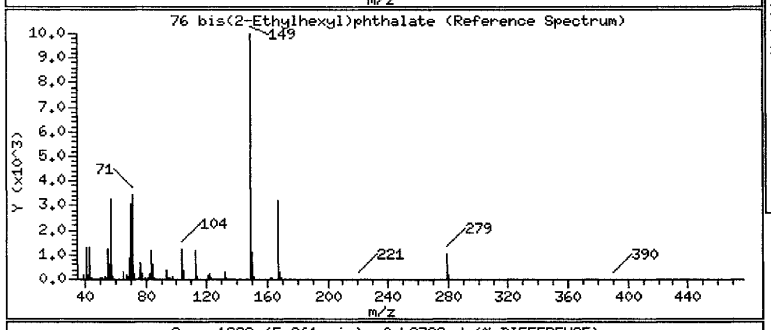
Column diameter: 0.25

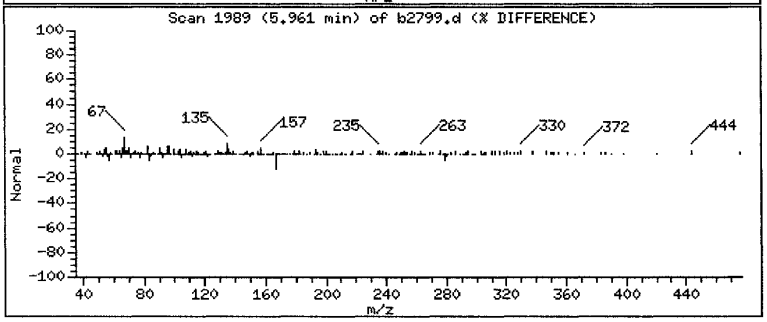
76 bis(2-Ethylhexyl)phthalate

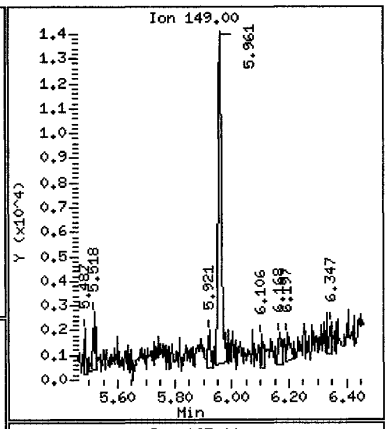
Concentration: 45.2 ug/Kg

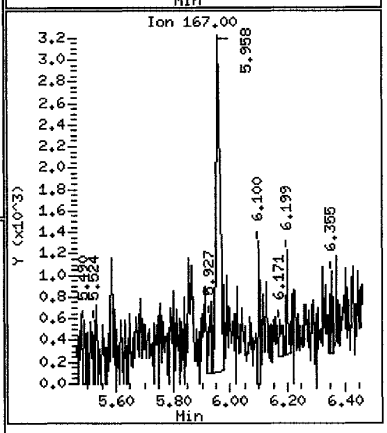












188975

Data File: /var/chem/MSSV3.i/2060722.s.b/b2799.d

Date : 23-JUL-2006 01:30

Client ID: 20607200616

Instrument: MSSV3.i

Sample Info: 20607200616*4482*

Volume Injected (uL): 1.0

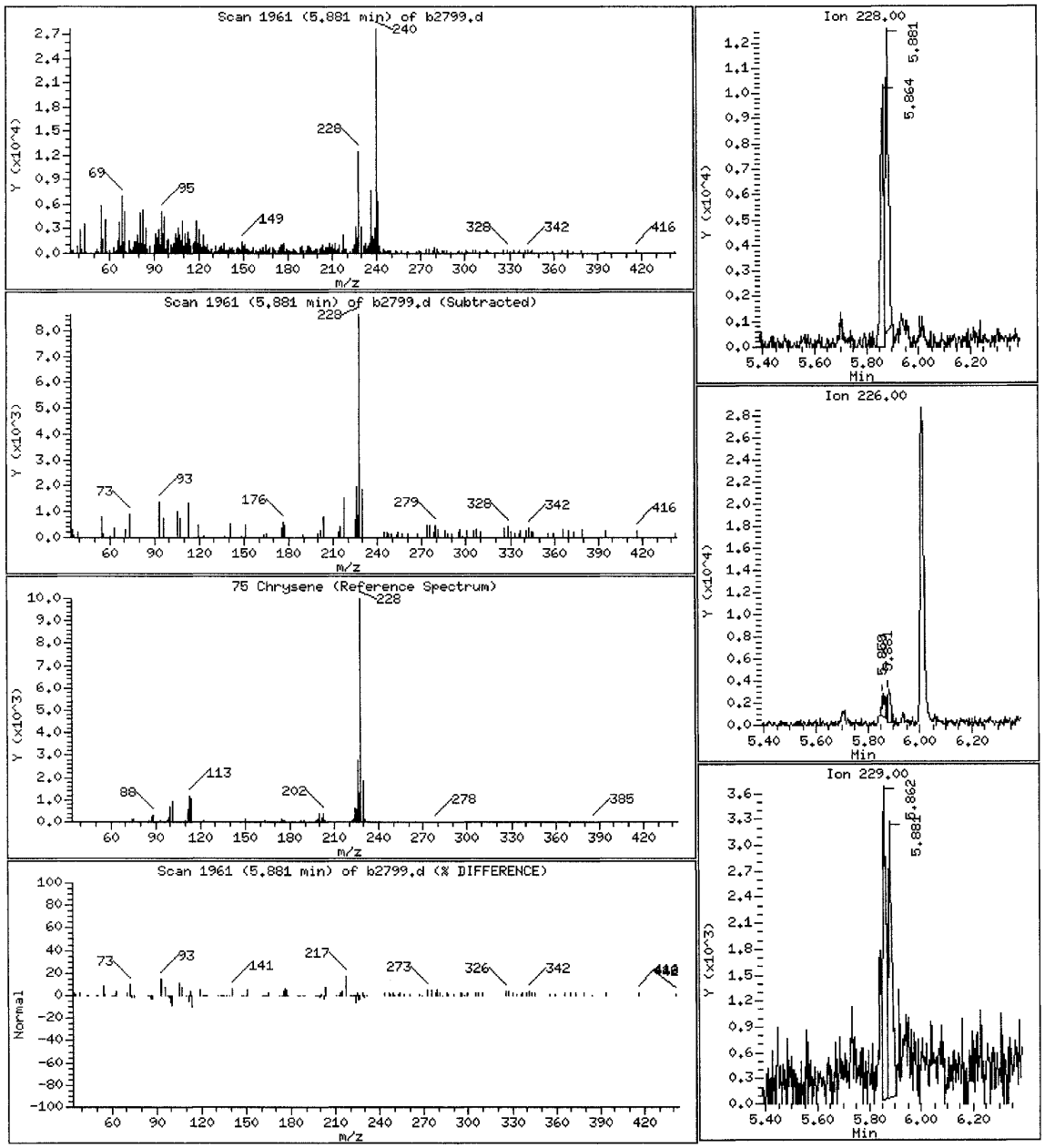
Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25

75 Chrysene

Concentration: 10.1 ug/Kg



188976

Data File: /var/chem/MSSV3.i/2060722.s.b/b2799.d

Date : 23-JUL-2006 01:30

Client ID: 20607200616

Instrument: MSSV3.i

Sample Info: 20607200616*4482*

Volume Injected (uL): 1.0

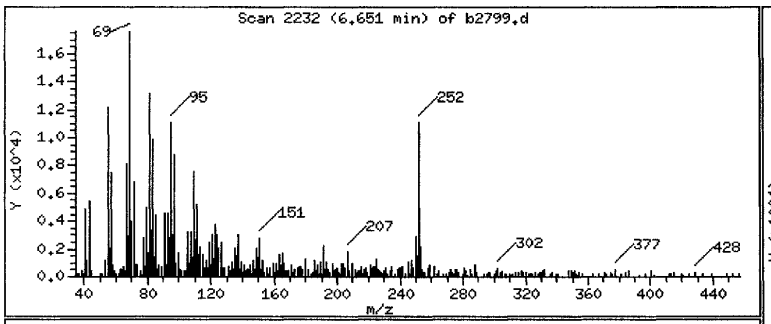
Operator: rrr

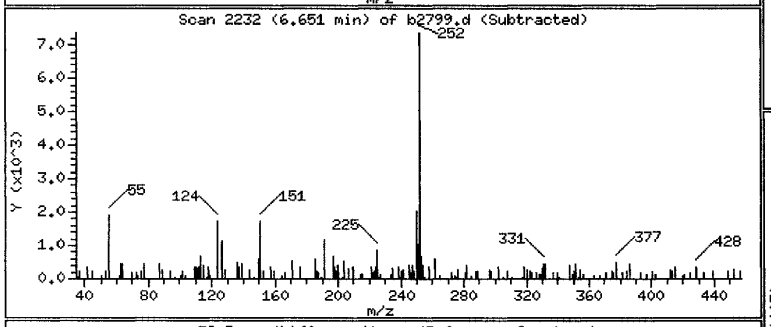
Column phase: RTX-5MS-30M

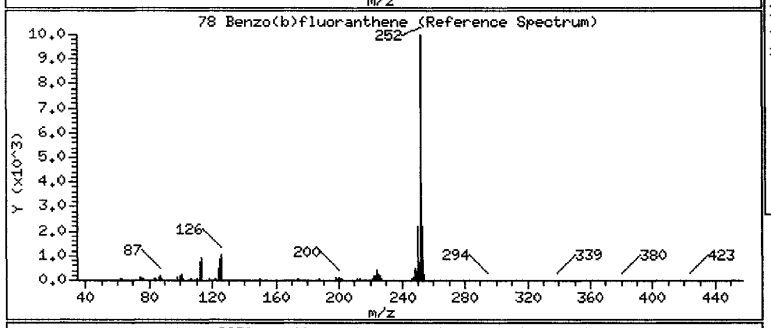
Column diameter: 0.25

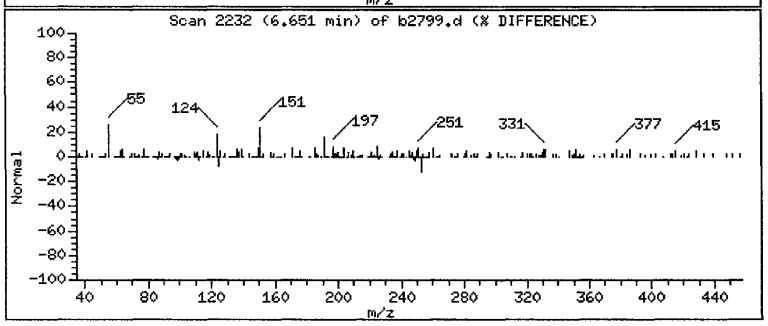
78 Benzo(b)fluoranthene

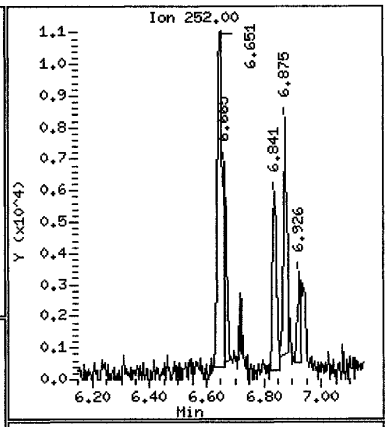
Concentration: 51.5 ug/Kg

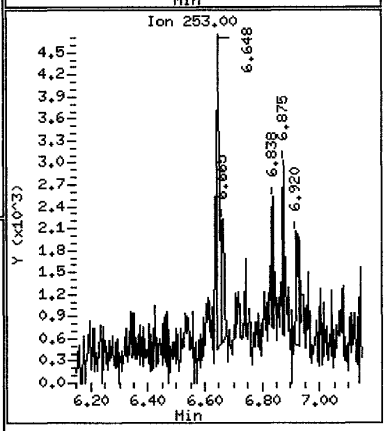












188977

Data File: /var/chem/MSSV3.i/2060722.s.b/b2799.d

Date : 23-JUL-2006 01:30

Client ID: 20607200616

Instrument: MSSV3.i

Sample Info: 20607200616*4482*

Volume Injected (uL): 1.0

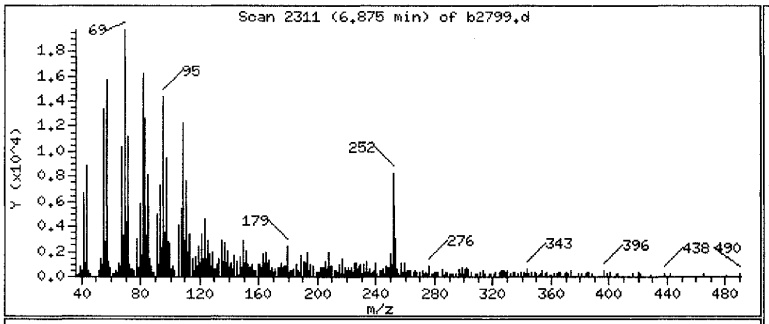
Operator: rrr

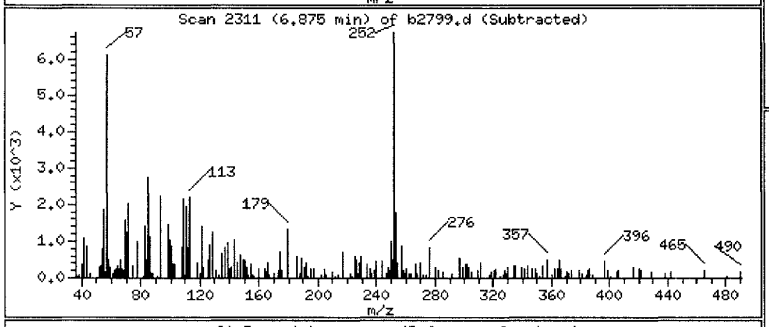
Column phase: RTX-5MS-30M

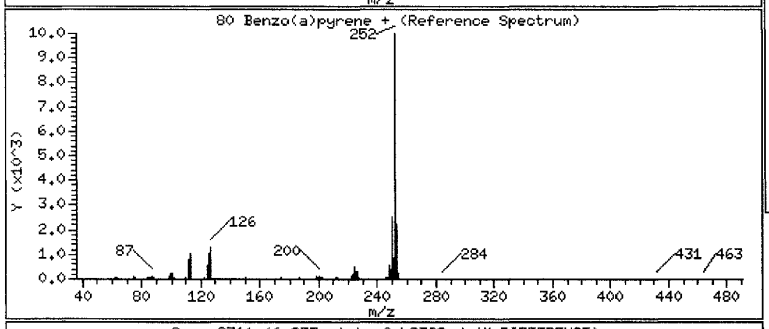
Column diameter: 0.25

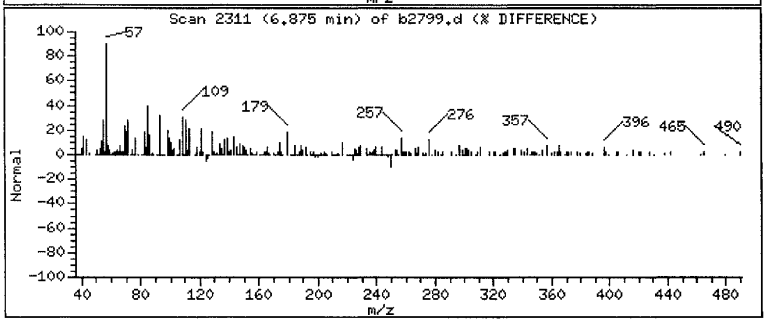
80 Benzo(a)pyrene +

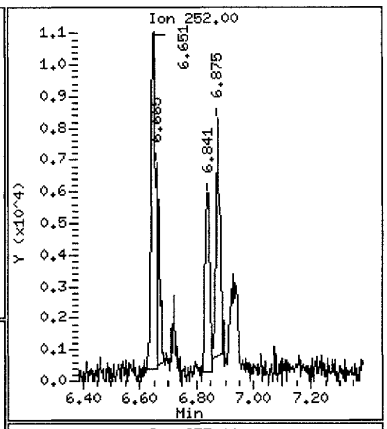
Concentration: 11.0 ug/Kg

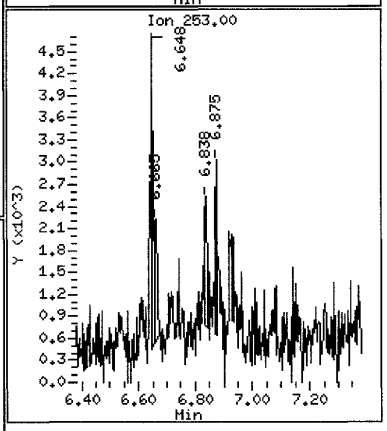










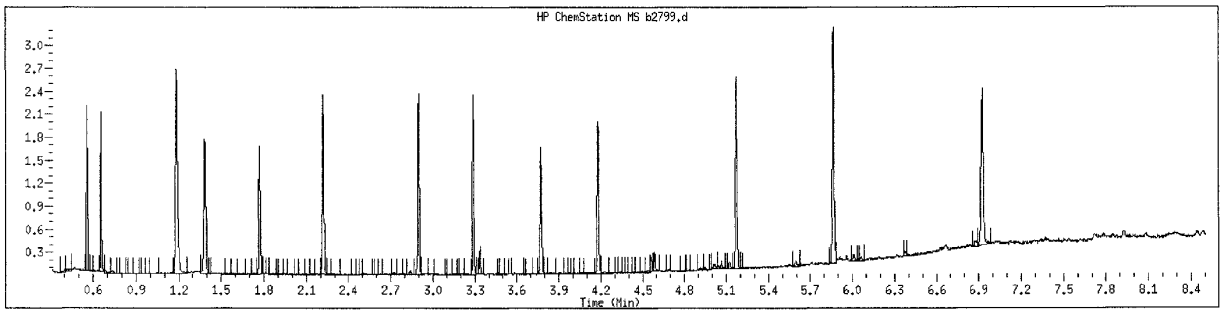


188978

Data file : /var/chem/MSSV3.i/2060722.s.b/b2799.d Page: 1
Report Date: 07/23/2006 11:23

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200616 SampleType : SAMPLE
Injection Date: 23-JUL-2006 01:30 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200616*4482*
Misc Info : 20607200616*MSSV~3839~*072006*30.3-1*328412*
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 1.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



NO MANUAL INTEGRATIONS

188979

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 11.9 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/kg*

Sample ID: SH5SB66-132-(1-2)
Contract:
Lab File ID: 2060722/B2800
Lab Sample ID: 20607200617
Date Collected: 07/18/06 Time: 1755
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/23/06 Time: 0145
Dilution Factor: 1 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	368	U	7.99	368
95-95-4	2,4,5-Trichlorophenol	368	U	7.49	368
88-06-2	2,4,6-Trichlorophenol	368	U	16.6	368
120-83-2	2,4-Dichlorophenol	368	U	9.61	368
51-28-5	2,4-Dinitrophenol	1860	U	63.1	1860
121-14-2	2,4-Dinitrotoluene	368	U	16.6	368
606-20-2	2,6-Dinitrotoluene	368	U	8.93	368
91-58-7	2-Chloronaphthalene	368	U	9.96	368
95-57-8	2-Chlorophenol	368	U	5.89	368
91-57-6	2-Methylnaphthalene	73.7	U	10.4	73.7
88-74-4	2-Nitroaniline	1860	U	24.2	1860
88-75-5	2-Nitrophenol	368	U	14.7	368
91-94-1	3,3'-Dichlorobenzidine	737	U	46.3	737
99-09-2	3-Nitroaniline	1860	U	10.2	1860
534-52-1	2-Methyl-4,6-dinitrophenol	1860	U	19.3	1860
59-50-7	4-Chloro-3-methylphenol	368	U	14.8	368
106-47-8	4-Chloroaniline	368	U	32.5	368
7005-72-3	4-Chlorophenyl-phenylether	368	U	9.80	368
83-32-9	Acenaphthene	73.7	U	9.60	73.7
208-96-8	Acenaphthylene	73.7	U	10.9	73.7
98-86-2	Acetophenone	368	U	7.92	368
62-53-3	Aniline	368	U	7.14	368
120-12-7	Anthracene	73.7	U	10.6	73.7
1912-24-9	Atrazine (Aatrex)	737	U	18.9	737
100-52-7	Benzaldehyde	737	U	28.2	737
92-87-5	Benzidine	1470	U	49.7	1470
56-55-3	Benzo(a)anthracene	73.7	U	9.82	73.7
50-32-8	Benzo(a)pyrene	73.7	U	9.76	73.7
205-99-2	Benzo(b)fluoranthene	368	U	6.83	368

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 11.9 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH5SB66-132-(1-2)
Contract:
Lab File ID: 2060722/B2800
Lab Sample ID: 20607200617
Date Collected: 07/18/06 Time: 1755
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/23/06 Time: 0145
Dilution Factor: 1 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	368	U	9.77	368
207-08-9	Benzo(k)fluoranthene	368	U	15.1	368
65-85-0	Benzoic acid	1860	U	172	1860
100-51-6	Benzyl alcohol	368	U	10.9	368
92-52-4	Biphenyl	368	U	10.8	368
111-91-1	Bis(2-Chloroethoxy)methane	368	U	12.7	368
111-44-4	Bis(2-Chloroethyl)ether	368	U	11.5	368
108-60-1	bis(2-Chloroisopropyl)ether	368	U	14.3	368
117-81-7	bis(2-ethylhexyl)phthalate	43.1	JB	9.93	73.7
101-55-3	4-Bromophenyl-phenylether	368	U	8.99	368
85-68-7	Butylbenzylphthalate	368	U	12.1	368
105-60-2	Caprolactam	368	U	76.3	368
86-74-8	Carbazole	368	U	9.52	368
218-01-9	Chrysene	368	U	8.62	368
84-74-2	Di-n-butylphthalate	368	U	27.6	368
117-84-0	Di-n-octylphthalate	368	U	8.02	368
53-70-3	Dibenz(a,h)anthracene	73.7	U	9.31	73.7
132-64-9	Dibenzofuran	368	U	13.7	368
84-66-2	Diethylphthalate	368	U	16.4	368
131-11-3	Dimethyl-phthalate	368	U	12.1	368
105-67-9	2,4-Dimethylphenol	368	U	25.0	368
206-44-0	Fluoranthene	18.5	J	10.8	368
86-73-7	Fluorene	73.7	U	9.47	73.7
118-74-1	Hexachlorobenzene	368	U	11.9	368
77-47-4	Hexachlorocyclopentadiene	368	U	7.99	368
67-72-1	Hexachloroethane	368	U	15.4	368
193-39-5	Indeno(1,2,3-cd)pyrene	368	U	15.7	368
78-59-1	Isophorone	368	U	9.39	368
100-01-6	4-Nitroaniline	1860	U	26.6	1860

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.5 Units: g

Level: (low/med) LOW

% Moisture: 11.9 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SH5SB66-132-(1-2)

Contract:

Lab File ID: 2060722/B2800

Lab Sample ID: 20607200617

Date Collected: 07/18/06 Time: 1755

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/23/06 Time: 0145

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	368	U	13.8	368
100-02-7	4-Nitrophenol	1860	U	48.4	1860
87-86-5	Pentachlorophenol	1860	U	95.9	1860
85-01-8	Phenanthrene	73.7	U	12.0	73.7
108-95-2	Phenol	368	U	12.0	368
129-00-0	Pyrene	368	U	11.6	368
110-86-1	Pyridine	368	U	22.1	368
1319-77-3M	m,p-Cresol	368	U	13.7	368
621-64-7	N-Nitroso-di-n-propylamine	73.7	U	9.96	73.7
62-75-9	N-Nitrosodimethylamine	368	U	48.1	368
86-30-6	N-Nitrosodiphenylamine	368	U	11.0	368
95-48-7	o-Cresol	368	U	15.0	368

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2800.d
Lab Smp Id: 20607200617 Client Smp ID: 20607200617
Inj Date : 23-JUL-2006 01:45
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200617*4482*
Misc Info : 20607200617*MSSV~3839~*072006*30.5-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.656	0.648	(0.473)	377136	110.813	3630(R)
$ 4 Phenol-d5	99	1.184	1.181	(0.853)	1299887	75.9443	2490
* 10 1,4-Dichlorobenzene-d4	152	1.388	1.386	(1.000)	229700	40.0000	
$ 19 Nitrobenzene-d5	82	1.771	1.777	(0.798)	792515	41.4249	1360
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	779364	40.0000	
$ 37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	525782	40.4282	1330
* 44 Acenaphthene-d10	164	3.290	3.293	(1.000)	379448	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.775	3.775	(1.148)	123943	65.1587	2140
* 61 Phenanthrene-d10	188	4.184	4.184	(1.000)	479948	40.0000	
62 Phenanthrene	178	4.198	4.198	(1.003)	4692	0.30709	10.1
67 Fluoranthene +	202	4.913	4.914	(1.174)	7279	0.49771	16.3

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 70 Terphenyl-d14	244	5.172	5.172	(0.881)	508064	22.1918	728
* 74 Chrysene-d12	240	5.870	5.867	(1.000)	986929	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.961	5.961	(1.015)	6522	1.16042	38.0
* 81 Perylene-d12	264	6.929	6.920	(1.000)	758265	40.0000	

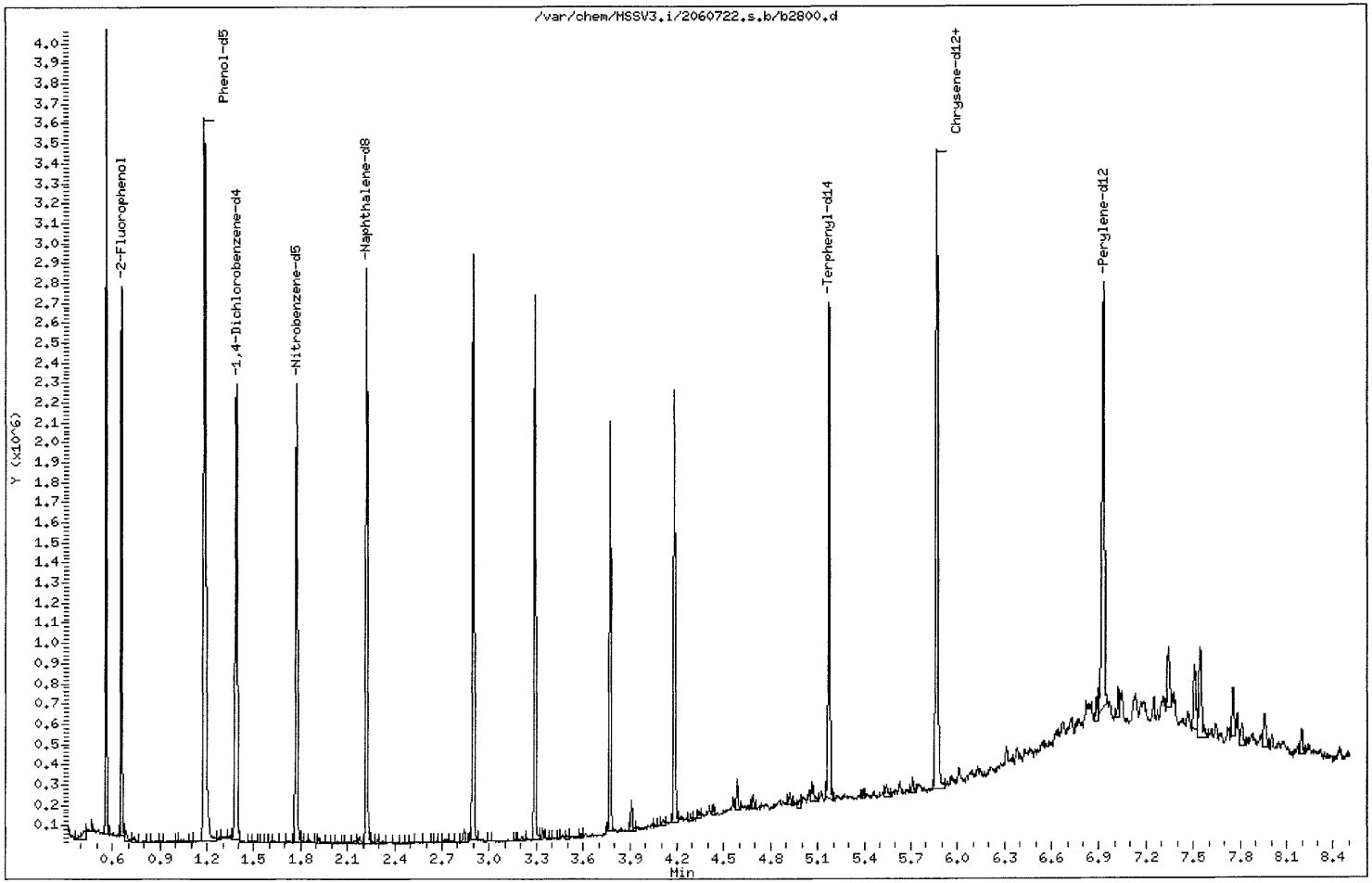
QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2800.d
Date : 23-JUL-2006 01:45
Client ID: 20607200617
Sample Info: 20607200617*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i
Operator: rrr
Column diameter: 0.25



Data File: /var/chem/MSSV3.i/2060722.s.b/b2800.d

Date : 23-JUL-2006 01:45

Client ID: 20607200617

Instrument: MSSV3.i

Sample Info: 20607200617*4482*

Volume Injected (uL): 1.0

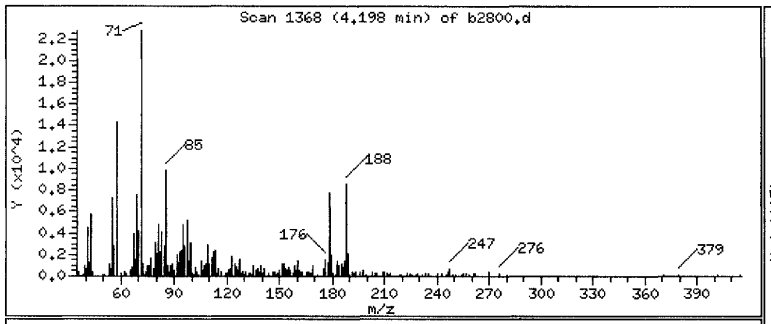
Operator: rrr

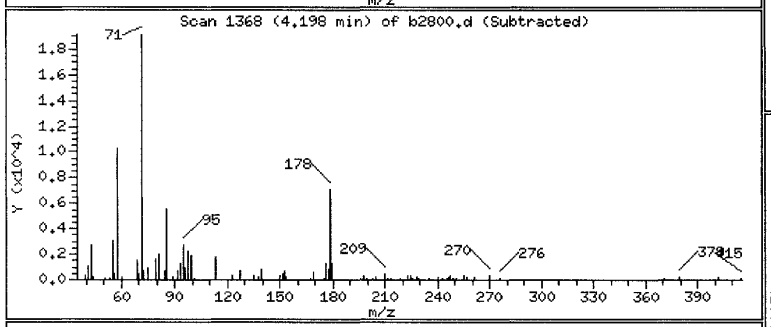
Column phase: RTX-5MS-30M

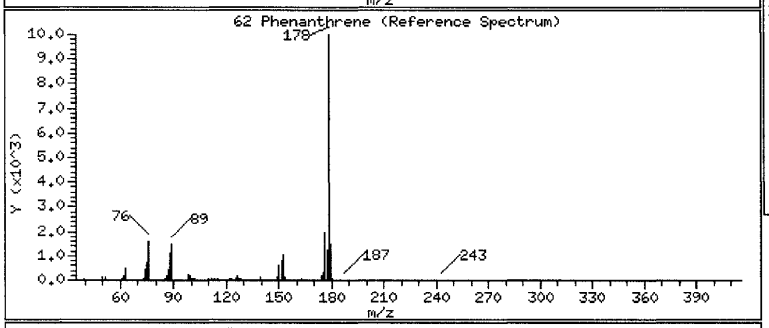
Column diameter: 0.25

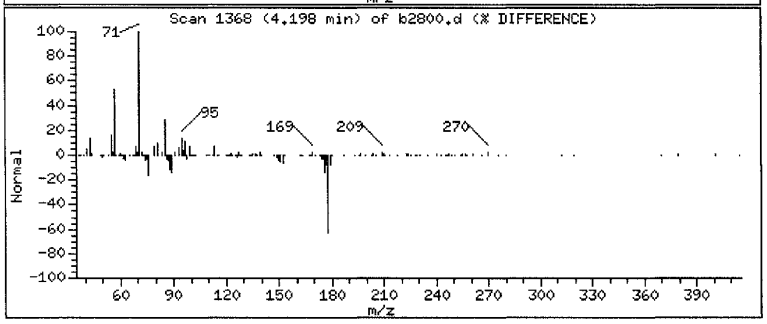
62 Phenanthrene

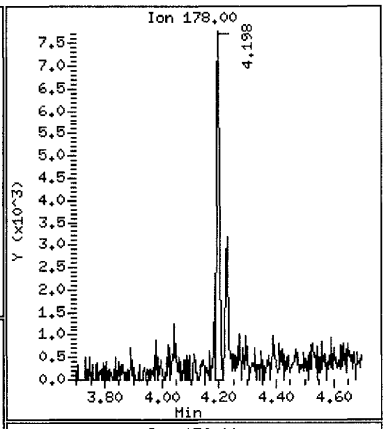
Concentration: 10.1 ug/Kg

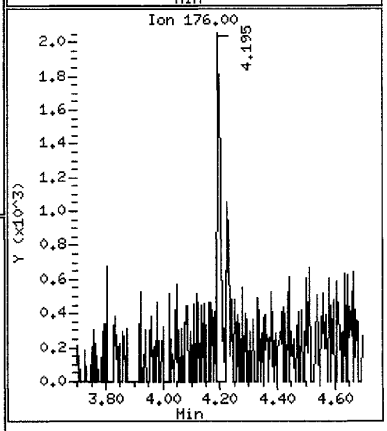












188986

Data File: /var/chem/MSSV3.i/2060722.s.b/b2800.d

Date : 23-JUL-2006 01:45

Client ID: 20607200617

Instrument: MSSV3.i

Sample Info: 20607200617*4482*

Volume Injected (uL): 1.0

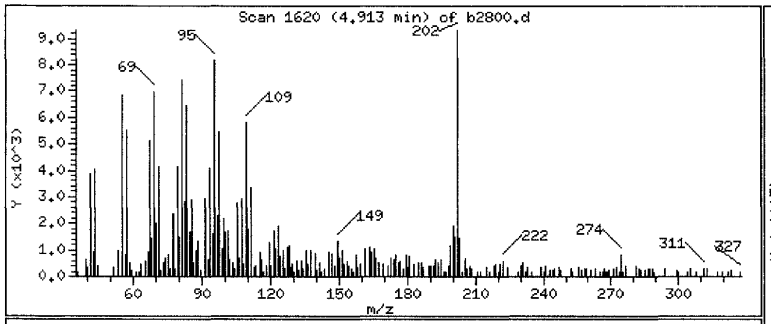
Operator: rrr

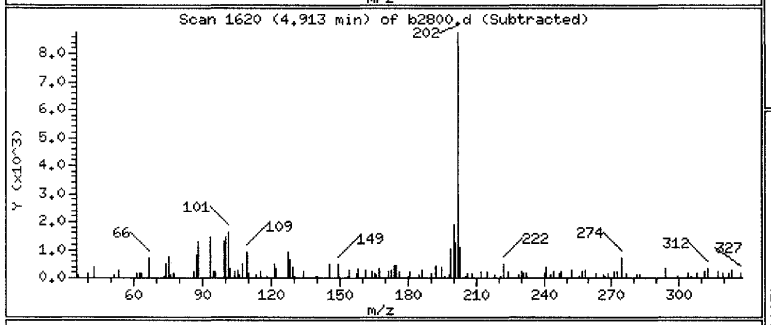
Column phase: RTX-5MS-30M

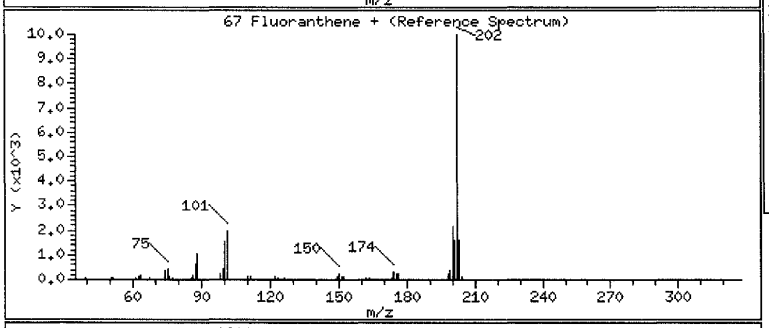
Column diameter: 0.25

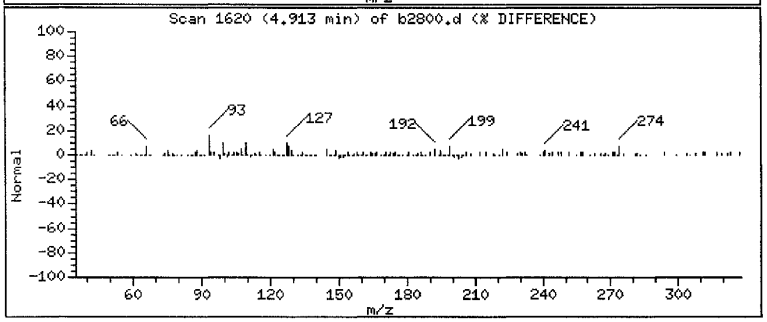
67 Fluoranthene +

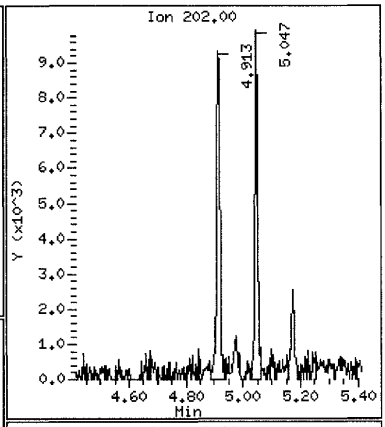
Concentration: 16.3 ug/Kg

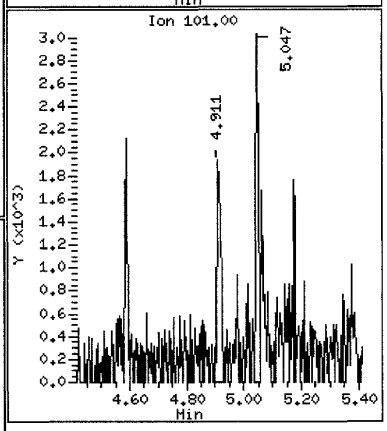












188987

Data File: /var/chem/MSSV3.i/2060722.s.b/b2800.d

Date : 23-JUL-2006 01:45

Client ID: 20607200617

Instrument: MSSV3.i

Sample Info: 20607200617*4482*

Volume Injected (uL): 1.0

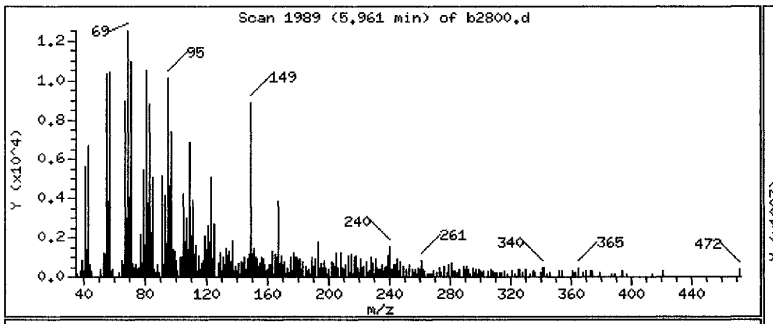
Operator: rrr

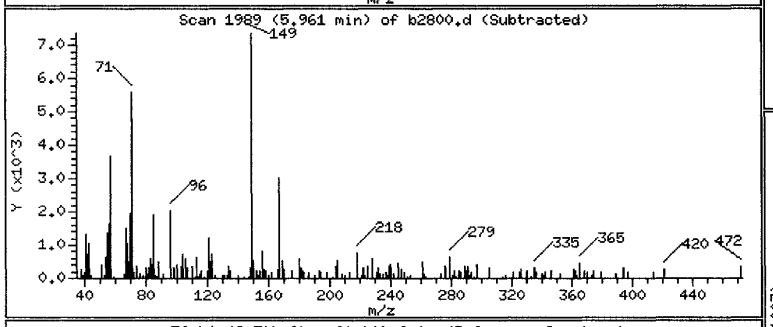
Column phase: RTX-5MS-30M

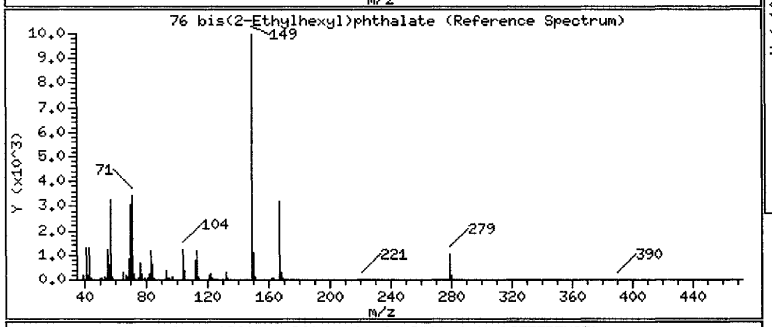
Column diameter: 0.25

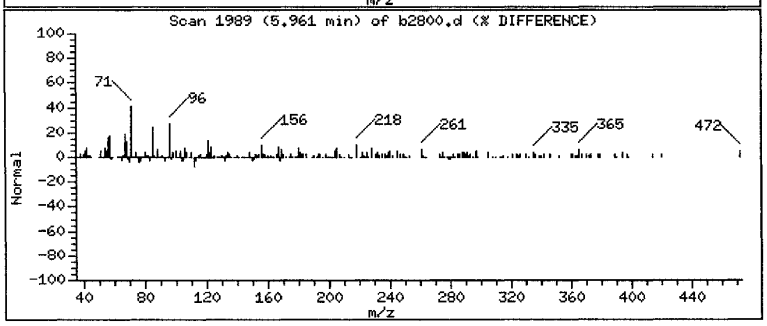
76 bis(2-Ethylhexyl)phthalate

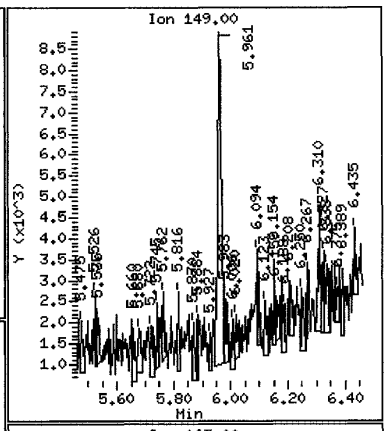
Concentration: 38.0 ug/Kg

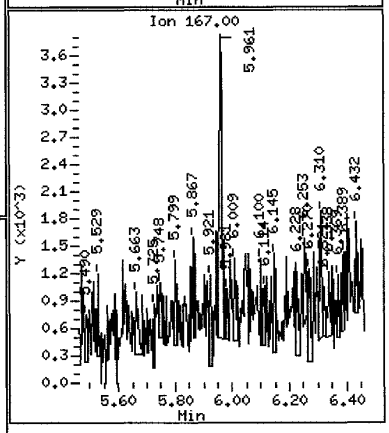










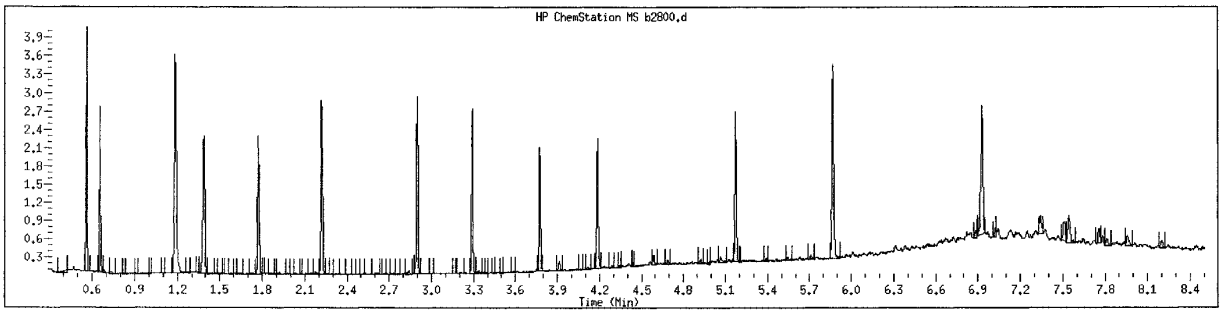


188988

Data file : /var/chem/MSSV3.i/2060722.s.b/b2800.d Page: 1
Report Date: 07/23/2006 11:24

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 20607200617	SampleType	: SAMPLE
Injection Date	: 23-JUL-2006 01:45	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 20607200617*4482*		
Misc Info	: 20607200617*MSSV~3839~*072006*30.5-1*328412*		
Method	: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

188989

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/L*

Sample ID: FB-503
Contract:
Lab File ID: 2060724/B2875
Lab Sample ID: 20607200622
Date Collected: 07/18/06 Time: 1845
Date Received: 07/20/06
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 1824
Dilution Factor: 1 Analyst: JAR3
Prep Method: 3510C
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	10.0	U	0.204	10.0
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.373	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.420	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.292	10.0
51-28-5	2,4-Dinitrophenol	50.0	U	2.18	50.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.400	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.354	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.326	10.0
95-57-8	2-Chlorophenol	10.0	U	0.321	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.216	10.0
88-74-4	2-Nitroaniline	50.0	U	0.981	50.0
88-75-5	2-Nitrophenol	10.0	U	0.378	10.0
91-94-1	3,3'-Dichlorobenzidine	20.0	U	0.307	20.0
99-09-2	3-Nitroaniline	50.0	U	0.293	50.0
534-52-1	2-Methyl-4,6-dinitrophenol	50.0	U	0.759	50.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.283	10.0
106-47-8	4-Chloroaniline	10.0	U	0.341	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.355	10.0
83-32-9	Acenaphthene	10.0	U	0.219	10.0
208-96-8	Acenaphthylene	10.0	U	0.258	10.0
98-86-2	Acetophenone	0.899	J	0.397	10.0
62-53-3	Aniline	10.0	U	0.340	10.0
120-12-7	Anthracene	2.00	U	0.350	2.00
1912-24-9	Atrazine (Aatrex)	20.0	U	0.473	20.0
100-52-7	Benzaldehyde	20.0	U	0.470	20.0
92-87-5	Benzidine	40.0	U	7.18	40.0
56-55-3	Benzo(a)anthracene	10.0	U	0.205	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.130	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.244	10.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: FB-503

Contract:

Lab File ID: 2060724/B2875

Lab Sample ID: 20607200622

Date Collected: 07/18/06 Time: 1845

Date Received: 07/20/06

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1824

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.199	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.278	10.0
65-85-0	Benzoic acid	50.0	U	1.00	50.0
100-51-6	Benzyl alcohol	10.0	U	0.265	10.0
92-52-4	Biphenyl	10.0	U	0.176	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.192	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.357	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.283	10.0
117-81-7	bis(2-ethylhexyl)phthalate	1.23	JB	0.585	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.393	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.356	10.0
105-60-2	Caprolactam	10.0	U	0.309	10.0
86-74-8	Carbazole	10.0	U	0.214	10.0
218-01-9	Chrysene	10.0	U	0.311	10.0
84-74-2	Di-n-butylphthalate	5.00	U	0.735	5.00
117-84-0	Di-n-octylphthalate	10.0	U	0.337	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.287	10.0
132-64-9	Dibenzofuran	10.0	U	0.228	10.0
84-66-2	Diethylphthalate	1.07	J	0.342	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.206	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	6.00	10.0
206-44-0	Fluoranthene	2.00	U	0.231	2.00
86-73-7	Fluorene	10.0	U	0.230	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.291	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	1.85	10.0
67-72-1	Hexachloroethane	5.00	U	1.45	5.00
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.240	10.0
78-59-1	Isophorone	10.0	U	0.271	10.0
100-01-6	4-Nitroaniline	50.0	U	0.821	50.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: FB-503

Contract:

Lab File ID: 2060724/B2875

Lab Sample ID: 20607200622

Date Collected: 07/18/06 Time: 1845

Date Received: 07/20/06

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1824

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	10.0	U	0.226	10.0
100-02-7	4-Nitrophenol	50.0	U	1.75	50.0
87-86-5	Pentachlorophenol	50.0	U	1.87	50.0
85-01-8	Phenanthrene	2.00	U	0.191	2.00
108-95-2	Phenol	10.0	U	0.132	10.0
129-00-0	Pyrene	2.00	U	0.234	2.00
110-86-1	Pyridine	10.0	U	3.65	10.0
1319-77-3M	m,p-Cresol	10.0	U	0.933	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.246	10.0
62-75-9	N-Nitrosodimethylamine	10.0	U	1.13	10.0
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.270	10.0
95-48-7	o-Cresol	10.0	U	0.240	10.0

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060724.s.b/b2875.d
Lab Smp Id: 20607200622 Client Smp ID: 20607200622
Inj Date : 24-JUL-2006 18:24
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 20607200622*4482*
Misc Info : 20607200622*MSSV~3842~*072006*1000-1*328467*
Comment :
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 20:23 jar3 Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
$ 3 2-Fluorophenol	112	0.639	0.639	(0.467)	129089	55.5895	55.6
$ 4 Phenol-d5	99	1.161	1.164	(0.849)	412100	35.2859	35.3
* 10 1,4-Dichlorobenzene-d4	152	1.368	1.371	(1.000)	156730	40.0000	
$ 19 Nitrobenzene-d5	82	1.757	1.763	(0.796)	600117	41.8314	41.8
* 28 Naphthalene-d8	136	2.209	2.212	(1.000)	584424	40.0000	
$ 37 2-Fluorobiphenyl	172	2.887	2.890	(0.881)	458810	36.0198	36.0
* 44 Acenaphthene-d10	164	3.279	3.282	(1.000)	371640	40.0000	
50 Diethylphthalate	149	3.579	3.585	(1.092)	12256	1.07389	1.07(aH)
$ 57 2,4,6-Tribromophenol	332	3.764	3.764	(1.148)	170825	91.6920	91.7
* 61 Phenanthrene-d10	188	4.173	4.176	(1.000)	642774	40.0000	
65 Di-n-butylphthalate	149	4.576	4.579	(1.097)	3886	0.21008	0.210(a)
$ 70 Terphenyl-d14	244	5.163	5.163	(0.882)	711666	44.4963	44.5
* 74 Chrysene-d12	240	5.853	5.859	(1.000)	689465	40.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
76 bis(2-Ethylhexyl)phthalate	149	5.952	5.955	(1.017)	5455	1.23026	1.23(a)
* 81 Perylene-d12	264	6.912	6.915	(1.000)	756151	40.0000	
91 Acetophenone	105	1.666	1.669	(1.218)	10981	0.89853	0.899(a)

QC Flag Legend

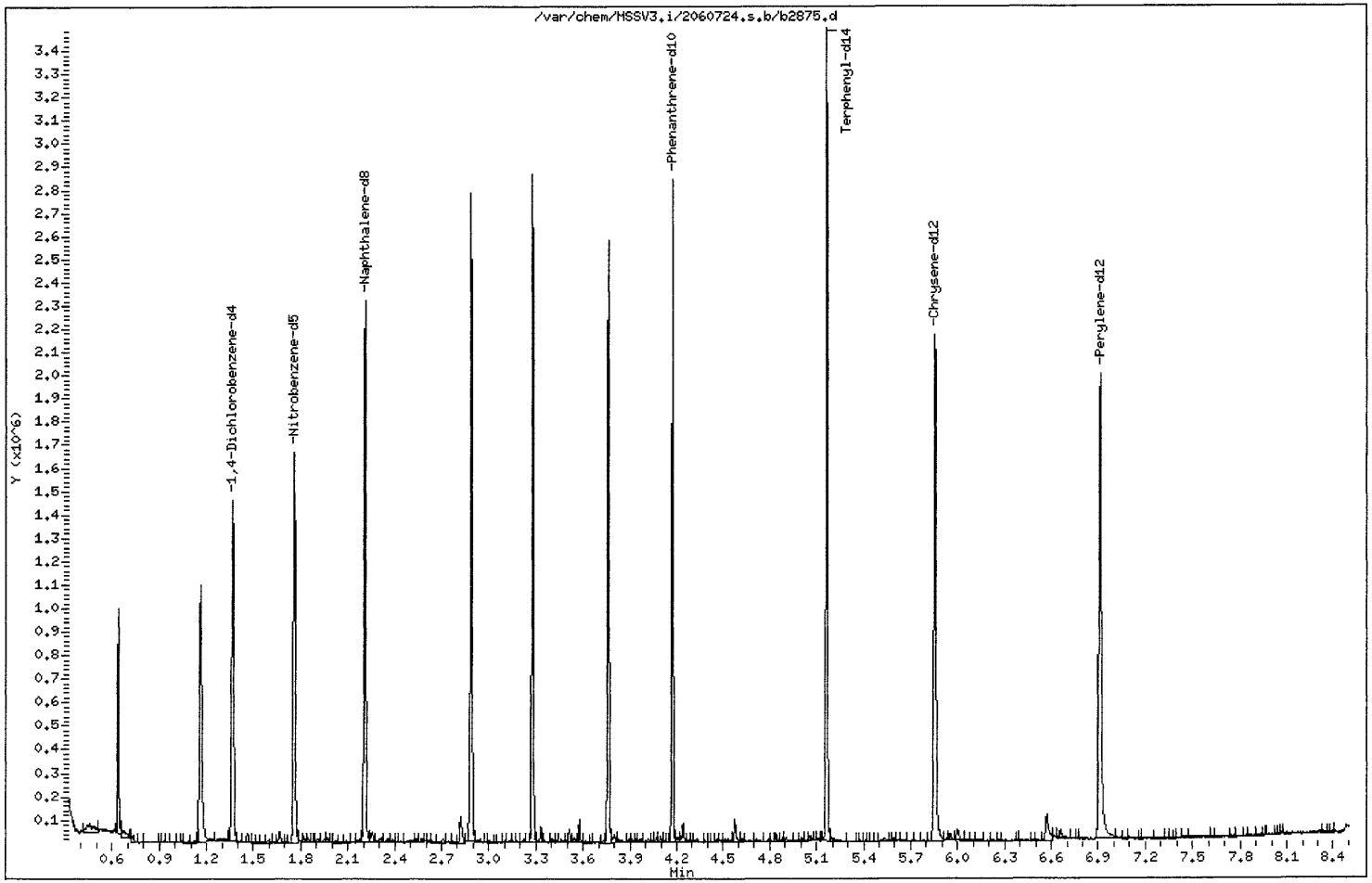
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060724.s.b/b2875.d
Date : 24-JUL-2006 18:24
Client ID: 20607200622
Sample Info: 20607200622*4482*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

Operator: jar3
Column diameter: 0.25



188995

Data File: /var/chem/MSSV3.i/2060724.s.b/b2875.d

Date : 24-JUL-2006 18:24

Client ID: 20607200622

Instrument: MSSV3.i

Sample Info: 20607200622*4482*

Volume Injected (uL): 1.0

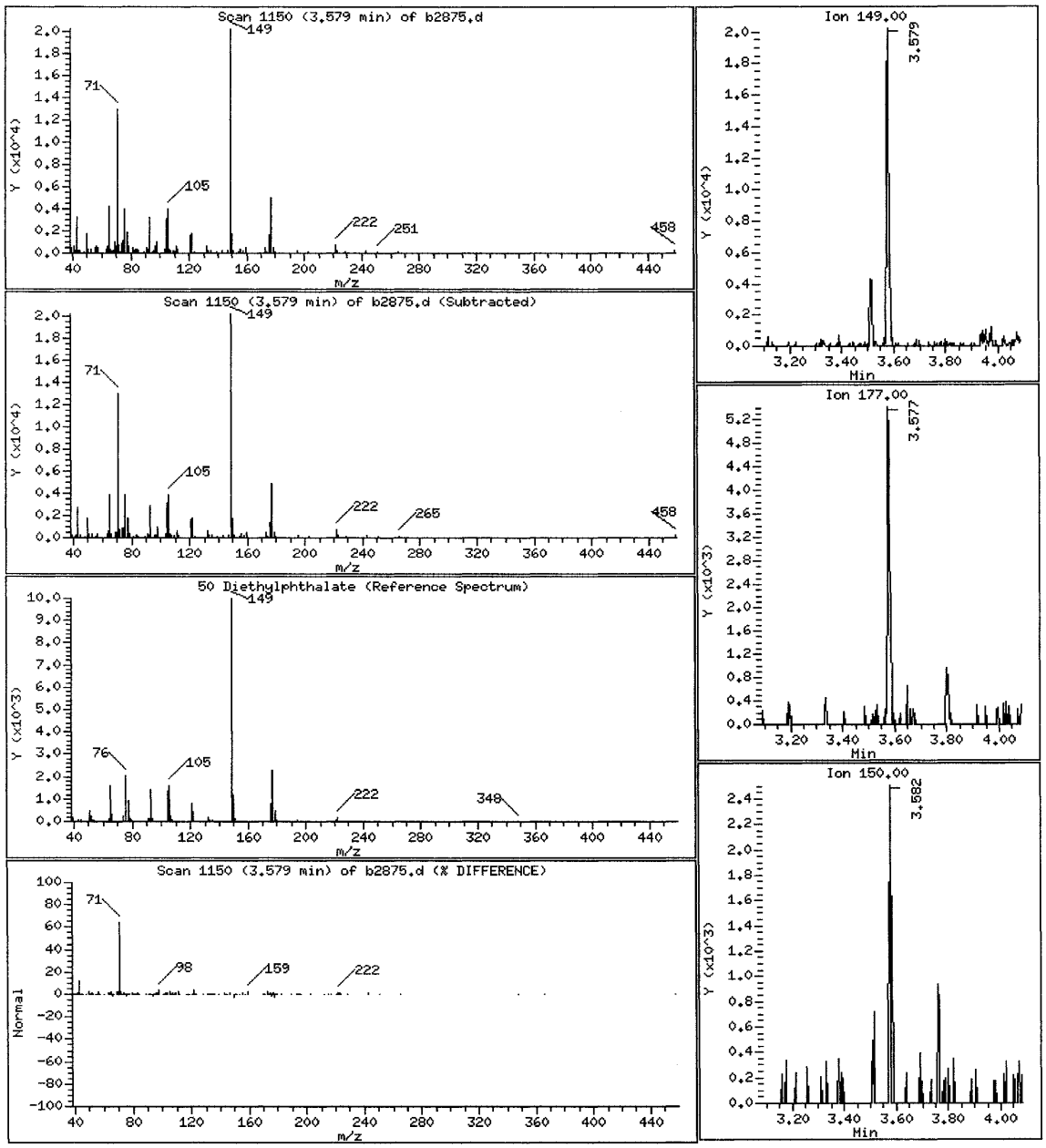
Operator: jar3

Column phase: RTX-5MS-30M

Column diameter: 0.25

50 Diethylphthalate

Concentration: 1.07 ug/L



001024

188996

Data File: /var/chem/MSSV3.i/20060724.s.b/b2875.d

Date : 24-JUL-2006 18:24

Client ID: 20607200622

Instrument: MSSV3.i

Sample Info: 20607200622*4482*

Volume Injected (uL): 1.0

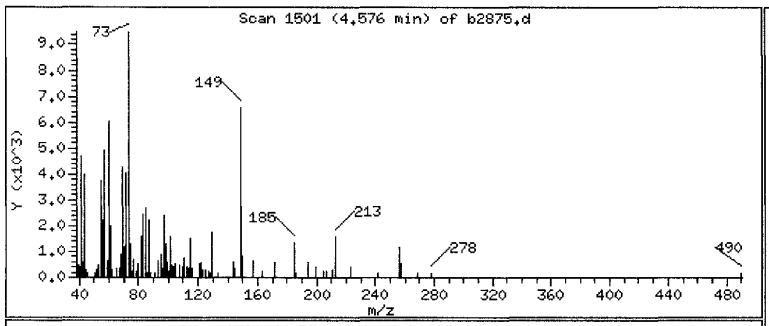
Operator: jar3

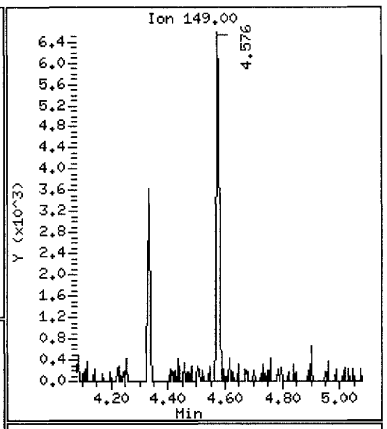
Column phase: RTX-5MS-30M

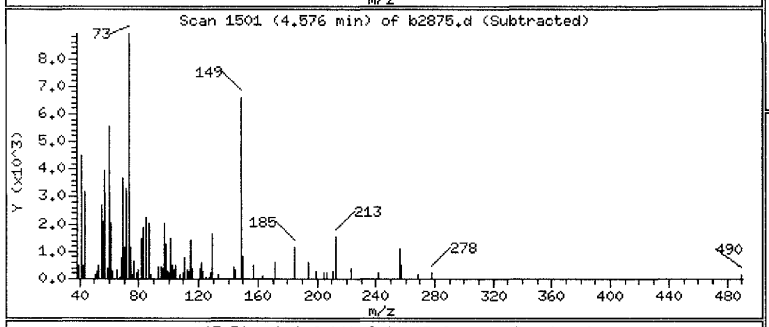
Column diameter: 0.25

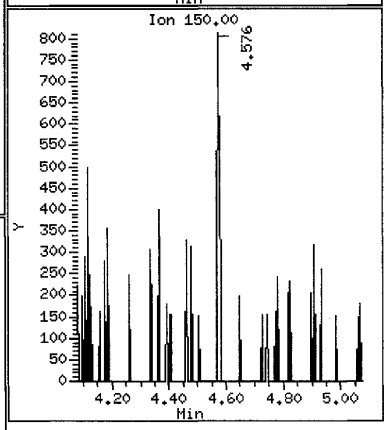
65 Di-n-butylphthalate

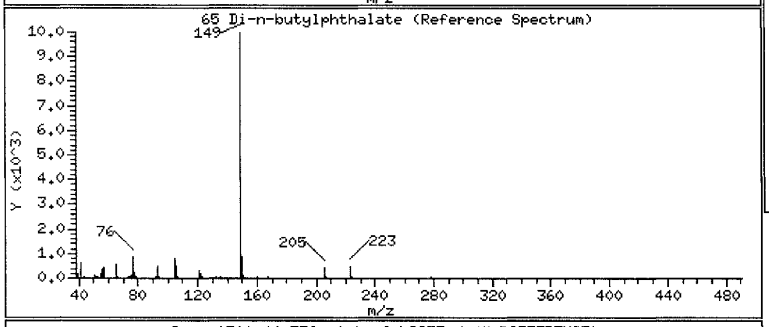
Concentration: 0.210 ug/L

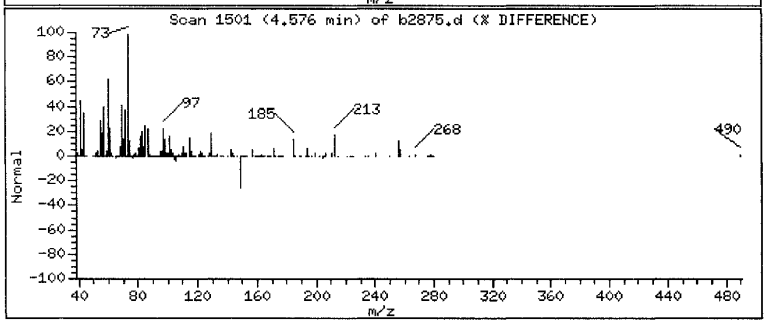












188997

Data File: /var/chem/MSSV3.i/2060724.s.b/b2875.d

Date : 24-JUL-2006 18:24

Client ID: 20607200622

Instrument: MSSV3.i

Sample Info: 20607200622*4482*

Volume Injected (uL): 1.0

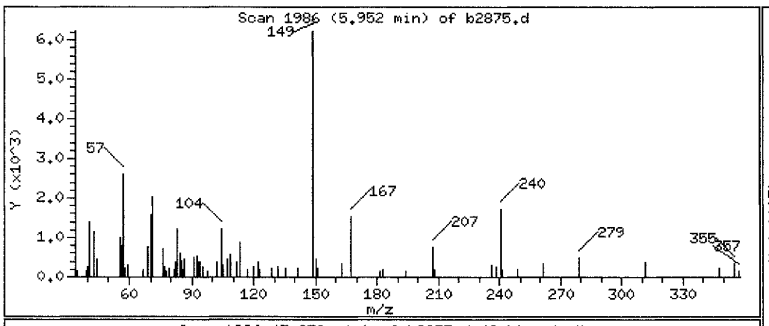
Operator: jar3

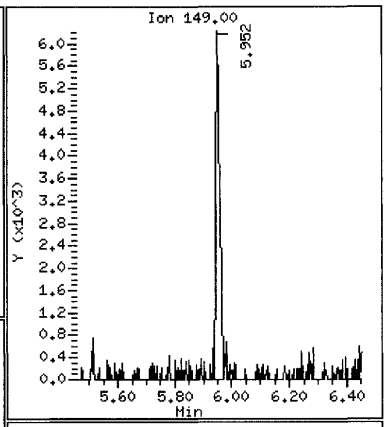
Column phase: RTX-5MS-30M

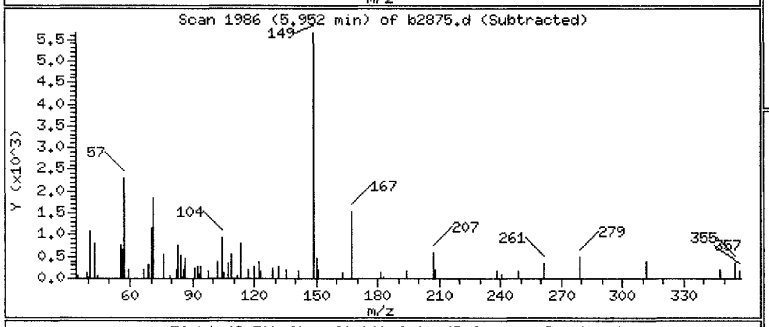
Column diameter: 0.25

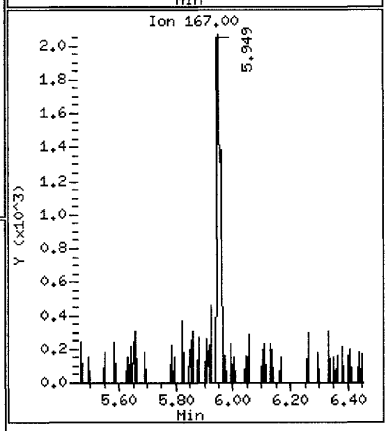
76 bis(2-Ethylhexyl)phthalate

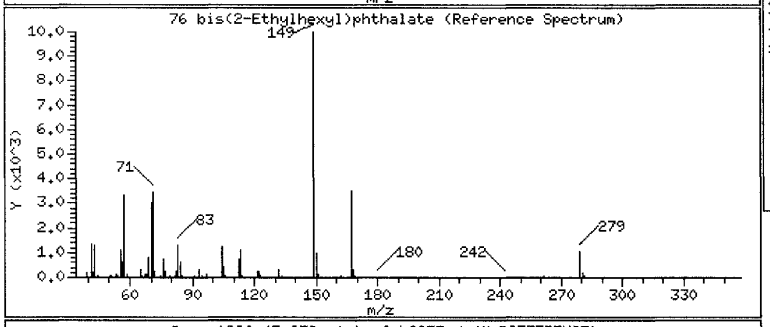
Concentration: 1.23 ug/L

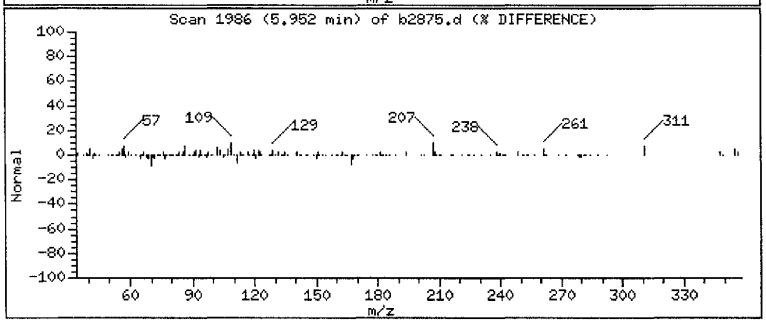












188998

Data File: /var/chem/MSSV3.i/2060724.s.b/b2875.d

Date : 24-JUL-2006 18:24

Client ID: 20607200622

Instrument: MSSV3.i

Sample Info: 20607200622*4482*

Volume Injected (uL): 1.0

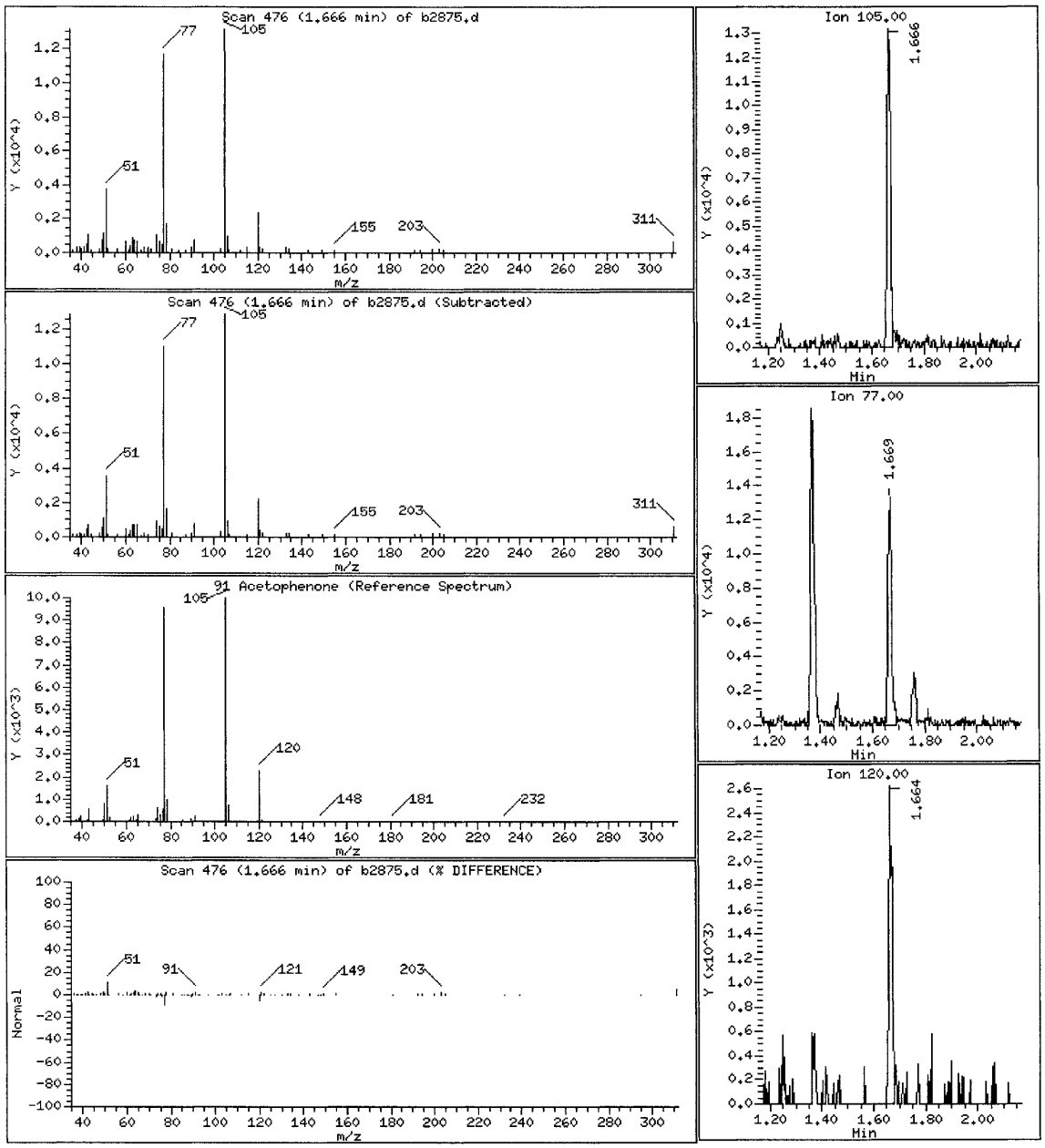
Operator: jar3

Column phase: RTX-5MS-30M

Column diameter: 0.25

91 Acetophenone

Concentration: 0.899 ug/L

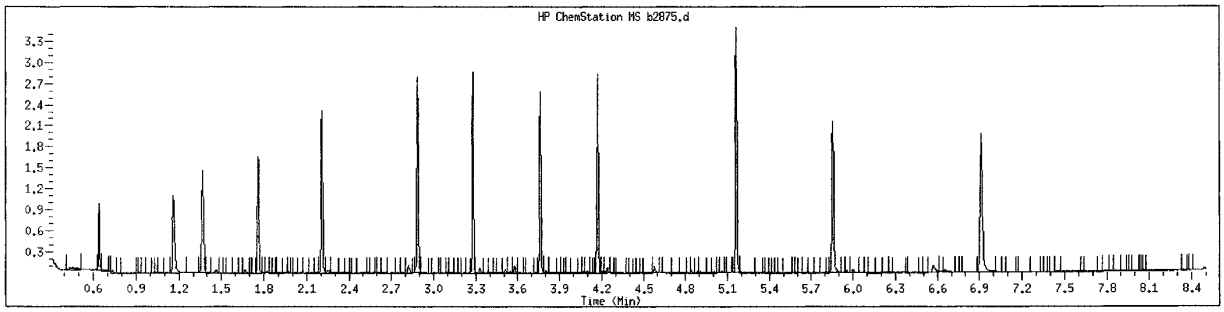


188999

Data file : /var/chem/MSSV3.i/2060724.s.b/b2875.d Page: 1
Report Date: 07/24/2006 20:32

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200622 SampleType : SAMPLE
Injection Date: 24-JUL-2006 18:24 Instrument : MSSV3.i
Operator : jar3
Sample Info : 20607200622*4482*
Misc Info : 20607200622*MSSV~3842~*072006*1000-1*328467*
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Dilution : 1.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: SA8270



NO MANUAL INTEGRATIONS

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Calibration File Names:
Level 1: /var/chem/MSSV3.i/2060720.s.b/b2547.d
Level 2: /var/chem/MSSV3.i/2060720.s.b/b2546.d
Level 3: /var/chem/MSSV3.i/2060720.s.b/b2545.d
Level 4: /var/chem/MSSV3.i/2060720.s.b/b2540.d
Level 5: /var/chem/MSSV3.i/2060720.s.b/b2539.d
Level 6: /var/chem/MSSV3.i/2060720.s.b/b2541.d
Level 7: /var/chem/MSSV3.i/2060720.s.b/b2542.d
Level 8: /var/chem/MSSV3.i/2060720.s.b/b2543.d
Level 9: /var/chem/MSSV3.i/2060720.s.b/b2544.d

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9								
1 n-Nitrosodimethylamine	+++++	+++++	+++++	0.13616	0.14771	0.14884					
	0.15856	0.15041	0.15805				AVRG		0.14996		5.47031
2 Pyridine	+++++	+++++	+++++	0.69678	0.49986	0.66276					
	0.68347	0.54850	0.54290				AVRG		0.60571		14.01258
5 Aniline	+++++	4.12575	3.89089	4.51380	4.04241	3.96518					
	3.76663	3.44191	3.20175				AVRG		3.86854		10.52099

001029

189001

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 klw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	b	Coefficients m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9								
6 Phenol +	4.13116	5.08575	5.04094	4.60101	4.12380	3.93841					
	3.85903	3.53299	*****				AVRG		4.28914		13.15676
7 bis(2-Chloroethyl)Ether	*****	*****	2.35682	2.15127	2.10980	2.03121					
	2.11717	1.97715	1.90452				AVRG		2.09256		6.94238
8 2-Chlorophenol	*****	*****	1.85377	1.85586	1.69448	1.63104					
	1.61678	1.52751	1.43713				AVRG		1.65951		9.43275
9 1,4-Dichlorobenzene	*****	*****	2.17943	2.00715	1.81908	1.81947					
	1.74362	1.77484	1.61958				AVRG		1.85188		9.98473
11 1,4-Dichlorobenzene +	*****	*****	2.11529	1.99577	1.77649	1.81238					
	1.78618	1.72360	1.63787				AVRG		1.83537		8.95274
12 Benzyl alcohol	*****	*****	1.92255	1.79590	1.63634	1.61699					
	1.64831	1.53778	1.47053				AVRG		1.66120		9.22071
13 1,2-Dichlorobenzene	*****	*****	2.17975	1.86078	1.71156	1.70158					
	1.68217	1.64628	1.57519				AVRG		1.76533		11.44799

001030

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	20 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
14 Bis(2-chloroisopro[illegible])ether	+++++	+++++	1.78090	1.69808	1.57898	1.54716					
	1.55355	1.44751	1.41980				AVRG		1.57514		8.16054
15 2-Methylphenol	+++++	2.99459	2.94736	2.76492	2.32538	2.25747					
	2.25693	2.20681	2.04796				AVRG		2.47518		14.87332
16 N-Nitroso-di-n-pro[illegible]amine++	2.31874	2.44484	2.62455	2.47525	2.22925	2.18766					
	2.20679	2.10593	1.85916				AVRG		2.27246		9.94833
17 3- & 4-Methylpheno[illegible]	+++++	+++++	+++++	2.74402	2.19925	2.16745					
	2.09345	1.98100	1.86875				AVRG		2.17565		13.97920
18 Hexachloroethane	1.08814	1.20369	1.04700	0.95309	0.86223	0.85459					
	0.86476	0.85673	0.80454				AVRG		0.94831		14.28305
20 Nitrobenzene	+++++	+++++	1.06844	1.05477	1.01004	0.97053					
	0.94775	0.90236	0.85945				AVRG		0.97333		7.92430
21 Isophorone	+++++	1.86625	1.98487	1.92548	1.66260	1.70383					
	1.57484	1.62629	1.65453				AVRG		1.74984		8.75642

001031

189003

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
22 2-Nitrophenol +	+++++	+++++	0.25997	0.26421	0.23935	0.22971					
	0.22140	0.21777	0.21062				AVRG		0.23472		8.86775
23 2,4-Dimethyphenol	+++++	+++++	0.74809	0.78355	0.70881	0.68449					
	0.64465	0.66192	0.63163				AVRG		0.69473		8.01560
24 bis(-2-Chloroethoxy)methane	+++++	1.07021	1.06255	1.01336	0.97298	0.93314					
	0.89480	0.87225	0.85077				AVRG		0.95876		8.83869
25 Benzoic Acid	+++++	+++++	+++++	0.20748	0.19987	0.23492					
	0.20964	0.21858	0.18351				AVRG		0.20900		8.28526
26 2,4-Dichlorophenol +	+++++	0.37974	0.44518	0.41284	0.34328	0.34366					
	0.33078	0.31350	0.32330				AVRG		0.36154		12.94340
27 1,2,4-Trichlorobenzene	+++++	+++++	0.47856	0.44821	0.40264	0.37741					
	0.36844	0.36648	0.37132				AVRG		0.40187		11.09578
29 Naphthalene	+++++	+++++	+++++	1.33278	1.19428	1.15046					
	1.08565	1.08088	1.08761				AVRG		1.15528		8.48219

001032

189004

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
30 4-Chloroaniline	+++++	0.39936	0.44741	0.47836	0.43720	0.43785					
	0.36585	0.35893	0.33091				AVRG		0.40698		12.61108
31 Hexachlorobutadiene +	+++++	0.35001	0.32850	0.28028	0.28687	0.27434					
	0.28038	0.27131	0.28998				AVRG		0.29521		9.63042
32 4-Chloro-3-Methylphenol +	+++++	0.58869	0.64682	0.61556	0.56807	0.57892					
	0.51977	0.51626	0.51339				AVRG		0.56843		8.67090
33 2-Methylnaphthalene	0.72194	0.84148	0.81447	0.85776	0.75056	0.72022					
	0.66376	0.66695	0.68578				AVRG		0.74699		9.94950
34 Hexachlorocyclopentadiene ++	+++++	+++++	0.47935	0.52065	0.51133	0.51132					
	0.57735	0.54230	0.56617				AVRG		0.52978		6.47083
35 2,4,6-Trichlorophenol +	+++++	0.46011	0.49310	0.51832	0.46824	0.45323					
	0.44042	0.44270	0.44498				AVRG		0.46514		5.91979
36 2,4,5-Trichlorphenol	+++++	0.49171	0.50263	0.50188	0.46561	0.48472					
	0.45467	0.43366	0.45468				AVRG		0.47369		5.33431

001033

189005

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
38 2-Chloronaphthalene	+++++	+++++	+++++	1.46960	1.18770	1.21134					
	1.18433	1.14535	1.18892				AVRG		1.23121		9.64275
39 2-Nitroaniline	+++++	0.38341	0.39069	0.41498	0.39384	0.39462					
	0.37063	0.37783	0.35545				AVRG		0.38518		4.63896
40 Dimethylphthalate	+++++	+++++	+++++	1.44195	1.29041	1.32580					
	1.24034	1.24197	1.24996				AVRG		1.29840		5.99792
41 2,6-Dinitrotoluene	+++++	+++++	0.28589	0.34943	0.33358	0.33354					
	0.30348	0.30079	0.29745				AVRG		0.31488		7.52014
42 Acenaphthylene	1.90592	2.20804	2.29288	2.18168	1.85780	1.85257					
	1.80081	1.74728	1.80428				AVRG		1.96125		10.53018
43 3-Nitroaniline	+++++	+++++	+++++	0.33152	0.28244	0.31405					
	0.28467	0.28234	0.27269				AVRG		0.29462		7.76686
45 Acenaphthene +	1.27920	1.47493	1.38115	1.38065	1.13579	1.18917					
	1.10388	1.14780	1.08094				AVRG		1.24150		11.46884

001034

189006

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
46 2,4-Dinitrophenol ++	+++++	+++++	1623	20042	128715	184870					
	239449	305828	415264				QUAD	0.08465	3.35029	0.42605	0.99708
47 Dibenzofuran	+++++	2.11504	2.08129	2.00357	1.73262	1.73286					
	1.63315	1.63001	1.60167				AVRG		1.81628		11.82352
48 2,4-Dinitrotoluene	+++++	+++++	0.43530	0.48915	0.44487	0.45933					
	0.41263	0.41559	0.41116				AVRG		0.43829		6.58061
49 4-Nitrophenol ++	+++++	+++++	+++++	0.30021	0.29609	0.34197					
	0.30957	0.33070	0.30358				AVRG		0.31369		5.87761
50 Diethylphthalate	+++++	+++++	+++++	1.30345	1.23135	1.27435					
	1.18063	1.20395	1.17644				AVRG		1.22836		4.20376
51 Fluorene	1.68275	1.54513	1.50586	1.64077	1.34070	1.37888					
	1.30008	1.30524	1.31280				AVRG		1.44580		10.42776
52 4-Chlorophenyl phenylether	+++++	+++++	0.73985	0.78332	0.65697	0.67780					
	0.63667	0.66554	0.62372				AVRG		0.68341		8.44061

001035

189007

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
53 4-Nitroaniline	+++++	+++++	0.25328	0.35255	0.30114	0.31703					
	0.27035	0.29394	0.26505				AVRG		0.29333		11.69529
54 4,6-Dinitro-o-cresol	+++++	+++++	+++++	0.20253	0.21031	0.19672					
	0.19253	0.19712	0.17760				AVRG		0.19613		5.58314
55 N-nitrosodiphenylamine (1,+	+++++	0.61935	0.65001	0.62894	0.59098	0.54318					
	0.52012	0.51553	0.50245				AVRG		0.57132		10.13586
56 Azobenzene	+++++	1.82308	1.94428	1.88044	1.66178	1.52771					
	1.56060	1.59383	1.51118				AVRG		1.68786		10.10681
58 4-Bromophenyl-phenylether	+++++	+++++	0.25279	0.24848	0.21956	0.20130					
	0.21950	0.20391	0.20650				AVRG		0.22172		9.49034
59 Hexachlorobenzene	+++++	0.36544	0.35337	0.33301	0.28384	0.26111					
	0.26848	0.26812	0.27683				AVRG		0.30128		14.04189
60 Pentachlorophenol +	+++++	+++++	0.11903	0.18949	0.19029	0.18441					
	0.18472	0.19174	0.17998				AVRG		0.17709		14.64211

001036

189008

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
62 Phenanthrene	1.43314	1.56556	1.43959	1.38712	1.22381	1.14592					
	1.09737	1.08222	1.08557				AVRG		1.27337		14.50596
63 Anthracene	1.31623	1.32555	1.36408	1.41067	1.27915	1.18309					
	1.15473	1.15230	1.13490				AVRG		1.25785		8.22200
64 Carbazole	+++++	1.10118	0.98376	1.10642	1.02078	0.94807					
	0.94477	0.96271	0.86250				AVRG		0.99127		8.32698
65 Di n butylphthalate	1.13513	1.22254	1.10391	1.19251	1.18872	1.12952					
	1.15274	1.15447	1.08074				AVRG		1.15114		3.90267
M 66 Total Methylphenol	+++++	+++++	+++++	2.75447	2.26232	2.21246					
	2.17519	2.09391	1.95836				AVRG		2.24278		12.14156
67 Fluoranthene	1.13280	1.31896	1.20459	1.32240	1.21772	1.21904					
	1.22636	1.18136	1.14676				AVRG		1.21889		5.42758
68 Benzidine	502	3645	6827	6234	202175	284212					
	+++++	+++++	+++++				QUAD	0.00862	2.12539	4.04011	0.99968

001027

189009

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_0[illegible].m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9								
69 Pyrene	1.37231	1.45085	1.51530	1.37648	1.44[illegible]2	1.22300					
	1.27334	1.22766	1.19308				AVRG		1.34239		8.72219
71 Butylbenzylphthalate	+++++	+++++	0.44676	0.54320	0.55864	0.51341					
	0.55204	0.53407	0.51110				AVRG		0.52275		7.27985
72 Benzo(a)anthracene	1.61729	1.33061	1.31512	1.19033	1.22985	1.25400					
	1.25361	1.26310	1.26539				AVRG		1.30214		9.62149
73 3,3'-Dichlorobenzidine	0.30050	0.39284	0.39362	0.43575	0.39320	0.40040					
	0.37607	0.38586	0.36159				AVRG		0.38220		9.57438
75 Chrysene	1.22577	1.41389	1.48840	1.48483	1.37105	1.35892					
	1.35282	1.30556	1.29186				AVRG		1.36590		6.36450
76 bis(2-Ethylhexyl)phthalate	1019	7490	15153	105654	497654	771976					
	1011033	1323947	1700329				QUAD	0.02016	1.33862	0.06486	0.99863
77 Di-n-octylphthalate +	+++++	+++++	+++++	0.98013	1.13661	1.18587					
	1.20709	1.18717	1.14392				AVRG		1.14013		7.27667

001038

189010

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 20 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
78 Benzo(b)fluoranthene	1450	8979	27704	125131	749840	1410126					
	1942271	2410386	2919612				LINR	0.02429	1.15817		0.99802
79 Benzo(k)fluoranthene	2478	14351	42498	239046	1154011	1840875					
	2093516	2895266	3476400				QUAD	-0.00950	0.64384	0.01672	0.99662
80 Benzo(a)pyrene +	0.60737	0.72843	0.80772	1.02629	1.30199	1.26009					
	1.21187	1.26932	1.36587				AVRG		1.05322		25.72006
82 Indeno(1,2,3 cd)pyrene	817	4748	20442	154144	1033503	1785177					
	2282663	3140881	4202921				QUAD	0.04599	0.63280	0.00031	0.99882
83 Dibenzo(a,h)anthracene	614	7041	18890	122843	795746	1385971					
	1894025	2533496	3376939				LINR	0.08008	1.26294		0.99740
84 Benzo(g,h,i)perylene	1661	13267	32682	164086	940478	1633541					
	2020460	2773823	3741081				QUAD	-0.00812	0.83317	0.01713	0.99916
85 2 Picoline	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-

001039

189011

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	120 Level 7	160 Level 8	200 Level 9									
86 N Nitrosomethylethylamine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
87 Methyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
88 N-Nitrosodiethylamine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
89 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
90 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
91 Acetophenone	+++++	+++++	3.69072	3.34135	2.99710	3.02769						
	3.07051	2.92291	2.78280				AVRG		3.11901		9.73651	
92 O-Toluidine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-

001040

189012

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	120 Level 7	160 Level 8	200 Level 9									
93 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
94 N-Nitrosopiperidine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
95 0,0,0-Triethylphosphorothioat	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
96 Alpha,Alpha-Dimethylphenethyl	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
97 Hexachloropropene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
98 2,6-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
99 N-Nitrosodi-n-butylamine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-

001041

189013

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Coefficients Curve	b	m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9								
100 p-Phenylenediamine	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
101 Isosafrole	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
102 1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
103 Safrole	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
104 1,4-Naphthoquinone	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
105 m-Dinitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
106 Pentachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-

001042

189014

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.1/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	120 Level 7	160 Level 8	200 Level 9									
107 2 Napthylamine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
108 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
109 1 Naphthylamine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
110 Thionazin	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
111 5 Nitro-o-toluidine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
112 Tetraethyldithiopyrophosphate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
113 Diallate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-

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189015

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	120 Level 7	160 Level 8	200 Level 9									
114 Phorate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
115 sym-Trinitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
116 Phenacetin	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
117 Dimethoate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
118 Pentachloronitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
119 4-Aminobiphenyl	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
120 Pronamide	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<

001044

189016

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m2	%RSD or R^2	
	120 Level 7	160 Level 8	200 Level 9								
121 Dinoseb	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00	0.000e+00	<-
122 Disulfoton	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00	0.000e+00	<-
123 Methyl parathion	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00	0.000e+00	<-
124 4-Nitroquinoline-1-oxide	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00	0.000e+00	<-
125 Parathion	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00	0.000e+00	<-
126 Metapyrilene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00	0.000e+00	<-
127 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00	0.000e+00	<-

001045

189017

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
128 Aramite	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
129 p-(Dimethylamino)azobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
130 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
131 Famphur	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
132 3,3'-Dimethyl benzidine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
133 2-Acetylaminofluorene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
134 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-

970100

189018

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
135 Hexachlorophene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
136 3-Methyl cholanthrene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
137 Acrylamide	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
138 N-Nitrosopyrrolidine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
139 Pthalic Acid & Anhydride	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
140 1,4-Dinitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
141 Kepone	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-

001067

189019

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
142 4,4Methylenebis2chloroanaline	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
143 Tris2,3Dibromopropylphosphate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
144 Maleic Anhydride	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
145 1-Methylnapthalene	+++++	+++++	0.71694	0.69304	0.60982	0.59950						
	0.57156	0.54352	0.56321				AVRG		0.61394		10.80853	
M 146 Total Methylnapthalene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
147 N-methyldiethanolamine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
148 A-Terpineol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<

001048

189020

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	120 Level 7	160 Level 8	200 Level 9									
149 3/4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
151 2,3-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
152 2,5-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
153 3,4-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
154 Dimethyl Benzyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
155 Benzaldehyde	+++++	8471	5084	99830	353840	328307						
	392072	414471	+++++				QUAD	0.09232	0.32134	0.67627	0.99725	
156 Caprolactam	+++++	+++++	0.14322	0.16892	0.17625	0.18670						
	0.15981	0.13060	0.13602				AVRG		0.15736		13.55350	

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189021

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9								
157 Biphenyl	+++++	+++++	0.99435	0.91393	0.77656	0.75271					
	0.68626	0.69556	0.71427				AVRG		0.79052		14.97684
158 Atrazine	0.18733	0.19128	0.20097	0.22013	0.20382	0.20515					
	0.20542	0.20612	0.20029				AVRG		0.20228		4.63779
159 Dicyclopentadiene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
169 Benzenethiol	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
170 Indene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
171 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00
172 Methyl Chrysene	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00

001050

189022

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	120 Level 7	160 Level 8	200 Level 9									
173 Dibenz(a,h)acridine	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
174 1,4-Dioxane	+++++	+++++	0.29025	0.24392	0.21524	0.20398						
	0.23164	0.20811	0.19123				AVRG		0.22634		14.66347	
175 2,4and/or2,6-Diaminotoluene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
185 2,3and/or3,4 Diaminotoluene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
176 4-t-Butyl Phenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
177 1,2,3,4-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
178 2-Phenyl Phenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-

001051

189023

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1 / 120 Level 7	1 Level 2 / 160 Level 8	2 Level 3 / 200 Level 9	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
179 Ronnel	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
180 Hexabromobenzene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
181 Tolylene 2,6 Diisocyanate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
182 Tolylene 2,4 Diisocyanate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
183 Tolylene 2,5 diisocyanate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
M 184 Tolylene Diisocyanate	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<
186 Benzothiazole	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-

001052

189024

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9								
187 2 3H Benzothiazolone	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
188 2 3H Benzothiazolethione	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <
189 2 tet-Butyl-4-methylphenol	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <
190 Methylbenzothiazole	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
191 2,3,4-Trichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
192 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <-
193 3,4,5-Trichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00 <

001053

189025

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	120 Level 7	160 Level 8	200 Level 9									
194 Diphenyl Ether	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
195 2,5/2,4-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
196 2,3,4,5-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
197 Dimethylformamide	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
198 4,4-Isopropylidene	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++	+++++				AVRG		0.000e+00		0.000e+00	<-
$ 3 2-Fluorophenol	+++++	+++++	0.62603	0.59794	0.57043	0.58895						
	0.61162	0.57918	0.57446				AVRG		0.59266		3.45897	
$ 4 Phenol-d5	+++++	+++++	3.41329	3.42247	3.07646	2.91864						
	2.79612	2.71793	2.51957				AVRG		2.98064		11.54975	

001054

189026

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9								
$ 19 Nitrobenzene-d5	+++++	+++++	1.06191	1.04694	1.00609	0.97196					
	0.93692	0.93117	0.91827				AVRG		0.98190		5.87432
$ 37 2-Fluorobiphenyl	+++++	+++++	+++++	1.57113	1.34797	1.36538					
	1.36685	1.25712	1.31739				AVRG		1.37097		7.75192
$ 57 2,4,6-Tribromophenol	+++++	+++++	+++++	0.21791	0.19390	0.20473					
	0.19108	0.19602	0.19948				AVRG		0.20052		4.85787
$ 70 Terphenyl-d14	+++++	+++++	+++++	0.98880	0.99968	0.88889					
	0.89306	0.89210	0.90485				AVRG		0.92790		5.58136

001055

189027

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2006 11:02
End Cal Date : 20-JUL-2006 09:35
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Cal Date : 10-Aug-2006 08:02 rlw

Average %RSD Results.	
Calculated Average %RSD =	9.43861
Maximum Average %RSD =	15.00000
* Passed Average %RSD Test.	

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

001056

189028

GCAL, Inc.

Data file : /var/chem/MSSV3.i/2060720.s.b/b2538.d
Lab Smp Id: 1100 Client Smp ID: DFTPP
Inj Date : 20-JUL-2006 07:20
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1100*4-39-13
Misc Info : DFTPP*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/dftpp_03.m
Meth Date : 05-Jul-2006 10:49 jar3 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
4.422	4.491	-0.069	198	185941			100.00- 100.00	100.00
4.422	4.491	-0.069	51	69178			30.00- 60.00	37.20
4.422	4.491	-0.069	68	0			0.00- 2.00	0.00
4.422	4.491	-0.069	69	124721			0.00- 0.00	67.08
4.422	4.491	-0.069	70	817			0.00- 2.00	0.66
4.422	4.491	-0.069	127	94589			40.00- 60.00	50.87
4.422	4.491	-0.069	197	0			0.00- 1.00	0.00
4.422	4.491	-0.069	199	13729			5.00- 9.00	7.38
4.422	4.491	-0.069	275	51805			10.00- 30.00	27.86
4.422	4.491	-0.069	365	6923			1.00- 0.00	3.72
4.422	4.491	-0.069	441	25240			0.01- 99.99	74.98
4.422	4.491	-0.069	442	176725			40.00- 100.00	95.04

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp (continued)								
4.422	4.491	-0.069	443	33664			17.00- 23.00	19.05

Data File: /var/chem/MSSV3.i/2060720.s.b/b2538.d

Date : 20-JUL-2006 07:20

Client ID: DFTPP

Instrument: MSSV3.i

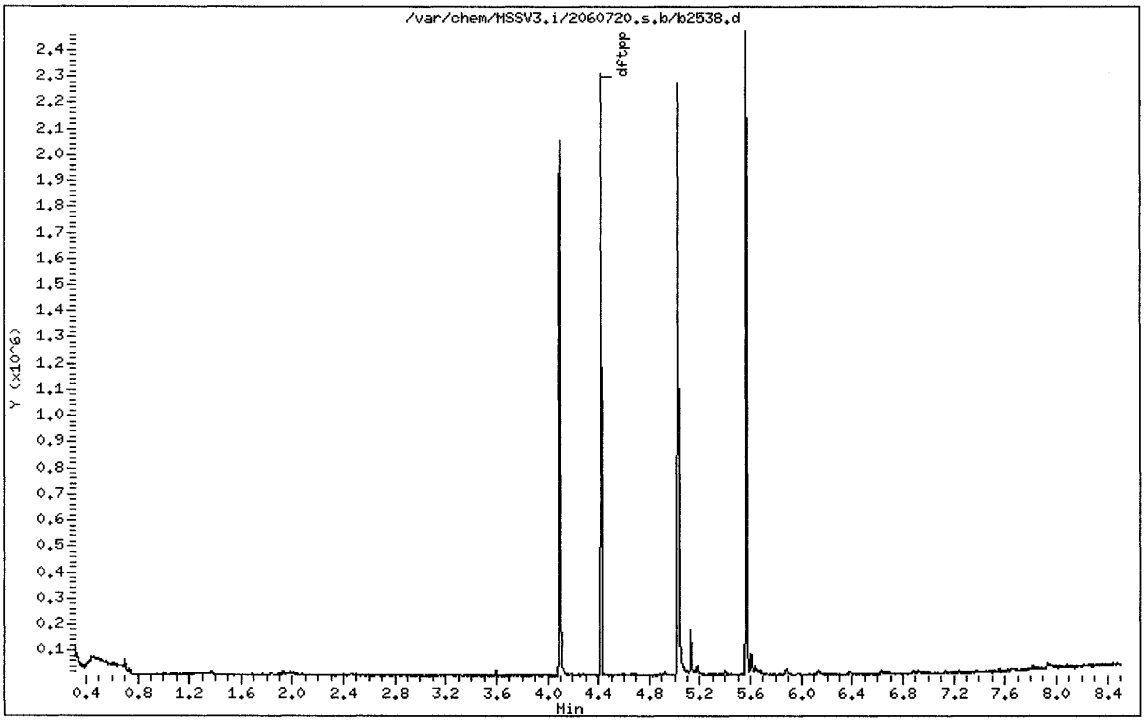
Sample Info: 1100x4-39-13

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00



Data File: /var/chem/MSSV3.i/2060720.s.b/b2538.d

Date : 20-JUL-2006 07:20

Client ID: DFTPP

Instrument: MSSV3.i

Sample Info: 1100x4-39-13

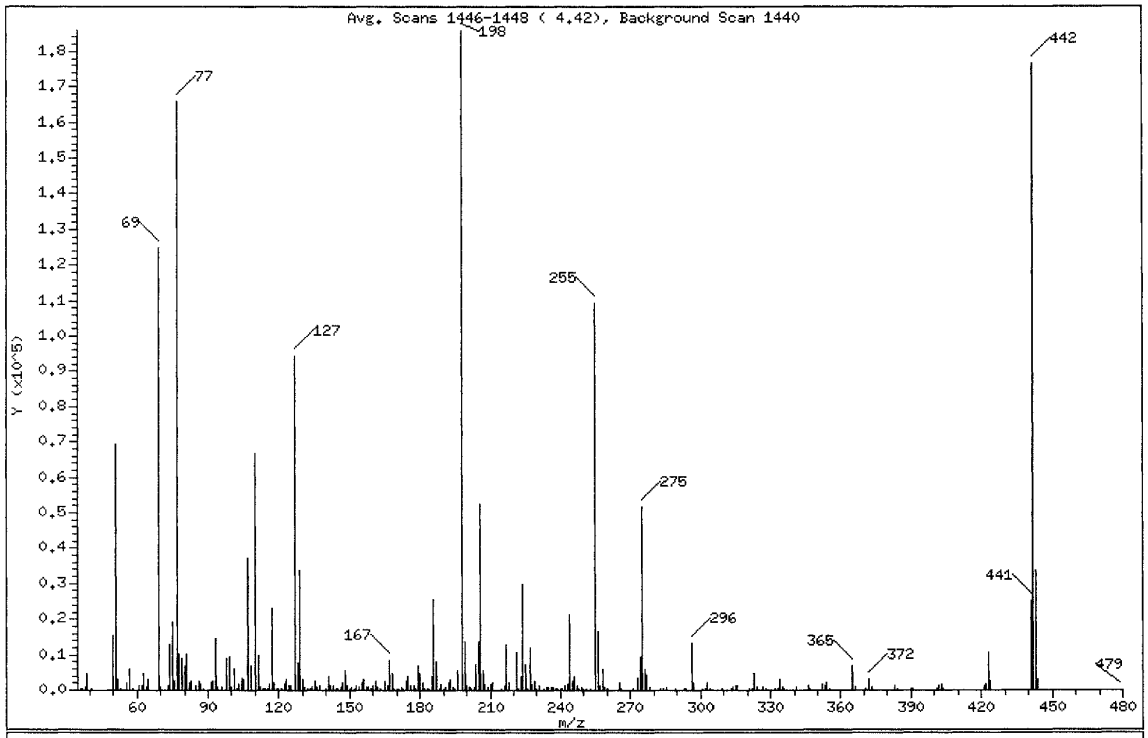
Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.20
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	67.08
70	Less than 2.00% of mass 69	0.44 (0.66)
127	40.00 - 60.00% of mass 198	50.87
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.38
275	10.00 - 30.00% of mass 198	27.86
365	Greater than 1.00% of mass 198	3.72
441	Present, but less than mass 443	13.57
442	40.00 - 100.00% of mass 198	95.04
443	17.00 - 23.00% of mass 442	18.10 (19.05)

Data File: /var/chem/MSSV3.i/2060720.s.b/b2538.d

Date : 20-JUL-2006 07:20

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100ng4-39-13

Volume Injected (uL): 1.0 | Operator: rrr

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2538.d
Spectrum: Avg. Scans 1446-1448 (4.42), Background Scan 1440
Location of Maximum: 198.00
Number of points: 324

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	260	131.00	704	215.00	497	309.00	220
37.00	245	132.00	214	216.00	1179	310.00	118
38.00	903	133.00	261	217.00	12976	312.00	71
39.00	4912	134.00	921	218.00	2049	313.00	311
40.00	110	135.00	2707	219.00	175	314.00	983
41.00	238	136.00	1031	221.00	10610	315.00	1183
42.00	120	137.00	1431	222.00	588	316.00	1134
43.00	166	138.00	182	223.00	3680	317.00	202
44.00	55	139.00	184	224.00	29808	318.00	61
50.00	15325	140.00	415	225.00	7213	321.00	352
51.00	69176	141.00	4057	226.00	269	322.00	446
52.00	3133	142.00	1453	227.00	12079	323.00	4550
53.00	226	143.00	1119	228.00	1699	324.00	921
54.00	55	144.00	260	229.00	2448	326.00	135
55.00	33	145.00	440	230.00	310	327.00	643
56.00	2256	146.00	800	231.00	1384	328.00	348
57.00	5957	147.00	2149	232.00	104	329.00	59
58.00	246	148.00	5431	233.00	231	331.00	81
59.00	180	149.00	1135	234.00	800	332.00	350
60.00	133	150.00	395	235.00	801	333.00	609
61.00	1252	151.00	900	236.00	789	334.00	3055
62.00	1334	152.00	261	237.00	756	335.00	986
63.00	4527	153.00	1370	238.00	242	336.00	220
64.00	693	154.00	911	239.00	441	339.00	69
65.00	2904	155.00	2080	240.00	615	340.00	57
67.00	66	156.00	3105	241.00	462	341.00	821
69.00	124720	157.00	924	242.00	1303	342.00	127
70.00	817	158.00	950	243.00	1787	344.00	73
71.00	59	159.00	393	244.00	21536	346.00	1187
72.00	52	160.00	1318	245.00	2503	347.00	311
73.00	1082	161.00	2499	246.00	3817	351.00	122
74.00	12778	162.00	865	247.00	1275	352.00	1525
75.00	19248	163.00	392	248.00	451	353.00	1313
76.00	2596	164.00	115	249.00	891	354.00	2032
77.00	165696	165.00	2619	250.00	265	355.00	271

Data File: /var/chem/MSSV3.i/2060720.s.b/b2538.d

Date : 20-JUL-2006 07:20

Client ID: DFTPP

Instrument: MSSV3.i

Sample Info: 1100*4-39-13

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00

Data File: b2538.d
Spectrum: Avg. Scans 1446-1448 (4.42), Background Scan 1440
Location of Maximum: 198.00
Number of points: 324

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	10238	166.00	1266	251.00	300	357.00	74
79.00	8819	167.00	8530	252.00	141	359.00	50
80.00	7044	168.00	4848	253.00	352	365.00	6923
81.00	10423	169.00	602	255.00	109544	366.00	974
82.00	2229	170.00	306	256.00	16640	367.00	105
83.00	2375	171.00	491	257.00	1471	370.00	71
85.00	1358	172.00	950	258.00	6096	371.00	333
86.00	2772	173.00	513	259.00	896	372.00	2898
87.00	1524	174.00	2487	260.00	304	373.00	791
88.00	553	175.00	3677	261.00	65	374.00	153
89.00	154	176.00	1295	262.00	64	383.00	1241
91.00	2068	177.00	1462	263.00	57	384.00	299
92.00	2606	178.00	453	264.00	103	385.00	83
93.00	14373	179.00	6681	265.00	2313	388.00	80
94.00	1048	180.00	4664	266.00	600	390.00	527
96.00	795	181.00	1986	270.00	138	391.00	292
97.00	136	182.00	318	271.00	237	392.00	192
98.00	9103	183.00	256	272.00	157	401.00	235
99.00	9263	184.00	294	273.00	3264	402.00	1246
100.00	672	185.00	3698	274.00	9397	403.00	1688
101.00	5793	186.00	25824	275.00	51800	404.00	570
102.00	242	187.00	8124	276.00	6126	406.00	64
103.00	1584	188.00	580	277.00	4074	408.00	60
104.00	3363	189.00	1849	278.00	856	410.00	60
105.00	2869	190.00	320	279.00	90	413.00	60
107.00	37184	191.00	1023	281.00	52	418.00	87
108.00	6689	192.00	2333	282.00	106	420.00	113
110.00	66768	193.00	2995	283.00	512	421.00	1120
111.00	9818	194.00	754	284.00	351	422.00	1595
112.00	917	195.00	546	285.00	1026	423.00	10763
113.00	236	196.00	5363	286.00	203	424.00	2400
114.00	283	198.00	185920	288.00	83	425.00	109
115.00	228	199.00	13729	289.00	233	427.00	125
116.00	1498	200.00	1113	290.00	205	429.00	56
117.00	23152	201.00	869	291.00	64	430.00	88

Data File: /var/chem/MSSV3.i/2060720.s.b/b2538.d

Date : 20-JUL-2006 07:20

Client ID: DFTPP

Instrument: MSSV3.i

Sample Info: 1100x4-39-13

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00

Data File: b2538.d
Spectrum: Avg. Scans 1446-1448 (4.42), Background Scan 1440
Location of Maximum: 198.00
Number of points: 324

m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	2079	202.00	366	292.00	60	432.00	56
119.00	585	203.00	1039	293.00	625	434.00	93
120.00	405	204.00	7141	294.00	343	438.00	76
121.00	248	205.00	13639	296.00	13316	441.00	25240
122.00	1816	206.00	52632	297.00	1995	442.00	176704
123.00	3046	207.00	5690	298.00	68	443.00	33664
124.00	1448	208.00	1600	299.00	52	444.00	2919
125.00	1479	209.00	665	301.00	228	479.00	54
127.00	94584	210.00	1820	302.00	328		
128.00	7526	211.00	2001	303.00	2111		
129.00	33640	212.00	208	304.00	484		
130.00	2878	213.00	137	308.00	153		

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2539.d
Lab Smp Id: 1205 Client Smp ID: STD050
Inj Date : 20-JUL-2006 07:35
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1205*4-57-9*
Misc Info : STD050*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:15 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	2 Pyridine	79	0.378	0.378	(0.271)	139354	50.0000	41.3
	1 n-Nitrosodimethylamine	42	0.372	0.372	(0.267)	41179	50.0000	49.3
$	3 2-Fluorophenol	112	0.653	0.653	(0.469)	159030	50.0000	48.1
$	4 Phenol-d5	99	1.193	1.193	(0.855)	857678	50.0000	51.6
	5 Aniline	93	1.161	1.161	(0.833)	1126972	50.0000	52.2
	6 Phenol +	94	1.201	1.201	(0.862)	1149663	50.0000	48.1
	7 bis(-2-Chloroethyl)Ether	63	1.227	1.227	(0.880)	588185	50.0000	50.4
	8 2-Chlorophenol	128	1.258	1.258	(0.902)	472401	50.0000	51.1
	9 1,3-Dichlorobenzene	146	1.352	1.352	(0.969)	507136	50.0000	49.1
*	10 1,4-Dichlorobenzene-d4	152	1.397	1.397	(1.000)	223030	40.0000	
	11 1,4-Dichlorobenzene +	146	1.408	1.408	(1.010)	495263	50.0000	48.4
	12 Benzyl alcohol	108	1.525	1.525	(1.094)	456190	50.0000	49.3
	13 1,2-Dichlorobenzene	146	1.513	1.513	(1.085)	477162	50.0000	48.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.633	1.633	(1.171)	648288	50.0000	47.0
	14 Bis(2-chloroisopropyl)ether	45	1.616	1.616	(1.159)	440201	50.0000	50.1
	17 3- & 4-Methylphenol	108	1.740	1.740	(1.248)	613124	50.0000	50.5
	16 N-Nitroso-di-n-propylamine++	70	1.709	1.709	(1.226)	621486	50.0000	49.0
	18 Hexachloroethane	117	1.738	1.738	(1.246)	240378	50.0000	45.5
$	19 Nitrobenzene-d5	82	1.786	1.786	(0.800)	966301	50.0000	51.2
	20 Nitrobenzene	77	1.797	1.797	(0.805)	970090	50.0000	51.9
	21 Isophorone	82	1.962	1.962	(0.879)	1596842	50.0000	47.5
	22 2-Nitrophenol +	139	2.004	2.004	(0.898)	229884	50.0000	51.0
	23 2,4-Dimethyphenol	107	2.070	2.070	(0.927)	680773	50.0000	51.0
	24 bis(-2-Chloroethoxy)methane	93	2.115	2.115	(0.948)	934496	50.0000	50.7
	25 Benzoic Acid	122	2.186	2.186	(0.980)	191966	50.0000	47.8
	26 2,4-Dichlorophenol +	162	2.175	2.175	(0.975)	329708	50.0000	47.5
	27 1,2,4-Trichlorobenzene	180	2.203	2.203	(0.987)	386713	50.0000	50.1
*	28 Naphthalene-d8	136	2.231	2.231	(1.000)	768361	40.0000	
	29 Naphthalene	128	2.246	2.246	(1.006)	1147052	50.0000	51.7
	30 4-Chloroaniline	127	2.300	2.300	(1.031)	419906	50.0000	53.7
	31 Hexachlorobutadiene +	225	2.339	2.339	(1.048)	275523	50.0000	48.6
	32 4-Chloro-3-Methylphenol +	107	2.637	2.637	(1.182)	545604	50.0000	50.0
	33 2-Methylnaphthalene	142	2.674	2.674	(1.198)	720879	50.0000	50.2
	145 1-Methylnapthalene	142	2.731	2.731	(1.224)	585706	50.0000	49.7
	34 Hexachlorocyclopentadiene ++	237	2.776	2.776	(0.841)	278644	50.0000	48.3
	35 2,4,6-Trichlorophenol +	196	2.867	2.867	(0.868)	255162	50.0000	50.3
	36 2,4,5-Trichlorphenol	196	2.898	2.898	(0.878)	253729	50.0000	49.1
$	37 2-Fluorobiphenyl	172	2.910	2.910	(0.881)	734558	50.0000	49.2
	38 2-Chloronaphthalene	162	2.967	2.967	(0.899)	647222	50.0000	48.2
	39 2-Nitroaniline	138	3.049	3.049	(0.923)	214616	50.0000	51.1
	40 Dimethylphthalate	163	3.171	3.171	(0.960)	703191	50.0000	49.7
	41 2,6-Dinitrotoluene	165	3.199	3.199	(0.969)	181782	50.0000	53.0
	42 Acenaphthylene	152	3.213	3.213	(0.973)	1012386	50.0000	47.4
	43 3-Nitroaniline	138	3.299	3.299	(0.999)	153912	50.0000	47.9
*	44 Acenaphthene-d10	164	3.301	3.301	(1.000)	435950	40.0000	
	45 Acenaphthene +	153	3.318	3.318	(1.005)	618933	50.0000	45.7
	46 2,4-Dinitrophenol ++	184	3.361	3.361	(1.018)	128715	50.0000	44.4
	49 4-Nitrophenol ++	109	3.452	3.452	(1.046)	161350	50.0000	47.2
	47 Dibenzofuran	168	3.426	3.426	(1.038)	944172	50.0000	47.7
	48 2,4-Dinitrotoluene	165	3.441	3.441	(1.042)	242428	50.0000	50.8
	50 Diethylphthalate	149	3.605	3.605	(1.092)	671010	50.0000	50.1
	52 4-Chlorophenyl-phenylether	204	3.648	3.648	(1.105)	358008	50.0000	48.1
	51 Fluorene	166	3.634	3.634	(1.101)	730597	50.0000	46.4
	53 4-Nitroaniline	138	3.673	3.673	(1.113)	164100	50.0000	51.3
	54 4,6-Dinitro-o-cresol	198	3.685	3.685	(0.879)	175200	50.0000	53.6
	55 N-nitrosodiphenylamine (1)+	169	3.724	3.724	(0.888)	492326	50.0000	51.7
	56 Azobenzene	77	3.741	3.741	(0.892)	1384363	50.0000	49.2
$	57 2,4,6-Tribromophenol	332	3.784	3.784	(1.146)	105665	50.0000	48.4
	58 4-Bromophenyl-phenylether	248	3.940	3.940	(0.940)	182907	50.0000	49.5
	59 Hexachlorobenzene	284	3.966	3.966	(0.946)	236455	50.0000	47.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.099	4.099	(0.978)	158526	50.0000	53.7
*	61 Phenanthrene-d10	188	4.193	4.193	(1.000)	666450	40.0000	
	62 Phenanthrene	178	4.207	4.207	(1.003)	1019508	50.0000	48.1
	63 Anthracene	178	4.238	4.238	(1.011)	1065613	50.0000	50.8
	64 Carbazole	167	4.349	4.349	(1.037)	850377	50.0000	51.5
	65 Di-n-butylphthalate	149	4.596	4.596	(1.096)	990282	50.0000	51.6
	67 Fluoranthene +	202	4.925	4.925	(1.175)	1014435	50.0000	50.0
	68 Benzidine	184	5.030	5.030	(0.856)	202175	50.0000	49.3
	69 Pyrene	202	5.055	5.055	(0.860)	1055226	50.0000	54.0
$	70 Terphenyl-d14	244	5.180	5.180	(0.882)	727754	50.0000	53.9
	71 Butylbenzylphthalate	149	5.529	5.529	(0.941)	406680	50.0000	53.4
	73 3,3'-Dichlorobenzidine	252	5.879	5.879	(1.000)	286244	50.0000	51.4
	72 Benzo(a)anthracene	228	5.870	5.870	(0.999)	895310	50.0000	47.2
*	74 Chrysene-d12	240	5.876	5.876	(1.000)	582387	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.972	5.972	(1.016)	497654	50.0000	48.5
	75 Chrysene	228	5.896	5.896	(1.003)	998102	50.0000	50.2
	77 Di-n-octylphthalate +	149	6.466	6.466	(1.100)	827437	50.0000	49.8
	78 Benzo(b)fluoranthene	252	6.656	6.656	(0.960)	749840	50.0000	46.7
	79 Benzo(k)fluoranthene	252	6.682	6.682	(0.964)	1154011	50.0000	54.8
	80 Benzo(a)pyrene +	252	6.889	6.889	(0.994)	922172	50.0000	61.8
*	81 Perylene-d12	264	6.932	6.932	(1.000)	566625	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.661	7.661	(1.304)	1033503	50.0000	46.8
	83 Dibenzo(a,h)anthracene	278	7.684	7.684	(1.109)	795746	50.0000	47.7
	84 Benzo(g,h,i)perylene	276	7.828	7.828	(1.129)	940478	50.0000	53.1
M	66 Total Methylphenol	108				1261412	100.000	101
	91 Acetophenone	105	1.692	1.692	(1.214)	835554	50.0000	48.0
	155 Benzaldehyde	77	1.062	1.062	(0.762)	353840	50.0000	51.4
	156 Caprolactam	113	2.538	2.538	(1.137)	169276	50.0000	56.0
	157 Biphenyl	154	2.964	2.964	(1.328)	745848	50.0000	49.1
	158 Atrazine	200	4.068	4.068	(0.970)	169796	50.0000	50.4
	174 1,4-Dioxane	88	0.333	0.333	(0.239)	60007	50.0000	47.5

Data File: /var/chem/MSSV3.i/2060720.s.b/b2539.d

Date : 20-JUL-2006 07:35

Client ID: STD050

Sample Info: 1205*4-57-9*

Volume Injected (uL): 1.0

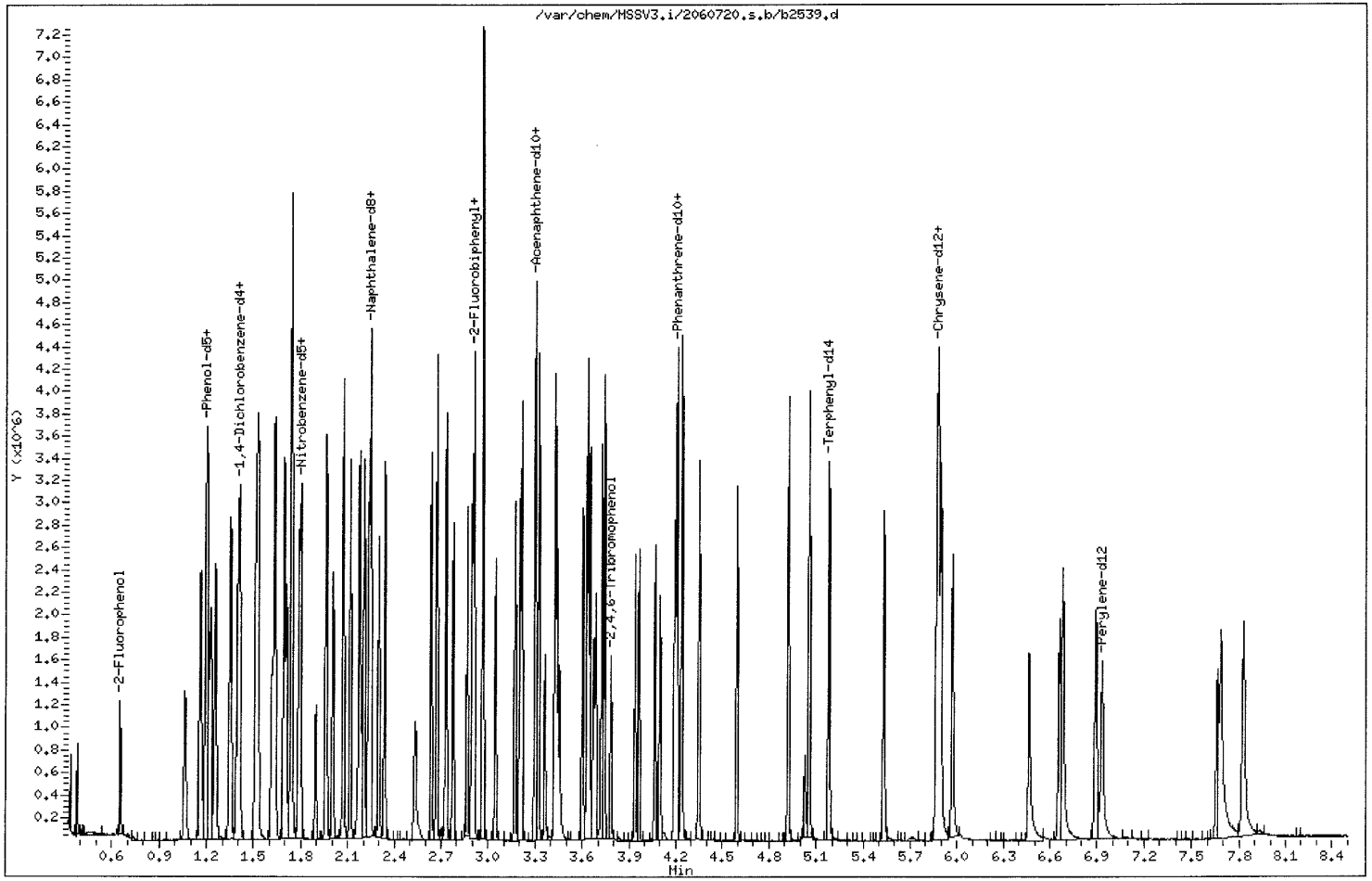
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr

Column diameter: 0.25

001067

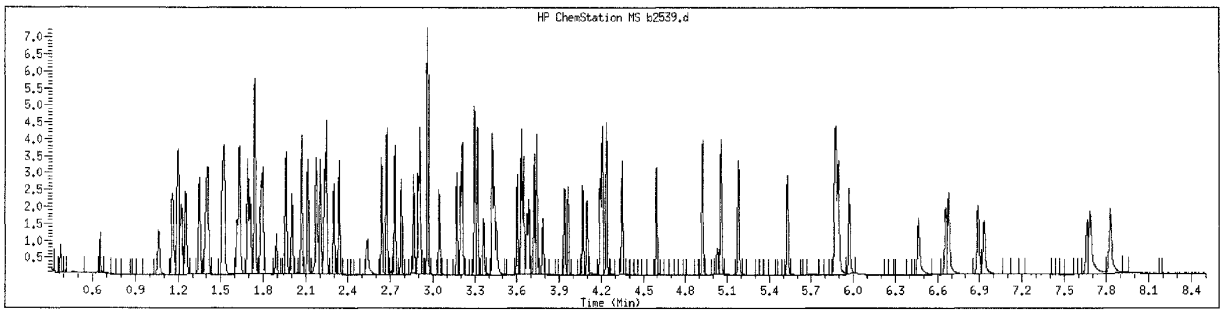


189039

Data file : /var/chem/MSSV3.i/2060720.s.b/b2539.d Page: 1
Report Date: 07/20/2006 15:15

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1205	SampleType	: CALIB_5
Injection Date	: 20-JUL-2006 07:35	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1205*4-57-9*		
Misc Info	: STD050*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8270C



NO MANUAL INTEGRATIONS

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2540.d
Lab Smp Id: 1204 Client Smp ID: STD010
Inj Date : 20-JUL-2006 07:50
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1204*4-57-10
Misc Info : STD010*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:14 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:50 Cal File: b2540.d
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	2 Pyridine	79	0.378	0.378	(0.271)	35105	10.0000	11.5
	1 n-Nitrosodimethylamine	42	0.370	0.370	(0.265)	6860	10.0000	9.08(a)
$	3 2-Fluorophenol	112	0.653	0.653	(0.469)	30125	10.0000	10.1
$	4 Phenol-d5	99	1.193	1.193	(0.855)	172429	10.0000	11.5
	5 Aniline	93	1.156	1.156	(0.829)	227412	10.0000	11.7
	6 Phenol +	94	1.201	1.201	(0.862)	231806	10.0000	10.7
	7 bis(-2-Chloroethyl)Ether	63	1.221	1.221	(0.876)	108384	10.0000	10.3
	8 2-Chlorophenol	128	1.252	1.252	(0.898)	93501	10.0000	11.2
	9 1,3-Dichlorobenzene	146	1.352	1.352	(0.969)	101123	10.0000	10.8
*	10 1,4-Dichlorobenzene-d4	152	1.394	1.394	(1.000)	201526	40.0000	
	11 1,4-Dichlorobenzene +	146	1.408	1.408	(1.010)	100550	10.0000	10.9
	12 Benzyl alcohol	108	1.522	1.522	(1.092)	90480	10.0000	10.8
	13 1,2-Dichlorobenzene	146	1.513	1.513	(1.085)	93749	10.0000	10.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.630	1.630	(1.169)	139301	10.0000	11.2
	14 Bis(2-chloroisopropyl)ether	45	1.618	1.618	(1.161)	85552	10.0000	10.8
	17 3- & 4-Methylphenol	108	1.738	1.738	(1.246)	138248	10.0000	12.6
	16 N-Nitroso-di-n-propylamine++	70	1.704	1.704	(1.222)	124707	10.0000	10.9
	18 Hexachloroethane	117	1.738	1.738	(1.246)	48018	10.0000	10.1
$	19 Nitrobenzene-d5	82	1.783	1.783	(0.799)	188417	10.0000	10.7
	20 Nitrobenzene	77	1.794	1.794	(0.804)	189826	10.0000	10.8
	21 Isophorone	82	1.956	1.956	(0.877)	346526	10.0000	11.0
	22 2-Nitrophenol +	139	2.004	2.004	(0.898)	47550	10.0000	11.3
	23 2,4-Dimethyphenol	107	2.070	2.070	(0.927)	141015	10.0000	11.3
	24 bis(-2-Chloroethoxy)methane	93	2.115	2.115	(0.948)	182372	10.0000	10.6
	25 Benzoic Acid	122	2.155	2.155	(0.966)	37339	10.0000	9.93(a)
	26 2,4-Dichlorophenol +	162	2.178	2.178	(0.976)	74299	10.0000	11.4
	27 1,2,4-Trichlorobenzene	180	2.203	2.203	(0.987)	80663	10.0000	11.2
*	28 Naphthalene-d8	136	2.231	2.231	(1.000)	719874	40.0000	
	29 Naphthalene	128	2.243	2.243	(1.005)	239858	10.0000	11.5
	30 4-Chloroaniline	127	2.300	2.300	(1.031)	86089	10.0000	11.8
	31 Hexachlorobutadiene +	225	2.339	2.339	(1.048)	50442	10.0000	9.49(a)
	32 4-Chloro-3-Methylphenol +	107	2.637	2.637	(1.182)	110782	10.0000	10.8
	33 2-Methylnaphthalene	142	2.674	2.674	(1.198)	154369	10.0000	11.5
	145 1-Methylnapthalene	142	2.731	2.731	(1.224)	124725	10.0000	11.3
	34 Hexachlorocyclopentadiene ++	237	2.776	2.776	(0.841)	50925	10.0000	9.83(a)
	35 2,4,6-Trichlorophenol +	196	2.864	2.864	(0.868)	50697	10.0000	11.1
	36 2,4,5-Trichlorphenol	196	2.898	2.898	(0.878)	49089	10.0000	10.6
$	37 2-Fluorobiphenyl	172	2.910	2.910	(0.881)	153673	10.0000	11.5
	38 2-Chloronaphthalene	162	2.964	2.964	(0.898)	143742	10.0000	11.9
	39 2-Nitroaniline	138	3.046	3.046	(0.923)	40589	10.0000	10.8
	40 Dimethylphthalate	163	3.168	3.168	(0.960)	141038	10.0000	11.1(M)
	41 2,6-Dinitrotoluene	165	3.196	3.196	(0.968)	34178	10.0000	11.1
	42 Acenaphthylene	152	3.211	3.211	(0.972)	213391	10.0000	11.1
	43 3-Nitroaniline	138	3.296	3.296	(0.998)	32426	10.0000	11.3
*	44 Acenaphthene-d10	164	3.301	3.301	(1.000)	391242	40.0000	
	45 Acenaphthene +	153	3.319	3.319	(1.005)	135042	10.0000	11.1
	46 2,4-Dinitrophenol ++	184	3.361	3.361	(1.018)	20042	10.0000	10.3
	49 4-Nitrophenol ++	109	3.460	3.460	(1.048)	29364	10.0000	9.57(a)
	47 Dibenzofuran	168	3.426	3.426	(1.038)	195970	10.0000	11.0
	48 2,4-Dinitrotoluene	165	3.438	3.438	(1.041)	47844	10.0000	11.2
	50 Diethylphthalate	149	3.599	3.599	(1.090)	127491	10.0000	10.6
	52 4-Chlorophenyl-phenylether	204	3.648	3.648	(1.105)	76617	10.0000	11.5
	51 Fluorene	166	3.634	3.634	(1.101)	160485	10.0000	11.3
	53 4-Nitroaniline	138	3.665	3.665	(1.110)	34483	10.0000	12.0
	54 4,6-Dinitro-o-cresol	198	3.682	3.682	(0.878)	31040	10.0000	10.3
	55 N-nitrosodiphenylamine (1)+	169	3.722	3.722	(0.888)	96390	10.0000	11.0
	56 Azobenzene	77	3.741	3.741	(0.892)	288194	10.0000	11.1
$	57 2,4,6-Tribromophenol	332	3.781	3.781	(1.145)	21314	10.0000	10.9
	58 4-Bromophenyl-phenylether	248	3.940	3.940	(0.940)	38081	10.0000	11.2
	59 Hexachlorobenzene	284	3.963	3.963	(0.945)	51036	10.0000	11.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.099	4.099	(0.978)	29041	10.0000	10.7
*	61 Phenanthrene-d10	188	4.193	4.193	(1.000)	613035	40.0000	
	62 Phenanthrene	178	4.207	4.207	(1.003)	212588	10.0000	10.9
	63 Anthracene	178	4.235	4.235	(1.010)	216198	10.0000	11.2
	64 Carbazole	167	4.349	4.349	(1.037)	169569	10.0000	11.2
	65 Di-n-butylphthalate	149	4.596	4.596	(1.096)	182762	10.0000	10.4
	67 Fluoranthene +	202	4.922	4.922	(1.174)	202670	10.0000	10.8
	68 Benzidine	184	5.030	5.030	(0.856)	62343	10.0000	10.9
	69 Pyrene	202	5.056	5.056	(0.860)	206640	10.0000	10.3
$	70 Terphenyl-d14	244	5.180	5.180	(0.882)	148441	10.0000	10.7
	71 Butylbenzylphthalate	149	5.530	5.530	(0.941)	81546	10.0000	10.4
	73 3,3'-Dichlorobenzidine	252	5.879	5.879	(1.000)	65415	10.0000	11.4
	72 Benzo(a)anthracene	228	5.870	5.870	(0.999)	178695	10.0000	9.14(a)
*	74 Chrysene-d12	240	5.876	5.876	(1.000)	600487	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.972	5.972	(1.016)	105654	10.0000	10.3
	75 Chrysene	228	5.893	5.893	(1.003)	222906	10.0000	10.9
	77 Di-n-octylphthalate +	149	6.466	6.466	(1.100)	147139	10.0000	8.60(a)
	78 Benzo(b)fluoranthene	252	6.656	6.656	(0.960)	125131	10.0000	8.54(a)
	79 Benzo(k)fluoranthene	252	6.679	6.679	(0.963)	239046	10.0000	10.5
	80 Benzo(a)pyrene +	252	6.886	6.886	(0.993)	146482	10.0000	9.74(a)
*	81 Perylene-d12	264	6.934	6.934	(1.000)	570921	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.655	7.655	(1.303)	154144	10.0000	8.34(a)
	83 Dibenzo(a,h)anthracene	278	7.678	7.678	(1.107)	122843	10.0000	10.0
	84 Benzo(g,h,i)perylene	276	7.820	7.820	(1.128)	164086	10.0000	9.20(a)
M	66 Total Methylphenol	108				277549	20.0000	24.6
	91 Acetophenone	105	1.689	1.689	(1.212)	168342	10.0000	10.7
	155 Benzaldehyde	77	1.062	1.062	(0.762)	99830	10.0000	3.96(a)
	156 Caprolactam	113	2.512	2.512	(1.126)	30401	10.0000	10.7
	157 Biphenyl	154	2.964	2.964	(1.328)	164479	10.0000	11.6
	158 Atrazine	200	4.065	4.065	(0.970)	33737	10.0000	10.9
	174 1,4-Dioxane	88	0.333	0.333	(0.239)	12289	10.0000	10.8

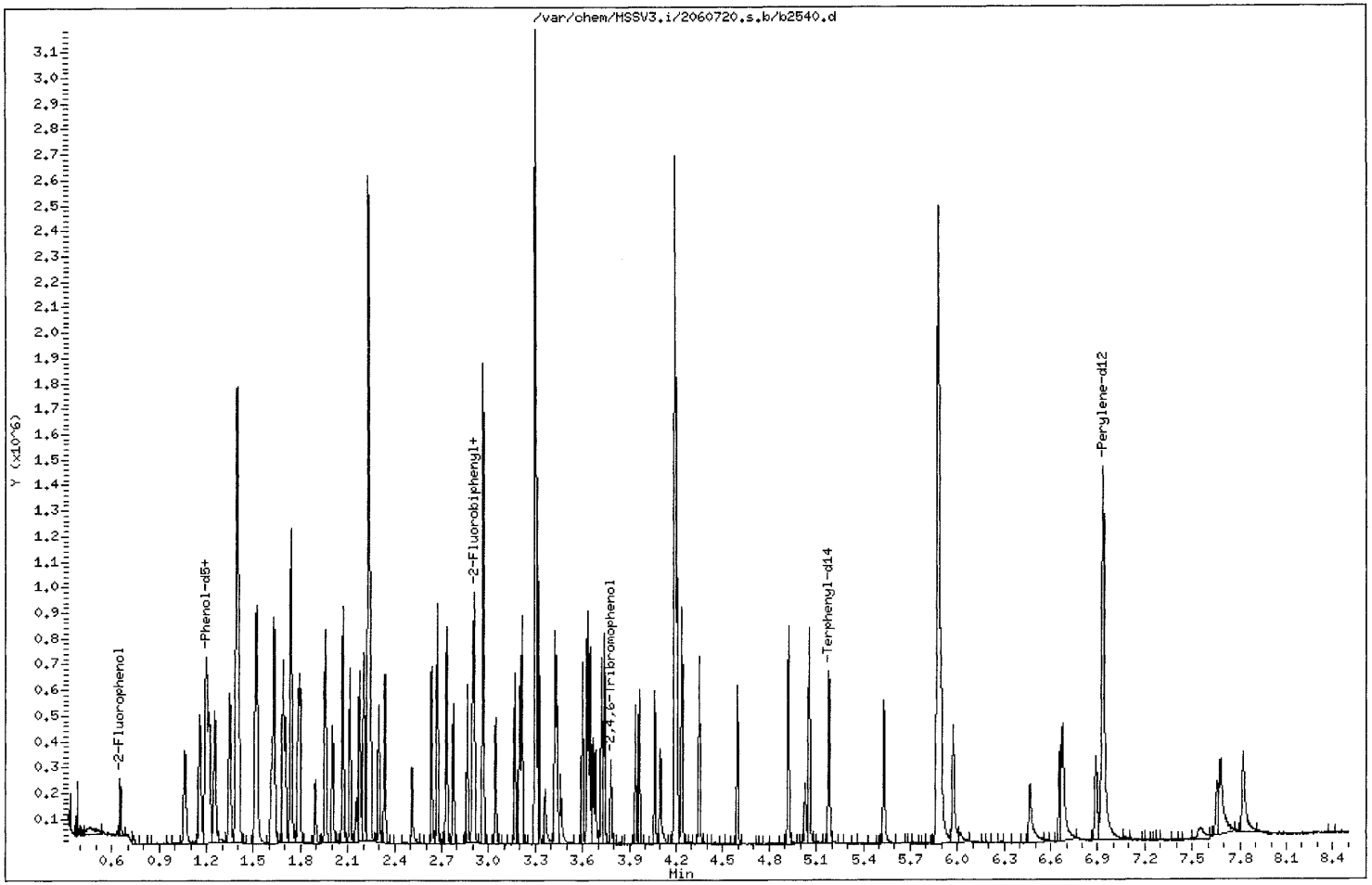
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060720.s.b/b2540.d
Date : 20-JUL-2006 07:50
Client ID: STD010
Sample Info: 1204*4-57-10
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

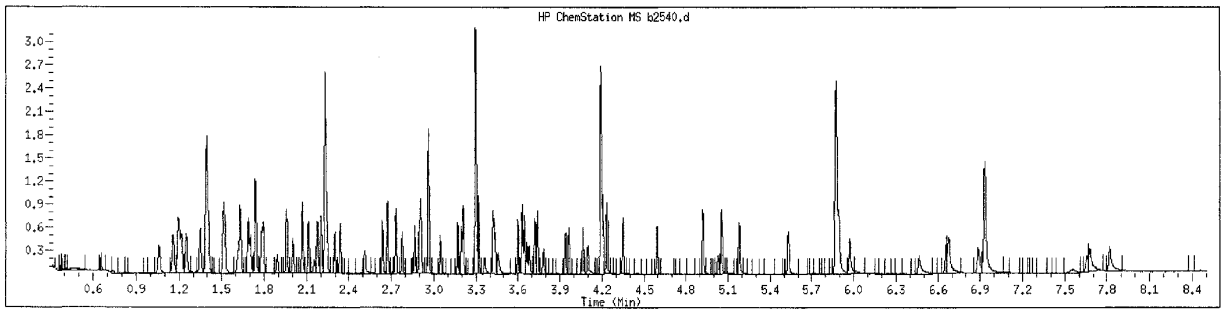
Operator: rrr
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060720.s.b/b2540.d
Report Date: 07/20/2006 15:14

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1204	SampleType	: CALIB_4
Injection Date	: 20-JUL-2006 07:50	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1204*4-57-10		
Misc Info	: STD010*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8270C



Original Final

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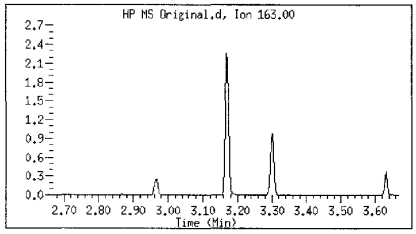
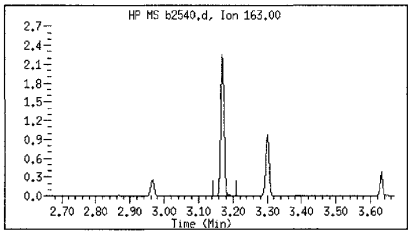
40 Dimethylphthalate CAS#: 131-11-3





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GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2541.d
Lab Smp Id: 1206 Client Smp ID: STD080
Inj Date : 20-JUL-2006 08:05
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1206*4-57-11
Misc Info : STD080*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:14 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 08:05 Cal File: b2541.d
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	2 Pyridine	79	0.375	0.375	(0.268)	220279	80.0000	87.5
	1 n-Nitrosodimethylamine	42	0.370	0.370	(0.264)	49470	80.0000	79.4
$	3 2-Fluorophenol	112	0.653	0.653	(0.467)	195747	80.0000	79.5
$	4 Phenol-d5	99	1.196	1.196	(0.854)	970064	80.0000	78.3
	5 Aniline	93	1.161	1.161	(0.830)	1317898	80.0000	82.0
	6 Phenol +	94	1.207	1.207	(0.862)	1309002	80.0000	73.5
	7 bis(-2-Chloroethyl)Ether	63	1.230	1.230	(0.878)	675109	80.0000	77.7
	8 2-Chlorophenol	128	1.258	1.258	(0.899)	542107	80.0000	78.6
	9 1,3-Dichlorobenzene	146	1.352	1.352	(0.966)	604735	80.0000	78.6
*	10 1,4-Dichlorobenzene-d4	152	1.397	1.397	(1.000)	166184	40.0000	
	11 1,4-Dichlorobenzene +	146	1.408	1.408	(1.006)	602378	80.0000	79.0
	12 Benzyl alcohol	108	1.528	1.528	(1.091)	537436	80.0000	77.9
	13 1,2-Dichlorobenzene	146	1.513	1.513	(1.081)	565550	80.0000	77.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.633	1.633	(1.166)	750311	80.0000	73.0
	14 Bis(2-chloroisopropyl)ether	45	1.618	1.618	(1.156)	514226	80.0000	78.6
	17 3- & 4-Methylphenol	108	1.743	1.743	(1.245)	720390	80.0000	79.7
	16 N-Nitroso-di-n-propylamine++	70	1.712	1.712	(1.223)	727108	80.0000	77.0
	18 Hexachloroethane	117	1.738	1.738	(1.241)	284037	80.0000	72.1
$	19 Nitrobenzene-d5	82	1.789	1.789	(0.801)	1139195	80.0000	79.2
	20 Nitrobenzene	77	1.800	1.800	(0.806)	1137514	80.0000	79.8
	21 Isophorone	82	1.965	1.965	(0.879)	1996991	80.0000	77.9
	22 2-Nitrophenol +	139	2.004	2.004	(0.897)	269228	80.0000	78.3
	23 2,4-Dimethyphenol	107	2.073	2.073	(0.928)	802264	80.0000	78.8
	24 bis(-2-Chloroethoxy)methane	93	2.118	2.118	(0.948)	1093700	80.0000	77.9
	25 Benzoic Acid	122	2.197	2.197	(0.983)	275340	80.0000	89.9
	26 2,4-Dichlorophenol +	162	2.175	2.175	(0.973)	402793	80.0000	76.0
	27 1,2,4-Trichlorobenzene	180	2.206	2.206	(0.987)	442350	80.0000	75.1
*	28 Naphthalene-d8	136	2.234	2.234	(1.000)	586029	40.0000	
	29 Naphthalene	128	2.248	2.248	(1.006)	1348402	80.0000	79.7
	30 4-Chloroaniline	127	2.302	2.302	(1.030)	513181	80.0000	86.1
	31 Hexachlorobutadiene +	225	2.339	2.339	(1.047)	321544	80.0000	74.3
	32 4-Chloro-3-Methylphenol +	107	2.640	2.640	(1.182)	678531	80.0000	81.5
	33 2-Methylnaphthalene	142	2.677	2.677	(1.198)	844141	80.0000	77.1
	145 1-Methylnapthalene	142	2.734	2.734	(1.224)	702651	80.0000	78.1
	34 Hexachlorocyclopentadiene ++	237	2.779	2.779	(0.842)	330984	80.0000	77.2
	35 2,4,6-Trichlorophenol +	196	2.867	2.867	(0.868)	293383	80.0000	78.0
	36 2,4,5-Trichlorphenol	196	2.898	2.898	(0.878)	313762	80.0000	81.9
$	37 2-Fluorobiphenyl	172	2.913	2.913	(0.882)	883828	80.0000	79.7
	38 2-Chloronaphthalene	162	2.969	2.969	(0.899)	784115	80.0000	78.7
	39 2-Nitroaniline	138	3.049	3.049	(0.923)	255444	80.0000	82.0
	40 Dimethylphthalate	163	3.174	3.174	(0.961)	858206	80.0000	81.7
	41 2,6-Dinitrotoluene	165	3.205	3.205	(0.971)	215904	80.0000	84.7
	42 Acenaphthylene	152	3.213	3.213	(0.973)	1199192	80.0000	75.6
	43 3-Nitroaniline	138	3.304	3.304	(1.001)	203286	80.0000	85.3
*	44 Acenaphthene-d10	164	3.301	3.301	(1.000)	323656	40.0000	
	45 Acenaphthene +	153	3.324	3.324	(1.007)	769761	80.0000	76.6
	46 2,4-Dinitrophenol ++	184	3.367	3.367	(1.020)	184870	80.0000	85.5
	49 4-Nitrophenol ++	109	3.455	3.455	(1.046)	221362	80.0000	87.2
	47 Dibenzofuran	168	3.429	3.429	(1.039)	1121702	80.0000	76.3
	48 2,4-Dinitrotoluene	165	3.443	3.443	(1.043)	297330	80.0000	83.8
	50 Diethylphthalate	149	3.608	3.608	(1.093)	824902	80.0000	83.0
	52 4-Chlorophenyl-phenylether	204	3.648	3.648	(1.105)	438751	80.0000	79.3
	51 Fluorene	166	3.636	3.636	(1.101)	892565	80.0000	76.3
	53 4-Nitroaniline	138	3.676	3.676	(1.113)	205216	80.0000	86.5
	54 4,6-Dinitro-o-cresol	198	3.690	3.690	(0.880)	220878	80.0000	80.2
	55 N-nitrosodiphenylamine (1)+	169	3.727	3.727	(0.888)	609902	80.0000	76.1
	56 Azobenzene	77	3.744	3.744	(0.892)	1715357	80.0000	72.4
$	57 2,4,6-Tribromophenol	332	3.787	3.787	(1.147)	132524	80.0000	81.7
	58 4-Bromophenyl-phenylether	248	3.943	3.943	(0.940)	226030	80.0000	72.6
	59 Hexachlorobenzene	284	3.966	3.966	(0.945)	293178	80.0000	69.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.102	4.102	(0.978)	207061	80.0000	83.3
*	61 Phenanthrene-d10	188	4.196	4.196	(1.000)	561415	40.0000	
	62 Phenanthrene	178	4.210	4.210	(1.003)	1286673	80.0000	72.0
	63 Anthracene	178	4.241	4.241	(1.011)	1328407	80.0000	75.2
	64 Carbazole	167	4.354	4.354	(1.038)	1064521	80.0000	76.5
	65 Di-n-butylphthalate	149	4.599	4.599	(1.096)	1268257	80.0000	78.5
	67 Fluoranthene +	202	4.928	4.928	(1.175)	1368777	80.0000	80.0
	68 Benzidine	184	5.033	5.033	(0.856)	284212	80.0000	80.3
	69 Pyrene	202	5.061	5.061	(0.861)	1424810	80.0000	72.9
$	70 Terphenyl-d14	244	5.183	5.183	(0.881)	1035562	80.0000	76.6
	71 Butylbenzylphthalate	149	5.532	5.532	(0.941)	598124	80.0000	78.6
	73 3,3'-Dichlorobenzidine	252	5.884	5.884	(1.000)	466465	80.0000	83.8
	72 Benzo(a)anthracene	228	5.876	5.876	(0.999)	1460919	80.0000	77.0
*	74 Chrysene-d12	240	5.881	5.881	(1.000)	582504	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.975	5.975	(1.016)	771976	80.0000	76.3
	75 Chrysene	228	5.901	5.901	(1.003)	1583157	80.0000	79.6
	77 Di-n-octylphthalate +	149	6.469	6.469	(1.100)	1381548	80.0000	83.2
	78 Benzo(b)fluoranthene	252	6.668	6.668	(0.961)	1410126	80.0000	79.6
	79 Benzo(k)fluoranthene	252	6.688	6.688	(0.964)	1840875	80.0000	82.0
	80 Benzo(a)pyrene +	252	6.898	6.898	(0.994)	1561415	80.0000	95.7
*	81 Perylene-d12	264	6.937	6.937	(1.000)	619566	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.672	7.672	(1.304)	1785177	80.0000	79.5
	83 Dibenzo(a,h)anthracene	278	7.695	7.695	(1.109)	1385971	80.0000	74.1
	84 Benzo(g,h,i)perylene	276	7.837	7.837	(1.130)	1633541	80.0000	82.8
M	66 Total Methylphenol	108				1470701	160.000	158
	91 Acetophenone	105	1.695	1.695	(1.211)	1006308	80.0000	77.7
	155 Benzaldehyde	77	1.062	1.062	(0.759)	328307	80.0000	83.9
	156 Caprolactam	113	2.546	2.546	(1.140)	218829	80.0000	94.9
	157 Biphenyl	154	2.967	2.967	(1.328)	882215	80.0000	76.2
	158 Atrazine	200	4.073	4.073	(0.971)	230348	80.0000	81.1
	174 1,4-Dioxane	88	0.333	0.333	(0.238)	67797	80.0000	72.1

Data File: /var/chem/MSSV3.i/2060720.s.b/b2541.d

Date : 20-JUL-2006 08:05

Client ID: STD080

Sample Info: 1206x4-57-11

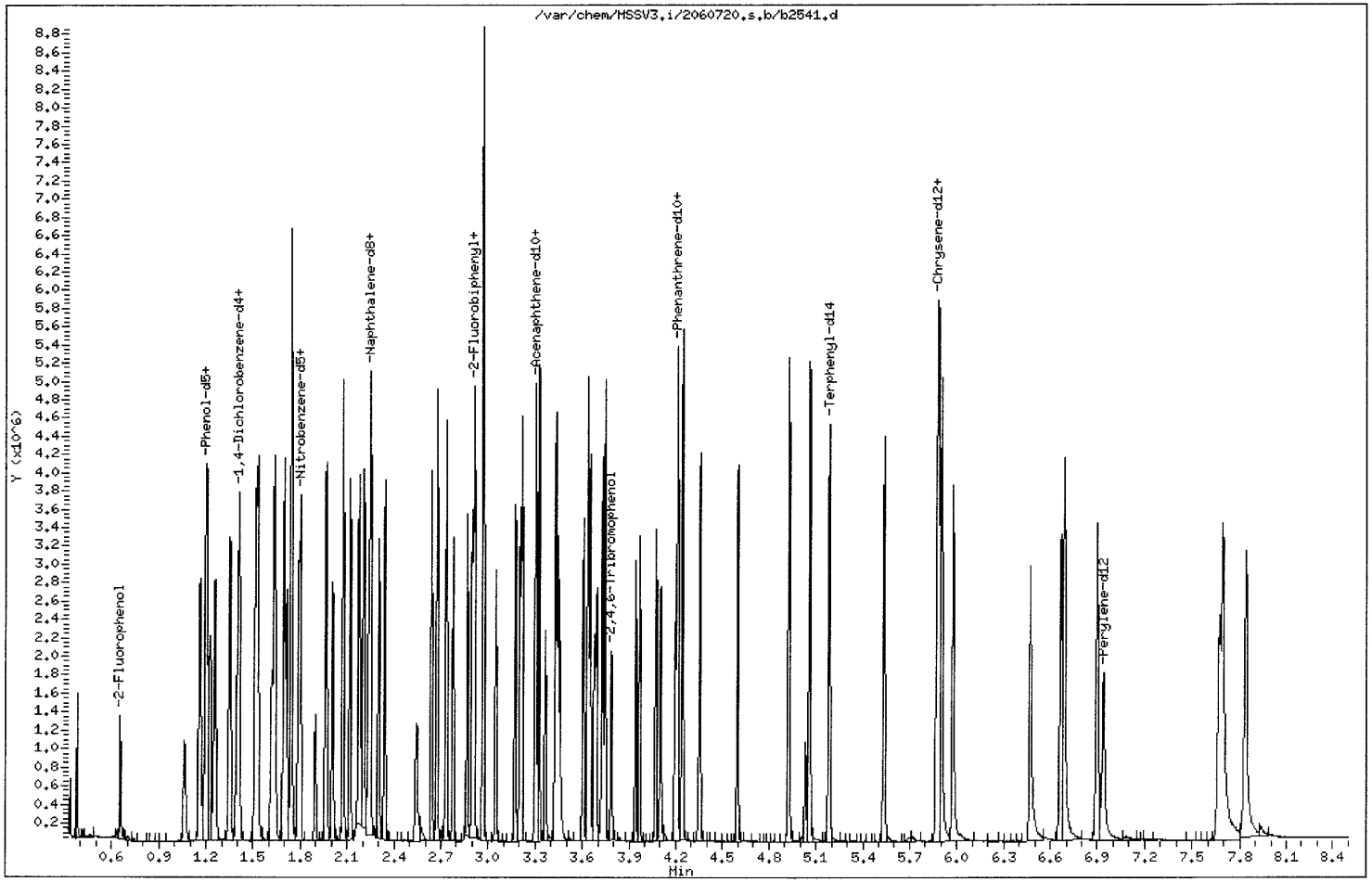
Volume Injected (uL): 1.0

Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr

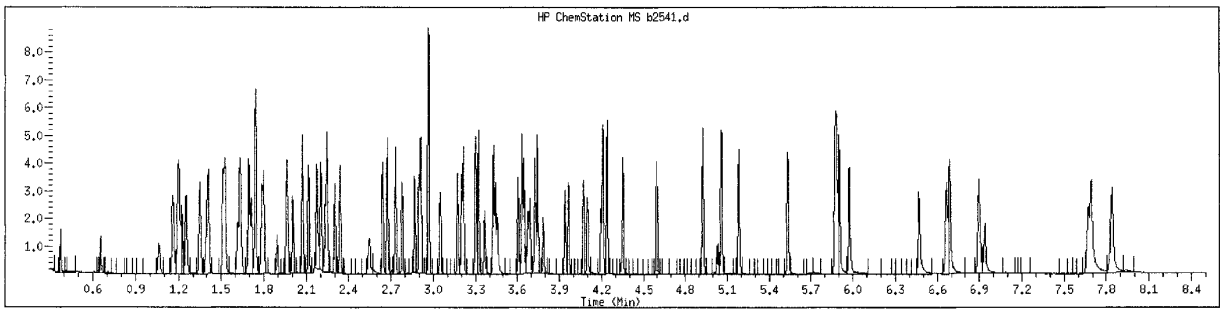
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060720.s.b/b2541.d Page: 1
Report Date: 07/20/2006 15:14

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1206	SampleType	: CALIB_6
Injection Date	: 20-JUL-2006 08:05	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1206*4-57-11		
Misc Info	: STD080*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist:	8270C



NO MANUAL INTEGRATIONS

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2542.d
Lab Smp Id: 1207 Client Smp ID: STD120
Inj Date : 20-JUL-2006 08:20
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1207*4-57-12
Misc Info : STD120*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:14 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 08:20 Cal File: b2542.d
Als bottle: 5 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	2 Pyridine	79	0.375	0.375	(0.269)	348127	120.000	135
	1 n-Nitrosodimethylamine	42	0.372	0.372	(0.267)	80764	120.000	127
$	3 2-Fluorophenol	112	0.653	0.653	(0.468)	311531	120.000	124
$	4 Phenol-d5	99	1.201	1.201	(0.860)	1424207	120.000	113
	5 Aniline	93	1.164	1.164	(0.833)	1918541	120.000	117
	6 Phenol +	94	1.213	1.213	(0.868)	1965606	120.000	108
	7 bis(-2-Chloroethyl)Ether	63	1.232	1.232	(0.882)	1078383	120.000	121
	8 2-Chlorophenol	128	1.261	1.261	(0.902)	823510	120.000	117
	9 1,3-Dichlorobenzene	146	1.354	1.354	(0.970)	888116	120.000	113
*	10 1,4-Dichlorobenzene-d4	152	1.400	1.400	(1.000)	169784	40.0000	
	11 1,4-Dichlorobenzene +	146	1.411	1.411	(1.010)	909792	120.000	117
	12 Benzyl alcohol	108	1.530	1.530	(1.095)	839570	120.000	119
	13 1,2-Dichlorobenzene	146	1.516	1.516	(1.085)	856816	120.000	114

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.635	1.635	(1.171)	1149570	120.000	109
	14 Bis(2-chloroisopropyl)ether	45	1.618	1.618	(1.158)	791302	120.000	118
	17 3- & 4-Methylphenol	108	1.746	1.746	(1.250)	1066301	120.000	115
	16 N-Nitroso-di-n-propylamine++	70	1.718	1.718	(1.230)	1124035	120.000	117
	18 Hexachloroethane	117	1.740	1.740	(1.246)	440465	120.000	109
$	19 Nitrobenzene-d5	82	1.792	1.792	(0.802)	1722361	120.000	115
	20 Nitrobenzene	77	1.806	1.806	(0.808)	1742262	120.000	117
	21 Isophorone	82	1.968	1.968	(0.881)	2895053	120.000	108
	22 2-Nitrophenol +	139	2.007	2.007	(0.898)	407006	120.000	113
	23 2,4-Dimethyphenol	107	2.075	2.075	(0.929)	1185067	120.000	111
	24 bis(-2-Chloroethoxy)methane	93	2.121	2.121	(0.949)	1644933	120.000	112
	25 Benzoic Acid	122	2.212	2.212	(0.990)	385378	120.000	120
	26 2,4-Dichlorophenol +	162	2.178	2.178	(0.975)	608070	120.000	110
	27 1,2,4-Trichlorobenzene	180	2.209	2.209	(0.989)	677316	120.000	110
*	28 Naphthalene-d8	136	2.234	2.234	(1.000)	612772	40.0000	
	29 Naphthalene	128	2.249	2.249	(1.006)	1995767	120.000	113
	30 4-Chloroaniline	127	2.302	2.302	(1.030)	672540	120.000	108
	31 Hexachlorobutadiene +	225	2.339	2.339	(1.047)	515434	120.000	114
	32 4-Chloro-3-Methylphenol +	107	2.643	2.643	(1.183)	955500	120.000	110
	33 2-Methylnaphthalene	142	2.677	2.677	(1.198)	1220202	120.000	107
	145 1-Methylnapthalene	142	2.734	2.734	(1.224)	1050708	120.000	112
	34 Hexachlorocyclopentadiene ++	237	2.779	2.779	(0.842)	540478	120.000	131
	35 2,4,6-Trichlorophenol +	196	2.870	2.870	(0.869)	412292	120.000	114
	36 2,4,5-Trichlorphenol	196	2.898	2.898	(0.878)	425631	120.000	115
$	37 2-Fluorobiphenyl	172	2.913	2.913	(0.882)	1279560	120.000	120
	38 2-Chloronaphthalene	162	2.969	2.969	(0.899)	1108698	120.000	115
	39 2-Nitroaniline	138	3.052	3.052	(0.924)	346964	120.000	115
	40 Dimethylphthalate	163	3.177	3.177	(0.962)	1161125	120.000	115
	41 2,6-Dinitrotoluene	165	3.205	3.205	(0.971)	284100	120.000	116
	42 Acenaphthylene	152	3.214	3.214	(0.973)	1685805	120.000	110
	43 3-Nitroaniline	138	3.304	3.304	(1.001)	266488	120.000	116
*	44 Acenaphthene-d10	164	3.302	3.302	(1.000)	312046	40.0000	
	45 Acenaphthene +	153	3.324	3.324	(1.007)	1033380	120.000	107
	46 2,4-Dinitrophenol ++	184	3.367	3.367	(1.020)	239449	120.000	116
	49 4-Nitrophenol ++	109	3.455	3.455	(1.046)	289799	120.000	118
	47 Dibenzofuran	168	3.429	3.429	(1.039)	1528852	120.000	108
	48 2,4-Dinitrotoluene	165	3.443	3.443	(1.043)	386283	120.000	113
	50 Diethylphthalate	149	3.608	3.608	(1.093)	1105234	120.000	115
	52 4-Chlorophenyl-phenylether	204	3.651	3.651	(1.106)	596012	120.000	112
	51 Fluorene	166	3.636	3.636	(1.101)	1217052	120.000	108
	53 4-Nitroaniline	138	3.679	3.679	(1.114)	253081	120.000	111
	54 4,6-Dinitro-o-cresol	198	3.693	3.693	(0.881)	285853	120.000	118
	55 N-nitrosodiphenylamine (1)+	169	3.730	3.730	(0.890)	772235	120.000	109
	56 Azobenzene	77	3.744	3.744	(0.893)	2317056	120.000	111
$	57 2,4,6-Tribromophenol	332	3.787	3.787	(1.147)	178878	120.000	114
	58 4-Bromophenyl-phenylether	248	3.943	3.943	(0.940)	325889	120.000	119
	59 Hexachlorobenzene	284	3.969	3.969	(0.947)	398622	120.000	107

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.102	4.102	(0.978)	274260	120.000	125
*	61 Phenanthrene-d10	188	4.193	4.193	(1.000)	494906	40.0000	
	62 Phenanthrene	178	4.210	4.210	(1.004)	1629288	120.000	103
	63 Anthracene	178	4.241	4.241	(1.012)	1714442	120.000	110
	64 Carbazole	167	4.355	4.355	(1.039)	1402710	120.000	114
	65 Di-n-butylphthalate	149	4.596	4.596	(1.096)	1711498	120.000	120
	67 Fluoranthene +	202	4.928	4.928	(1.175)	1820806	120.000	121
	68 Benzidine	184	5.030	5.030	(0.855)	238479	120.000	80.2
	69 Pyrene	202	5.058	5.058	(0.860)	1868778	120.000	114
$	70 Terphenyl-d14	244	5.183	5.183	(0.881)	1310674	120.000	115
	71 Butylbenzylphthalate	149	5.532	5.532	(0.941)	810182	120.000	127
	73 3,3'-Dichlorobenzidine	252	5.884	5.884	(1.000)	551932	120.000	118
	72 Benzo(a)anthracene	228	5.873	5.873	(0.999)	1839813	120.000	116
*	74 Chrysene-d12	240	5.881	5.881	(1.000)	489205	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.972	5.972	(1.015)	1011033	120.000	123
	75 Chrysene	228	5.901	5.901	(1.003)	1985423	120.000	119
	77 Di-n-octylphthalate +	149	6.469	6.469	(1.100)	1771539	120.000	127
	78 Benzo(b)fluoranthene	252	6.668	6.668	(0.961)	1942271	120.000	126
	79 Benzo(k)fluoranthene	252	6.690	6.690	(0.964)	2093516	120.000	111
	80 Benzo(a)pyrene +	252	6.898	6.898	(0.994)	1946450	120.000	138
*	81 Perylene-d12	264	6.937	6.937	(1.000)	535383	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.672	7.672	(1.304)	2282663	120.000	120
	83 Dibenzo(a,h)anthracene	278	7.695	7.695	(1.109)	1894025	120.000	115
	84 Benzo(g,h,i)perylene	276	7.843	7.843	(1.131)	2020460	120.000	116
M	66 Total Methylphenol	108				2215871	240.000	233(A)
	91 Acetophenone	105	1.701	1.701	(1.217)	1563968	120.000	118
	155 Benzaldehyde	77	1.065	1.065	(0.762)	392072	120.000	118
	156 Caprolactam	113	2.555	2.555	(1.144)	293775	120.000	122
	157 Biphenyl	154	2.967	2.967	(1.328)	1261560	120.000	104
	158 Atrazine	200	4.074	4.074	(0.972)	304989	120.000	122
	174 1,4-Dioxane	88	0.333	0.333	(0.238)	117987	120.000	123

QC Flag Legend

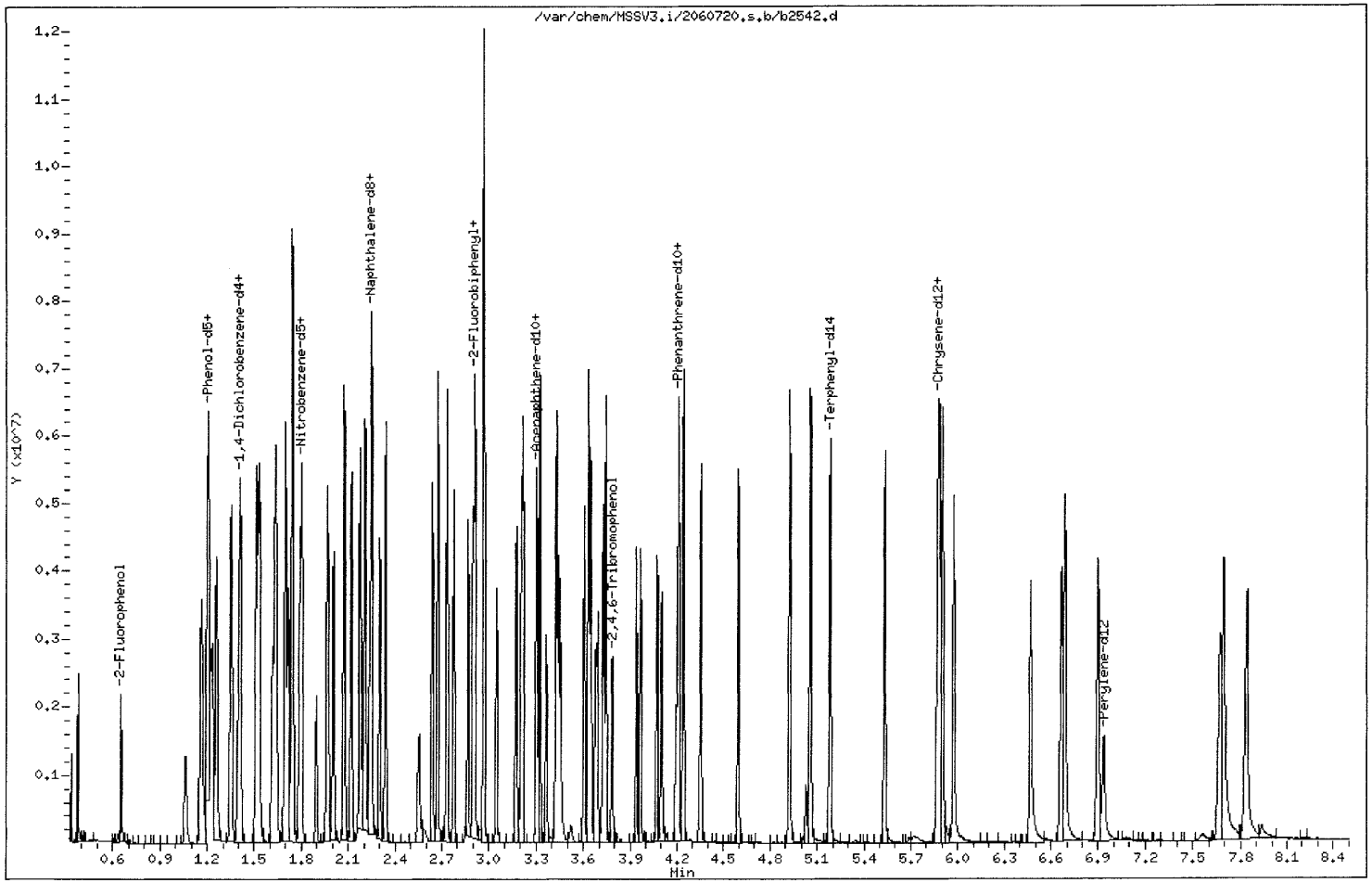
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/MSSV3.i/2060720.s.b/b2542.d
Date : 20-JUL-2006 08:20
Client ID: STD120
Sample Info: 1207*4-57-12
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25

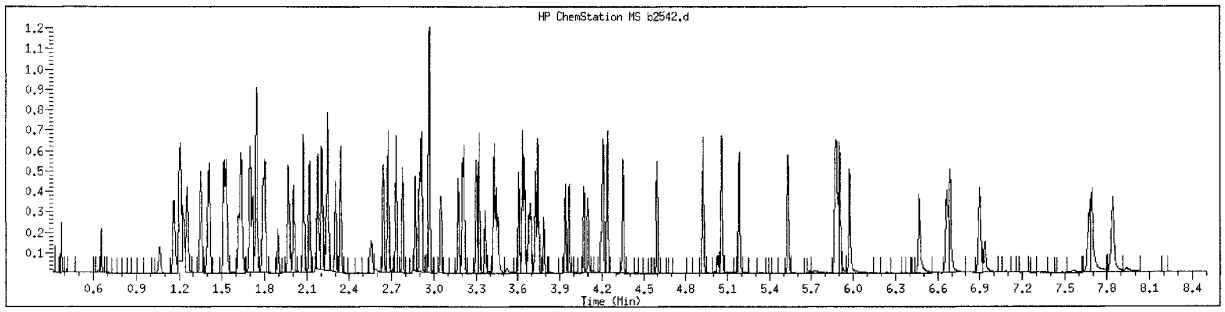


189054

Data file : /var/chem/MSSV3.i/2060720.s.b/b2542.d
Report Date: 07/20/2006 15:14

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1207	SampleType	: CALIB_7
Injection Date	: 20-JUL-2006 08:20	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1207*4-57-12		
Misc Info	: STD120*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8270C



NO MANUAL INTEGRATIONS

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2543.d
Lab Smp Id: 1208 Client Smp ID: STD160
Inj Date : 20-JUL-2006 08:35
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1208*4-57-13
Misc Info : STD160*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:14 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 08:35 Cal File: b2543.d
Als bottle: 6 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	2 Pyridine	79	0.378	0.378	(0.269)	343867	160.000	145
	1 n-Nitrosodimethylamine	42	0.372	0.372	(0.265)	94299	160.000	160
$	3 2-Fluorophenol	112	0.653	0.653	(0.466)	363104	160.000	156
$	4 Phenol-d5	99	1.204	1.204	(0.858)	1703946	160.000	146
	5 Aniline	93	1.167	1.167	(0.832)	2157832	160.000	142
	6 Phenol +	94	1.215	1.215	(0.866)	2214928	160.000	132
	7 bis(-2-Chloroethyl)Ether	63	1.238	1.238	(0.883)	1239533	160.000	151
	8 2-Chlorophenol	128	1.263	1.263	(0.901)	957637	160.000	147
	9 1,3-Dichlorobenzene	146	1.357	1.357	(0.968)	1112695	160.000	153
*	10 1,4-Dichlorobenzene-d4	152	1.400	1.400	(1.000)	156732	40.0000	
	11 1,4-Dichlorobenzene +	146	1.414	1.414	(1.008)	1080575	160.000	150
	12 Benzyl alcohol	108	1.539	1.539	(1.097)	964077	160.000	148
	13 1,2-Dichlorobenzene	146	1.516	1.516	(1.081)	1032102	160.000	149

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.638	1.638	(1.168)	1383514	160.000	143
	14 Bis(2-chloroisopropyl)ether	45	1.618	1.618	(1.154)	907486	160.000	147
	17 3- & 4-Methylphenol	108	1.749	1.749	(1.247)	1241945	160.000	146
	16 N-Nitroso-di-n-propylamine++	70	1.723	1.723	(1.229)	1320264	160.000	148
	18 Hexachloroethane	117	1.740	1.740	(1.241)	537108	160.000	145
$	19 Nitrobenzene-d5	82	1.794	1.794	(0.802)	2059902	160.000	152
	20 Nitrobenzene	77	1.808	1.808	(0.808)	1996180	160.000	148
	21 Isophorone	82	1.970	1.970	(0.881)	3597643	160.000	149
	22 2-Nitrophenol +	139	2.010	2.010	(0.898)	481751	160.000	148
	23 2,4-Dimethyphenol	107	2.078	2.078	(0.929)	1464282	160.000	152
	24 bis(-2-Chloroethoxy)methane	93	2.121	2.121	(0.948)	1929578	160.000	146
	25 Benzoic Acid	122	2.223	2.223	(0.994)	483541	160.000	167
	26 2,4-Dichlorophenol +	162	2.177	2.177	(0.973)	693521	160.000	139
	27 1,2,4-Trichlorobenzene	180	2.209	2.209	(0.987)	810720	160.000	146
*	28 Naphthalene-d8	136	2.237	2.237	(1.000)	553044	40.0000	
	29 Naphthalene	128	2.251	2.251	(1.006)	2391102	160.000	150
	30 4-Chloroaniline	127	2.305	2.305	(1.030)	794022	160.000	141
	31 Hexachlorobutadiene +	225	2.342	2.342	(1.047)	600191	160.000	147
	32 4-Chloro-3-Methylphenol +	107	2.646	2.646	(1.183)	1142052	160.000	145
	33 2-Methylnaphthalene	142	2.677	2.677	(1.197)	1475409	160.000	143
	145 1-Methylnapthalene	142	2.736	2.736	(1.223)	1202358	160.000	142
	34 Hexachlorocyclopentadiene ++	237	2.779	2.779	(0.841)	628316	160.000	164
	35 2,4,6-Trichlorophenol +	196	2.870	2.870	(0.869)	512924	160.000	152
	36 2,4,5-Trichlorphenol	196	2.901	2.901	(0.878)	502448	160.000	146
$	37 2-Fluorobiphenyl	172	2.915	2.915	(0.882)	1456523	160.000	147
	38 2-Chloronaphthalene	162	2.972	2.972	(0.899)	1327021	160.000	149
	39 2-Nitroaniline	138	3.054	3.054	(0.924)	437763	160.000	157
	40 Dimethylphthalate	163	3.179	3.179	(0.962)	1438968	160.000	153
	41 2,6-Dinitrotoluene	165	3.208	3.208	(0.971)	348498	160.000	153
	42 Acenaphthylene	152	3.216	3.216	(0.973)	2024430	160.000	143
	43 3-Nitroaniline	138	3.310	3.310	(1.002)	327124	160.000	153
*	44 Acenaphthene-d10	164	3.304	3.304	(1.000)	289655	40.0000	
	45 Acenaphthene +	153	3.327	3.327	(1.007)	1329866	160.000	148
	46 2,4-Dinitrophenol ++	184	3.369	3.369	(1.020)	305828	160.000	164
	49 4-Nitrophenol ++	109	3.457	3.457	(1.046)	383155	160.000	169
	47 Dibenzofuran	168	3.432	3.432	(1.039)	1888559	160.000	144
	48 2,4-Dinitrotoluene	165	3.449	3.449	(1.044)	481514	160.000	152
	50 Diethylphthalate	149	3.611	3.611	(1.093)	1394915	160.000	157
	52 4-Chlorophenyl-phenylether	204	3.650	3.650	(1.105)	771103	160.000	156
	51 Fluorene	166	3.636	3.636	(1.101)	1512274	160.000	144
	53 4-Nitroaniline	138	3.687	3.687	(1.116)	340562	160.000	160
	54 4,6-Dinitro-o-cresol	198	3.699	3.699	(0.882)	375013	160.000	161
	55 N-nitrosodiphenylamine (1)+	169	3.730	3.730	(0.889)	980793	160.000	144
	56 Azobenzene	77	3.747	3.747	(0.893)	3032239	160.000	151
$	57 2,4,6-Tribromophenol	332	3.789	3.789	(1.147)	227107	160.000	156
	58 4-Bromophenyl-phenylether	248	3.943	3.943	(0.940)	387937	160.000	147
	59 Hexachlorobenzene	284	3.971	3.971	(0.947)	510101	160.000	142

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.105	4.105	(0.978)	364781	160.000	173
*	61 Phenanthrene-d10	188	4.195	4.195	(1.000)	475622	40.0000	
	62 Phenanthrene	178	4.212	4.212	(1.004)	2058906	160.000	136
	63 Anthracene	178	4.244	4.244	(1.012)	2192233	160.000	147
	64 Carbazole	167	4.357	4.357	(1.039)	1831536	160.000	155
	65 Di-n-butylphthalate	149	4.598	4.598	(1.096)	2196357	160.000	160
	67 Fluoranthene +	202	4.930	4.930	(1.175)	2247530	160.000	155
	68 Benzidine	184	5.035	5.035	(0.856)	245144	160.000	83.7
	69 Pyrene	202	5.064	5.064	(0.861)	2399881	160.000	146
$	70 Terphenyl-d14	244	5.186	5.186	(0.881)	1743920	160.000	154
	71 Butylbenzylphthalate	149	5.535	5.535	(0.941)	1044019	160.000	163
	73 3,3'-Dichlorobenzidine	252	5.887	5.887	(1.000)	754303	160.000	162
	72 Benzo(a)anthracene	228	5.876	5.876	(0.999)	2469164	160.000	155
*	74 Chrysene-d12	240	5.884	5.884	(1.000)	488711	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.975	5.975	(1.015)	1323947	160.000	165
	75 Chrysene	228	5.907	5.907	(1.004)	2552169	160.000	153
	77 Di-n-octylphthalate +	149	6.472	6.472	(1.100)	2320739	160.000	167
	78 Benzo(b)fluoranthene	252	6.673	6.673	(0.962)	2410386	160.000	163
	79 Benzo(k)fluoranthene	252	6.696	6.696	(0.965)	2895266	160.000	166
	80 Benzo(a)pyrene +	252	6.906	6.906	(0.995)	2611719	160.000	193
*	81 Perylene-d12	264	6.940	6.940	(1.000)	514393	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.678	7.678	(1.305)	3140881	160.000	165
	83 Dibenzo(a,h)anthracene	278	7.703	7.703	(1.110)	2533496	160.000	159
	84 Benzo(g,h,i)perylene	276	7.851	7.851	(1.131)	2773823	160.000	159
M	66 Total Methylphenol	108				2625459	320.000	299(A)
	91 Acetophenone	105	1.703	1.703	(1.215)	1832451	160.000	150
	155 Benzaldehyde	77	1.065	1.065	(0.759)	414471	160.000	159
	156 Caprolactam	113	2.569	2.569	(1.148)	288901	160.000	133
	157 Biphenyl	154	2.969	2.969	(1.327)	1538702	160.000	141
	158 Atrazine	200	4.076	4.076	(0.972)	392137	160.000	163
	174 1,4-Dioxane	88	0.332	0.332	(0.237)	130470	160.000	147

QC Flag Legend

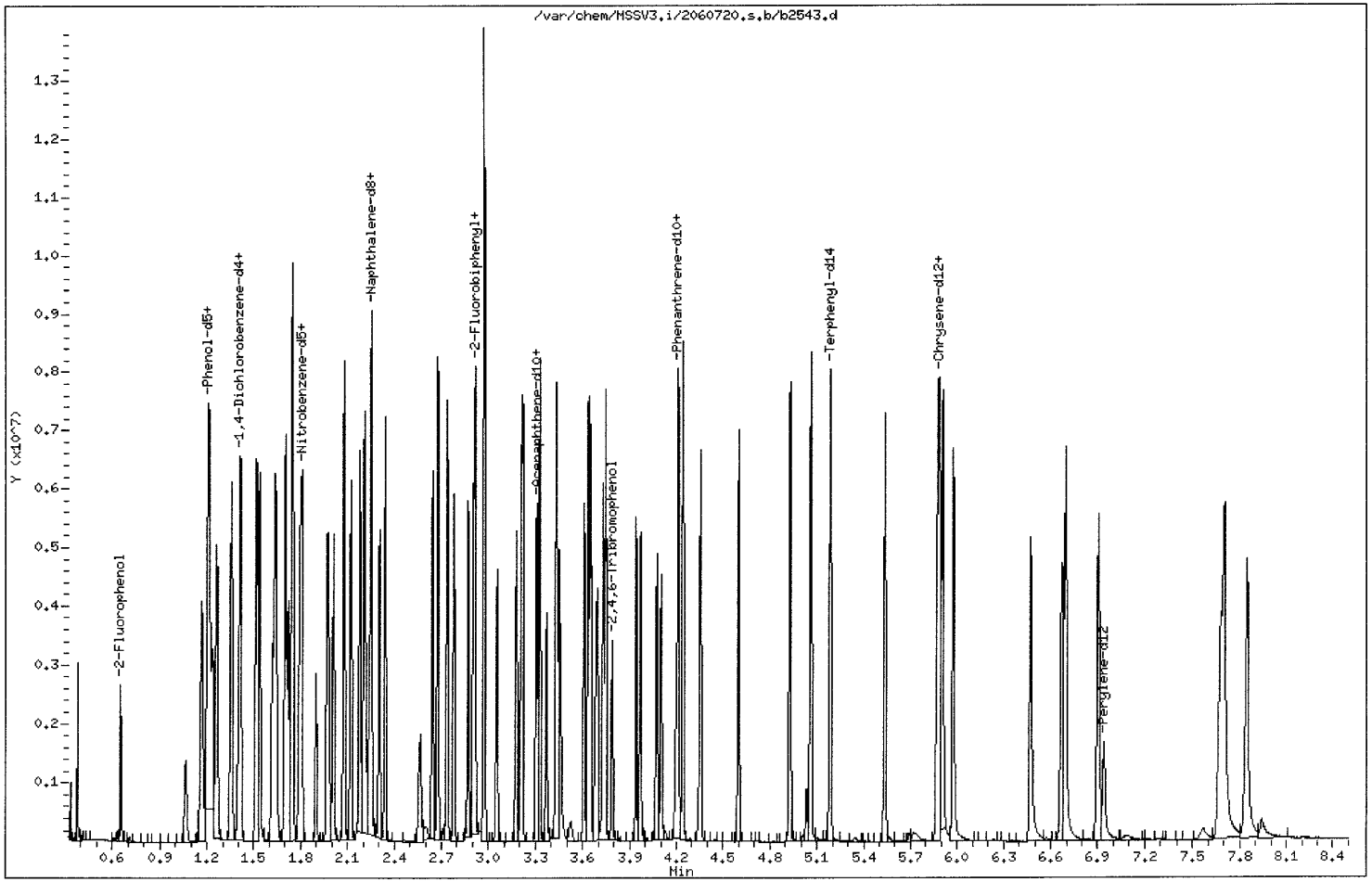
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/MSSV3.i/2060720.s.b/b2543.d
Date : 20-JUL-2006 08:35
Client ID: STD160
Sample Info: 1208*4-57-13
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

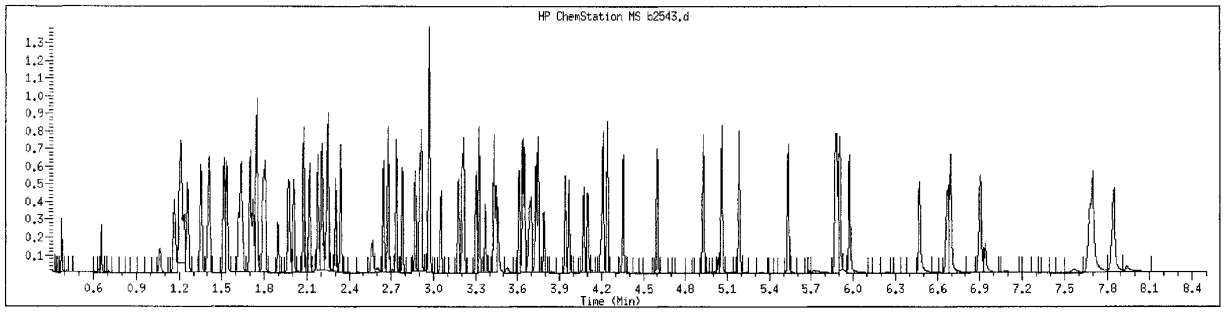
Operator: rrr
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060720.s.b/b2543.d Page: 1
Report Date: 07/20/2006 15:14

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 1208	SampleType	: CALIB_8
Injection Date	: 20-JUL-2006 08:35	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1208*4-57-13		
Misc Info	: STD160*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8270C



NO MANUAL INTEGRATIONS

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2544.d
Lab Smp Id: 1209 Client Smp ID: STD200
Inj Date : 20-JUL-2006 08:50
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1209*4-57-14
Misc Info : STD200*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:14 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 08:50 Cal File: b2544.d
Als bottle: 7 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	2 Pyridine	79	0.381	0.381	(0.272)	495251	200.000	179
	1 n-Nitrosodimethylamine	42	0.378	0.378	(0.270)	144181	200.000	211(A)
$	3 2-Fluorophenol	112	0.656	0.656	(0.468)	524047	200.000	194
$	4 Phenol-d5	99	1.210	1.210	(0.862)	2298449	200.000	169
	5 Aniline	93	1.176	1.176	(0.838)	2920762	200.000	166
	6 Phenol +	94	1.224	1.224	(0.873)	2909728	200.000	149
	7 bis(-2-Chloroethyl)Ether	63	1.247	1.247	(0.889)	1737378	200.000	182(MH)
	8 2-Chlorophenol	128	1.269	1.269	(0.905)	1311011	200.000	173
	9 1,3-Dichlorobenzene	146	1.363	1.363	(0.972)	1477447	200.000	175
*	10 1,4-Dichlorobenzene-d4	152	1.403	1.403	(1.000)	182448	40.0000	
	11 1,4-Dichlorobenzene +	146	1.417	1.417	(1.010)	1494131	200.000	178
	12 Benzyl alcohol	108	1.547	1.547	(1.103)	1341480	200.000	177
	13 1,2-Dichlorobenzene	146	1.522	1.522	(1.085)	1436953	200.000	178

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.641	1.641	(1.170)	1868227	200.000	165
	14 Bis(2-chloroisopropyl)ether	45	1.624	1.624	(1.158)	1295198	200.000	180
	17 3- & 4-Methylphenol	108	1.757	1.757	(1.253)	1704753	200.000	172
	16 N-Nitroso-di-n-propylamine++	70	1.729	1.729	(1.233)	1696003	200.000	164
	18 Hexachloroethane	117	1.743	1.743	(1.243)	733934	200.000	170
$	19 Nitrobenzene-d5	82	1.797	1.797	(0.802)	2830258	200.000	187
	20 Nitrobenzene	77	1.814	1.814	(0.810)	2648955	200.000	177
	21 Isophorone	82	1.982	1.982	(0.885)	5099532	200.000	189
	22 2-Nitrophenol +	139	2.016	2.016	(0.900)	649150	200.000	179
	23 2,4-Dimethyphenol	107	2.087	2.087	(0.932)	1946774	200.000	182
	24 bis(-2-Chloroethoxy)methane	93	2.126	2.126	(0.949)	2622209	200.000	177
	25 Benzoic Acid	122	2.231	2.231	(0.996)	565620	200.000	176(M)
	26 2,4-Dichlorophenol +	162	2.183	2.183	(0.975)	996449	200.000	179
	27 1,2,4-Trichlorobenzene	180	2.212	2.212	(0.987)	1144480	200.000	185
*	28 Naphthalene-d8	136	2.240	2.240	(1.000)	616431	40.0000	
	29 Naphthalene	128	2.254	2.254	(1.006)	3352177	200.000	188
	30 4-Chloroaniline	127	2.308	2.308	(1.030)	1019928	200.000	163
	31 Hexachlorobutadiene +	225	2.345	2.345	(1.047)	893750	200.000	196
	32 4-Chloro-3-Methylphenol +	107	2.652	2.652	(1.184)	1582353	200.000	181
	33 2-Methylnaphthalene	142	2.680	2.680	(1.196)	2113666	200.000	184
	145 1-Methylnapthalene	142	2.740	2.740	(1.223)	1735894	200.000	183
	34 Hexachlorocyclopentadiene ++	237	2.782	2.782	(0.842)	939229	200.000	214(A)
	35 2,4,6-Trichlorophenol +	196	2.873	2.873	(0.869)	738191	200.000	191
	36 2,4,5-Trichlorphenol	196	2.907	2.907	(0.880)	754272	200.000	192
$	37 2-Fluorobiphenyl	172	2.918	2.918	(0.883)	2185452	200.000	192
	38 2-Chloronaphthalene	162	2.978	2.978	(0.901)	1972327	200.000	193
	39 2-Nitroaniline	138	3.057	3.057	(0.925)	589661	200.000	185
	40 Dimethylphthalate	163	3.182	3.182	(0.963)	2073584	200.000	193
	41 2,6-Dinitrotoluene	165	3.213	3.213	(0.973)	493454	200.000	189
	42 Acenaphthylene	152	3.222	3.222	(0.975)	2993158	200.000	184
	43 3-Nitroaniline	138	3.313	3.313	(1.003)	452371	200.000	185
*	44 Acenaphthene-d10	164	3.304	3.304	(1.000)	331784	40.0000	
	45 Acenaphthene +	153	3.330	3.330	(1.008)	1793188	200.000	174
	46 2,4-Dinitrophenol ++	184	3.375	3.375	(1.021)	415264	200.000	198
	49 4-Nitrophenol ++	109	3.463	3.463	(1.048)	503622	200.000	194
	47 Dibenzofuran	168	3.435	3.435	(1.040)	2657045	200.000	176
	48 2,4-Dinitrotoluene	165	3.452	3.452	(1.045)	682076	200.000	188
	50 Diethylphthalate	149	3.617	3.617	(1.094)	1951621	200.000	192
	52 4-Chlorophenyl-phenylether	204	3.653	3.653	(1.106)	1034708	200.000	183
	51 Fluorene	166	3.642	3.642	(1.102)	2177829	200.000	182
	53 4-Nitroaniline	138	3.693	3.693	(1.118)	439702	200.000	181
	54 4,6-Dinitro-o-cresol	198	3.704	3.704	(0.882)	489601	200.000	181
	55 N-nitrosodiphenylamine (1)+	169	3.736	3.736	(0.890)	1385110	200.000	176
	56 Azobenzene	77	3.750	3.750	(0.893)	4165902	200.000	179
$	57 2,4,6-Tribromophenol	332	3.792	3.792	(1.148)	330920	200.000	199
	58 4-Bromophenyl-phenylether	248	3.946	3.946	(0.940)	569271	200.000	186
	59 Hexachlorobenzene	284	3.974	3.974	(0.947)	763148	200.000	184

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.108	4.108	(0.978)	496161	200.000	203(A)
*	61 Phenanthrene-d10	188	4.198	4.198	(1.000)	551344	40.0000	
	62 Phenanthrene	178	4.215	4.215	(1.004)	2992605	200.000	171
	63 Anthracene	178	4.249	4.249	(1.012)	3128601	200.000	180
	64 Carbazole	167	4.360	4.360	(1.039)	2377673	200.000	174
	65 Di-n-butylphthalate	149	4.601	4.601	(1.096)	2979297	200.000	188
	67 Fluoranthene +	202	4.933	4.933	(1.175)	3161302	200.000	188
	68 Benzidine	184	5.038	5.038	(0.856)	232428	200.000	67.3
	69 Pyrene	202	5.064	5.064	(0.860)	3207622	200.000	178
$	70 Terphenyl-d14	244	5.189	5.189	(0.881)	2432701	200.000	195
	71 Butylbenzylphthalate	149	5.538	5.538	(0.941)	1374108	200.000	196
	73 3,3'-Dichlorobenzidine	252	5.890	5.890	(1.000)	972143	200.000	189
	72 Benzo(a)anthracene	228	5.879	5.879	(0.999)	3402020	200.000	194
*	74 Chrysene-d12	240	5.887	5.887	(1.000)	537704	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.978	5.978	(1.015)	1700329	200.000	196
	75 Chrysene	228	5.910	5.910	(1.004)	3473188	200.000	189
	77 Di-n-octylphthalate +	149	6.475	6.475	(1.100)	3075441	200.000	201(A)
	78 Benzo(b)fluoranthene	252	6.682	6.682	(0.963)	2959612	200.000	195
	79 Benzo(k)fluoranthene	252	6.702	6.702	(0.966)	3476400	200.000	198(H)
	80 Benzo(a)pyrene +	252	6.912	6.912	(0.996)	3341150	200.000	240(A)
*	81 Perylene-d12	264	6.940	6.940	(1.000)	527880	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.687	7.687	(1.306)	4122921	200.000	197
	83 Dibenzo(a,h)anthracene	278	7.709	7.709	(1.111)	3376939	200.000	206(A)
	84 Benzo(g,h,i)perylene	276	7.860	7.860	(1.133)	3731081	200.000	201(A)
M	66 Total Methylphenol	108				3572980	400.000	349(A)
	91 Acetophenone	105	1.709	1.709	(1.219)	2538579	200.000	178
	155 Benzaldehyde	77	1.068	1.068	(0.761)	418190	200.000	116
	156 Caprolactam	113	2.586	2.586	(1.155)	419231	200.000	173
	157 Biphenyl	154	2.975	2.975	(1.328)	2201494	200.000	181
	158 Atrazine	200	4.085	4.085	(0.973)	552130	200.000	198
	174 1,4-Dioxane	88	0.336	0.336	(0.239)	174451	200.000	169

QC Flag Legend

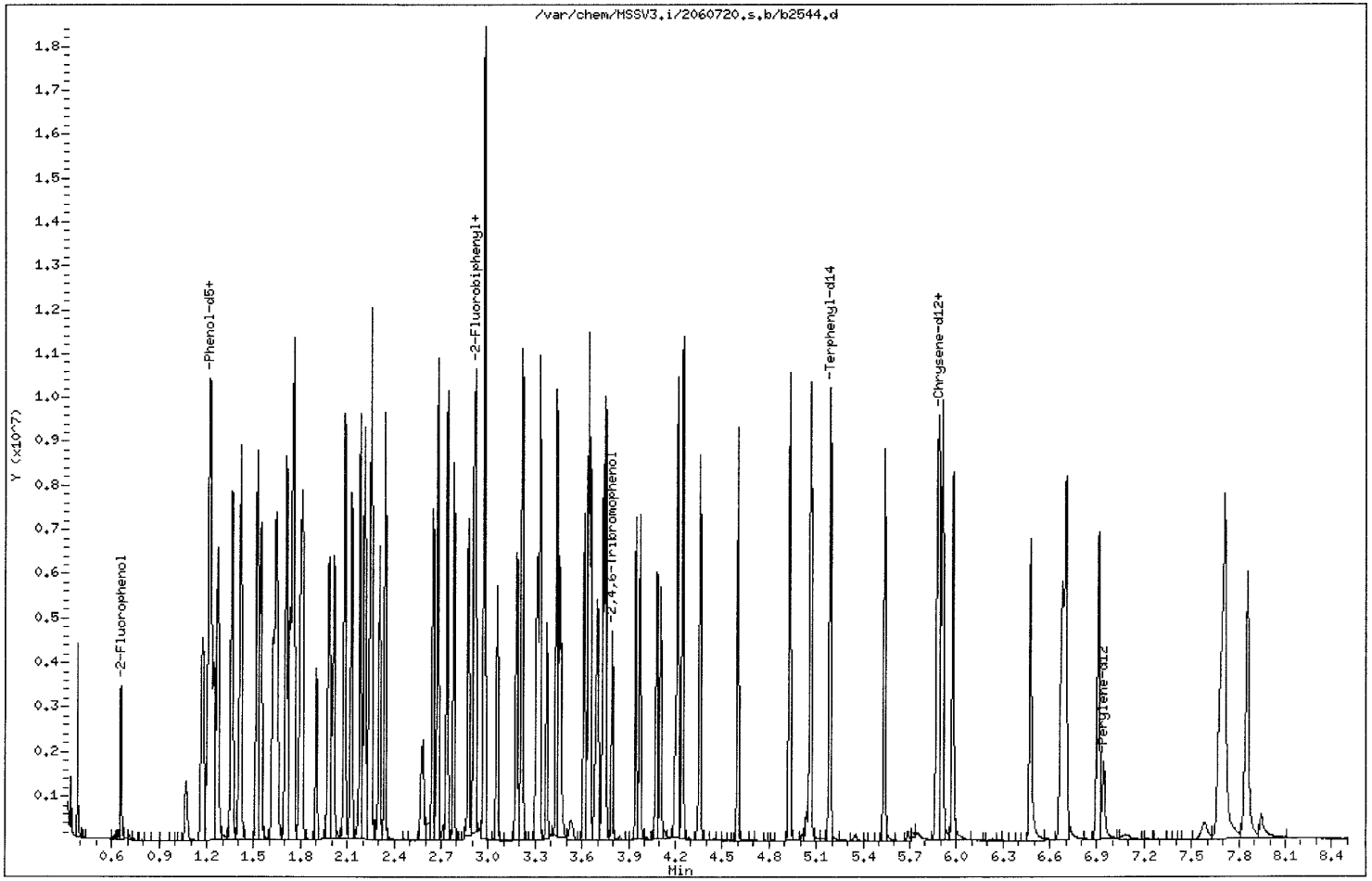
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060720.s.b/b2544.d
Date : 20-JUL-2006 08:50
Client ID: STD200
Sample Info: 1209*4-57-14
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25

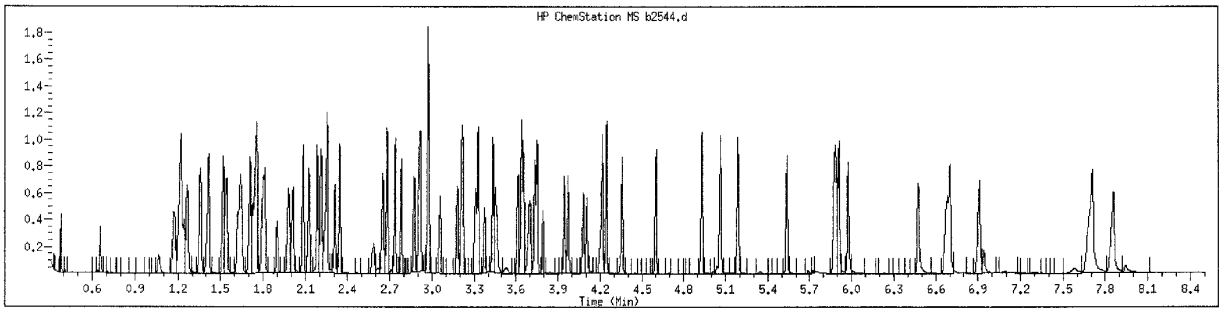


189064

Data file : /var/chem/MSSV3.i/2060720.s.b/b2544.d Page: 1
Report Date: 07/20/2006 15:14

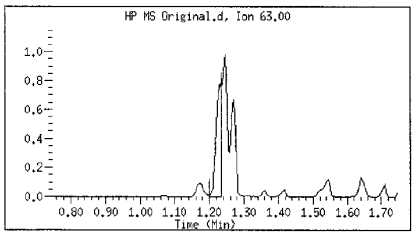
MANUAL INTEGRATION GRAPHIC REPORT

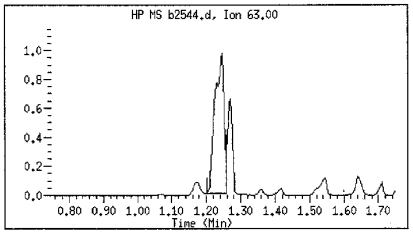
Lab ID : 1209 SampleType : CALIB_9
Injection Date: 20-JUL-2006 08:50 Instrument : MSSV3.i
Operator : rrr
Sample Info : 1209*4-57-14
Misc Info : STD200*MSSV~3835~*
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Dilution : 1.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: 8270C



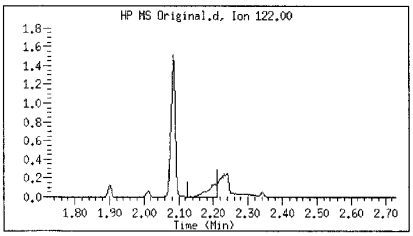
Original Final

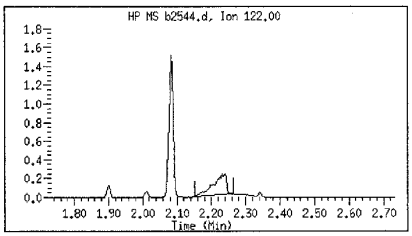
7 bis(-2-Chloroethyl)Ether CAS#: 111-44-4





25 Benzoic Acid CAS#: 65-85-0





GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2545.d
Lab Smp Id: 1203 Client Smp ID: STD002
Inj Date : 20-JUL-2006 09:05
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1203*4-57-15
Misc Info : STD002*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:14 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 09:05 Cal File: b2545.d
Als bottle: 8 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	ON-COL (ppm)
2 Pyridine	79	0.384	0.384	(0.275)	6989	2.00000	1.88(a)
1 n-Nitrosodimethylamine	42	0.372	0.372	(0.267)	2762	2.00000	3.01(a)
$ 3 2-Fluorophenol	112	0.656	0.656	(0.471)	7672	2.00000	2.11(a)
$ 4 Phenol-d5	99	1.198	1.198	(0.860)	41830	2.00000	2.29(a)
5 Aniline	93	1.159	1.159	(0.831)	47683	2.00000	2.01(a)
6 Phenol +	94	1.207	1.207	(0.866)	61777	2.00000	2.35(a)
7 bis(-2-Chloroethyl)Ether	63	1.221	1.221	(0.876)	28883	2.00000	2.25(a)
8 2-Chlorophenol	128	1.255	1.255	(0.900)	22718	2.00000	2.23(a)
9 1,3-Dichlorobenzene	146	1.349	1.349	(0.967)	26709	2.00000	2.35(a)
* 10 1,4-Dichlorobenzene-d4	152	1.394	1.394	(1.000)	245101	40.0000	
11 1,4-Dichlorobenzene +	146	1.408	1.408	(1.010)	25923	2.00000	2.31(a)
12 Benzyl alcohol	108	1.522	1.522	(1.092)	23561	2.00000	2.31(a)
13 1,2-Dichlorobenzene	146	1.513	1.513	(1.085)	26713	2.00000	2.47(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.630	1.630	(1.169)	36120	2.00000	2.38(a)
	14 Bis(2-chloroisopropyl)ether	45	1.616	1.616	(1.159)	21825	2.00000	2.26(a)
	17 3- & 4-Methylphenol	108	1.738	1.738	(1.246)	34996	2.00000	2.63(a)
	16 N-Nitroso-di-n-propylamine++	70	1.704	1.704	(1.222)	32164	2.00000	2.31(a)
	18 Hexachloroethane	117	1.738	1.738	(1.246)	12831	2.00000	2.21(a)
$	19 Nitrobenzene-d5	82	1.783	1.783	(0.799)	47972	2.00000	2.16(a)
	20 Nitrobenzene	77	1.797	1.797	(0.805)	48267	2.00000	2.20(a)
	21 Isophorone	82	1.956	1.956	(0.877)	89667	2.00000	2.27(a)
	22 2-Nitrophenol +	139	2.002	2.002	(0.897)	11744	2.00000	2.22(a)
	23 2,4-Dimethyphenol	107	2.070	2.070	(0.927)	33795	2.00000	2.15(a)
	24 bis(-2-Chloroethoxy)methane	93	2.112	2.112	(0.947)	48001	2.00000	2.22(a)
	25 Benzoic Acid	122	2.161	2.161	(0.968)	2457	2.00000	0.520(a)
	26 2,4-Dichlorophenol +	162	2.175	2.175	(0.975)	20111	2.00000	2.46(a)
	27 1,2,4-Trichlorobenzene	180	2.203	2.203	(0.987)	21619	2.00000	2.38(a)
*	28 Naphthalene-d8	136	2.232	2.232	(1.000)	903504	40.0000	
	29 Naphthalene	128	2.243	2.243	(1.005)	64055	2.00000	2.45(a)
	30 4-Chloroaniline	127	2.300	2.300	(1.031)	20212	2.00000	2.20(a)
	31 Hexachlorobutadiene +	225	2.337	2.337	(1.047)	14840	2.00000	2.23(a)
	32 4-Chloro-3-Methylphenol +	107	2.635	2.635	(1.181)	29220	2.00000	2.28(a)
	33 2-Methylnaphthalene	142	2.671	2.671	(1.197)	36794	2.00000	2.18(a)
	145 1-Methylnapthalene	142	2.731	2.731	(1.224)	32388	2.00000	2.34(a)
	34 Hexachlorocyclopentadiene ++	237	2.776	2.776	(0.842)	11819	2.00000	1.81(a)
	35 2,4,6-Trichlorophenol +	196	2.864	2.864	(0.868)	12158	2.00000	2.12(a)
	36 2,4,5-Trichlorphenol	196	2.898	2.898	(0.879)	12393	2.00000	2.12(a)
$	37 2-Fluorobiphenyl	172	2.907	2.907	(0.881)	41210	2.00000	2.44(a)
	38 2-Chloronaphthalene	162	2.964	2.964	(0.898)	39092	2.00000	2.58(aM)
	39 2-Nitroaniline	138	3.043	3.043	(0.923)	9633	2.00000	2.03(a)
	40 Dimethylphthalate	163	3.168	3.168	(0.960)	36259	2.00000	2.27(aM)
	41 2,6-Dinitrotoluene	165	3.197	3.197	(0.969)	7049	2.00000	1.82(a)
	42 Acenaphthylene	152	3.211	3.211	(0.973)	56534	2.00000	2.34(a)
	43 3-Nitroaniline	138	3.296	3.296	(0.999)	7178	2.00000	1.98(a)
*	44 Acenaphthene-d10	164	3.299	3.299	(1.000)	493126	40.0000	
	45 Acenaphthene +	153	3.316	3.316	(1.005)	34054	2.00000	2.22(a)
	46 2,4-Dinitrophenol ++	184	3.367	3.367	(1.021)	1623	2.00000	3.83(a)
	49 4-Nitrophenol ++	109	3.469	3.469	(1.052)	5180	2.00000	1.34(a)
	47 Dibenzofuran	168	3.424	3.424	(1.038)	51317	2.00000	2.29(a)
	48 2,4-Dinitrotoluene	165	3.438	3.438	(1.042)	10733	2.00000	1.99(a)
	50 Diethylphthalate	149	3.597	3.597	(1.090)	30229	2.00000	2.00(a)
	52 4-Chlorophenyl-phenylether	204	3.645	3.645	(1.105)	18242	2.00000	2.17(a)
	51 Fluorene	166	3.631	3.631	(1.101)	37129	2.00000	2.08(a)
	53 4-Nitroaniline	138	3.665	3.665	(1.111)	6245	2.00000	1.73(a)
	54 4,6-Dinitro-o-cresol	198	3.679	3.679	(0.877)	3452	2.00000	0.959(a)
	55 N-nitrosodiphenylamine (1)+	169	3.722	3.722	(0.888)	23854	2.00000	2.28(a)
	56 Azobenzene	77	3.739	3.739	(0.892)	71351	2.00000	2.30(a)
$	57 2,4,6-Tribromophenol	332	3.781	3.781	(1.146)	4185	2.00000	1.69(a)
	58 4-Bromophenyl-phenylether	248	3.937	3.937	(0.939)	9277	2.00000	2.28(a)
	59 Hexachlorobenzene	284	3.963	3.963	(0.945)	12968	2.00000	2.35(a)

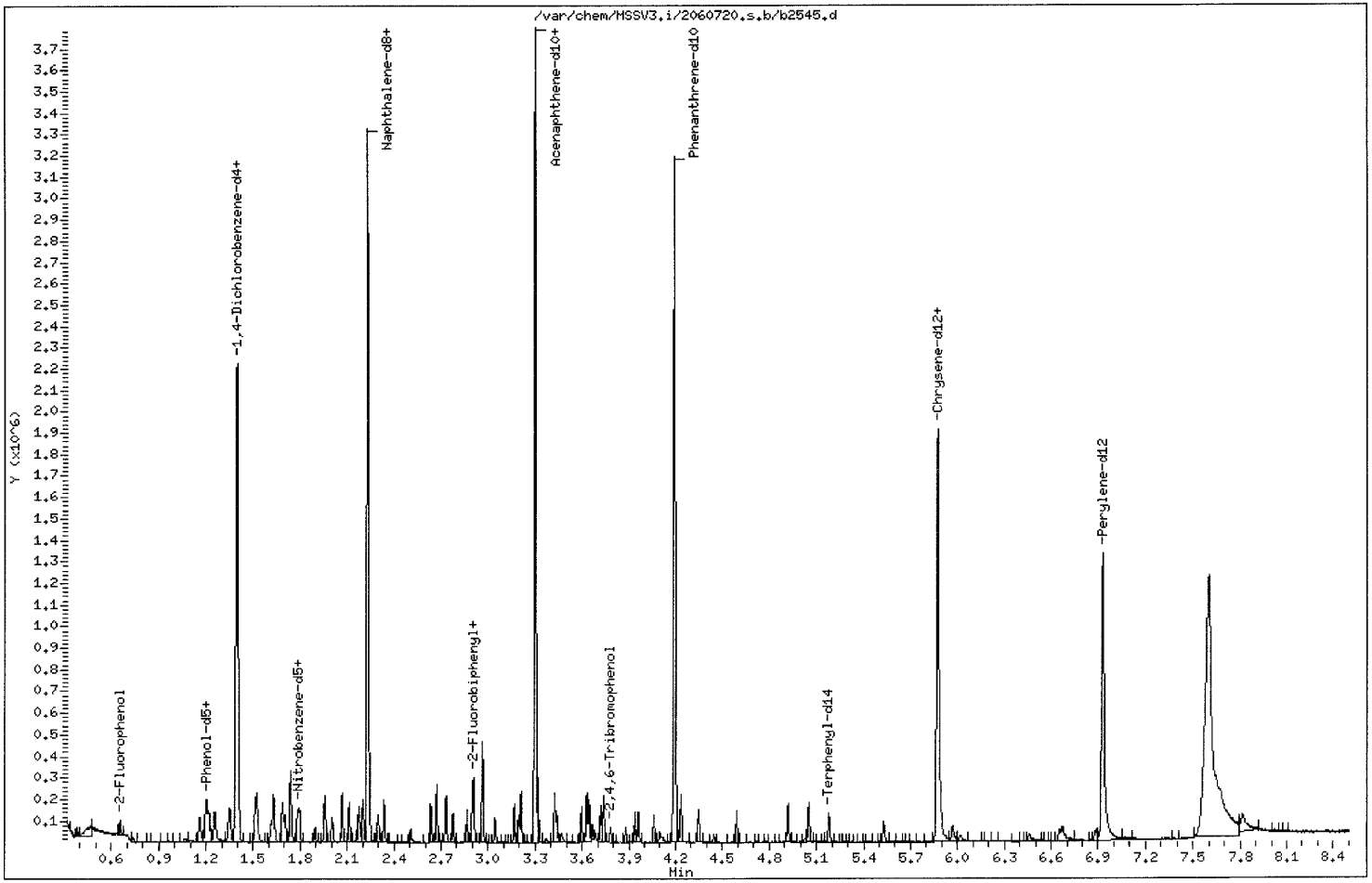
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.102	4.102	(0.978)	4368	2.00000	1.34(a)
*	61 Phenanthrene-d10	188	4.193	4.193	(1.000)	733958	40.0000	
	62 Phenanthrene	178	4.204	4.204	(1.003)	52830	2.00000	2.26(a)
	63 Anthracene	178	4.235	4.235	(1.010)	50059	2.00000	2.17(a)
	64 Carbazole	167	4.349	4.349	(1.037)	36102	2.00000	1.98(a)
	65 Di-n-butylphthalate	149	4.593	4.593	(1.095)	40511	2.00000	1.92(a)
	67 Fluoranthene +	202	4.922	4.922	(1.174)	44206	2.00000	1.98(a)
	68 Benzidine	184	5.033	5.033	(0.857)	6827	2.00000	1.39(a)
	69 Pyrene	202	5.053	5.053	(0.860)	42858	2.00000	2.26(a)
$	70 Terphenyl-d14	244	5.178	5.178	(0.882)	31437	2.00000	2.40(a)
	71 Butylbenzylphthalate	149	5.527	5.527	(0.941)	12636	2.00000	1.71(a)
	73 3,3'-Dichlorobenzidine	252	5.876	5.876	(1.000)	11133	2.00000	2.06(a)
	72 Benzo(a)anthracene	228	5.867	5.867	(0.999)	37196	2.00000	2.02(a)
*	74 Chrysene-d12	240	5.873	5.873	(1.000)	565669	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.969	5.969	(1.016)	15153	2.00000	2.24(a)
	75 Chrysene	228	5.890	5.890	(1.003)	42097	2.00000	2.18(a)
	77 Di-n-octylphthalate +	149	6.460	6.460	(1.100)	15893	2.00000	0.986(a)
	78 Benzo(b)fluoranthene	252	6.654	6.654	(0.960)	17704	2.00000	2.15(a)
	79 Benzo(k)fluoranthene	252	6.673	6.673	(0.963)	32498	2.00000	1.23(a)
	80 Benzo(a)pyrene +	252	6.883	6.883	(0.993)	20994	2.00000	1.53(a)
*	81 Perylene-d12	264	6.929	6.929	(1.000)	519832	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.653	7.653	(1.303)	20442	2.00000	2.75(a)
	83 Dibenzo(a,h)anthracene	278	7.678	7.678	(1.108)	18890	2.00000	4.35(a)
	84 Benzo(g,h,i)perylene	276	7.814	7.814	(1.128)	32682	2.00000	1.77(a)
M	66 Total Methylphenol	108				71116	4.00000	5.17(a)
	91 Acetophenone	105	1.689	1.689	(1.212)	45230	2.00000	2.37(a)
	155 Benzaldehyde	77	1.071	1.071	(0.768)	5084	2.00000	3.44(a)
	156 Caprolactam	113	2.504	2.504	(1.122)	6470	2.00000	1.82(a)
	157 Biphenyl	154	2.961	2.961	(1.327)	44920	2.00000	2.52(a)
	158 Atrazine	200	4.062	4.062	(0.969)	7375	2.00000	1.99(a)
	174 1,4-Dioxane	88	0.336	0.336	(0.241)	3557	2.00000	2.56(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060720.s.b/b2545.d
Date : 20-JUL-2006 09:05
Client ID: STD002
Sample Info: 1203*4-57-15
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i
Operator: rrr
Column diameter: 0.25



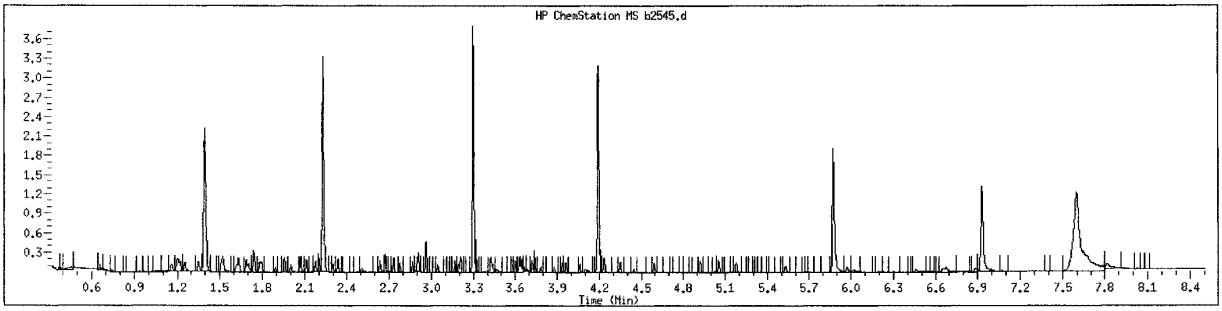
001097

189069

Data file : /var/chem/MSSV3.i/2060720.s.b/b2545.d Page: 1
Report Date: 07/20/2006 15:14

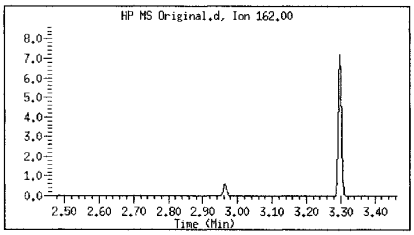
MANUAL INTEGRATION GRAPHIC REPORT

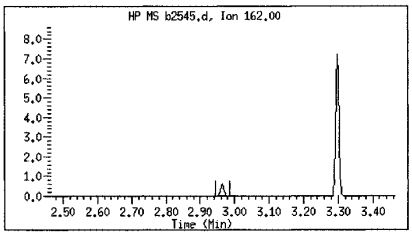
Lab ID	: 1203	SampleType	: CALIB_3
Injection Date	: 20-JUL-2006 09:05	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1203*4-57-15		
Misc Info	: STD002*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8270C



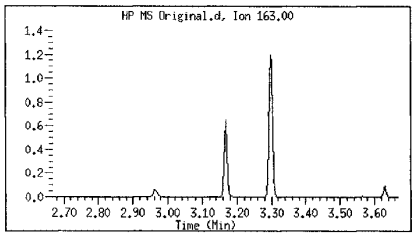
Original Final

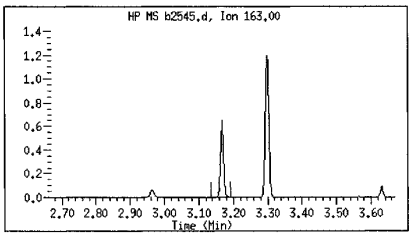
38 2-Chloronaphthalene CAS#: 91-58-7





40 Dimethylphthalate CAS#: 131-11-3





189070

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2546.d
Lab Smp Id: 1202 Client Smp ID: STD001
Inj Date : 20-JUL-2006 09:20
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1202*4-57-16
Misc Info : STD001*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:14 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 09:20 Cal File: b2546.d
Als bottle: 9 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	2 Pyridine	79	0.392	0.392	(0.281)	1988	1.00000	0.654(a)
	1 n-Nitrosodimethylamine	42	0.372	0.372	(0.267)	1150	1.00000	1.53(a)
$	3 2-Fluorophenol	112	0.656	0.656	(0.471)	3220	1.00000	1.08(a)
$	4 Phenol-d5	99	1.198	1.198	(0.860)	17846	1.00000	1.19(a)
	5 Aniline	93	1.161	1.161	(0.833)	20706	1.00000	1.07(a)
	6 Phenol +	94	1.210	1.210	(0.868)	25524	1.00000	1.19(a)
	7 bis(-2-Chloroethyl)Ether	63	1.224	1.224	(0.878)	11864	1.00000	1.13(a)
	8 2-Chlorophenol	128	1.258	1.258	(0.902)	9836	1.00000	1.18(a)
	9 1,3-Dichlorobenzene	146	1.354	1.354	(0.971)	11717	1.00000	1.26(a)
*	10 1,4-Dichlorobenzene-d4	152	1.394	1.394	(1.000)	200749	40.0000	
	11 1,4-Dichlorobenzene +	146	1.405	1.405	(1.008)	11044	1.00000	1.20(a)
	12 Benzyl alcohol	108	1.525	1.525	(1.094)	8560	1.00000	1.03(a)
	13 1,2-Dichlorobenzene	146	1.510	1.510	(1.083)	10614	1.00000	1.20(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.632	1.632	(1.171)	15029	1.00000	1.21(a)
	14 Bis(2-chloroisopropyl)ether	45	1.618	1.618	(1.161)	8774	1.00000	1.11(a)
	17 3- & 4-Methylphenol	108	1.740	1.740	(1.248)	14652	1.00000	1.34(a)
	16 N-Nitroso-di-n-propylamine++	70	1.706	1.706	(1.224)	12270	1.00000	1.08(a)
	18 Hexachloroethane	117	1.737	1.737	(1.246)	6041	1.00000	1.27(a)
$	19 Nitrobenzene-d5	82	1.783	1.783	(0.799)	20103	1.00000	1.13(a)
	20 Nitrobenzene	77	1.797	1.797	(0.805)	19847	1.00000	1.12(a)
	21 Isophorone	82	1.959	1.959	(0.878)	33959	1.00000	1.07(a)
	22 2-Nitrophenol +	139	2.004	2.004	(0.898)	4073	1.00000	0.954(a)
	23 2,4-Dimethyphenol	107	2.072	2.072	(0.929)	14767	1.00000	1.17(a)
	24 bis(-2-Chloroethoxy)methane	93	2.112	2.112	(0.947)	19474	1.00000	1.12(a)
	26 2,4-Dichlorophenol +	162	2.177	2.177	(0.976)	6910	1.00000	1.05(a)
	27 1,2,4-Trichlorobenzene	180	2.200	2.200	(0.986)	8991	1.00000	1.23(a)
*	28 Naphthalene-d8	136	2.231	2.231	(1.000)	727857	40.0000	
	29 Naphthalene	128	2.243	2.243	(1.005)	28022	1.00000	1.33(a)
	30 4-Chloroaniline	127	2.299	2.299	(1.031)	7267	1.00000	0.981(a)
	31 Hexachlorobutadiene +	225	2.336	2.336	(1.047)	6369	1.00000	1.19(a)
	32 4-Chloro-3-Methylphenol +	107	2.637	2.637	(1.182)	10712	1.00000	1.04(a)
	33 2-Methylnaphthalene	142	2.671	2.671	(1.197)	15312	1.00000	1.13(a)
	145 1-Methylnapthalene	142	2.731	2.731	(1.224)	13243	1.00000	1.19(a)
	34 Hexachlorocyclopentadiene ++	237	2.776	2.776	(0.842)	3685	1.00000	0.696(a)
	35 2,4,6-Trichlorophenol +	196	2.867	2.867	(0.869)	4601	1.00000	0.989(a)
	36 2,4,5-Trichlorphenol	196	2.901	2.901	(0.880)	4917	1.00000	1.04(a)
$	37 2-Fluorobiphenyl	172	2.907	2.907	(0.881)	16709	1.00000	1.22(a)
	38 2-Chloronaphthalene	162	2.964	2.964	(0.898)	14818	1.00000	1.20(aM)
	39 2-Nitroaniline	138	3.046	3.046	(0.923)	3834	1.00000	0.995(a)
	40 Dimethylphthalate	163	3.168	3.168	(0.960)	13678	1.00000	1.05(aM)
	41 2,6-Dinitrotoluene	165	3.299	3.299	(1.000)	51141	1.00000	16.2
	42 Acenaphthylene	152	3.211	3.211	(0.973)	22080	1.00000	1.13(a)
	43 3-Nitroaniline	138	3.299	3.299	(1.000)	2202	1.00000	0.747(a)
*	44 Acenaphthene-d10	164	3.299	3.299	(1.000)	399992	40.0000	
	45 Acenaphthene +	153	3.318	3.318	(1.006)	14749	1.00000	1.19(a)
	49 4-Nitrophenol ++	109	3.472	3.472	(1.052)	893	1.00000	0.285(a)
	47 Dibenzofuran	168	3.423	3.423	(1.038)	21150	1.00000	1.16(a)
	48 2,4-Dinitrotoluene	165	3.438	3.438	(1.042)	3793	1.00000	0.865(a)
	50 Diethylphthalate	149	3.599	3.599	(1.091)	12758	1.00000	1.04(a)
	52 4-Chlorophenyl-phenylether	204	3.648	3.648	(1.106)	7850	1.00000	1.15(a)
	51 Fluorene	166	3.631	3.631	(1.101)	15451	1.00000	1.07(a)
	53 4-Nitroaniline	138	3.667	3.667	(1.112)	2589	1.00000	0.883(a)
	54 4,6-Dinitro-o-cresol	198	3.685	3.685	(0.879)	1590	1.00000	0.524(a)
	55 N-nitrosodiphenylamine (1)+	169	3.721	3.721	(0.888)	9584	1.00000	1.08(a)
	56 Azobenzene	77	3.738	3.738	(0.892)	28211	1.00000	1.08(a)
$	57 2,4,6-Tribromophenol	332	3.784	3.784	(1.147)	1445	1.00000	0.721(a)
	58 4-Bromophenyl-phenylether	248	3.940	3.940	(0.940)	3512	1.00000	1.02(a)
	59 Hexachlorobenzene	284	3.963	3.963	(0.945)	5655	1.00000	1.21(a)
	60 Pentachlorophenol +	266	4.102	4.102	(0.978)	1049	1.00000	0.383(a)
*	61 Phenanthrene-d10	188	4.193	4.193	(1.000)	618974	40.0000	

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	Compounds							
	62 Phenanthrene	178	4.204	4.204	(1.003)	24226	1.00000	1.23(a)
	63 Anthracene	178	4.235	4.235	(1.010)	20512	1.00000	1.05(a)
	64 Carbazole	167	4.349	4.349	(1.037)	17040	1.00000	1.11(a)
	65 Di-n-butylphthalate	149	4.593	4.593	(1.095)	18918	1.00000	1.06(a)
	67 Fluoranthene +	202	4.922	4.922	(1.174)	20410	1.00000	1.08(a)
	68 Benzidine	184	5.033	5.033	(0.857)	3645	1.00000	0.857(a)
	69 Pyrene	202	5.055	5.055	(0.861)	22178	1.00000	1.08(a)
$	70 Terphenyl-d14	244	5.180	5.180	(0.882)	15155	1.00000	1.07(a)
	71 Butylbenzylphthalate	149	5.529	5.529	(0.942)	7693	1.00000	0.963(a)
	73 3,3'-Dichlorobenzidine	252	5.878	5.878	(1.001)	6005	1.00000	1.03(a)
	72 Benzo(a)anthracene	228	5.870	5.870	(1.000)	20340	1.00000	1.02(a)
*	74 Chrysene-d12	240	5.873	5.873	(1.000)	611448	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.972	5.972	(1.017)	7490	1.00000	1.46(a)
	75 Chrysene	228	5.893	5.893	(1.003)	21613	1.00000	1.04(a)
	77 Di-n-octylphthalate +	149	6.460	6.460	(1.100)	5568	1.00000	0.319(a)
	78 Benzo(b)fluoranthene	252	6.656	6.656	(0.960)	8979	1.00000	1.52(a)
	79 Benzo(k)fluoranthene	252	6.676	6.676	(0.963)	14351	1.00000	0.271(a)
	80 Benzo(a)pyrene +	252	6.886	6.886	(0.993)	10351	1.00000	0.692(a)
*	81 Perylene-d12	264	6.931	6.931	(1.000)	568403	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.655	7.655	(1.304)	4748	1.00000	2.04(a)
	83 Dibenzo(a,h)anthracene	278	7.672	7.672	(1.107)	7041	1.00000	3.60(a)
	84 Benzo(g,h,i)perylene	276	7.817	7.817	(1.128)	13267	1.00000	0.453(a)
M	66 Total Methylphenol	108				29681	2.00000	2.64(a)
	91 Acetophenone	105	1.689	1.689	(1.212)	18750	1.00000	1.20(a)
	155 Benzaldehyde	77	1.522	1.522	(1.092)	8471	1.00000	3.20(a)
	156 Caprolactam	113	2.507	2.507	(1.123)	1790	1.00000	0.625(aH)
	157 Biphenyl	154	2.964	2.964	(1.328)	17999	1.00000	1.25(a)
	158 Atrazine	200	4.065	4.065	(0.970)	2960	1.00000	0.946(a)
	174 1,4-Dioxane	88	0.335	0.335	(0.241)	1136	1.00000	1.00(a)

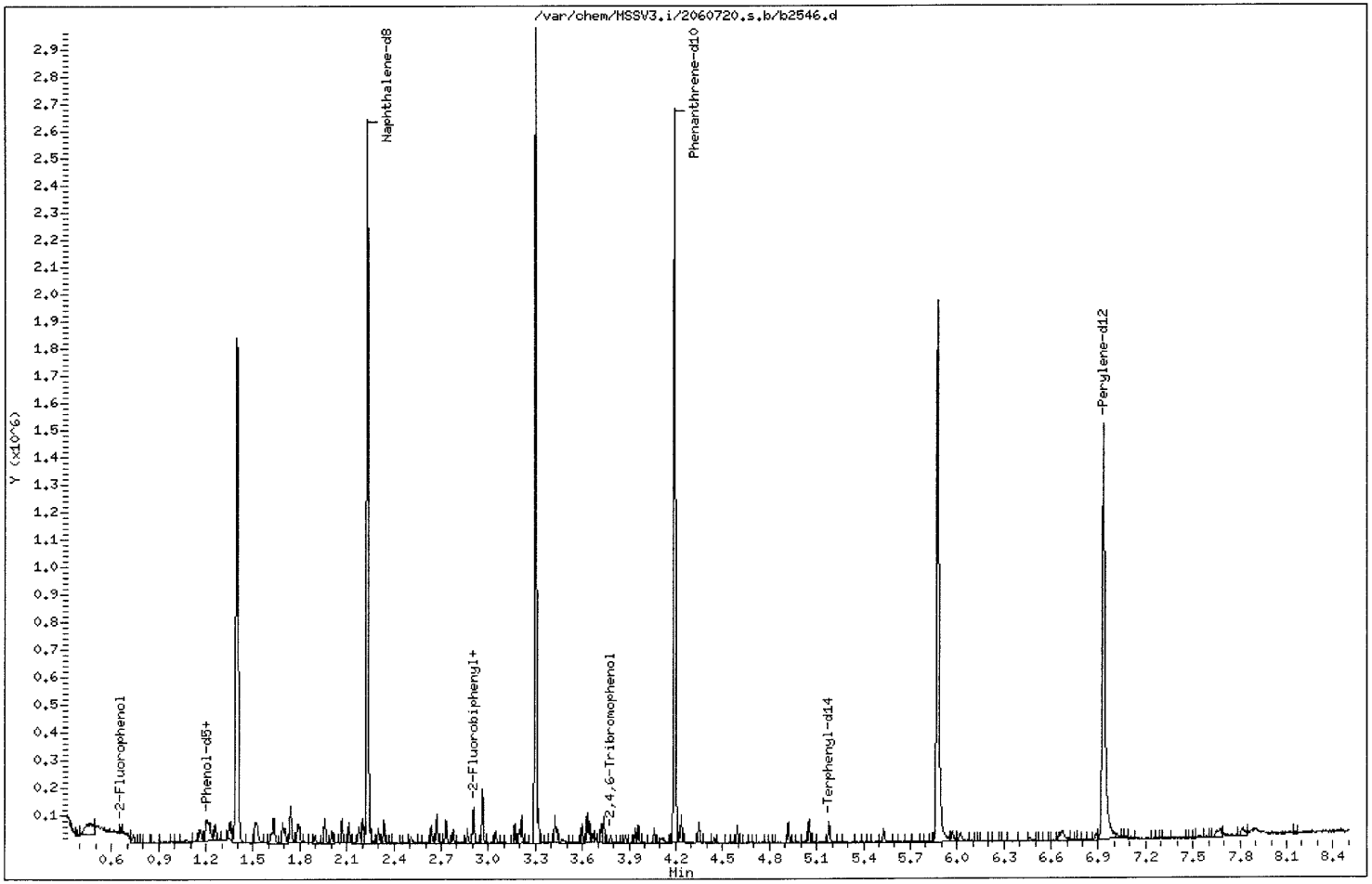
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060720.s.b/b2546.d
Date : 20-JUL-2006 09:20
Client ID: STD001
Sample Info: 1202*4-57-16
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25

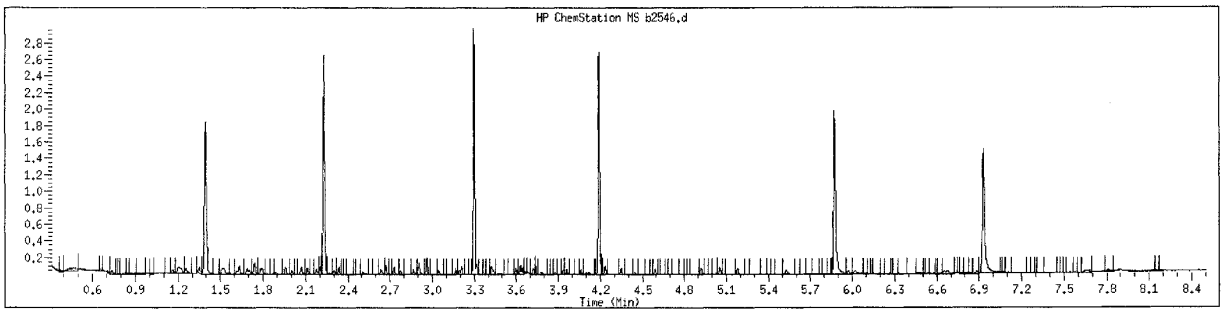


189074

Data file : /var/chem/MSSV3.i/2060720.s.b/b2546.d Page: 1
Report Date: 07/20/2006 15:14

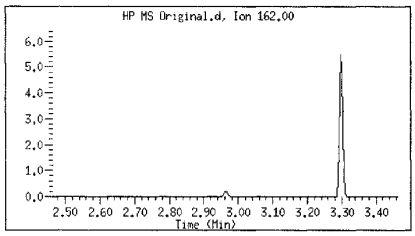
MANUAL INTEGRATION GRAPHIC REPORT

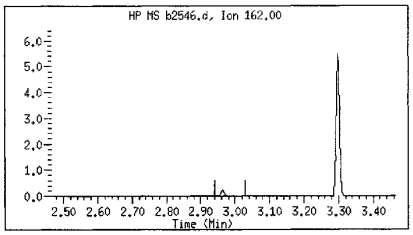
Lab ID	: 1202	SampleType	: CALIB_2
Injection Date	: 20-JUL-2006 09:20	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1202*4-57-16		
Misc Info	: STD001*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8270C



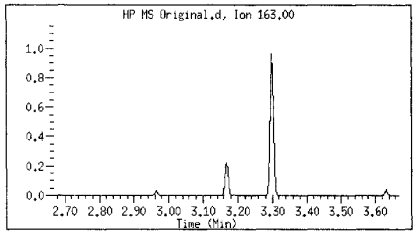
Original Final

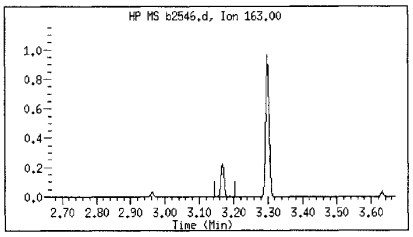
38 2-Chloronaphthalene CAS#: 91-58-7





40 Dimethylphthalate CAS#: 131-11-3





189075

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2547.d
Lab Smp Id: 1201 Client Smp ID: STD0.2
Inj Date : 20-JUL-2006 09:35
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1201*4-57-17
Misc Info : STD0.2*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 20-Jul-2006 15:14 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 09:35 Cal File: b2547.d
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
1 n-Nitrosodimethylamine	42	0.375	0.375	(0.269)	236	0.20000	0.270(a)
$ 3 2-Fluorophenol	112	0.662	0.662	(0.475)	453	0.20000	0.131(a)
$ 4 Phenol-d5	99	1.207	1.207	(0.866)	3017	0.20000	0.174(a)
5 Aniline	93	1.170	1.170	(0.839)	2347	0.20000	0.104(a)
6 Phenol +	94	1.215	1.215	(0.872)	4814	0.20000	0.193(a)
7 bis(-2-Chloroethyl)Ether	63	1.224	1.224	(0.878)	1689	0.20000	0.139(a)
8 2-Chlorophenol	128	1.261	1.261	(0.904)	1197	0.20000	0.124(a)
9 1,3-Dichlorobenzene	146	1.355	1.355	(0.971)	2327	0.20000	0.216(a)
* 10 1,4-Dichlorobenzene-d4	152	1.394	1.394	(1.000)	233058	40.0000	
11 1,4-Dichlorobenzene +	146	1.406	1.406	(1.008)	2658	0.20000	0.249(a)
12 Benzyl alcohol	108	1.635	1.635	(1.173)	2781	0.20000	0.287(a)
13 1,2-Dichlorobenzene	146	1.513	1.513	(1.085)	2558	0.20000	0.249(a)
15 2-Methylphenol	108	1.635	1.635	(1.173)	2781	0.20000	0.193(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	14 Bis(2-chloroisopropyl)ether	45	1.621	1.621	(1.163)	2045	0.20000	0.223(a)
	16 N-Nitroso-di-n-propylamine++	70	1.706	1.706	(1.224)	2702	0.20000	0.204(a)
	18 Hexachloroethane	117	1.741	1.741	(1.248)	1268	0.20000	0.229(aM)
$	19 Nitrobenzene-d5	82	2.229	2.229	(0.999)	63389	0.20000	3.04(a)
	20 Nitrobenzene	77	1.800	1.800	(0.807)	4348	0.20000	0.210(a)
	21 Isophorone	82	1.959	1.959	(0.878)	8402	0.20000	0.226(a)
	23 2,4-Dimethyphenol	107	2.073	2.073	(0.929)	2413	0.20000	0.164(a)
	24 bis(-2-Chloroethoxy)methane	93	2.115	2.115	(0.948)	4122	0.20000	0.202(a)
	25 Benzoic Acid	122	2.251	2.251	(1.009)	201	0.20000	0.0453(a)
	26 2,4-Dichlorophenol +	162	2.180	2.180	(0.977)	944	0.20000	0.123(a)
	27 1,2,4-Trichlorobenzene	180	2.203	2.203	(0.987)	1847	0.20000	0.216(a)
*	28 Naphthalene-d8	136	2.232	2.232	(1.000)	849380	40.0000	
	29 Naphthalene	128	2.243	2.243	(1.005)	5812	0.20000	0.237(a)
	30 4-Chloroaniline	127	2.302	2.302	(1.032)	1611	0.20000	0.186(a)
	31 Hexachlorobutadiene +	225	2.337	2.337	(1.047)	1468	0.20000	0.234(a)
	32 4-Chloro-3-Methylphenol +	107	2.637	2.637	(1.182)	1939	0.20000	0.161(a)
	33 2-Methylnaphthalene	142	2.674	2.674	(1.198)	3066	0.20000	0.193(a)
	145 1-Methylnapthalene	142	2.731	2.731	(1.224)	3186	0.20000	0.244(a)
	35 2,4,6-Trichlorophenol +	196	2.870	2.870	(0.870)	789	0.20000	0.141(a)
	36 2,4,5-Trichlorphenol	196	2.887	2.887	(0.875)	95	0.20000	0.0167(a)
$	37 2-Fluorobiphenyl	172	2.907	2.907	(0.881)	3691	0.20000	0.224(a)
	39 2-Nitroaniline	138	3.049	3.049	(0.924)	659	0.20000	0.142(a)
	41 2,6-Dinitrotoluene	165	3.299	3.299	(1.000)	61397	0.20000	16.2
	42 Acenaphthylene	152	3.211	3.211	(0.973)	4586	0.20000	0.194(a)
	43 3-Nitroaniline	138	3.304	3.304	(1.002)	287	0.20000	0.0810(a)
*	44 Acenaphthene-d10	164	3.299	3.299	(1.000)	481237	40.0000	
	45 Acenaphthene +	153	3.319	3.319	(1.006)	3078	0.20000	0.206(a)
	49 4-Nitrophenol ++	109	3.483	3.483	(1.056)	114	0.20000	0.0302(a)
	47 Dibenzofuran	168	3.424	3.424	(1.038)	5233	0.20000	0.239(a)
	48 2,4-Dinitrotoluene	165	3.299	3.299	(1.000)	61397	0.20000	11.6
	50 Diethylphthalate	149	3.600	3.600	(1.091)	3407	0.20000	0.231(a)
	52 4-Chlorophenyl-phenylether	204	3.645	3.645	(1.105)	2069	0.20000	0.252(a)
	51 Fluorene	166	3.299	3.299	(1.000)	4049	0.20000	0.233(a)
	55 N-nitrosodiphenylamine (1)+	169	3.722	3.722	(0.888)	1750	0.20000	0.159(a)
	56 Azobenzene	77	3.739	3.739	(0.892)	5311	0.20000	0.164(a)
$	57 2,4,6-Tribromophenol	332	3.784	3.784	(1.147)	328	0.20000	0.136(a)
	58 4-Bromophenyl-phenylether	248	3.940	3.940	(0.940)	762	0.20000	0.179(a)
	59 Hexachlorobenzene	284	3.963	3.963	(0.945)	1218	0.20000	0.210(a)
	60 Pentachlorophenol +	266	4.108	4.108	(0.980)	108	0.20000	0.0317(a)
*	61 Phenanthrene-d10	188	4.193	4.193	(1.000)	769777	40.0000	
	62 Phenanthrene	178	4.204	4.204	(1.003)	5516	0.20000	0.225(a)
	63 Anthracene	178	4.235	4.235	(1.010)	5066	0.20000	0.209(a)
	64 Carbazole	167	4.349	4.349	(1.037)	3840	0.20000	0.201(a)
	65 Di-n-butylphthalate	149	4.596	4.596	(1.096)	4369	0.20000	0.197(a)
	67 Fluoranthene +	202	4.922	4.922	(1.174)	4360	0.20000	0.186(a)
	68 Benzidine	184	5.039	5.039	(0.858)	502	0.20000	0.406(aH)
	69 Pyrene	202	5.053	5.053	(0.860)	4795	0.20000	0.204(a)

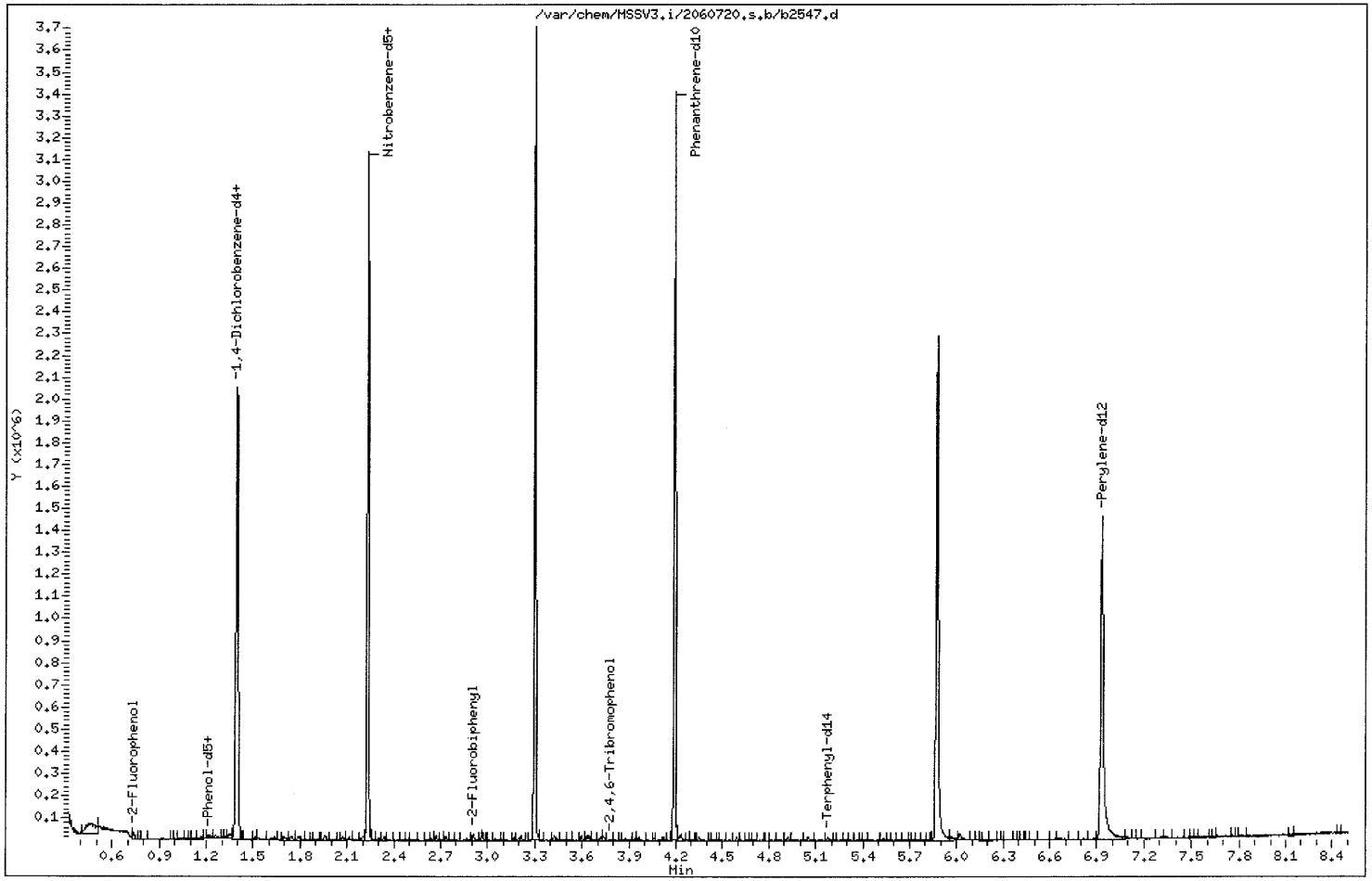
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
$	70 Terphenyl-d14	244	5.180	5.180	(0.882)	3386	0.20000	0.209(a)
	71 Butylbenzylphthalate	149	5.530	5.530	(0.942)	1124	0.20000	0.123(a)
	73 3,3'-Dichlorobenzidine	252	5.879	5.879	(1.001)	1050	0.20000	0.157(a)
	72 Benzo(a)anthracene	228	5.870	5.870	(1.000)	5651	0.20000	0.248(a)
*	74 Chrysene-d12	240	5.873	5.873	(1.000)	698824	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.967	5.967	(1.016)	1019	0.20000	0.885(a)
	75 Chrysene	228	5.890	5.890	(1.003)	4283	0.20000	0.179(a)
	77 Di-n-octylphthalate +	149	6.461	6.461	(1.100)	809	0.20000	0.0406(a)
	78 Benzo(b)fluoranthene	252	6.654	6.654	(0.960)	1450	0.20000	1.06(a)
	80 Benzo(a)pyrene +	252	6.883	6.883	(0.993)	1783	0.20000	0.115(a)
*	81 Perylene-d12	264	6.932	6.932	(1.000)	587125	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.655	7.655	(1.303)	817	0.20000	1.87(a)
	83 Dibenzo(a,h)anthracene	278	7.678	7.678	(1.108)	614	0.20000	3.24(aH)
M	66 Total Methylphenol	108				2781	0.40000	0.213(a)
	91 Acetophenone	105	1.695	1.695	(1.216)	3547	0.20000	0.195(a)
	155 Benzaldehyde	77	1.394	1.394	(1.000)	25578	0.20000	2.61(a)
	158 Atrazine	200	4.065	4.065	(0.970)	721	0.20000	0.185(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060720.s.b/b2547.d
Date : 20-JUL-2006 09:35
Client ID: STD0.2
Sample Info: 1201*4-57-17
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

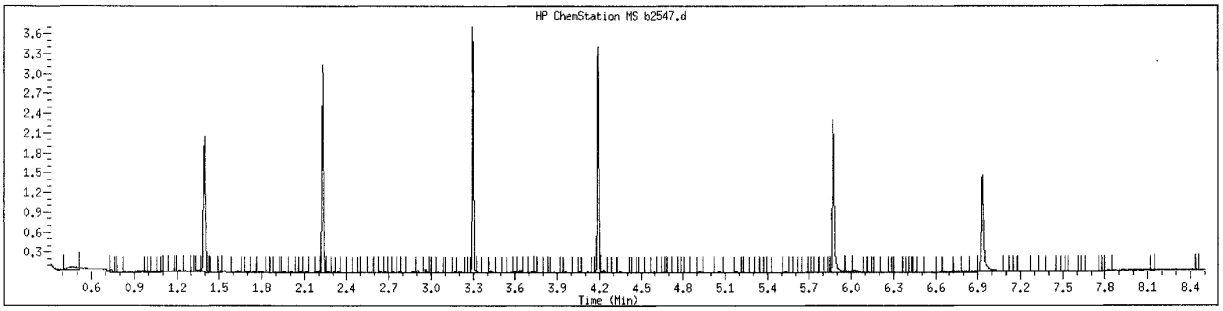
Instrument: MSSV3.i
Operator: rrr
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060720.s.b/b2547.d
Report Date: 07/20/2006 15:14

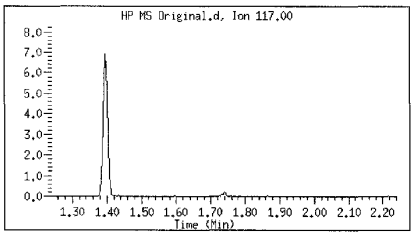
MANUAL INTEGRATION GRAPHIC REPORT

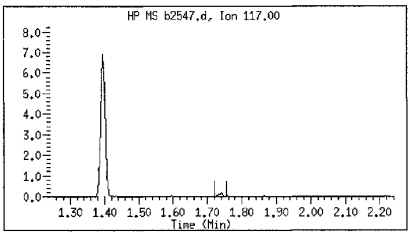
Lab ID	: 1201	SampleType	: CALIB_1
Injection Date	: 20-JUL-2006 09:35	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1201*4-57-17		
Misc Info	: STD0.2*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: 8270C



Original Final

18 Hexachloroethane CAS#: 67-72-1





Data file : /var/chem/MSSV3.i/2060720.s.b/b2549.d
Report Date: 08/09/2006 09:31

GCAL, Inc.

RECOVERY REPORT

Client Name: 4-57-18
Sample Matrix: LIQUID
Lab Smp Id: 1600
Level: LOW
Data Type: MS DATA
SpikeList File: ICV75.spk
Sublist File: ICV.sub
Method File: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Misc Info: ICV050*MSSV~3835~*

Client SDG: 2060720.s
Fraction: SV
Client Smp ID: ICV050
Operator: rrr
Sample Type: LCS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
1 n-Nitrosodimethylamine	50.0	49.8	99.56	75-125
2 Pyridine	50.0	44.2	88.45	75-125
5 Aniline	50.0	54.8	109.62	75-125
6 Phenol +	50.0	50.8	101.52	75-125
7 bis(-2-Chloroethyl)Ether	50.0	48.8	97.59	75-125
8 2-Chlorophenol	50.0	53.1	106.22	75-125
9 1,3-Dichlorobenzene	50.0	53.1	106.18	75-125
11 1,4-Dichlorobenzene +	50.0	52.8	105.62	75-125
12 Benzyl alcohol	50.0	52.9	105.70	75-125
13 1,2-Dichlorobenzene	50.0	50.9	101.86	75-125
14 Bis(2-chloroisopropyl)ether	50.0	51.6	103.21	75-125
15 2-Methylphenol	50.0	50.3	100.64	75-125
16 N-Nitroso-di-n-propylamine++	50.0	51.1	102.22	75-125
17 3- & 4-Methylphenol	50.0	54.5	108.95	75-125
18 Hexachloroethane	50.0	48.6	97.29	75-125
20 Nitrobenzene	50.0	52.9	105.74	75-125
21 Isophorone	50.0	51.7	103.37	75-125
22 2-Nitrophenol +	50.0	51.4	102.86	75-125
23 2,4-Dimethyphenol	50.0	52.0	103.97	75-125
24 bis(-2-Chloroethoxy)methane	50.0	51.0	102.09	75-125
25 Benzoic Acid	50.0	50.9	101.84	75-125
26 2,4-Dichlorophenol +	50.0	51.3	102.61	75-125
27 1,2,4-Trichlorobenzene	50.0	53.1	106.19	75-125
29 Naphthalene	50.0	52.6	105.23	75-125
30 4-Chloroaniline	50.0	52.1	104.28	75-125
31 Hexachlorobutadiene +	50.0	51.6	103.13	75-125
32 4-Chloro-3-Methylphenol +	50.0	52.1	104.11	75-125
33 2-Methylnaphthalene	50.0	50.3	100.66	75-125
34 Hexachlorocyclopentadiene ++	50.0	52.9	105.74	75-125
35 2,4,6-Trichlorophenol +	50.0	53.3	106.63	75-125

Data file : /var/chem/MSSV3.i/2060720.s.b/b2549.d
Report Date: 08/09/2006 09:31

SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
36	2,4,5-Trichlorphenol	50.0	53.6	107.28	75-125
38	2-Chloronaphthalene	50.0	54.1	108.24	75-125
39	2-Nitroaniline	50.0	55.2	110.39	75-125
40	Dimethylphthalate	50.0	56.5	113.04	75-125
41	2,6-Dinitrotoluene	50.0	57.5	114.96	75-125
42	Acenaphthylene	50.0	52.8	105.58	75-125
43	3-Nitroaniline	50.0	55.3	110.65	75-125
45	Acenaphthene +	50.0	51.9	103.81	75-125
46	2,4-Dinitrophenol ++	50.0	54.4	108.77	75-125
47	Dibenzofuran	50.0	52.1	104.19	75-125
48	2,4-Dinitrotoluene	50.0	56.1	112.16	75-125
49	4-Nitrophenol ++	50.0	56.8	113.62	75-125
50	Diethylphthalate	50.0	56.5	113.06	75-125
51	Fluorene	50.0	52.5	104.98	75-125
52	4-Chlorophenyl-phenylether	50.0	54.9	109.80	75-125
53	4-Nitroaniline	50.0	59.1	118.20	75-125
54	4,6-Dinitro-o-cresol	50.0	50.7	101.34	75-125
55	N-nitrosodiphenylamine (1)+	50.0	51.8	103.59	75-125
56	Azobenzene	50.0	50.3	100.60	75-125
58	4-Bromophenyl-phenylether	50.0	51.4	102.74	75-125
59	Hexachlorobenzene	50.0	48.6	97.30	75-125
60	Pentachlorophenol +	50.0	56.8	113.60	75-125
62	Phenanthrene	50.0	48.6	97.26	75-125
63	Anthracene	50.0	52.0	103.99	75-125
65	Di-n-butylphthalate	50.0	54.3	108.67	75-125
67	Fluoranthene +	50.0	53.1	106.25	75-125
69	Pyrene	50.0	50.4	100.76	75-125
71	Butylbenzylphthalate	50.0	53.2	106.31	75-125
72	Benzo(a)anthracene	50.0	49.4	98.73	75-125
73	3,3'-Dichlorobenzidine	50.0	55.7	111.37	75-125
75	Chrysene	50.0	51.7	103.39	75-125
76	bis(2-Ethylhexyl)phthalate	50.0	51.9	103.73	75-125
77	Di-n-octylphthalate +	50.0	51.6	103.24	75-125
78	Benzo(b)fluoranthene	50.0	48.3	96.55	75-125
79	Benzo(k)fluoranthene	50.0	52.5	105.09	75-125
80	Benzo(a)pyrene +	50.0	52.3	104.57	75-125
82	Indeno(1,2,3-cd)pyrene	50.0	47.8	95.61	75-125
83	Dibenzo(a,h)anthracene	50.0	51.6	103.29	75-125
84	Benzo(g,h,i)perylene	50.0	56.6	113.24	75-125
155	Benzaldehyde	50.0	82.9	165.76*	75-125
156	Caprolactam	50.0	58.6	117.18	75-125
157	Biphenyl	50.0	49.6	99.27	75-125
158	Atrazine	50.0	55.9	111.80	75-125
174	1,4-Dioxane	50.0	54.5	108.93	75-125

Data file : /var/chem/MSSV3.i/2060720.s.b/b2549.d
Report Date: 08/09/2006 09:31

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 2-Fluorophenol	50.0	54.1	108.12	80-120
$ 4 Phenol-d5	50.0	53.4	106.77	80-120
$ 19 Nitrobenzene-d5	50.0	52.6	105.25	80-120
$ 37 2-Fluorobiphenyl	50.0	53.8	107.70	80-120
$ 57 2,4,6-Tribromophenol	50.0	55.7	111.40	80-120
$ 70 Terphenyl-d14	50.0	51.1	102.24	80-120

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060720.s.b/b2549.d
Lab Smp Id: 1600 Client Smp ID: ICV050
Inj Date : 20-JUL-2006 09:50
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1600*4-57-18
Misc Info : ICV050*MSSV~3835~*
Comment :
Method : /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m
Meth Date : 09-Aug-2006 09:30 rbm Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 11 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICV.sub
Target Version: 3.50
Processing Host: hpcs2

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
2 Pyridine	79	0.378	0.378	(0.271)	124564	44.2231	44.2
1 n-Nitrosodimethylamine	42	0.372	0.372	(0.267)	34712	49.7779	49.8
$ 3 2-Fluorophenol	112	0.653	0.653	(0.468)	148996	54.0619	54.1
$ 4 Phenol-d5	99	1.193	1.193	(0.854)	739945	53.3841	53.4
5 Aniline	93	1.161	1.161	(0.831)	986011	54.8095	54.8
6 Phenol +	94	1.204	1.201	(0.862)	1012408	50.7583	50.8
7 bis(-2-Chloroethyl)Ether	63	1.224	1.227	(0.876)	474842	48.7969	48.8
8 2-Chlorophenol	128	1.255	1.258	(0.898)	409869	53.1112	53.1
9 1,3-Dichlorobenzene	146	1.354	1.352	(0.970)	457195	53.0897	53.1
* 10 1,4-Dichlorobenzene-d4	152	1.397	1.394	(1.000)	186011	40.0000	
11 1,4-Dichlorobenzene +	146	1.408	1.408	(1.008)	450753	52.8125	52.8
12 Benzyl alcohol	108	1.525	1.525	(1.091)	408281	52.8516	52.9
13 1,2-Dichlorobenzene	146	1.513	1.513	(1.083)	418090	50.9290	50.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	15 2-Methylphenol	108	1.633	1.633	(1.169)	579187	50.3192	50.3
	14 Bis(2-chloroisopropyl)ether	45	1.615	1.616	(1.156)	377981	51.6027	51.6
	17 3- & 4-Methylphenol	108	1.740	1.740	(1.246)	551147	54.4752	54.5
	16 N-Nitroso-di-n-propylamine++	70	1.709	1.709	(1.224)	540134	51.1124	51.1
	18 Hexachloroethane	117	1.738	1.738	(1.244)	214510	48.6430	48.6
$	19 Nitrobenzene-d5	82	1.786	1.786	(0.799)	853434	52.6234	52.6
	20 Nitrobenzene	77	1.797	1.797	(0.804)	862808	52.8724	52.9
	21 Isophorone	82	1.962	1.962	(0.878)	1493714	51.6826	51.7
	22 2-Nitrophenol +	139	2.004	2.004	(0.897)	199392	51.4323	51.4
	23 2,4-Dimethyphenol	107	2.070	2.070	(0.926)	596503	51.9839	52.0
	24 bis(-2-Chloroethoxy)methane	93	2.115	2.115	(0.947)	808318	51.0443	51.0
	25 Benzoic Acid	122	2.189	2.186	(0.980)	175769	50.9179	50.9
	26 2,4-Dichlorophenol +	162	2.175	2.175	(0.973)	306351	51.3029	51.3
	27 1,2,4-Trichlorobenzene	180	2.203	2.203	(0.986)	352431	53.0966	53.1
*	28 Naphthalene-d8	136	2.234	2.231	(1.000)	660672	40.0000	
	29 Naphthalene	128	2.246	2.246	(1.005)	1003970	52.6149	52.6
	30 4-Chloroaniline	127	2.299	2.300	(1.029)	350488	52.1399	52.1
	31 Hexachlorobutadiene +	225	2.339	2.339	(1.047)	256212	51.5672	51.6
	32 4-Chloro-3-Methylphenol +	107	2.637	2.637	(1.180)	488752	52.0574	52.1
	33 2-Methylnaphthalene	142	2.674	2.674	(1.197)	620993	50.3321	50.3
	145 1-Methylnapthalene	142	2.731	2.731	(1.222)	518704	51.1525	51.2
	34 Hexachlorocyclopentadiene ++	237	2.776	2.776	(0.841)	242807	52.8700	52.9
	35 2,4,6-Trichlorophenol +	196	2.867	2.867	(0.868)	214965	53.3127	53.3
	36 2,4,5-Trichlorphenol	196	2.898	2.898	(0.878)	220272	53.6422	53.6
$	37 2-Fluorobiphenyl	172	2.910	2.910	(0.881)	639983	53.8498	53.8
	38 2-Chloronaphthalene	162	2.966	2.967	(0.899)	577603	54.1182	54.1
	39 2-Nitroaniline	138	3.046	3.049	(0.923)	184302	55.1963	55.2
	40 Dimethylphthalate	163	3.174	3.171	(0.961)	636160	56.5199	56.5
	41 2,6-Dinitrotoluene	165	3.199	3.199	(0.969)	156899	57.4802	57.5
	42 Acenaphthylene	152	3.213	3.213	(0.973)	897546	52.7920	52.8
	43 3-Nitroaniline	138	3.299	3.299	(0.999)	141292	55.3229	55.3
*	44 Acenaphthene-d10	164	3.301	3.301	(1.000)	346749	40.0000	
	45 Acenaphthene +	153	3.321	3.318	(1.006)	558623	51.9059	51.9
	46 2,4-Dinitrophenol ++	184	3.364	3.361	(1.019)	120615	54.3853	54.4
	49 4-Nitrophenol ++	109	3.455	3.452	(1.046)	154488	56.8123	56.8
	47 Dibenzofuran	168	3.426	3.426	(1.038)	820224	52.0949	52.1
	48 2,4-Dinitrotoluene	165	3.440	3.441	(1.042)	213078	56.0816	56.1
	50 Diethylphthalate	149	3.605	3.605	(1.092)	601950	56.5300	56.5
	52 4-Chlorophenyl-phenylether	204	3.648	3.648	(1.105)	325249	54.9008	54.9
	51 Fluorene	166	3.633	3.634	(1.101)	657877	52.4905	52.5
	53 4-Nitroaniline	138	3.673	3.673	(1.113)	150282	59.1004	59.1
	54 4,6-Dinitro-o-cresol	198	3.685	3.685	(0.879)	149216	50.6716	50.7
	55 N-nitrosodiphenylamine (1)+	169	3.724	3.724	(0.888)	444276	51.7936	51.8
	56 Azobenzene	77	3.741	3.741	(0.892)	1274742	50.3023	50.3
$	57 2,4,6-Tribromophenol	332	3.784	3.784	(1.146)	96818	55.6985	55.7
	58 4-Bromophenyl-phenylether	248	3.940	3.940	(0.940)	171012	51.3717	51.4
	59 Hexachlorobenzene	284	3.966	3.966	(0.946)	220055	48.6486	48.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	60 Pentachlorophenol +	266	4.099	4.099	(0.978)	151020	56.7979	56.8
*	61 Phenanthrene-d10	188	4.193	4.193	(1.000)	600561	40.0000	
	62 Phenanthrene	178	4.210	4.207	(1.004)	929740	48.6308	48.6
	63 Anthracene	178	4.238	4.238	(1.011)	981980	51.9966	52.0
	64 Carbazole	167	4.352	4.349	(1.038)	772575	51.9099	51.9
	65 Di-n-butylphthalate	149	4.596	4.596	(1.096)	939045	54.3326	54.3
	67 Fluoranthene +	202	4.925	4.925	(1.175)	972204	53.1247	53.1
	68 Benzidine	184	5.030	5.030	(0.856)	198257	45.3648	45.4
	69 Pyrene	202	5.055	5.055	(0.860)	1026026	50.3776	50.4
$	70 Terphenyl-d14	244	5.180	5.180	(0.881)	719639	51.1180	51.1
	71 Butylbenzylphthalate	149	5.532	5.529	(0.941)	421587	53.1565	53.2
	73 3,3'-Dichlorobenzidine	252	5.881	5.879	(1.000)	322906	55.6852	55.7
	72 Benzo(a)anthracene	228	5.870	5.870	(0.999)	975276	49.3660	49.4
*	74 Chrysene-d12	240	5.878	5.876	(1.000)	606877	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.972	5.972	(1.016)	524152	51.8657	51.9
	75 Chrysene	228	5.896	5.896	(1.003)	1071296	51.6951	51.7
	77 Di-n-octylphthalate +	149	6.466	6.466	(1.100)	892951	51.6216	51.6
	78 Benzo(b)fluoranthene	252	6.662	6.656	(0.961)	853474	48.2740	48.3
	79 Benzo(k)fluoranthene	252	6.682	6.682	(0.964)	1218685	52.5442	52.5
	80 Benzo(a)pyrene +	252	6.892	6.889	(0.994)	1016478	52.2855	52.3
*	81 Perylene-d12	264	6.934	6.932	(1.000)	623152	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.664	7.661	(1.304)	1101048	47.8034	47.8(M)
	83 Dibenzo(a,h)anthracene	278	7.686	7.684	(1.108)	953072	51.6437	51.6
	84 Benzo(g,h,i)perylene	276	7.831	7.828	(1.129)	1105035	56.6182	56.6
M	66 Total Methylphenol	108				1130334	108.378	108
	91 Acetophenone	105	1.692	1.692	(1.211)	771223	53.1722	53.2
	155 Benzaldehyde	77	1.065	1.062	(0.762)	365496	82.8775	82.9(R)
	156 Caprolactam	113	2.535	2.538	(1.135)	152286	58.5924	58.6
	157 Biphenyl	154	2.964	2.964	(1.326)	648104	49.6371	49.6
	158 Atrazine	200	4.071	4.068	(0.971)	169762	55.8979	55.9
	174 1,4-Dioxane	88	0.333	0.333	(0.238)	57326	54.4644	54.5

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060720.s.b/b2549.d

Date : 20-JUL-2006 09:50

Client ID: ICV050

Sample Info: 1600*4-57-18

Volume Injected (uL): 1.0

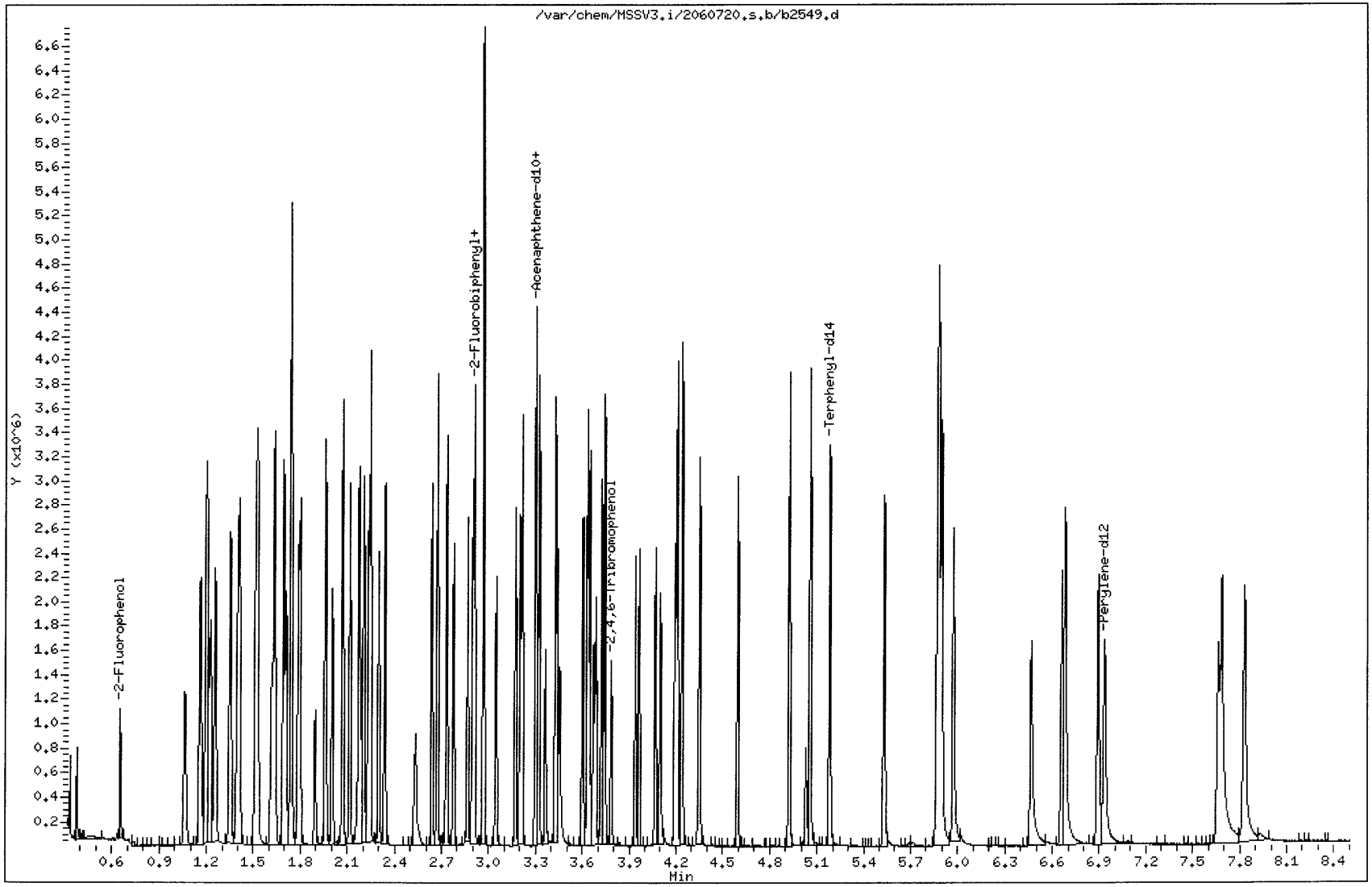
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr

Column diameter: 0.25

001115

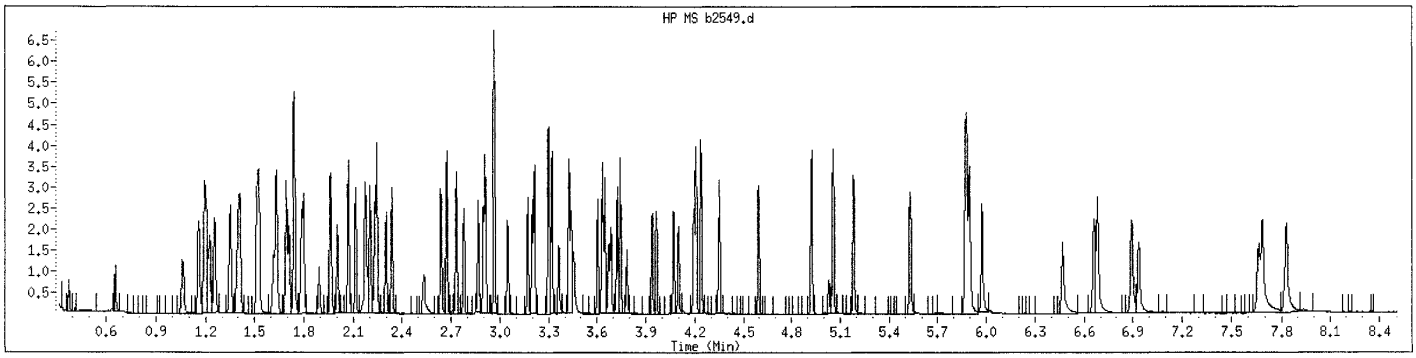


189087

Data file : /var/chem/MSSV3.i/2060720.s.b/b2549.d
Report Date: 08/09/2006 09:31

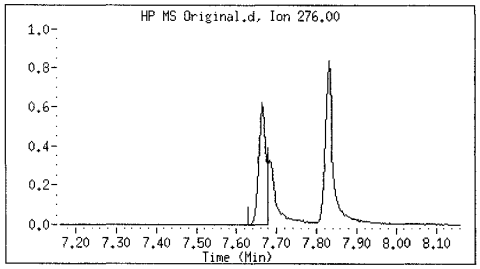
MANUAL INTEGRATION GRAPHIC REPORT

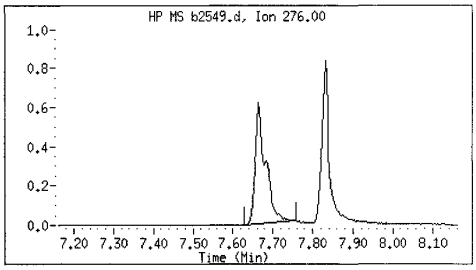
Lab ID	: 1600	SampleType	: LCS
Injection Date	: 20-JUL-2006 09:50	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1600*4-57-18		
Misc Info	: ICV050*MSSV~3835~*		
Method	: /var/chem/MSSV3.i/2060720.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: ICV



Original Final

82 Indeno(1,2,3-cd)pyrene CAS#: 193-39-5





Data File: /var/chem/MSSV3.i/2060722.s.b/b2654.d
Report Date: 22-Jul-2006 14:08

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i
Lab File ID: b2654.d
Analysis Type: WATER
Lab Sample ID: 1400
Method: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m

Injection Date: 22-JUL-2006 14:02
Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Init. Cal. Times: 11:02 09:35
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
2 Pyridine	0.60571	0.64507	0.64507	0.050	6.49821	30.00000	Averaged
1 n-Nitrosodimethylamine	0.14996	0.18360	0.18360	0.050	22.43677	30.00000	Averaged
$ 3 2-Fluorophenol	0.59266	0.71456	0.71456	0.050	20.56906	30.00000	Averaged
$ 4 Phenol d5	2.98064	3.30268	3.30268	0.050	10.80436	30.00000	Averaged
5 Aniline	3.86854	4.28516	4.28516	0.050	10.76942	30.00000	Averaged
6 Phenol +	4.28914	4.44987	4.44987	0.050	3.74754	20.00000	Averaged
7 bis(-2-Chloroethyl)Ether	2.09256	2.33392	2.33392	0.050	11.53427	30.00000	Averaged
8 2-Chlorophenol	1.65951	1.84942	1.84942	0.050	11.44352	30.00000	Averaged
9 1,3-Dichlorobenzene	1.85188	1.95644	1.95644	0.050	5.64604	30.00000	Averaged
11 1,4-Dichlorobenzene +	1.83537	1.95484	1.95484	0.050	6.50942	20.00000	Averaged
12 Benzyl alcohol	1.66120	1.87730	1.87730	0.050	13.00855	30.00000	Averaged
13 1,2-Dichlorobenzene	1.76533	1.86806	1.86806	0.050	5.81907	30.00000	Averaged
15 2-Methylphenol	2.47518	2.66208	2.66208	0.050	7.55114	30.00000	Averaged
14 Bis(2-chloroisopropyl)ether	1.57514	1.63645	1.63645	0.050	3.89203	30.00000	Averaged
17 3- & 4-Methylphenol	2.17565	2.56384	2.56384	0.050	17.84214	30.00000	Averaged
16 N-Nitroso-di-n-propylamine+	2.27246	2.62856	2.62856	0.050	15.67022	30.00000	Averaged
18 Hexachloroethane	0.94831	0.95908	0.95908	0.050	1.13580	30.00000	Averaged
$ 19 Nitrobenzene-d5	0.98190	1.04399	1.04399	0.050	6.32394	30.00000	Averaged
20 Nitrobenzene	0.97333	1.04077	1.04077	0.050	6.92891	30.00000	Averaged
21 Isophorone	1.74984	1.86948	1.86948	0.050	6.83743	30.00000	Averaged
22 2-Nitrophenol +	0.23472	0.24679	0.24679	0.050	5.14483	20.00000	Averaged
23 2,4-Dimethyphenol	0.69473	0.77413	0.77413	0.050	11.42892	30.00000	Averaged
24 bis(-2-Chloroethoxy)methane	0.95876	0.99613	0.99613	0.050	3.89830	30.00000	Averaged
25 Benzoic Acid	0.20900	0.19277	0.19277	0.050	-7.76603	30.00000	Averaged
26 2,4-Dichlorophenol +	0.36154	0.37522	0.37522	0.050	3.78497	20.00000	Averaged
27 1,2,4-Trichlorobenzene	0.40187	0.41676	0.41676	0.050	3.70675	30.00000	Averaged
29 Naphthalene	1.15528	1.22092	1.22092	0.050	5.68181	30.00000	Averaged
30 4-Chloroaniline	0.40698	0.43518	0.43518	0.050	6.92772	30.00000	Averaged
31 Hexachlorobutadiene +	0.29521	0.31459	0.31459	0.050	6.56546	20.00000	Averaged
32 4-Chloro-3-Methylphenol +	0.56843	0.61748	0.61748	0.050	8.62820	20.00000	Averaged
33 2-Methylnaphthalene	0.74699	0.77542	0.77542	0.050	3.80642	30.00000	Averaged
145 1-Methylnapthalene	0.61394	0.63911	0.63911	0.050	4.10015	30.00000	Averaged
34 Hexachlorocyclopentadiene +	0.52978	0.60648	0.60648	0.050	14.47833	30.00000	Averaged
35 2,4,6-Trichlorophenol +	0.46514	0.51362	0.51362	0.050	10.42337	20.00000	Averaged
36 2,4,5-Trichlorphenol	0.47369	0.51606	0.51606	0.050	8.94485	30.00000	Averaged
$ 37 2-Fluorobiphenyl	1.37097	1.51160	1.51160	0.050	10.25715	30.00000	Averaged

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i Injection Date: 22-JUL-2006 14:02
Lab File ID: b2654.d Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Analysis Type: WATER Init. Cal. Times: 11:02 09:35
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Chloronaphthalene	1.23121	1.36718	1.36718	0.050	11.04367	30.00000	Averaged
39 2-Nitroaniline	0.38518	0.40078	0.40078	0.050	4.04925	30.00000	Averaged
40 Dimethylphthalate	1.29840	1.36837	1.36837	0.050	5.38840	30.00000	Averaged
41 2,6-Dinitrotoluene	0.31488	0.34046	0.34046	0.050	8.12199	30.00000	Averaged
42 Acenaphthylene	1.95125	1.95867	1.95867	0.050	0.13189	30.00000	Averaged
43 3-Nitroaniline	0.29462	0.29677	0.29677	0.050	0.73194	30.00000	Averaged
45 Acenaphthene +	1.24150	1.22569	1.22569	0.050	-1.27378	20.00000	Averaged
46 2,4-Dinitrophenol ++	45.54701	50.00000	0.24235	0.050	-8.90597	0.000e+00	Quadratic <-
49 4-Nitrophenol ++	0.31369	0.31931	0.31931	0.050	1.79353	30.00000	Averaged
47 Dibenzofuran	1.81628	1.76504	1.76504	0.050	-2.82104	30.00000	Averaged
48 2,4-Dinitrotoluene	0.43829	0.45104	0.45104	0.050	2.90830	30.00000	Averaged
50 Diethylphthalate	1.22836	1.28506	1.28506	0.050	4.61584	30.00000	Averaged
52 4-Chlorophenyl-phenylether	0.68341	0.70475	0.70475	0.050	3.12222	30.00000	Averaged
51 Fluorene	1.44580	1.42468	1.42468	0.050	-1.46073	30.00000	Averaged
53 4-Nitroaniline	0.29333	0.28369	0.28369	0.050	-3.28602	30.00000	Averaged
54 4,6-Dinitro-o-cresol	0.19613	0.19851	0.19851	0.050	1.20884	30.00000	Averaged
55 N-nitrosodiphenylamine (1)+	0.57132	0.58074	0.58074	0.050	1.64860	20.00000	Averaged
56 Azobenzene	1.68786	1.70760	1.70760	0.050	1.16916	30.00000	Averaged
$ 57 2,4,6-Tribromophenol	0.20052	0.20701	0.20701	0.050	3.23601	30.00000	Averaged
58 4-Bromophenyl-phenylether	0.22172	0.24076	0.24076	0.050	8.58898	30.00000	Averaged
59 Hexachlorobenzene	0.30128	0.31175	0.31175	0.050	3.47512	30.00000	Averaged
60 Pentachlorophenol +	0.17709	0.20166	0.20166	0.050	13.87323	20.00000	Averaged
62 Phenanthrene	1.27337	1.25132	1.25132	0.050	-1.73121	30.00000	Averaged
63 Anthracene	1.25785	1.29533	1.29533	0.050	2.97929	30.00000	Averaged
64 Carbazole	0.99127	1.01537	1.01537	0.050	2.43134	30.00000	Averaged
65 Di-n-butylphthalate	1.15114	1.32663	1.32663	0.050	15.24462	30.00000	Averaged
67 Fluoranthene +	1.21889	1.29907	1.29907	0.050	6.57838	20.00000	Averaged
68 Benzidine	34.96899	50.00000	0.21548	0.050	-30.06202	0.000e+00	Quadratic <-
69 Pyrene	1.34239	1.41990	1.41990	0.050	5.77397	30.00000	Averaged
$ 70 Terphenyl d14	0.92790	1.04033	1.04033	0.050	12.11655	30.00000	Averaged
71 Butylbenzylphthalate	0.52275	0.61804	0.61804	0.050	18.22997	30.00000	Averaged
73 3,3'-Dichlorobenzidine	0.38220	0.41170	0.41170	0.050	7.71832	30.00000	Averaged
72 Benzo(a)anthracene	1.30214	1.34590	1.34590	0.050	3.36027	30.00000	Averaged
76 bis(2-Ethylhexyl)phthalate	56.69097	50.00000	0.79653	0.050	13.38194	0.000e+00	Quadratic <-
75 Chrysene	1.36590	1.36905	1.36905	0.050	0.23022	30.00000	Averaged
77 Di-n-octylphthalate +	1.14013	1.34190	1.34190	0.050	17.69732	20.00000	Averaged

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i Injection Date: 22-JUL-2006 14:02
Lab File ID: b2654.d Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Analysis Type: WATER Init. Cal. Times: 11:02 09:35
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 Benzo(b)fluoranthene	56.49740	50.00000	1.28617	0.050	12.99480	0.000e+00	Linear	<-
79 Benzo(k)fluoranthene	51.79544	50.00000	1.54342	0.050	3.59088	0.000e+00	Quadratic	<-
80 Benzo(a)pyrene +	1.05322	1.24421	1.24421	0.050	18.13453	20.00000	Averaged	
82 Indeno(1,2,3-cd)pyrene	44.72112	50.00000	1.35418	0.050	-10.55775	0.000e+00	Quadratic	<-
83 Dibenzo(a,h)anthracene	53.57717	50.00000	1.27239	0.050	7.15433	0.000e+00	Linear	<-
84 Benzo(g,h,i)perylene	50.66646	50.00000	1.26518	0.050	1.33292	0.000e+00	Quadratic	<-
M 66 Total Methylphenol	2.24278	2.61296	2.61296	0.050	16.50520	30.00000	Averaged	
91 Acetophenone	3.11901	3.57116	3.57116	0.050	14.49659	30.00000	Averaged	
155 Benzaldehyde	104	50.00000	1.73864	0.050	107	0.000e+00	Quadratic	<-
156 Caprolactam	0.15736	0.16356	0.16356	0.050	3.93782	30.00000	Averaged	
157 Biphenyl	0.79052	0.80980	0.80980	0.050	2.43929	30.00000	Averaged	
158 Atrazine	0.20228	0.21732	0.21732	0.050	7.43458	30.00000	Averaged	
174 1,4 Dioxane	0.22634	0.25047	0.25047	0.050	10.66331	30.00000	Averaged	

Average %D / Drift Results.

Calculated Average %D/Drift = 8.90819
Maximun Average %D/Drift = 30.00000
* Passed Average %D/Drift Test.

GCAL, Inc.

Data file : /var/chem/MSSV3.i/2060722.s.b/b2653.d
Lab Smp Id: 1100 Client Smp ID: DFTPP
Inj Date : 22-JUL-2006 13:46
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1100*4-39-13
Misc Info : DFTPP*MSSV~3839~*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/dftpp_03.m
Meth Date : 05-Jul-2006 10:49 jar3 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
4.414	4.491	-0.077	198	292096			100.00- 100.00	100.00
4.414	4.491	-0.077	51	103144			30.00- 60.00	35.31
4.414	4.491	-0.077	68	0			0.00- 2.00	0.00
4.414	4.491	-0.077	69	190133			0.00- 0.00	65.09
4.414	4.491	-0.077	70	1216			0.00- 2.00	0.64
4.414	4.491	-0.077	127	141309			40.00- 60.00	48.38
4.414	4.491	-0.077	197	0			0.00- 1.00	0.00
4.414	4.491	-0.077	199	20978			5.00- 9.00	7.18
4.414	4.491	-0.077	275	73000			10.00- 30.00	24.99
4.414	4.491	-0.077	365	10750			1.00- 0.00	3.68
4.414	4.491	-0.077	441	38773			0.01- 99.99	78.23
4.414	4.491	-0.077	442	260458			40.00- 100.00	89.17

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp (continued)								
4.414	4.491	-0.077	443	49565			17.00- 23.00	19.03

001121

Data File: /var/chem/MSSV3.i/2060722.s.b/b2653.d

Date : 22-JUL-2006 13:46

Client ID: DFTPP

Instrument: MSSV3.i

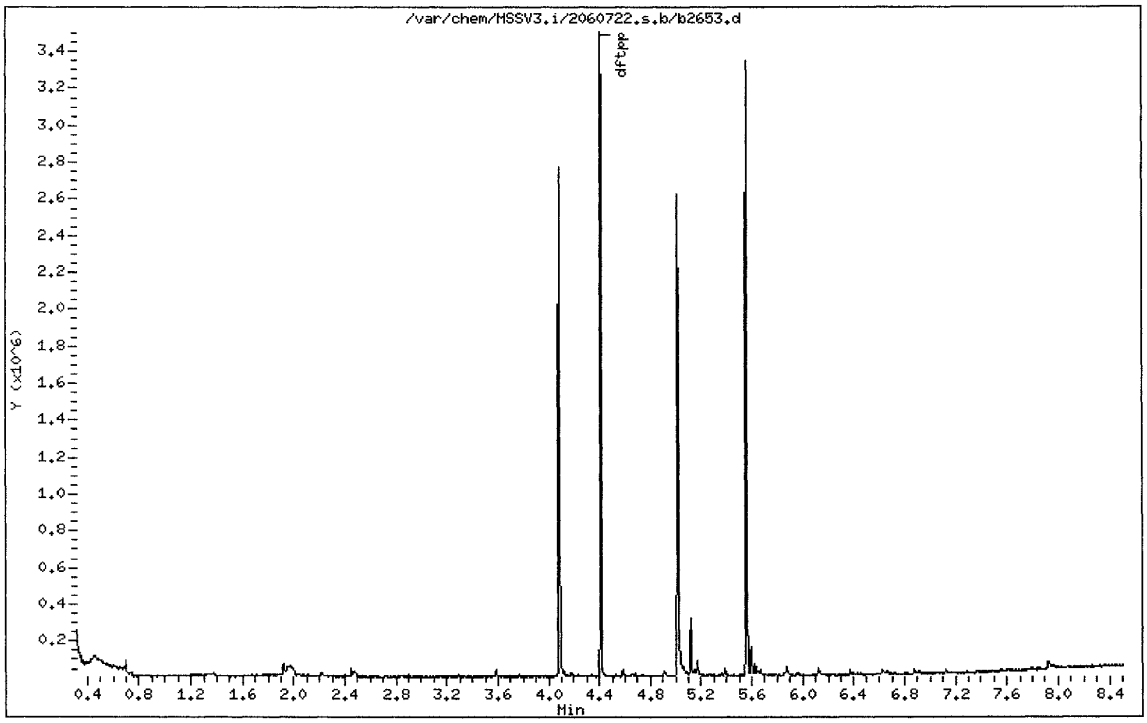
Sample Info: 1100*4-39-13

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00



001122

189094

Data File: /var/chem/MSSV3.i/2060722.s.b/b2653.d

Date : 22-JUL-2006 13:46

Client ID: DFTPP

Instrument: MSSV3.i

Sample Info: 1100*4-39-13

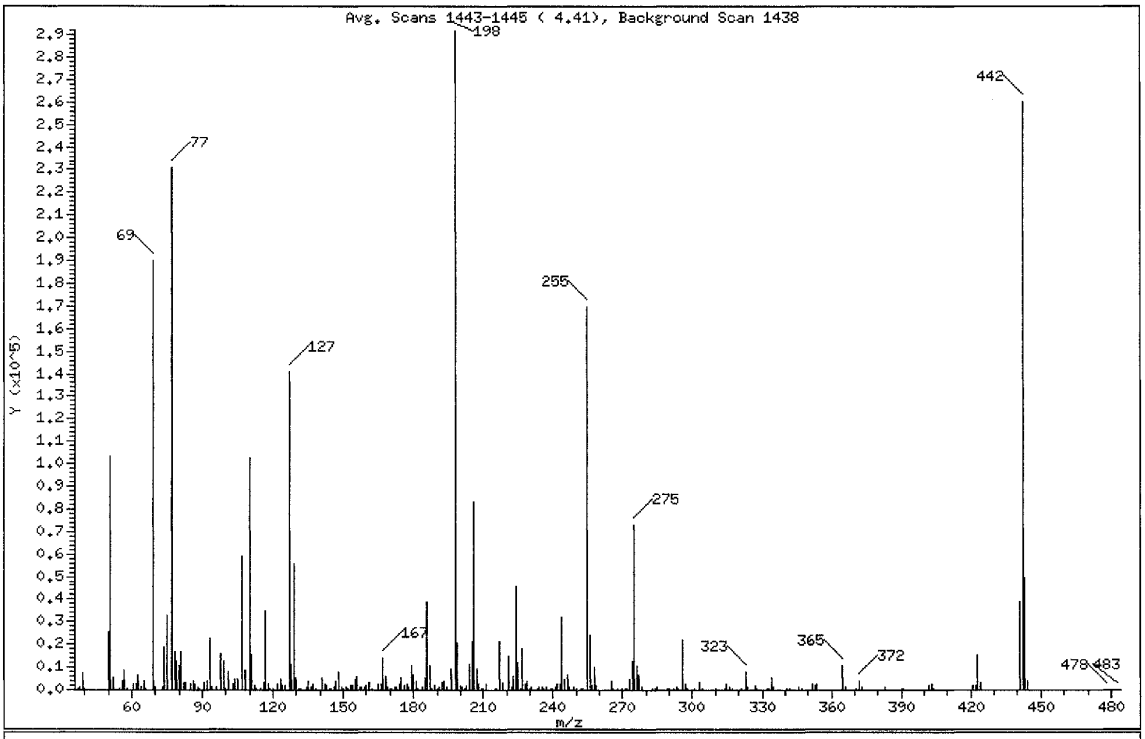
Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	35.31
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.09
70	Less than 2.00% of mass 69	0.42 (0.64)
127	40.00 - 60.00% of mass 198	48.38
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.18
275	10.00 - 30.00% of mass 198	24.99
365	Greater than 1.00% of mass 198	3.68
441	Present, but less than mass 443	13.27
442	40.00 - 100.00% of mass 198	89.17
443	17.00 - 23.00% of mass 442	16.97 (19.03)

Data File: /var/chem/MSSV3.i/2060722.s.b/b2653.d

Date : 22-JUL-2006 13:46

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100ng4-39-13

Volume Injected (uL): 1.0 | Operator: rrr

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2653.d
Spectrum: Avg. Scans 1443-1445 (4.41), Background Scan 1438
Location of Maximum: 198.00
Number of points: 339

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	450	139.00	296	225.00	11861	314.00	953
38.00	1151	140.00	272	226.00	525	315.00	2786
39.00	7278	141.00	5459	227.00	18400	316.00	1242
40.00	782	142.00	2857	228.00	2883	317.00	432
41.00	5	143.00	2188	229.00	4058	319.00	64
43.00	172	144.00	419	230.00	484	320.00	164
45.00	60	145.00	542	231.00	1442	321.00	823
50.00	25360	146.00	1294	232.00	117	322.00	275
51.00	103144	147.00	3762	233.00	540	323.00	7850
52.00	5572	148.00	7951	234.00	1432	324.00	1487
53.00	176	149.00	1477	235.00	1334	325.00	57
55.00	424	150.00	441	236.00	762	326.00	168
56.00	3766	151.00	1203	237.00	1373	327.00	1730
57.00	8834	152.00	814	238.00	259	328.00	961
58.00	398	153.00	2298	239.00	617	329.00	142
59.00	51	154.00	1846	240.00	525	332.00	695
60.00	172	155.00	4513	241.00	1236	333.00	660
61.00	2489	156.00	5878	242.00	2394	334.00	5153
62.00	2625	157.00	1088	243.00	2410	335.00	1056
63.00	6708	158.00	1099	244.00	32376	336.00	121
64.00	1086	159.00	1329	245.00	4634	338.00	64
65.00	3882	160.00	2308	246.00	6546	339.00	178
66.00	446	161.00	3161	247.00	1149	340.00	54
69.00	190080	162.00	849	248.00	267	341.00	975
70.00	1216	163.00	285	249.00	1239	342.00	428
72.00	163	164.00	210	250.00	419	343.00	111
73.00	1541	165.00	2637	251.00	256	346.00	1518
74.00	18976	166.00	2355	252.00	736	347.00	356
75.00	32856	167.00	13773	253.00	868	350.00	145
77.00	230976	168.00	6252	255.00	169984	351.00	121
78.00	16496	169.00	1237	256.00	24256	352.00	2554
79.00	12824	170.00	405	257.00	2214	353.00	2149
80.00	10856	171.00	839	258.00	10108	354.00	2443
81.00	17024	172.00	1226	259.00	1730	355.00	85
82.00	3491	173.00	1279	260.00	161	359.00	180

Data File: /var/chem/MSSV3.i/2060722.s.b/b2653.d

Date : 22-JUL-2006 13:46

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100ng4-39-13

Volume Injected (uL): 1.0 | Operator: rrr

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2653.d
Spectrum: Avg. Scans 1443-1445 (4.41), Background Scan 1438
Location of Maximum: 198.00
Number of points: 339

m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	3534	174.00	2870	261.00	108	361.00	70
85.00	2745	175.00	5418	262.00	54	365.00	10750
86.00	4343	176.00	1726	263.00	277	366.00	1614
87.00	2460	177.00	2656	264.00	245	367.00	76
88.00	1080	178.00	1020	265.00	4343	370.00	132
89.00	488	179.00	10926	266.00	691	371.00	637
90.00	65	180.00	6447	267.00	74	372.00	4360
91.00	3532	181.00	3971	268.00	372	373.00	1090
92.00	4036	182.00	532	269.00	110	374.00	60
93.00	22640	183.00	247	270.00	433	377.00	50
94.00	1430	184.00	1272	271.00	662	383.00	1510
95.00	235	185.00	5660	272.00	761	384.00	161
96.00	1516	186.00	38672	273.00	4833	385.00	220
98.00	16120	187.00	11031	274.00	13054	386.00	52
99.00	12915	188.00	870	275.00	73000	390.00	833
100.00	965	189.00	2316	276.00	10541	391.00	435
101.00	7892	190.00	391	277.00	6608	392.00	290
102.00	61	191.00	1571	278.00	1022	393.00	50
103.00	2379	192.00	3307	279.00	50	395.00	116
104.00	4882	193.00	4338	280.00	50	396.00	82
105.00	4870	194.00	1120	282.00	94	398.00	50
107.00	59328	195.00	231	283.00	805	401.00	254
108.00	8814	196.00	9139	284.00	517	402.00	1777
110.00	102928	198.00	292096	285.00	1504	403.00	2387
111.00	15341	199.00	20976	286.00	92	404.00	790
112.00	1945	200.00	1851	287.00	54	405.00	53
113.00	506	201.00	1378	288.00	59	410.00	57
114.00	254	202.00	343	289.00	459	412.00	63
115.00	340	203.00	2121	290.00	446	416.00	69
116.00	3315	204.00	11236	291.00	132	417.00	56
117.00	34960	205.00	21168	292.00	399	421.00	2051
118.00	2736	206.00	83248	293.00	1489	422.00	2292
119.00	397	207.00	9191	294.00	529	423.00	15704
120.00	837	208.00	2787	295.00	166	424.00	3231
122.00	2989	209.00	892	296.00	22016	425.00	64

Data File: /var/chem/MSSV3.i/2060722.s.b/b2653.d

Date : 22-JUL-2006 13:46

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100*4-39-13

Volume Injected (uL): 1.0 | Operator: rrr

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2653.d
Spectrum: Avg. Scans 1443-1445 (4.41), Background Scan 1438
Location of Maximum: 198.00
Number of points: 339

m/z	Y	m/z	Y	m/z	Y	m/z	Y
123.00	4401	210.00	898	297.00	2621	426.00	193
124.00	2104	211.00	3012	298.00	377	427.00	64
125.00	1741	212.00	324	299.00	57	429.00	70
127.00	141248	213.00	3	301.00	515	430.00	75
128.00	11702	214.00	67	302.00	121	431.00	64
129.00	55744	215.00	751	303.00	3382	432.00	215
130.00	5197	216.00	523	304.00	625	436.00	55
131.00	753	217.00	21784	305.00	306	441.00	38768
132.00	805	218.00	3356	307.00	90	442.00	260416
133.00	198	219.00	270	308.00	298	443.00	49560
134.00	1621	220.00	161	309.00	89	444.00	4308
135.00	3774	221.00	15002	310.00	457	445.00	187
136.00	1630	222.00	1254	311.00	79	478.00	59
137.00	2395	223.00	5755	312.00	91	483.00	53
138.00	697	224.00	45896	313.00	152		

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2654.d
Lab Smp Id: 1400 Client Smp ID: STD050
Inj Date : 22-JUL-2006 14:02
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1400*4-57-9*
Misc Info : STD050*MSSV~3839~*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 22-Jul-2006 14:08 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
2 Pyridine	79	0.375	0.375	(0.271)	203139	50.0000	53.2
1 n-Nitrosodimethylamine	42	0.369	0.369	(0.267)	57818	50.0000	61.2
$ 3 2-Fluorophenol	112	0.648	0.648	(0.467)	225023	50.0000	60.3
$ 4 Phenol-d5	99	1.181	1.181	(0.853)	1040046	50.0000	55.4
5 Aniline	93	1.150	1.150	(0.830)	1349439	50.0000	55.4
6 Phenol +	94	1.195	1.195	(0.863)	1401310	50.0000	51.9
7 bis(-2-Chloroethyl)Ether	63	1.218	1.218	(0.879)	734976	50.0000	55.8
8 2-Chlorophenol	128	1.244	1.244	(0.898)	582400	50.0000	55.7
9 1,3-Dichlorobenzene	146	1.340	1.340	(0.967)	616102	50.0000	52.8
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	251928	40.0000	
11 1,4-Dichlorobenzene +	146	1.397	1.397	(1.008)	615599	50.0000	53.3
12 Benzyl alcohol	108	1.516	1.516	(1.094)	591180	50.0000	56.5
13 1,2-Dichlorobenzene	146	1.502	1.502	(1.084)	588270	50.0000	52.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.621	1.621	(1.170)	838316	50.0000	53.8
	14 Bis(2-chloroisopropyl)ether	45	1.604	1.604	(1.158)	515333	50.0000	51.9
	17 3- & 4-Methylphenol	108	1.732	1.732	(1.250)	807378	50.0000	58.9
	16 N-Nitroso-di-n-propylamine++	70	1.701	1.701	(1.227)	827761	50.0000	57.8
	18 Hexachloroethane	117	1.726	1.726	(1.246)	302023	50.0000	50.6
$	19 Nitrobenzene-d5	82	1.777	1.777	(0.800)	1251886	50.0000	53.2
	20 Nitrobenzene	77	1.789	1.789	(0.805)	1248031	50.0000	53.5
	21 Isophorone	82	1.953	1.953	(0.879)	2241762	50.0000	53.4
	22 2-Nitrophenol +	139	1.993	1.993	(0.897)	295939	50.0000	52.6
	23 2,4-Dimethyphenol	107	2.064	2.064	(0.928)	928292	50.0000	55.7
	24 bis(-2-Chloroethoxy)methane	93	2.109	2.109	(0.949)	1194500	50.0000	51.9
	25 Benzoic Acid	122	2.189	2.189	(0.985)	231156	50.0000	46.1
	26 2,4-Dichlorophenol +	162	2.163	2.163	(0.973)	449940	50.0000	51.9
	27 1,2,4-Trichlorobenzene	180	2.195	2.195	(0.987)	499755	50.0000	51.9
*	28 Naphthalene-d8	136	2.223	2.223	(1.000)	959309	40.0000	
	29 Naphthalene	128	2.237	2.237	(1.006)	1464046	50.0000	52.8
	30 4-Chloroaniline	127	2.291	2.291	(1.031)	521838	50.0000	53.5
	31 Hexachlorobutadiene +	225	2.328	2.328	(1.047)	377238	50.0000	53.3
	32 4-Chloro-3-Methylphenol +	107	2.629	2.629	(1.183)	740443	50.0000	54.3
	33 2-Methylnaphthalene	142	2.666	2.666	(1.199)	929840	50.0000	51.9
	145 1-Methylnapthalene	142	2.722	2.722	(1.225)	766385	50.0000	52.1
	34 Hexachlorocyclopentadiene ++	237	2.768	2.768	(0.841)	389877	50.0000	57.2
	35 2,4,6-Trichlorophenol +	196	2.859	2.859	(0.868)	330180	50.0000	55.2
	36 2,4,5-Trichlorphenol	196	2.887	2.887	(0.877)	331751	50.0000	54.5
$	37 2-Fluorobiphenyl	172	2.901	2.901	(0.881)	971726	50.0000	55.1
	38 2-Chloronaphthalene	162	2.958	2.958	(0.898)	878886	50.0000	55.5
	39 2-Nitroaniline	138	3.037	3.037	(0.922)	257639	50.0000	52.0
	40 Dimethylphthalate	163	3.165	3.165	(0.961)	879651	50.0000	52.7
	41 2,6-Dinitrotoluene	165	3.194	3.194	(0.970)	218861	50.0000	54.1
	42 Acenaphthylene	152	3.205	3.205	(0.973)	1259123	50.0000	49.9
	43 3-Nitroaniline	138	3.293	3.293	(1.000)	190780	50.0000	50.4
*	44 Acenaphthene-d10	164	3.293	3.293	(1.000)	514278	40.0000	
	45 Acenaphthene +	153	3.313	3.313	(1.006)	787929	50.0000	49.4
	46 2,4-Dinitrophenol ++	184	3.355	3.355	(1.019)	155794	50.0000	45.5
	49 4-Nitrophenol ++	109	3.443	3.443	(1.046)	205270	50.0000	50.9
	47 Dibenzofuran	168	3.418	3.418	(1.038)	1134651	50.0000	48.6
	48 2,4-Dinitrotoluene	165	3.432	3.432	(1.042)	289949	50.0000	51.5
	50 Diethylphthalate	149	3.594	3.594	(1.091)	826098	50.0000	52.3
	52 4-Chlorophenyl-phenylether	204	3.639	3.639	(1.105)	453046	50.0000	51.6
	51 Fluorene	166	3.622	3.622	(1.100)	915853	50.0000	49.3
	53 4-Nitroaniline	138	3.665	3.665	(1.113)	182372	50.0000	48.4
	54 4,6-Dinitro-o-cresol	198	3.679	3.679	(0.879)	198138	50.0000	50.6
	55 N-nitrosodiphenylamine (1)+	169	3.716	3.716	(0.888)	579664	50.0000	50.8
	56 Azobenzene	77	3.733	3.733	(0.892)	1704435	50.0000	50.6
$	57 2,4,6-Tribromophenol	332	3.775	3.775	(1.147)	133075	50.0000	51.6
	58 4-Bromophenyl-phenylether	248	3.932	3.932	(0.940)	240318	50.0000	54.3
	59 Hexachlorobenzene	284	3.957	3.957	(0.946)	311168	50.0000	51.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.090	4.090	(0.978)	201290	50.0000	56.9
*	61 Phenanthrene-d10	188	4.184	4.184	(1.000)	798519	40.0000	
	62 Phenanthrene	178	4.198	4.198	(1.003)	1249005	50.0000	49.1
	63 Anthracene	178	4.230	4.230	(1.011)	1292932	50.0000	51.5
	64 Carbazole	167	4.343	4.343	(1.038)	1013495	50.0000	51.2
	65 Di-n-butylphthalate	149	4.584	4.584	(1.096)	1324173	50.0000	57.6
	67 Fluoranthene +	202	4.914	4.914	(1.174)	1296667	50.0000	53.3
	68 Benzidine	184	5.019	5.019	(0.855)	201495	50.0000	35.0
	69 Pyrene	202	5.047	5.047	(0.860)	1327720	50.0000	52.9
$	70 Terphenyl-d14	244	5.172	5.172	(0.881)	972787	50.0000	56.1
	71 Butylbenzylphthalate	149	5.521	5.521	(0.941)	577917	50.0000	59.1
	73 3,3'-Dichlorobenzidine	252	5.870	5.870	(1.000)	384975	50.0000	53.9
	72 Benzo(a)anthracene	228	5.859	5.859	(0.999)	1258520	50.0000	51.7
*	74 Chrysene-d12	240	5.867	5.867	(1.000)	748062	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.961	5.961	(1.016)	744815	50.0000	56.7
	75 Chrysene	228	5.887	5.887	(1.003)	1280164	50.0000	50.1
	77 Di-n-octylphthalate +	149	6.455	6.455	(1.100)	1254785	50.0000	58.8
	78 Benzo(b)fluoranthene	252	6.648	6.648	(0.961)	1098684	50.0000	56.5
	79 Benzo(k)fluoranthene	252	6.670	6.670	(0.964)	1318433	50.0000	51.8
	80 Benzo(a)pyrene +	252	6.880	6.880	(0.994)	1062843	50.0000	59.1(M)
*	81 Perylene-d12	264	6.920	6.920	(1.000)	683384	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.650	7.650	(1.304)	1266260	50.0000	44.7
	83 Dibenzo(a,h)anthracene	278	7.672	7.672	(1.109)	1086911	50.0000	53.6
	84 Benzo(g,h,i)perylene	276	7.817	7.817	(1.130)	1080756	50.0000	50.7
M	66 Total Methylphenol	108				1645694	100.000	117
	91 Acetophenone	105	1.686	1.686	(1.217)	1124594	50.0000	57.2
	155 Benzaldehyde	77	1.051	1.051	(0.758)	547516	50.0000	104
	156 Caprolactam	113	2.538	2.538	(1.142)	196126	50.0000	52.0
	157 Biphenyl	154	2.955	2.955	(1.329)	971064	50.0000	51.2
	158 Atrazine	200	4.062	4.062	(0.971)	216914	50.0000	53.7
	174 1,4-Dioxane	88	0.330	0.330	(0.238)	78877	50.0000	55.3

QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2654.d

Page 1

Date : 22-JUL-2006 14:02

Client ID: STD050

Instrument: MSSV3.i

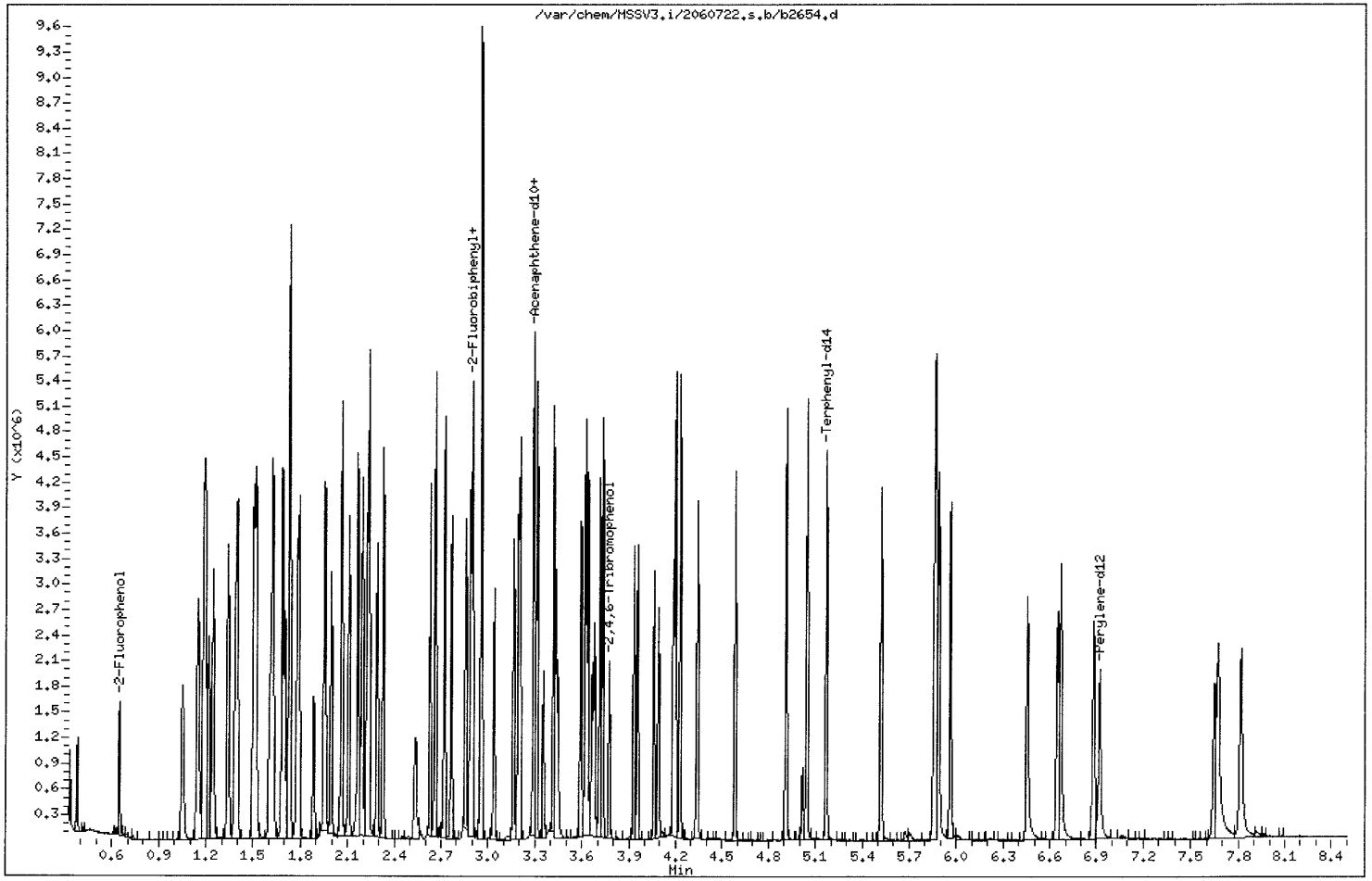
Sample Info: 1400%4-57-9%

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25



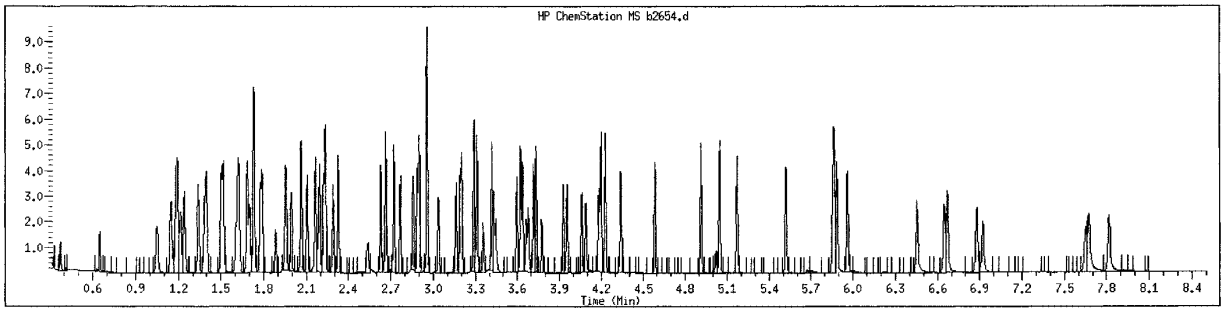
001130

189102

Data file : /var/chem/MSSV3.i/2060722.s.b/b2654.d Page: 1
Report Date: 07/22/2006 14:08

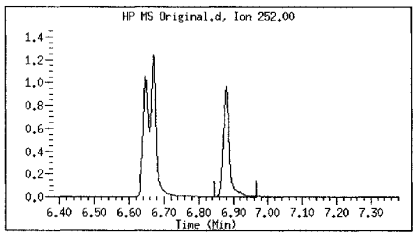
MANUAL INTEGRATION GRAPHIC REPORT

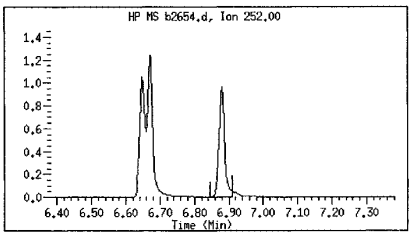
Lab ID	: 1400	SampleType	: CCALIB_5
Injection Date	: 22-JUL-2006 14:02	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1400*4-57-9*		
Misc Info	: STD050*MSSV~3839~*		
Method	: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: SA8270



Original Final

80 Benzo(a)pyrene + CAS#: 50-32-8





001131

189103

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i Injection Date: 23-JUL-2006 14:30
Lab File ID: b2804.d Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Analysis Type: SOIL Init. Cal. Times: 11:02 09:35
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
2 Pyridine	0.60571	0.73222	0.73222	0.050	20.88701	30.00000	Averaged
1 n-Nitrosodimethylamine	0.14996	0.19203	0.19203	0.050	28.05875	30.00000	Averaged
$ 3 2 Fluorophenol	0.59266	0.76860	0.76860	0.050	29.68661	30.00000	Averaged
$ 4 Phenol-d5	2.98064	3.04803	3.04803	0.050	2.26099	30.00000	Averaged
5 Aniline	3.56824	3.72309	3.72309	0.050	3.75968	30.00000	Averaged
6 Phenol +	4.28914	4.06796	4.06796	0.050	-5.15662	20.00000	Averaged
7 bis(-2-Chloroethyl)Ether	2.09256	2.18053	2.18053	0.050	4.20383	30.00000	Averaged
8 2-Chlorophenol	1.65951	1.70783	1.70783	0.050	2.91169	30.00000	Averaged
9 1,3-Dichlorobenzene	1.85188	1.85309	1.85309	0.050	0.06530	30.00000	Averaged
11 1,4-Dichlorobenzene +	1.83537	1.87183	1.87183	0.050	1.98675	20.00000	Averaged
12 Benzyl alcohol	1.66120	1.76045	1.76045	0.050	5.97464	30.00000	Averaged
13 1,2-Dichlorobenzene	1.76533	1.79038	1.79038	0.050	1.41886	30.00000	Averaged
15 2-Methylphenol	2.47518	2.46283	2.46283	0.050	-0.49877	30.00000	Averaged
14 Bis(2-chloroisopropyl)ether	1.57514	1.43174	1.43174	0.050	-9.10375	30.00000	Averaged
17 3- & 4-Methylphenol	2.17565	2.36877	2.36877	0.050	8.87613	30.00000	Averaged
16 N-Nitroso-di-n-propylamine+	2.27246	2.48336	2.48336	0.050	9.28053	30.00000	Averaged
18 Hexachloroethane	0.94831	0.94881	0.94881	0.050	0.05284	30.00000	Averaged
$ 19 Nitrobenzene-d5	0.98190	1.05333	1.05333	0.050	7.27519	30.00000	Averaged
20 Nitrobenzene	0.97333	1.02051	1.02051	0.050	4.84672	30.00000	Averaged
21 Isophorone	1.74984	1.80512	1.80512	0.050	3.15956	30.00000	Averaged
22 2-Nitrophenol +	0.23472	0.24450	0.24450	0.050	4.16787	20.00000	Averaged
23 2,4-Dimethyphenol	0.69473	0.77882	0.77882	0.050	12.10294	30.00000	Averaged
24 bis(-2-Chloroethoxy)methane	0.95876	0.97602	0.97602	0.050	1.80009	30.00000	Averaged
25 Benzoic Acid	0.20900	0.23570	0.23570	0.050	12.77516	30.00000	Averaged
26 2,4-Dichlorophenol +	0.36154	0.37568	0.37568	0.050	3.91227	20.00000	Averaged
27 1,2,4-Trichlorobenzene	0.40187	0.40775	0.40775	0.050	1.46447	30.00000	Averaged
29 Naphthalene	1.15528	1.17989	1.17989	0.050	2.13094	30.00000	Averaged
30 4-Chloroaniline	0.40698	0.41480	0.41480	0.050	1.92098	30.00000	Averaged
31 Hexachlorobutadiene +	0.29521	0.32157	0.32157	0.050	8.92987	20.00000	Averaged
32 4-Chloro 3-Methylphenol +	0.56843	0.60699	0.60699	0.050	6.78199	20.00000	Averaged
33 2 Methylnaphthalene	0.74699	0.74459	0.74459	0.050	0.32161	30.00000	Averaged
145 1-Methylnapthalene	0.61394	0.61589	0.61589	0.050	0.31766	30.00000	Averaged
34 Hexachlorocyclopentadiene +	0.52978	0.57933	0.57933	0.050	9.35187	30.00000	Averaged
35 2,4,6-Trichlorophenol +	0.46514	0.47435	0.47435	0.050	1.97993	20.00000	Averaged
36 2,4,5-Trichlorphenol	0.47369	0.49227	0.49227	0.050	3.92115	30.00000	Averaged
$ 37 2-Fluorobiphenyl	1.37097	1.40470	1.40470	0.050	2.46005	30.00000	Averaged

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i Injection Date: 23-JUL-2006 14:30
Lab File ID: b2804.d Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Analysis Type: SOIL Init. Cal. Times: 11:02 09:35
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Chloronaphthalene	1.23121	1.26292	1.26292	0.050	2.57558	30.00000	Averaged
39 2 Nitroaniline	0.38518	0.39014	0.39014	0.050	1.28831	30.00000	Averaged
40 Dimethylphthalate	1.29840	1.35575	1.35575	0.050	4.41701	30.00000	Averaged
41 2,6-Dinitrotoluene	0.31488	0.32499	0.32499	0.050	3.21188	30.00000	Averaged
42 Acenaphthylene	1.96125	1.80868	1.80868	0.050	-7.77949	30.00000	Averaged
43 3-Nitroaniline	0.29462	0.30243	0.30243	0.050	2.65055	30.00000	Averaged
45 Acenaphthene +	1.24150	1.18471	1.18471	0.050	-4.57401	20.00000	Averaged
46 2,4-Dinitrophenol ++	46.60930	50.00000	0.24823	0.050	-6.78139	0.000e+00	Quadratic <-
49 4-Nitrophenol ++	0.31369	0.37062	0.37062	0.050	18.14973	30.00000	Averaged
47 Dibenzofuran	1.81628	1.73399	1.73399	0.050	-4.53056	30.00000	Averaged
48 2,4-Dinitrotoluene	0.43829	0.43873	0.43873	0.050	0.09942	30.00000	Averaged
50 Diethylphthalate	1.22836	1.34240	1.34240	0.050	9.28392	30.00000	Averaged
52 4-Chlorophenyl-phenylether	0.68341	0.71945	0.71945	0.050	5.27310	30.00000	Averaged
51 Fluorene	1.44580	1.38302	1.38302	0.050	-4.34232	30.00000	Averaged
53 4-Nitroaniline	0.29333	0.29182	0.29182	0.050	-0.51444	30.00000	Averaged
54 4,6-Dinitro-o-cresol	0.19613	0.19865	0.19865	0.050	1.28086	30.00000	Averaged
55 N-nitrosodiphenylamine (1) +	0.57132	0.55241	0.55241	0.050	-3.30956	20.00000	Averaged
56 Azobenzene	1.68786	1.68638	1.68638	0.050	0.08794	30.00000	Averaged
$ 57 2,4,6 Tribromophenol	0.20052	0.20971	0.20971	0.050	4.58173	30.00000	Averaged
58 4-Bromophenyl-phenylether	0.22172	0.21938	0.21938	0.050	-1.05638	30.00000	Averaged
59 Hexachlorobenzene	0.30128	0.29830	0.29830	0.050	-0.98761	30.00000	Averaged
60 Pentachlorophenol +	0.17709	0.19651	0.19651	0.050	10.96105	20.00000	Averaged
62 Phenanthrene	1.27337	1.20247	1.20247	0.050	-5.56786	30.00000	Averaged
63 Anthracene	1.25785	1.22547	1.22547	0.050	-2.57469	30.00000	Averaged
64 Carbazole	0.99127	0.97782	0.97782	0.050	-1.35677	30.00000	Averaged
65 Di-n-butylphthalate	1.15114	1.24974	1.24974	0.050	8.56555	30.00000	Averaged
67 Fluoranthene +	1.21889	1.22751	1.22751	0.050	0.70737	20.00000	Averaged
68 Benzidine	24.19342	50.00000	0.16203	0.050	-51.61317	0.000e+00	Quadratic <-
69 Pyrene	1.34239	1.32718	1.32718	0.050	-1.13316	30.00000	Averaged
$ 70 Terphenyl-d14	0.92790	0.98136	0.98136	0.050	5.76140	30.00000	Averaged
71 Butylbenzylphthalate	0.52275	0.59094	0.59094	0.050	13.04503	30.00000	Averaged
73 3,3'-Dichlorobenzidine	0.38220	0.40279	0.40279	0.050	5.38713	30.00000	Averaged
72 Benzo(a)anthracene	1.30214	1.30576	1.30576	0.050	0.27742	30.00000	Averaged
76 bis(2-Ethylhexyl)phthalate	57.30744	50.00000	0.80492	0.050	14.61487	0.000e+00	Quadratic <-
75 Chrysene	1.36590	1.27871	1.27871	0.050	-6.38346	30.00000	Averaged
77 Di-n-octylphthalate +	1.14013	1.36123	1.36123	0.050	19.39240	20.00000	Averaged

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i Injection Date: 23-JUL-2006 14:30
Lab File ID: b2804.d Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Analysis Type: SOIL Init. Cal. Times: 11:02 09:35
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 Benzo(b)fluoranthene	56.66495	50.00000	1.29014	0.050	13.33789	0.000e+00	Linear	<
79 Benzo(k)fluoranthene	49.86733	50.00000	1.48889	0.050	-0.26533	0.000e+00	Quadratic	<
80 Benzo(a)pyrene +	1.05322	1.23843	1.23843	0.050	17.58574	20.00000	Averaged	
82 Indeno(1,2,3-cd)pyrene	45.02450	50.00000	1.36375	0.050	-9.95101	0.000e+00	Quadratic	<
83 Dibenzo(a,h)anthracene	51.56388	50.00000	1.22153	0.050	3.12775	0.000e+00	Linear	<
84 Benzo(g,h,i)perylene	50.45033	50.00000	1.25963	0.050	0.90066	0.000e+00	Quadratic	<
M 66 Total Methylphenol	2.24278	2.41580	2.41580	0.050	7.71436	30.00000	Averaged	
91 Acetophenone	3.11901	3.39702	3.39702	0.050	8.91354	30.00000	Averaged	
155 Benzaldehyde	71.10199	50.00000	1.46716	0.050	42.20398	0.000e+00	Quadratic	<
156 Caprolactam	0.15736	0.17528	0.17528	0.050	11.39102	30.00000	Averaged	
157 Biphenyl	0.79052	0.84692	0.84692	0.050	7.13420	30.00000	Averaged	
158 Atrazine	0.20228	0.21477	0.21477	0.050	6.17516	30.00000	Averaged	
174 1,4-Dioxane	0.22634	0.24169	0.24169	0.050	6.78306	30.00000	Averaged	

Average %D / Drift Results.

Calculated Average %D/Drift = 6.98122
Maximun Average %D/Drift = 30.00000
* Passed Average %D/Drift Test.

GCAL, Inc.

Data file : /var/chem/MSSV3.i/2060723.s.b/b2801.d
Lab Smp Id: 1100 Client Smp ID: DFTPP
Inj Date : 23-JUL-2006 13:43
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1100*4-39-13
Misc Info : DFTPP*MSSV~3840~*
Comment :
Method : /var/chem/MSSV3.i/2060723.s.b/dftpp_03.m
Meth Date : 05-Jul-2006 10:49 jar3 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
4.411	4.491	-0.080	198	226474			100.00- 100.00	100.00
4.411	4.491	-0.080	51	75773			30.00- 60.00	33.46
4.411	4.491	-0.080	68	0			0.00- 2.00	0.00
4.411	4.491	-0.080	69	151139			0.00- 0.00	66.74
4.411	4.491	-0.080	70	0			0.00- 2.00	0.00
4.411	4.491	-0.080	127	111697			40.00- 60.00	49.32
4.411	4.491	-0.080	197	0			0.00- 1.00	0.00
4.411	4.491	-0.080	199	14746			5.00- 9.00	6.51
4.411	4.491	-0.080	275	57834			10.00- 30.00	25.54
4.411	4.491	-0.080	365	9415			1.00- 0.00	4.16
4.411	4.491	-0.080	441	32480			0.01- 99.99	84.60
4.411	4.491	-0.080	442	206165			40.00- 100.00	91.03

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp (continued)								
4.411	4.491	-0.080	443	38392			17.00- 23.00	18.62

Data File: /var/chem/MSSV3.i/2060723.s.b/b2801.d

Date : 23-JUL-2006 13:43

Client ID: DFTPP

Instrument: MSSV3.i

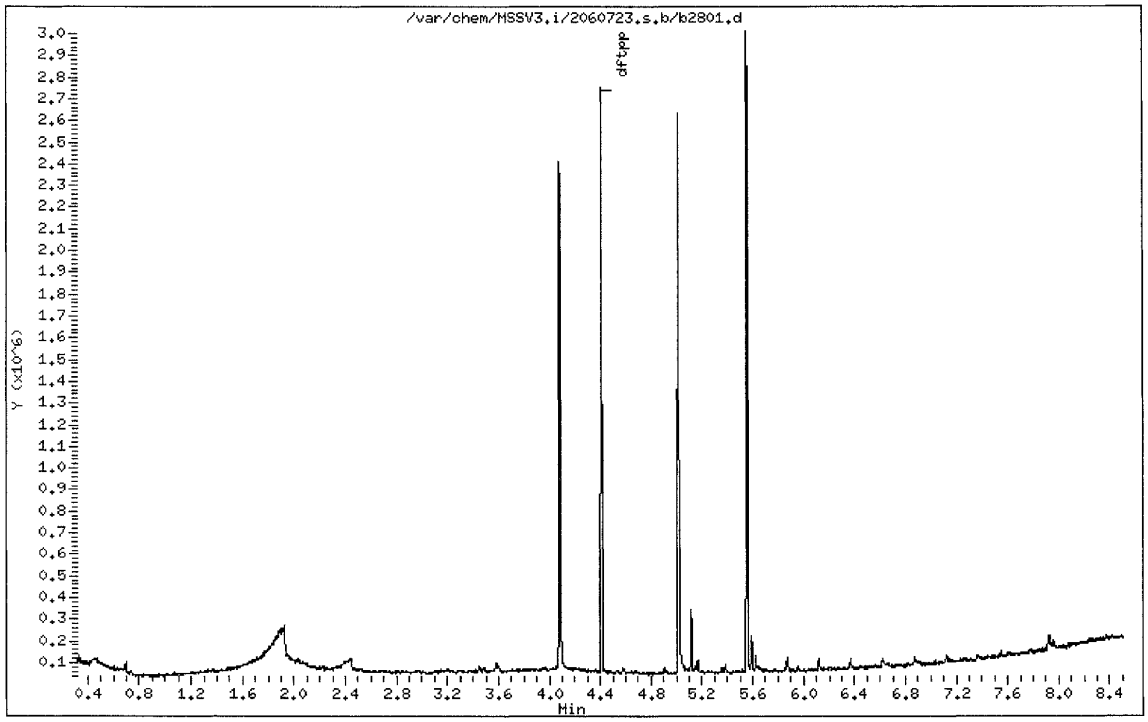
Sample Info: 1100*4-39-13

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00



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189109

Data File: /var/chem/MSSV3.i/2060723.s.b/b2801.d

Date : 23-JUL-2006 13:43

Client ID: DFTPP

Instrument: MSSV3.i

Sample Info: 1100*4-39-13

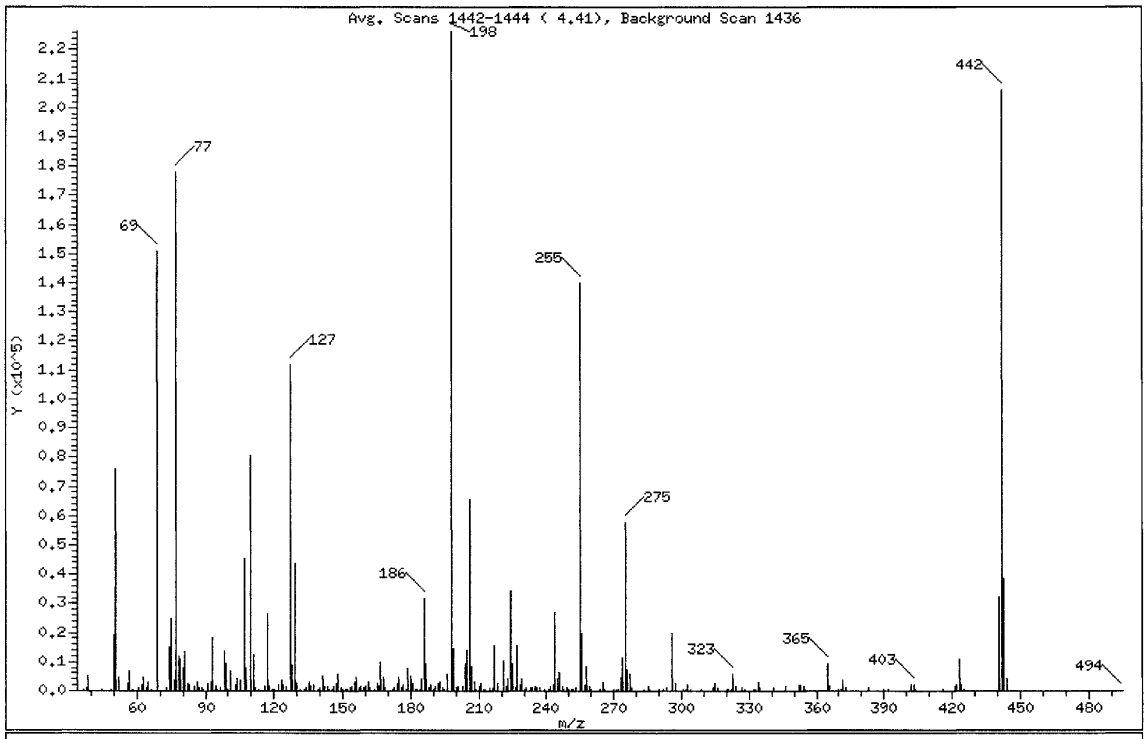
Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	33.46
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	66.74
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.32
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.51
275	10.00 - 30.00% of mass 198	25.54
365	Greater than 1.00% of mass 198	4.16
441	Present, but less than mass 443	14.34
442	40.00 - 100.00% of mass 198	91.03
443	17.00 - 23.00% of mass 442	16.95 (18.62)

Data File: /var/chem/MSSV3.i/2060723.s.b/b2801.d

Date : 23-JUL-2006 13:43

Client ID: DFTPP

Instrument: MSSV3.i

Sample Info: 1100ng4-39-13

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 2.00

Data File: b2801.d
Spectrum: Avg. Scans 1442-1444 (4.41), Background Scan 1436
Location of Maximum: 198.00
Number of points: 323

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	57	134.00	1256	218.00	2349	309.00	310
36.00	127	135.00	2893	219.00	70	310.00	71
37.00	437	136.00	1615	220.00	125	312.00	52
38.00	1015	137.00	2146	221.00	10564	313.00	171
39.00	5438	138.00	230	222.00	1563	314.00	858
40.00	256	139.00	404	223.00	3996	315.00	2367
45.00	334	140.00	832	224.00	34184	316.00	1166
47.00	58	141.00	5140	225.00	9541	317.00	255
49.00	675	142.00	1713	226.00	782	319.00	71
50.00	19224	143.00	1471	227.00	15732	320.00	430
51.00	75768	144.00	263	228.00	2287	321.00	633
52.00	4701	145.00	368	229.00	3977	322.00	265
53.00	191	146.00	1357	230.00	614	323.00	5808
54.00	195	147.00	2431	231.00	1209	324.00	1319
55.00	215	148.00	5878	232.00	160	325.00	141
56.00	2378	149.00	950	233.00	863	326.00	211
57.00	6592	150.00	275	234.00	1083	327.00	1196
58.00	475	151.00	469	235.00	1650	328.00	593
60.00	208	152.00	390	236.00	928	331.00	55
61.00	1135	153.00	1190	237.00	1083	332.00	496
62.00	1841	154.00	1395	238.00	76	333.00	419
63.00	4682	155.00	2992	239.00	728	334.00	3294
64.00	890	156.00	4641	240.00	224	335.00	898
65.00	3038	157.00	1033	241.00	753	336.00	68
66.00	522	158.00	1307	242.00	1675	339.00	141
69.00	151104	159.00	1003	243.00	2294	340.00	127
73.00	790	160.00	1452	244.00	27312	341.00	872
74.00	14840	161.00	3016	245.00	4027	342.00	187
75.00	25032	162.00	841	246.00	6167	345.00	88
76.00	3630	163.00	95	247.00	1578	346.00	1459
77.00	178176	164.00	388	248.00	572	347.00	113
78.00	11990	165.00	2845	249.00	963	352.00	2079
79.00	10782	166.00	1600	250.00	416	353.00	2097
80.00	7835	167.00	9911	251.00	543	354.00	1710
81.00	13751	168.00	4835	252.00	305	355.00	383

Data File: /var/chem/MSSV3.i/2060723.s.b/b2801.d

Date : 23-JUL-2006 13:43

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100*4-39-13

Volume Injected (uL): 1.0 | Operator: rrr

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2801.d
Spectrum: Avg. Scans 1442-1444 (4.41), Background Scan 1436
Location of Maximum: 198.00
Number of points: 323

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	2733	169.00	1172	253.00	930	359.00	233
83.00	2297	170.00	168	255.00	140096	360.00	156
84.00	126	171.00	241	256.00	19784	365.00	9415
85.00	1606	172.00	649	257.00	1949	366.00	1323
86.00	3124	173.00	1270	258.00	8317	367.00	63
87.00	954	174.00	2446	259.00	1459	370.00	326
88.00	805	175.00	4524	260.00	356	371.00	451
89.00	535	176.00	1143	261.00	249	372.00	3608
90.00	69	177.00	2051	263.00	57	373.00	1015
91.00	2784	178.00	727	264.00	295	377.00	92
92.00	3357	179.00	7858	265.00	3122	382.00	77
93.00	18344	180.00	5112	266.00	495	383.00	1049
94.00	1498	181.00	2800	267.00	50	384.00	195
95.00	283	182.00	528	268.00	153	387.00	81
96.00	861	183.00	273	270.00	489	390.00	470
98.00	13332	184.00	716	271.00	273	392.00	367
99.00	9561	185.00	4297	272.00	654	395.00	84
100.00	660	186.00	31504	273.00	4450	396.00	110
101.00	6522	187.00	9481	274.00	11525	401.00	177
102.00	74	188.00	786	275.00	57832	402.00	1875
103.00	2071	189.00	1934	276.00	7515	403.00	1886
104.00	3959	190.00	356	277.00	5829	404.00	667
105.00	3432	191.00	1335	278.00	1115	405.00	99
107.00	45448	192.00	2493	279.00	183	410.00	93
108.00	7607	193.00	3069	281.00	65	416.00	273
110.00	80592	194.00	939	282.00	86	419.00	74
111.00	12535	195.00	487	283.00	716	421.00	1353
112.00	1219	196.00	5788	284.00	182	422.00	2043
113.00	437	198.00	226432	285.00	1406	423.00	10760
115.00	83	199.00	14746	286.00	287	424.00	2213
116.00	1775	200.00	1226	289.00	183	425.00	379
117.00	26664	201.00	1312	290.00	372	426.00	73
118.00	1758	203.00	1737	291.00	98	428.00	149
119.00	435	204.00	9158	292.00	492	429.00	124
120.00	457	205.00	14291	293.00	1190	431.00	100

Data File: /var/chem/MSSV3.i/2060723.s.b/b2801.d

Date : 23-JUL-2006 13:43

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100ng4-39-13

Volume Injected (uL): 1.0 | Operator: rrr

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2801.d
Spectrum: Avg. Scans 1442-1444 (4.41), Background Scan 1436
Location of Maximum: 198.00
Number of points: 323

m/z	Y	m/z	Y	m/z	Y	m/z	Y
122.00	2310	206.00	65736	294.00	80	432.00	58
123.00	3812	207.00	8536	296.00	19576	434.00	54
124.00	2224	208.00	2881	297.00	2751	435.00	53
125.00	1682	209.00	415	298.00	81	439.00	66
127.00	111696	210.00	1325	301.00	273	441.00	32480
128.00	8640	211.00	2561	302.00	271	442.00	206144
129.00	43944	212.00	736	303.00	2111	443.00	38392
130.00	2747	213.00	276	304.00	270	444.00	4161
131.00	576	215.00	793	305.00	50	445.00	114
132.00	243	216.00	948	307.00	66	494.00	107
133.00	325	217.00	15522	308.00	247		

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060723.s.b/b2804.d
Lab Smp Id: 1400 Client Smp ID: STD050
Inj Date : 23-JUL-2006 14:30
Operator : rrr Inst ID: MSSV3.i
Smp Info : 1400*4-57-9*
Misc Info : STD050*MSSV~3840~*
Comment :
Method : /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 14:32 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
2 Pyridine	79	0.372	0.372	(0.269)	199349	50.0000	60.4
1 n-Nitrosodimethylamine	42	0.367	0.367	(0.265)	52281	50.0000	64.0
$ 3 2-Fluorophenol	112	0.645	0.645	(0.466)	209252	50.0000	64.8
$ 4 Phenol-d5	99	1.178	1.178	(0.852)	829830	50.0000	51.1
5 Aniline	93	1.144	1.144	(0.828)	1013617	50.0000	48.1
6 Phenol +	94	1.190	1.190	(0.860)	1107508	50.0000	47.4
7 bis(-2-Chloroethyl)Ether	63	1.215	1.215	(0.879)	593652	50.0000	52.1
8 2-Chlorophenol	128	1.241	1.241	(0.897)	464959	50.0000	51.5
9 1,3-Dichlorobenzene	146	1.337	1.337	(0.967)	504506	50.0000	50.0
* 10 1,4-Dichlorobenzene-d4	152	1.380	1.380	(1.000)	217801	40.0000	
11 1,4-Dichlorobenzene +	146	1.394	1.394	(1.008)	509609	50.0000	51.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	12 Benzyl alcohol	108	1.513	1.513	(1.094)	479285	50.0000	53.0
	13 1,2-Dichlorobenzene	146	1.499	1.499	(1.084)	487433	50.0000	50.7
	15 2-Methylphenol	108	1.618	1.618	(1.170)	670509	50.0000	49.8
	14 Bis(2-chloroisopropyl)ether	45	1.601	1.601	(1.158)	389794	50.0000	45.4
	17 3- & 4-Methylphenol	108	1.729	1.729	(1.250)	644900	50.0000	54.4
	16 N-Nitroso-di-n-propylamine++	70	1.698	1.698	(1.228)	676098	50.0000	54.6
	18 Hexachloroethane	117	1.723	1.723	(1.246)	258314	50.0000	50.0
$	19 Nitrobenzene-d5	82	1.772	1.772	(0.798)	1048232	50.0000	53.6
	20 Nitrobenzene	77	1.786	1.786	(0.804)	1015569	50.0000	52.4
	21 Isophorone	82	1.950	1.950	(0.879)	1796387	50.0000	51.6
	22 2-Nitrophenol +	139	1.990	1.990	(0.896)	243317	50.0000	52.1
	23 2,4-Dimethyphenol	107	2.061	2.061	(0.928)	775047	50.0000	56.1
	24 bis(-2-Chloroethoxy)methane	93	2.104	2.104	(0.948)	971293	50.0000	50.9
	25 Benzoic Acid	122	2.186	2.186	(0.985)	234559	50.0000	56.4
	26 2,4-Dichlorophenol +	162	2.160	2.160	(0.973)	373862	50.0000	52.0
	27 1,2,4-Trichlorobenzene	180	2.192	2.192	(0.987)	405778	50.0000	50.7
*	28 Naphthalene-d8	136	2.220	2.220	(1.000)	796128	40.0000	
	29 Naphthalene	128	2.234	2.234	(1.006)	1174184	50.0000	51.1
	30 4-Chloroaniline	127	2.288	2.288	(1.031)	412794	50.0000	51.0
	31 Hexachlorobutadiene +	225	2.325	2.325	(1.047)	320015	50.0000	54.5
	32 4-Chloro-3-Methylphenol +	107	2.629	2.629	(1.184)	604048	50.0000	53.4
	33 2-Methylnaphthalene	142	2.663	2.663	(1.199)	740985	50.0000	49.8
	145 1-Methylnapthalene	142	2.720	2.720	(1.225)	612911	50.0000	50.2
	34 Hexachlorocyclopentadiene ++	237	2.765	2.765	(0.840)	332779	50.0000	54.7
	35 2,4,6-Trichlorophenol +	196	2.856	2.856	(0.868)	272477	50.0000	51.0
	36 2,4,5-Trichlorphenol	196	2.887	2.887	(0.877)	282771	50.0000	52.0
$	37 2-Fluorobiphenyl	172	2.898	2.898	(0.881)	806895	50.0000	51.2
	38 2-Chloronaphthalene	162	2.955	2.955	(0.898)	725451	50.0000	51.3
	39 2-Nitroaniline	138	3.037	3.037	(0.923)	224108	50.0000	50.6
	40 Dimethylphthalate	163	3.162	3.162	(0.961)	778779	50.0000	52.2
	41 2,6-Dinitrotoluene	165	3.191	3.191	(0.970)	186685	50.0000	51.6
	42 Acenaphthylene	152	3.202	3.202	(0.973)	1038949	50.0000	46.1
	43 3-Nitroaniline	138	3.290	3.290	(1.000)	173721	50.0000	51.3
*	44 Acenaphthene-d10	164	3.290	3.290	(1.000)	459540	40.0000	
	45 Acenaphthene +	153	3.310	3.310	(1.006)	680529	50.0000	47.7
	46 2,4-Dinitrophenol ++	184	3.353	3.353	(1.019)	142591	50.0000	46.6
	49 4-Nitrophenol ++	109	3.443	3.443	(1.047)	212894	50.0000	59.1
	47 Dibenzofuran	168	3.415	3.415	(1.038)	996047	50.0000	47.7
	48 2,4-Dinitrotoluene	165	3.432	3.432	(1.043)	252016	50.0000	50.0
	50 Diethylphthalate	149	3.594	3.594	(1.092)	771109	50.0000	54.6
	52 4-Chlorophenyl-phenylether	204	3.636	3.636	(1.105)	413269	50.0000	52.6
	51 Fluorene	166	3.622	3.622	(1.101)	794441	50.0000	47.8
	53 4-Nitroaniline	138	3.665	3.665	(1.114)	167631	50.0000	49.7
	54 4,6-Dinitro-o-cresol	198	3.679	3.679	(0.879)	184846	50.0000	50.6
	55 N-nitrosodiphenylamine (1)+	169	3.716	3.716	(0.888)	514034	50.0000	48.3
	56 Azobenzene	77	3.733	3.733	(0.892)	1569219	50.0000	50.0
$	57 2,4,6-Tribromophenol	332	3.773	3.773	(1.147)	120461	50.0000	52.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	58 4-Bromophenyl-phenylether	248	3.929	3.929	(0.939)	204137	50.0000	49.5
	59 Hexachlorobenzene	284	3.954	3.954	(0.945)	277576	50.0000	49.5
	60 Pentachlorophenol +	266	4.090	4.090	(0.978)	182854	50.0000	55.5
*	61 Phenanthrene-d10	188	4.184	4.184	(1.000)	744421	40.0000	
	62 Phenanthrene	178	4.198	4.198	(1.003)	1118927	50.0000	47.2
	63 Anthracene	178	4.230	4.230	(1.011)	1140331	50.0000	48.7
	64 Carbazole	167	4.340	4.340	(1.037)	909891	50.0000	49.3
	65 Di-n-butylphthalate	149	4.584	4.584	(1.096)	1162919	50.0000	54.3
	67 Fluoranthene +	202	4.914	4.914	(1.174)	1142231	50.0000	50.4
	68 Benzidine	184	5.019	5.019	(0.855)	142464	50.0000	24.2
	69 Pyrene	202	5.047	5.047	(0.860)	1166894	50.0000	49.4
$	70 Terphenyl-d14	244	5.172	5.172	(0.881)	862836	50.0000	52.9
	71 Butylbenzylphthalate	149	5.518	5.518	(0.940)	519568	50.0000	56.5
	73 3,3'-Dichlorobenzidine	252	5.870	5.870	(1.000)	354147	50.0000	52.7
	72 Benzo(a)anthracene	228	5.859	5.859	(0.999)	1148055	50.0000	50.1
*	74 Chrysene-d12	240	5.867	5.867	(1.000)	703381	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.961	5.961	(1.016)	707710	50.0000	57.3
	75 Chrysene	228	5.887	5.887	(1.003)	1124275	50.0000	46.8
	77 Di-n-octylphthalate +	149	6.452	6.452	(1.100)	1196830	50.0000	59.7
	78 Benzo(b)fluoranthene	252	6.648	6.648	(0.961)	1039163	50.0000	56.7
	79 Benzo(k)fluoranthene	252	6.670	6.670	(0.964)	1199248	50.0000	49.9
	80 Benzo(a)pyrene +	252	6.880	6.880	(0.994)	997512	50.0000	58.8(M)
*	81 Perylene-d12	264	6.920	6.920	(1.000)	644371	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.652	7.652	(1.304)	1199044	50.0000	45.0
	83 Dibenzo(a,h)anthracene	278	7.675	7.675	(1.109)	983901	50.0000	51.6
	84 Benzo(g,h,i)perylene	276	7.820	7.820	(1.130)	1014589	50.0000	50.5
M	66 Total Methylphenol	108				1315409	100.000	108
	91 Acetophenone	105	1.681	1.681	(1.216)	924844	50.0000	54.5
	155 Benzaldehyde	77	1.045	1.045	(0.756)	399435	50.0000	71.1
	156 Caprolactam	113	2.535	2.535	(1.142)	174436	50.0000	55.7
	157 Biphenyl	154	2.955	2.955	(1.331)	842818	50.0000	53.6
	158 Atrazine	200	4.062	4.062	(0.971)	199848	50.0000	53.1
	174 1,4-Dioxane	88	0.330	0.330	(0.238)	65801	50.0000	53.4

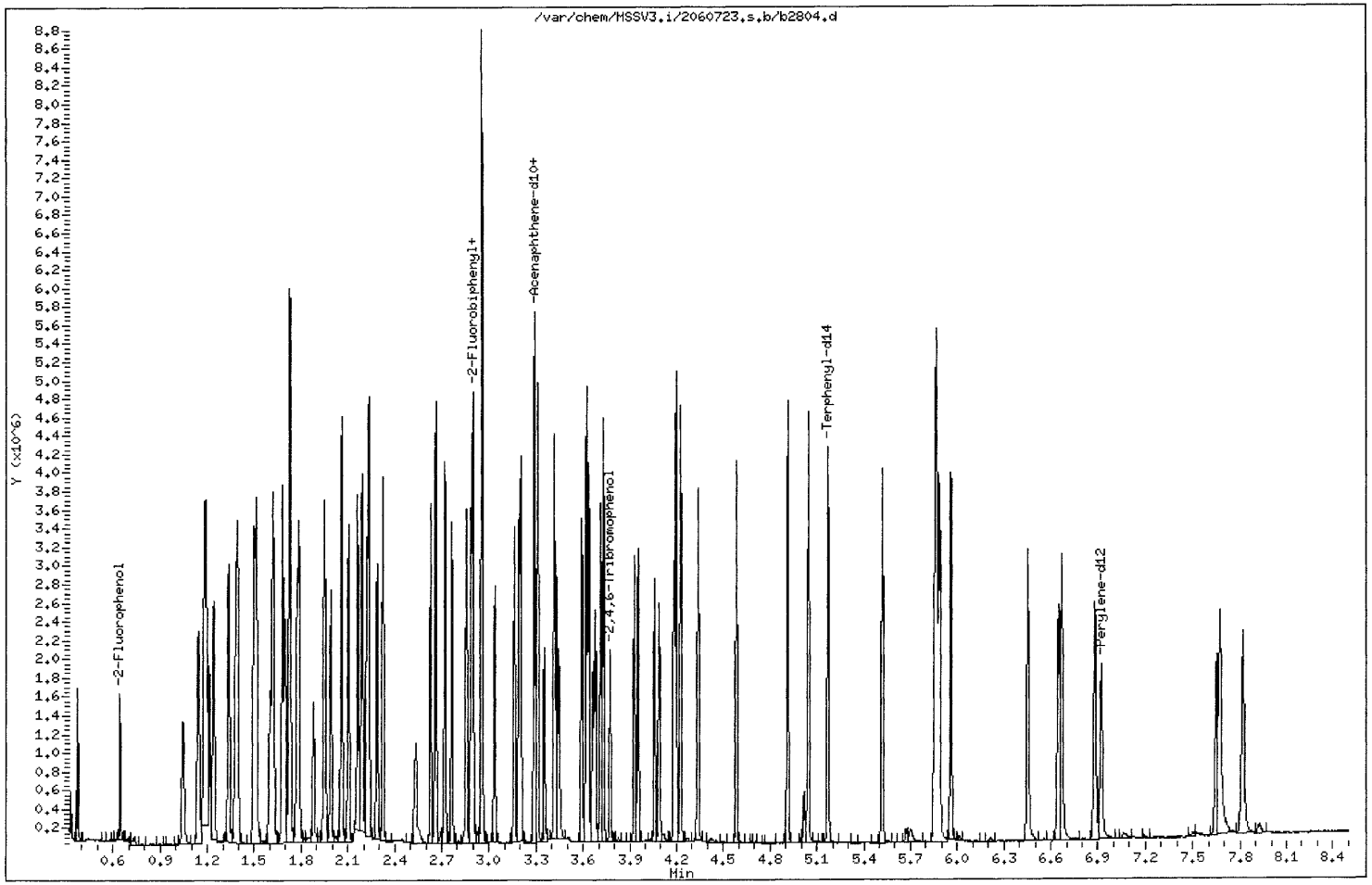
QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060723.s.b/b2804.d
Date : 23-JUL-2006 14:30
Client ID: STD050
Sample Info: 1400X4-57-9X
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

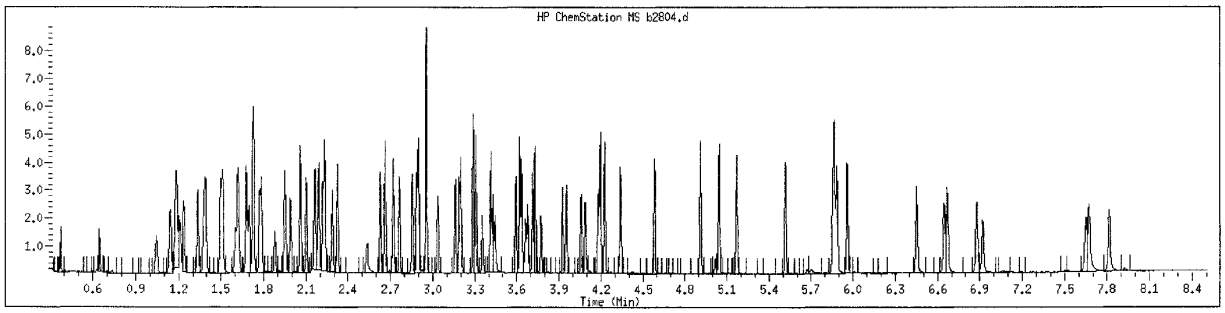
Operator: rrr
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060723.s.b/b2804.d Page: 1
Report Date: 07/23/2006 14:32

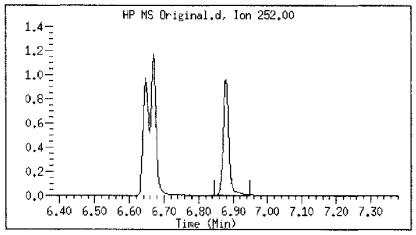
MANUAL INTEGRATION GRAPHIC REPORT

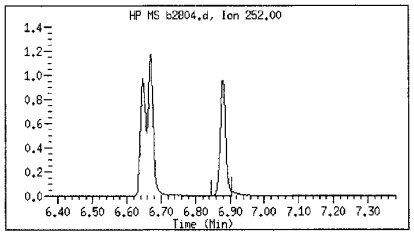
Lab ID	: 1400	SampleType	: CCALIB_5
Injection Date	: 23-JUL-2006 14:30	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 1400*4-57-9*		
Misc Info	: STD050*MSSV~3840~*		
Method	: /var/chem/MSSV3.i/2060723.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



Original Final

80 Benzo(a)pyrene + CAS#: 50-32-8





001146

189118

Data File: /var/chem/MSSV3.i/2060724.s.b/b2850.d
Report Date: 31-Jul-2006 14:52

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i
Lab File ID: b2850.d
Analysis Type: WATER
Lab Sample ID: 1400
Method: /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m

Injection Date: 24-JUL-2006 09:53
Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Init. Cal. Times: 11:02 09:35
Quant Type: ISTD

	COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
	2 Pyridine	0.60571	0.71149	0.71149	0.050	17.46408	30.00000	Averaged
	1 n Nitrosodimethylamine	0.14996	0.19057	0.19057	0.050	27.08090	30.00000	Averaged
$	3 2 Fluorophenol	0.59266	0.70403	0.70403	0.050	18.79191	30.00000	Averaged
$	4 Phenol-d5	2.98064	3.07206	3.07206	0.050	3.06736	30.00000	Averaged
	5 Aniline	3.86854	3.67636	3.67636	0.050	-4.96770	30.00000	Averaged
	6 Phenol +	4.28914	4.26728	4.26728	0.050	-0.50970	20.00000	Averaged
	7 bis(-2-Chloroethyl)Ether	2.09256	2.02144	2.02144	0.050	-3.39883	30.00000	Averaged
	8 2-Chlorophenol	1.65951	1.69618	1.69618	0.050	2.20959	30.00000	Averaged
	9 1,3-Dichlorobenzene	1.85188	1.85737	1.85737	0.050	0.29630	30.00000	Averaged
	11 1,4 Dichlorobenzene +	1.83537	1.84722	1.84722	0.050	0.64569	20.00000	Averaged
	12 Benzyl alcohol	1.66120	1.77655	1.77655	0.050	6.94381	30.00000	Averaged
	13 1,2 Dichlorobenzene	1.76533	1.75280	1.75280	0.050	-0.70968	30.00000	Averaged
	15 2-Methylphenol	2.47518	2.48510	2.48510	0.050	0.40086	30.00000	Averaged
	14 Bis(2-chloroisopropyl)ether	1.57514	1.49140	1.49140	0.050	-5.31627	30.00000	Averaged
	17 3- & 4-Methylphenol	2.17565	2.46708	2.46708	0.050	13.39466	30.00000	Averaged
	16 N-Nitroso-di-n-propylamine+	2.27246	2.53837	2.53837	0.050	11.70120	30.00000	Averaged
	18 Hexachloroethane	0.94831	0.91043	0.91043	0.050	-3.99462	30.00000	Averaged
$	19 Nitrobenzene-d5	0.98190	1.07345	1.07345	0.050	9.32440	30.00000	Averaged
	20 Nitrobenzene	0.97333	1.05689	1.05689	0.050	8.58499	30.00000	Averaged
	21 Isophorone	1.74984	1.81777	1.81777	0.050	3.88236	30.00000	Averaged
	22 2-Nitrophenol +	0.23472	0.24952	0.24952	0.050	6.30806	20.00000	Averaged
	23 2,4-Dimethyphenol	0.69473	0.73665	0.73665	0.050	6.03298	30.00000	Averaged
	24 bis(2 Chloroethoxy)methane	0.95876	0.96350	0.96350	0.050	0.49498	30.00000	Averaged
	25 Benzoic Acid	0.20900	0.21425	0.21425	0.050	2.51374	30.00000	Averaged
	26 2,4 Dichlorophenol +	0.36154	0.37264	0.37264	0.050	3.07186	20.00000	Averaged
	27 1,2,4 Trichlorobenzene	0.40187	0.41193	0.41193	0.050	2.50397	30.00000	Averaged
	29 Naphthalene	1.15528	1.17863	1.17863	0.050	2.02160	30.00000	Averaged
	30 4-Chloroaniline	0.40698	0.43550	0.43550	0.050	7.00717	30.00000	Averaged
	31 Hexachlorobutadiene +	0.29521	0.31017	0.31017	0.050	5.06752	20.00000	Averaged
	32 4 Chloro-3-Methylphenol +	0.56843	0.61742	0.61742	0.050	8.61798	20.00000	Averaged
	33 2-Methylnaphthalene	0.74699	0.73651	0.73651	0.050	-1.40270	30.00000	Averaged
	145 1-Methylnapthalene	0.61394	0.64007	0.64007	0.050	4.25579	30.00000	Averaged
	34 Hexachlorocyclopentadiene +	0.52978	0.55981	0.55981	0.050	5.66872	30.00000	Averaged
	35 2,4,6-Trichlorophenol +	0.46514	0.47799	0.47799	0.050	2.76340	20.00000	Averaged
	36 2,4,5 Trichlorphenol	0.47369	0.50374	0.50374	0.050	6.34268	30.00000	Averaged
$	37 2-Fluorobiphenyl	1.37097	1.44262	1.44262	0.050	5.22586	30.00000	Averaged

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i Injection Date: 24-JUL-2006 09:53
Lab File ID: b2850.d Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Analysis Type: WATER Init. Cal. Times: 11:02 09:35
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m

	COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	38 2-Chloronaphthalene	1.23121	1.29881	1.29881	0.050	5.49088	30.00000	Averaged	
	39 2-Nitroaniline	0.38518	0.41548	0.41548	0.050	7.86650	30.00000	Averaged	
	40 Dimethylphthalate	1.29840	1.43518	1.43518	0.050	10.53401	30.00000	Averaged	
	41 2,6-Dinitrotoluene	0.31488	0.33908	0.33908	0.050	7.68667	30.00000	Averaged	
	42 Acenaphthylene	1.96125	1.78743	1.78743	0.050	-8.86261	30.00000	Averaged	
	43 3-Nitroaniline	0.29462	0.31015	0.31015	0.050	5.27275	30.00000	Averaged	
	45 Acenaphthene +	1.24150	1.22079	1.22079	0.050	-1.66828	20.00000	Averaged	
	46 2,4-Dinitrophenol ++	51.46643	50.00000	0.27500	0.050	2.93286	0.000e+00	Quadratic	<-
	49 4-Nitrophenol ++	0.31369	0.37636	0.37636	0.050	19.98026	30.00000	Averaged	
	47 Dibenzofuran	1.81628	1.79140	1.79140	0.050	-1.36969	30.00000	Averaged	
	48 2,4-Dinitrotoluene	0.43829	0.47614	0.47614	0.050	8.63586	30.00000	Averaged	
	50 Diethylphthalate	1.22836	1.38534	1.38534	0.050	12.77984	30.00000	Averaged	
	52 4-Chlorophenyl-phenylether	0.68341	0.73391	0.73391	0.050	7.38926	30.00000	Averaged	
	51 Fluorene	1.44580	1.46790	1.46790	0.050	1.52821	30.00000	Averaged	
	53 4-Nitroaniline	0.29333	0.31683	0.31683	0.050	8.00885	30.00000	Averaged	
	54 4,6-Dinitro-o-cresol	0.19613	0.19729	0.19729	0.050	0.58857	30.00000	Averaged	
	55 N-nitrosodiphenylamine (1)+	0.57132	0.54806	0.54806	0.050	-4.07070	20.00000	Averaged	
	56 Azobenzene	1.68786	1.62183	1.62183	0.050	-3.91194	30.00000	Averaged	
$	57 2,4,6-Tribromophenol	0.20052	0.22802	0.22802	0.050	13.71386	30.00000	Averaged	
	58 4-Bromophenyl-phenylether	0.22172	0.21925	0.21925	0.050	-1.11325	30.00000	Averaged	
	59 Hexachlorobenzene	0.30128	0.30560	0.30560	0.050	1.43384	30.00000	Averaged	
	60 Pentachlorophenol +	0.17709	0.19859	0.19859	0.050	12.13919	20.00000	Averaged	
	62 Phenanthrene	1.27337	1.19578	1.19578	0.050	-6.09318	30.00000	Averaged	
	63 Anthracene	1.25785	1.25498	1.25498	0.050	-0.22877	30.00000	Averaged	
	64 Carbazole	0.99127	0.96138	0.96138	0.050	-3.01582	30.00000	Averaged	
	65 Di-n-butylphthalate	1.15114	1.28858	1.28858	0.050	11.93931	30.00000	Averaged	
	67 Fluoranthene +	1.21889	1.23358	1.23358	0.050	1.20546	20.00000	Averaged	
	68 Benzidine	28.74806	50.00000	0.18551	0.050	-42.50387	0.000e+00	Quadratic	<-
	69 Pyrene	1.34239	1.17211	1.17211	0.050	-12.68523	30.00000	Averaged	
$	70 Terphenyl-d14	0.92790	0.91304	0.91304	0.050	-1.60125	30.00000	Averaged	
	71 Butylbenzylphthalate	0.52275	0.54624	0.54624	0.050	4.49376	30.00000	Averaged	
	73 3,3'-Dichlorobenzidine	0.38220	0.41926	0.41926	0.050	9.69642	30.00000	Averaged	
	72 Benzo(a)anthracene	1.30214	1.23679	1.23679	0.050	-5.01865	30.00000	Averaged	
	76 bis(2-Ethylhexyl)phthalate	54.34765	50.00000	0.72346	0.050	8.69530	0.000e+00	Linear	<-
	75 Chrysene	1.36590	1.24667	1.24667	0.050	-8.72881	30.00000	Averaged	
	77 Di-n-octylphthalate +	1.14013	1.33839	1.33839	0.050	17.38945	20.00000	Averaged	

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV3.i Injection Date: 24-JUL-2006 09:53
Lab File ID: b2850.d Init. Cal. Date(s): 19-JUL-2006 20-JUL-2006
Analysis Type: WATER Init. Cal. Times: 11:02 09:35
Lab Sample ID: 1400 Quant Type: ISTD
Method: /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m

	COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
	78 Benzo(b)fluoranthene	55.45572	50.00000	1.26204	0.050	10.91144	0.000e+00	Linear	<-
	79 Benzo(k)fluoranthene	44.79055	50.00000	1.34447	0.050	-10.41890	0.000e+00	Quadratic	<-
	80 Benzo(a)pyrene +	1.05322	1.26350	1.26350	0.050	19.96624	20.00000	Averaged	
	82 Indeno(1,2,3-cd)pyrene	39.51237	50.00000	1.18980	0.050	-20.97526	0.000e+00	Quadratic	<-
	83 Dibenzo(a,h)anthracene	52.60111	50.00000	1.24773	0.050	5.20221	0.000e+00	Linear	<-
	84 Benzo(g,h,i)perylene	52.81125	50.00000	1.32033	0.050	5.62250	0.000e+00	Quadratic	<-
M	66 Total Methylphenol	2.24278	2.47609	2.47609	0.050	10.40243	30.00000	Averaged	
	91 Acetophenone	3.11901	3.41603	3.41603	0.050	9.52300	30.00000	Averaged	
	155 Benzaldehyde	81.13183	50.00000	1.55691	0.050	62.26367	0.000e+00	Quadratic	<-
	156 Caprolactam	0.15736	0.18284	0.18284	0.050	16.19241	30.00000	Averaged	
	157 Biphenyl	0.79052	0.83138	0.83138	0.050	5.16892	30.00000	Averaged	
	158 Atrazine	0.20228	0.21120	0.21120	0.050	4.41177	30.00000	Averaged	
	174 1,4-Dioxane	0.22634	0.24287	0.24287	0.050	7.30123	30.00000	Averaged	

Average %D / Drift Results.

Calculated Average %D/Drift = 8.00726
Maximun Average %D/Drift = 30.00000
* Passed Average %D/Drift Test.

GCAL, Inc.

Data file : /var/chem/MSSV3.i/2060724.s.b/b2847.d
Lab Smp Id: 1100 Client Smp ID: DFTPP
Inj Date : 24-JUL-2006 09:07
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 1100*4-39-13
Misc Info : DFTPP*MSSV~3842~*
Comment :
Method : /var/chem/MSSV3.i/2060724.s.b/dftpp_03.m
Meth Date : 05-Jul-2006 10:49 jar3 Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
Vi	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
4.405	4.491	-0.086	198	222442			100.00- 100.00	100.00
4.405	4.491	-0.086	51	79248			30.00- 60.00	35.63
4.405	4.491	-0.086	68	0			0.00- 2.00	0.00
4.405	4.491	-0.086	69	151751			0.00- 0.00	68.22
4.405	4.491	-0.086	70	982			0.00- 2.00	0.65
4.405	4.491	-0.086	127	115810			40.00- 60.00	52.06
4.405	4.491	-0.086	197	0			0.00- 1.00	0.00
4.405	4.491	-0.086	199	15720			5.00- 9.00	7.07
4.405	4.491	-0.086	275	57552			10.00- 30.00	25.87
4.405	4.491	-0.086	365	7652			1.00- 0.00	3.44
4.405	4.491	-0.086	441	28976			0.01- 99.99	75.35
4.405	4.491	-0.086	442	183829			40.00- 100.00	82.64

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp (continued)								
4.405	4.491	-0.086	443	38453			17.00- 23.00	20.92

Data File: /var/chem/MSSV3.i/2060724.s.b/b2847.d

Date : 24-JUL-2006 09:07

Client ID: DFTPP

Instrument: MSSV3.i

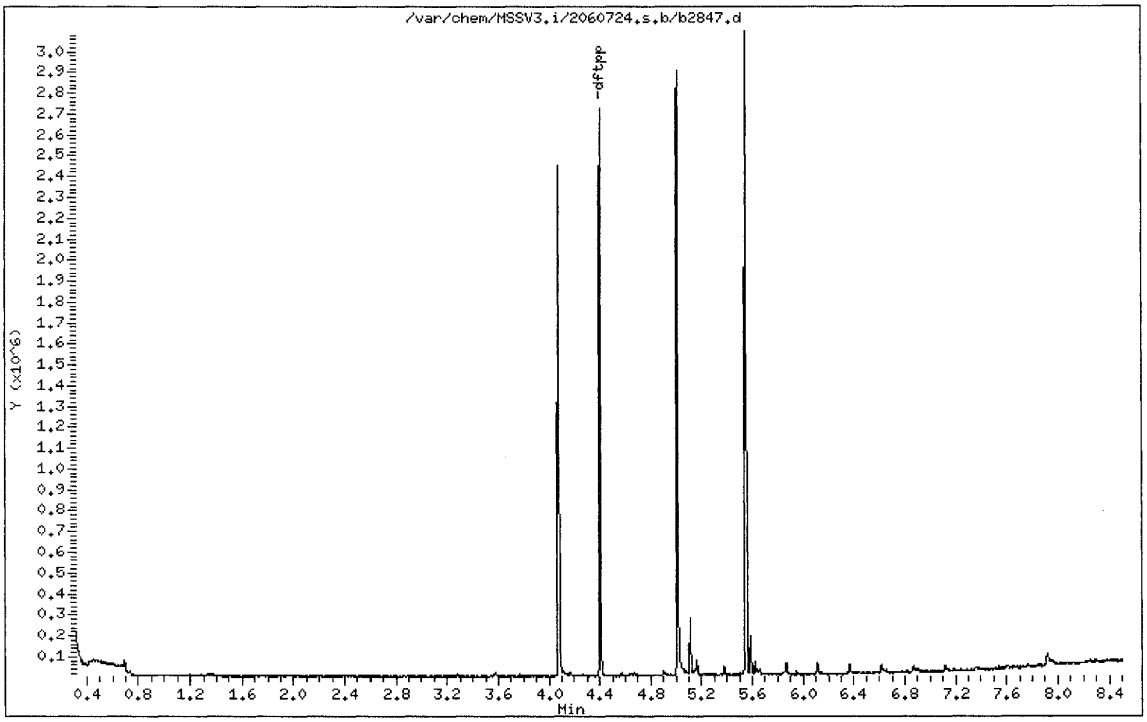
Sample Info: 1100x4-39-13

Volume Injected (uL): 1.0

Operator: jar3

Column phase: RTX-5MS-30M

Column diameter: 2.00



001152

189124

Data File: /var/chem/MSSV3.i/2060724.s.b/b2847.d

Date : 24-JUL-2006 09:07

Client ID: DFTPP

Instrument: MSSV3.i

Sample Info: 1100x4-39-13

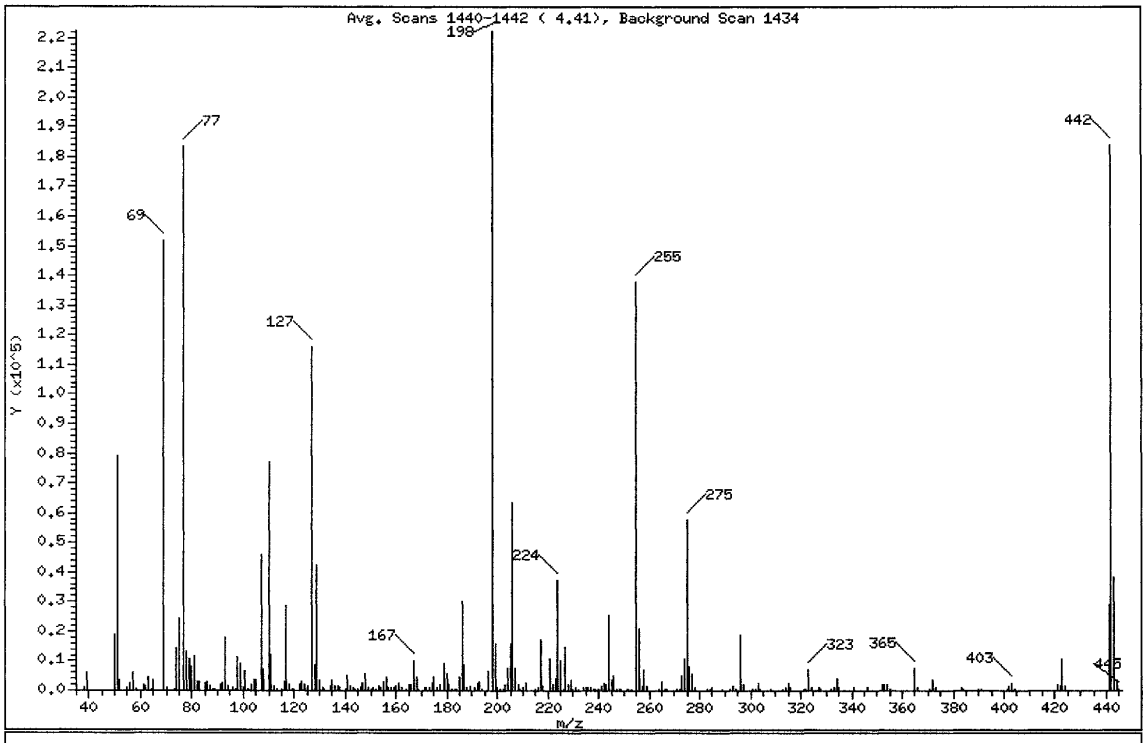
Volume Injected (uL): 1.0

Operator: jar3

Column phase: RTX-5MS-30M

Column diameter: 2.00

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	35.63
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	68.22
70	Less than 2.00% of mass 69	0.44 (0.65)
127	40.00 - 60.00% of mass 198	52.06
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.07
275	10.00 - 30.00% of mass 198	25.87
365	Greater than 1.00% of mass 198	3.44
441	Present, but less than mass 443	13.03
442	40.00 - 100.00% of mass 198	82.64
443	17.00 - 23.00% of mass 442	17.29 (20.92)

Data File: /var/chem/MSSV3.i/2060724.s.b/b2847.d

Date : 24-JUL-2006 09:07

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100*4-39-13

Volume Injected (uL): 1.0 | Operator: jar3

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2847.d
Spectrum: Avg. Scans 1440-1442 (4.41), Background Scan 1434
Location of Maximum: 198.00
Number of points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	96	132.00	542	216.00	1073	308.00	351
37.00	141	133.00	92	217.00	17344	309.00	69
38.00	948	134.00	1345	218.00	1711	310.00	160
39.00	6134	135.00	3373	219.00	185	311.00	162
42.00	229	136.00	1386	221.00	10980	312.00	72
43.00	138	137.00	1552	222.00	1975	313.00	369
45.00	51	138.00	818	223.00	3962	314.00	1274
47.00	62	139.00	170	224.00	37464	315.00	2312
48.00	55	140.00	548	225.00	10242	316.00	1130
50.00	18984	141.00	5226	226.00	256	317.00	215
51.00	79248	142.00	1521	227.00	14587	319.00	70
52.00	3674	143.00	1011	228.00	2296	320.00	208
53.00	113	144.00	301	229.00	3373	321.00	695
54.00	72	145.00	393	230.00	363	322.00	325
55.00	820	146.00	1027	231.00	1166	323.00	6989
56.00	2636	147.00	2370	232.00	315	324.00	1088
57.00	6285	148.00	5734	233.00	201	326.00	64
58.00	366	149.00	767	234.00	1103	327.00	1174
60.00	144	150.00	376	235.00	1193	328.00	587
61.00	1825	151.00	1189	236.00	950	329.00	93
62.00	1760	152.00	317	237.00	1007	330.00	53
63.00	4693	153.00	1443	238.00	260	332.00	387
64.00	745	154.00	1026	239.00	720	333.00	931
65.00	3587	155.00	2949	240.00	589	334.00	3930
66.00	242	156.00	4532	241.00	1281	335.00	1095
69.00	151744	157.00	890	242.00	2304	337.00	76
70.00	982	158.00	813	243.00	1994	338.00	50
71.00	124	159.00	1073	244.00	25512	339.00	158
73.00	627	160.00	1635	245.00	3391	340.00	128
74.00	14440	161.00	2493	246.00	5141	341.00	977
75.00	24528	162.00	879	247.00	713	342.00	59
77.00	183552	163.00	177	248.00	290	346.00	1150
78.00	13299	164.00	444	249.00	655	347.00	58
79.00	10861	165.00	2035	250.00	78	352.00	2154
80.00	8286	166.00	2175	251.00	334	353.00	1799

Data File: /var/chem/MSSV3.i/2060724.s.b/b2847.d

Date : 24-JUL-2006 09:07

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100x4-39-13

Volume Injected (uL): 1.0 | Operator: jar3

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2847.d
Spectrum: Avg. Scans 1440-1442 (4.41), Background Scan 1434
Location of Maximum: 198.00
Number of points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	11663	167.00	10181	252.00	497	354.00	2154
82.00	3086	168.00	4834	253.00	723	355.00	321
83.00	3105	169.00	680	255.00	137792	356.00	95
84.00	186	170.00	88	256.00	21128	359.00	81
85.00	2436	171.00	802	257.00	1428	365.00	7652
86.00	2967	172.00	1212	258.00	6927	366.00	1134
87.00	1373	173.00	1034	259.00	1451	367.00	80
88.00	435	174.00	2589	260.00	161	370.00	137
89.00	463	175.00	4766	261.00	175	371.00	505
91.00	1897	176.00	944	262.00	82	372.00	3658
92.00	2751	177.00	2176	263.00	80	373.00	787
93.00	18112	178.00	195	264.00	323	374.00	103
94.00	1313	179.00	9146	265.00	3048	377.00	58
95.00	9	180.00	5416	266.00	496	383.00	995
96.00	1145	181.00	2236	267.00	314	384.00	303
97.00	337	182.00	269	268.00	76	390.00	647
98.00	11243	183.00	313	269.00	162	391.00	260
99.00	9372	184.00	516	270.00	146	392.00	137
100.00	1210	185.00	4688	271.00	292	393.00	67
101.00	6520	186.00	29928	272.00	658	397.00	57
102.00	342	187.00	8460	273.00	4986	401.00	346
103.00	2249	188.00	960	274.00	10617	402.00	1644
104.00	3717	189.00	1696	275.00	57552	403.00	2356
105.00	3690	190.00	195	276.00	8027	404.00	467
107.00	46256	191.00	898	277.00	5777	410.00	54
108.00	7040	192.00	2741	278.00	780	413.00	120
110.00	77056	193.00	2892	279.00	92	414.00	52
111.00	12251	194.00	607	283.00	585	415.00	50
112.00	1639	196.00	6457	284.00	458	419.00	51
113.00	554	198.00	222400	285.00	1002	421.00	1847
114.00	241	199.00	15720	286.00	137	422.00	1645
115.00	305	200.00	926	289.00	336	423.00	10811
116.00	2852	201.00	601	290.00	179	424.00	1727
117.00	28496	202.00	521	291.00	168	425.00	147
118.00	2117	203.00	2220	292.00	292	426.00	50

Data File: /var/chem/MSSV3.i/2060724.s.b/b2847.d

Date : 24-JUL-2006 09:07

Client ID: DFTPP | Instrument: MSSV3.i

Sample Info: 1100x4-39-13

Volume Injected (uL): 1.0 | Operator: jar3

Column phase: RTX-5MS-30M | Column diameter: 2.00

Data File: b2847.d
Spectrum: Avg. Scans 1440-1442 (4.41), Background Scan 1434
Location of Maximum: 198.00
Number of points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
119.00	404	204.00	7815	293.00	1368	430.00	54
120.00	588	205.00	16001	294.00	421	431.00	123
122.00	2012	206.00	63456	295.00	163	439.00	85
123.00	3039	207.00	7798	296.00	18872	441.00	28976
124.00	2155	208.00	2123	297.00	2098	442.00	183808
125.00	1472	209.00	445	301.00	276	443.00	38448
127.00	115808	210.00	1198	302.00	562	444.00	3020
128.00	8569	211.00	2587	303.00	2381	445.00	344
129.00	42440	212.00	112	304.00	620		
130.00	3423	213.00	82	306.00	62		
131.00	894	215.00	602	307.00	112		

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060724.s.b/b2850.d
Lab Smp Id: 1400 Client Smp ID: STD050
Inj Date : 24-JUL-2006 09:53
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 1400*4-57-9*
Misc Info : STD050*MSSV~3842~*
Comment :
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:10 jar3 Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270C.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
2 Pyridine	79	0.370	0.370	(0.269)	166312	50.0000	58.7
1 n-Nitrosodimethylamine	42	0.364	0.364	(0.265)	44545	50.0000	63.5
$ 3 2-Fluorophenol	112	0.639	0.639	(0.466)	164568	50.0000	59.4
$ 4 Phenol-d5	99	1.164	1.164	(0.849)	718099	50.0000	51.5
5 Aniline	93	1.133	1.133	(0.826)	859354	50.0000	47.5
6 Phenol +	94	1.176	1.176	(0.857)	997481	50.0000	49.7
7 bis(-2-Chloroethyl)Ether	63	1.201	1.201	(0.876)	472514	50.0000	48.3
8 2-Chlorophenol	128	1.227	1.227	(0.894)	396484	50.0000	51.1
9 1,3-Dichlorobenzene	146	1.326	1.326	(0.967)	434162	50.0000	50.1
* 10 1,4-Dichlorobenzene-d4	152	1.371	1.371	(1.000)	187001	40.0000	
11 1,4-Dichlorobenzene +	146	1.383	1.383	(1.008)	431790	50.0000	50.3
12 Benzyl alcohol	108	1.499	1.499	(1.093)	415271	50.0000	53.5
13 1,2-Dichlorobenzene	146	1.488	1.488	(1.085)	409720	50.0000	49.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	15 2-Methylphenol	108	1.607	1.607	(1.172)	580895	50.0000	50.2
	14 Bis(2-chloroisopropyl)ether	45	1.593	1.593	(1.161)	348617	50.0000	47.3
	17 3- & 4-Methylphenol	108	1.718	1.718	(1.252)	576682	50.0000	56.7
	16 N-Nitroso-di-n-propylamine++	70	1.687	1.687	(1.230)	593347	50.0000	55.9
	18 Hexachloroethane	117	1.715	1.715	(1.250)	212813	50.0000	48.0
$	19 Nitrobenzene-d5	82	1.763	1.763	(0.797)	926014	50.0000	54.7
	20 Nitrobenzene	77	1.774	1.774	(0.802)	911731	50.0000	54.3
	21 Isophorone	82	1.939	1.939	(0.877)	1568103	50.0000	51.9
	22 2-Nitrophenol +	139	1.982	1.982	(0.896)	215252	50.0000	53.2
	23 2,4-Dimethyphenol	107	2.050	2.050	(0.927)	635469	50.0000	53.0
	24 bis(-2-Chloroethoxy)methane	93	2.095	2.095	(0.947)	831168	50.0000	50.2
	25 Benzoic Acid	122	2.172	2.172	(0.982)	184826	50.0000	51.3
	26 2,4-Dichlorophenol +	162	2.152	2.152	(0.973)	321460	50.0000	51.5
	27 1,2,4-Trichlorobenzene	180	2.183	2.183	(0.987)	355351	50.0000	51.3
*	28 Naphthalene-d8	136	2.212	2.212	(1.000)	690121	40.0000	
	29 Naphthalene	128	2.223	2.223	(1.005)	1016748	50.0000	51.0
	30 4-Chloroaniline	127	2.277	2.277	(1.030)	375686	50.0000	53.5
	31 Hexachlorobutadiene +	225	2.317	2.317	(1.047)	267568	50.0000	52.5
	32 4-Chloro-3-Methylphenol +	107	2.617	2.617	(1.184)	532620	50.0000	54.3
	33 2-Methylnaphthalene	142	2.654	2.654	(1.200)	635354	50.0000	49.3
	145 1-Methylnapthalene	142	2.711	2.711	(1.226)	552157	50.0000	52.1
	34 Hexachlorocyclopentadiene ++	237	2.757	2.757	(0.840)	275113	50.0000	52.8
	35 2,4,6-Trichlorophenol +	196	2.847	2.847	(0.868)	234903	50.0000	51.4
	36 2,4,5-Trichlorphenol	196	2.879	2.879	(0.877)	247556	50.0000	53.2
$	37 2-Fluorobiphenyl	172	2.890	2.890	(0.881)	708957	50.0000	52.6
	38 2-Chloronaphthalene	162	2.947	2.947	(0.898)	638284	50.0000	52.7
	39 2-Nitroaniline	138	3.029	3.029	(0.923)	204183	50.0000	53.9
	40 Dimethylphthalate	163	3.154	3.154	(0.961)	705300	50.0000	55.3
	41 2,6-Dinitrotoluene	165	3.182	3.182	(0.970)	166639	50.0000	53.8
	42 Acenaphthylene	152	3.194	3.194	(0.973)	878412	50.0000	45.6
	43 3-Nitroaniline	138	3.282	3.282	(1.000)	152420	50.0000	52.6
*	44 Acenaphthene-d10	164	3.282	3.282	(1.000)	393150	40.0000	
	45 Acenaphthene +	153	3.301	3.301	(1.006)	599941	50.0000	49.2
	46 2,4-Dinitrophenol ++	184	3.344	3.344	(1.019)	135146	50.0000	51.5
	49 4-Nitrophenol ++	109	3.435	3.435	(1.047)	184959	50.0000	60.0
	47 Dibenzofuran	168	3.409	3.409	(1.039)	880361	50.0000	49.3
	48 2,4-Dinitrotoluene	165	3.424	3.424	(1.043)	233994	50.0000	54.3
	50 Diethylphthalate	149	3.585	3.585	(1.093)	680810	50.0000	56.4
	52 4-Chlorophenyl-phenylether	204	3.631	3.631	(1.106)	360671	50.0000	53.7
	51 Fluorene	166	3.614	3.614	(1.101)	721379	50.0000	50.8
	53 4-Nitroaniline	138	3.653	3.653	(1.113)	155700	50.0000	54.0
	54 4,6-Dinitro-o-cresol	198	3.670	3.670	(0.879)	165427	50.0000	50.3
	55 N-nitrosodiphenylamine (1)+	169	3.707	3.707	(0.888)	459552	50.0000	48.0
	56 Azobenzene	77	3.724	3.724	(0.892)	1359910	50.0000	48.0
$	57 2,4,6-Tribromophenol	332	3.764	3.764	(1.147)	112057	50.0000	56.9
	58 4-Bromophenyl-phenylether	248	3.920	3.920	(0.939)	183843	50.0000	49.4
	59 Hexachlorobenzene	284	3.949	3.949	(0.946)	256242	50.0000	50.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppm)	AMOUNTS ON-COL (ppm)
	60 Pentachlorophenol +	266	4.082	4.082	(0.978)	166520	50.0000	56.1
*	61 Phenanthrene-d10	188	4.176	4.176	(1.000)	670801	40.0000	
	62 Phenanthrene	178	4.190	4.190	(1.003)	1002661	50.0000	47.0
	63 Anthracene	178	4.221	4.221	(1.011)	1052300	50.0000	49.9
	64 Carbazole	167	4.335	4.335	(1.038)	806117	50.0000	48.5
	65 Di-n-butylphthalate	149	4.579	4.579	(1.097)	1080476	50.0000	56.0
	67 Fluoranthene +	202	4.905	4.905	(1.175)	1034360	50.0000	50.6
	68 Benzidine	184	5.013	5.013	(0.856)	165312	50.0000	28.7
	69 Pyrene	202	5.038	5.038	(0.860)	1044504	50.0000	43.7
$	70 Terphenyl-d14	244	5.163	5.163	(0.881)	813640	50.0000	49.2
	71 Butylbenzylphthalate	149	5.512	5.512	(0.941)	486769	50.0000	52.2
	73 3,3'-Dichlorobenzidine	252	5.862	5.862	(1.000)	373620	50.0000	54.8
	72 Benzo(a)anthracene	228	5.850	5.850	(0.999)	1102147	50.0000	47.5
*	74 Chrysene-d12	240	5.859	5.859	(1.000)	712906	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.955	5.955	(1.016)	644699	50.0000	51.4
	75 Chrysene	228	5.879	5.879	(1.003)	1110952	50.0000	45.6
	77 Di-n-octylphthalate +	149	6.449	6.449	(1.101)	1192687	50.0000	58.7(M)
	78 Benzo(b)fluoranthene	252	6.642	6.642	(0.961)	1107123	50.0000	55.5
	79 Benzo(k)fluoranthene	252	6.665	6.665	(0.964)	1179438	50.0000	44.8
	80 Benzo(a)pyrene +	252	6.875	6.875	(0.994)	1108407	50.0000	60.0
*	81 Perylene-d12	264	6.915	6.915	(1.000)	701799	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.647	7.647	(1.305)	1060273	50.0000	39.5
	83 Dibenzo(a,h)anthracene	278	7.667	7.667	(1.109)	1094572	50.0000	52.6
	84 Benzo(g,h,i)perylene	276	7.814	7.814	(1.130)	1158260	50.0000	52.8
M	66 Total Methylphenol	108				1157577	100.000	110
	91 Acetophenone	105	1.669	1.669	(1.217)	798502	50.0000	54.8
	155 Benzaldehyde	77	1.034	1.034	(0.754)	363929	50.0000	81.1
	156 Caprolactam	113	2.521	2.521	(1.140)	157727	50.0000	58.1
	157 Biphenyl	154	2.944	2.944	(1.331)	717192	50.0000	52.6
	158 Atrazine	200	4.054	4.054	(0.971)	177093	50.0000	52.2
	174 1,4-Dioxane	88	0.327	0.327	(0.238)	56770	50.0000	53.7(M)

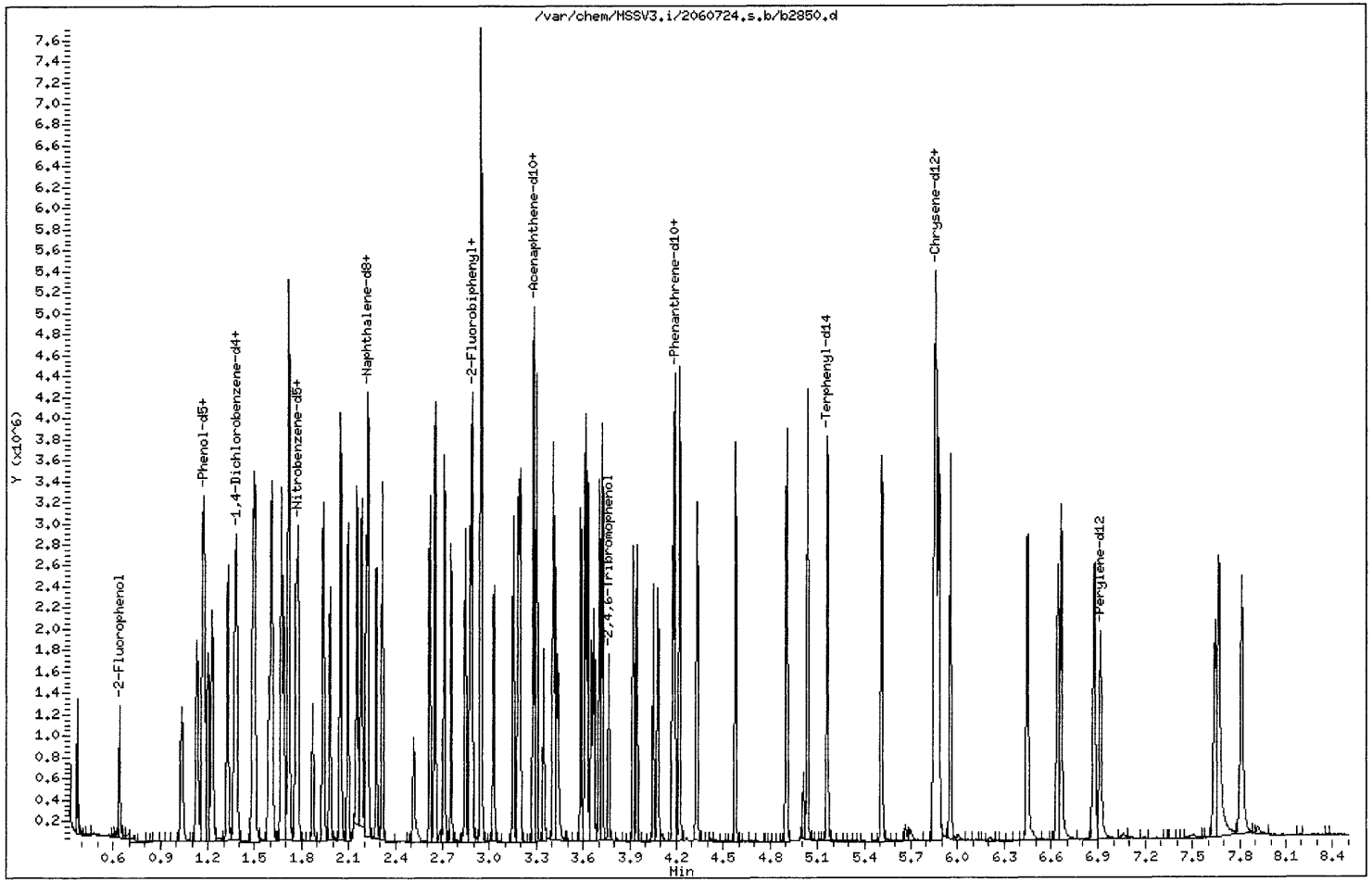
QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060724.s.b/b2850.d
Date : 24-JUL-2006 09:53
Client ID: STD050
Sample Info: 1400ø4-57-9ø
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

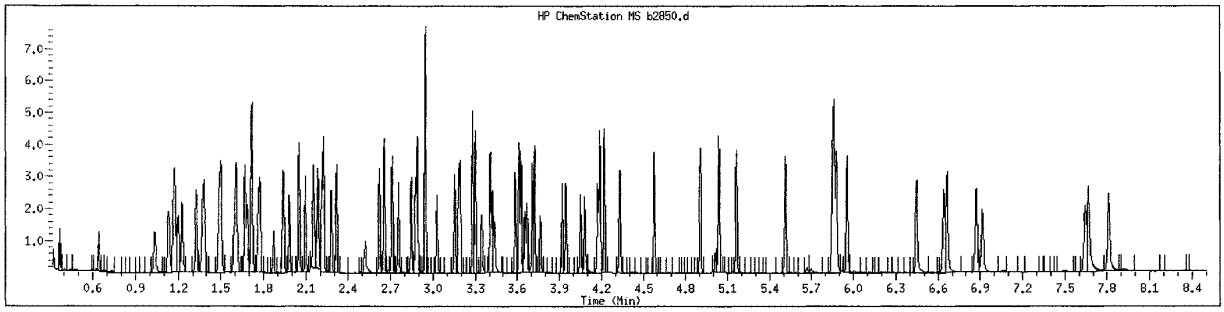
Operator: jar3
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060724.s.b/b2850.d Page: 1
Report Date: 07/24/2006 12:10

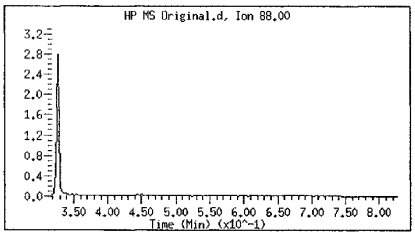
MANUAL INTEGRATION GRAPHIC REPORT

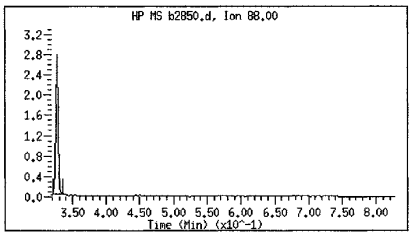
Lab ID : 1400 SampleType : CCALIB_5
Injection Date: 24-JUL-2006 09:53 Instrument : MSSV3.i
Operator : jar3
Sample Info : 1400*4-57-9*
Misc Info : STD050*MSSV~3842~*
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Dilution : 1.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: 8270C



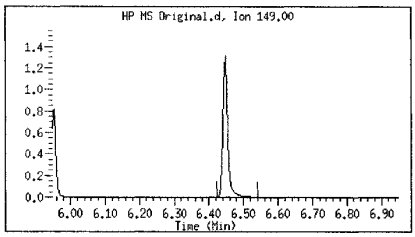
Original Final

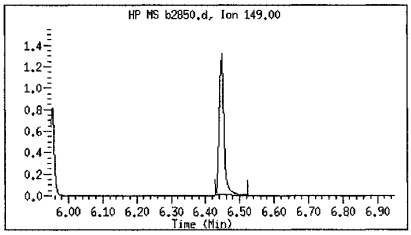
174 1,4-Dioxane CAS#: 123-91-1





77 Di-n-octylphthalate + CAS#: 117-84-0





1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: MB392365

Contract:

Lab File ID: 2060722/B2682

Lab Sample ID: 392365

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2115

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
208-96-8	Acenaphthylene	66.0	U	9.75	66.0
120-12-7	Anthracene	66.0	U	9.45	66.0
56-55-3	Benzo(a)anthracene	66.0	U	8.80	66.0
92-87-5	Benzidine	1320	U	44.5	1320
205-99-2	Benzo(b)fluoranthene	330	U	6.12	330
207-08-9	Benzo(k)fluoranthene	330	U	13.5	330
191-24-2	Benzo(g,h,i)perylene	330	U	8.75	330
50-32-8	Benzo(a)pyrene	66.0	U	8.74	66.0
65-85-0	Benzoic acid	1670	U	154	1670
85-68-7	Butylbenzylphthalate	330	U	10.8	330
111-91-1	Bis(2-Chloroethoxy)methane	330	U	11.4	330
111-44-4	Bis(2-Chloroethyl)ether	330	U	10.3	330
108-60-1	bis(2-Chloroisopropyl)ether	330	U	12.8	330
117-81-7	bis(2-ethylhexyl)phthalate	42.9	J	8.90	66.0
101-55-3	4-Bromophenyl-phenylether	330	U	8.06	330
86-74-8	Carbazole	330	U	8.53	330
7005-72-3	4-Chlorophenyl-phenylether	330	U	8.78	330
218-01-9	Chrysene	330	U	7.72	330
53-70-3	Dibenz(a,h)anthracene	66.0	U	8.35	66.0
132-64-9	Dibenzofuran	330	U	12.3	330
91-94-1	3,3'-Dichlorobenzidine	660	U	41.5	660
120-83-2	2,4-Dichlorophenol	330	U	8.61	330
84-66-2	Diethylphthalate	330	U	14.7	330
105-67-9	2,4-Dimethylphenol	330	U	22.4	330
131-11-3	Dimethyl-phthalate	330	U	10.9	330
117-84-0	Di-n-octylphthalate	330	U	7.19	330
51-28-5	2,4-Dinitrophenol	1670	U	56.5	1670
606-20-2	2,6-Dinitrotoluene	330	U	8.00	330
206-44-0	Fluoranthene	330	U	9.72	330

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: MB392365

Contract:

Lab File ID: 2060722/B2682

Lab Sample ID: 392365

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2115

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-73-7	Fluorene	66.0	U	8.49	66.0
118-74-1	Hexachlorobenzene	330	U	10.6	330
77-47-4	Hexachlorocyclopentadiene	330	U	7.16	330
67-72-1	Hexachloroethane	330	U	13.8	330
78-59-1	Isophorone	330	U	8.41	330
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	14.0	330
91-57-6	2-Methylnaphthalene	66.0	U	9.35	66.0
95-48-7	o-Cresol	330	U	13.4	330
98-95-3	Nitrobenzene	330	U	12.4	330
88-75-5	2-Nitrophenol	330	U	13.2	330
62-75-9	N-Nitrosodimethylamine	330	U	43.1	330
86-30-6	N-Nitrosodiphenylamine	330	U	9.85	330
85-01-8	Phenanthrene	66.0	U	10.7	66.0
95-95-4	2,4,5-Trichlorophenol	330	U	6.72	330
88-06-2	2,4,6-Trichlorophenol	330	U	14.8	330
100-51-6	Benzyl alcohol	330	U	9.76	330
62-53-3	Aniline	330	U	6.40	330
110-86-1	Pyridine	330	U	19.8	330
105-60-2	Caprolactam	330	U	68.4	330
98-86-2	Acetophenone	330	U	7.10	330
99-09-2	3-Nitroaniline	1670	U	9.10	1670
100-01-6	4-Nitroaniline	1670	U	23.9	1670
84-74-2	Di-n-butylphthalate	330	U	24.7	330
122-66-7	1,2 Diphenylhydrazine	330	U	7.16	330
88-74-4	2-Nitroaniline	1670	U	21.6	1670
91-58-7	2-Chloronaphthalene	330	U	8.92	330
106-47-8	4-Chloroaniline	330	U	29.1	330
1912-24-9	Atrazine (Aatrex)	660	U	16.9	660
100-52-7	Benzaldehyde	660	U	25.3	660

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: MB392365

Contract:

Lab File ID: 2060722/B2682

Lab Sample ID: 392365

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2115

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
92-52-4	Biphenyl	330	U	9.70	330
1319-77-3M	m,p-Cresol	330	U	12.3	330
534-52-1	2-Methyl-4,6-dinitrophenol	1670	U	17.3	1670
108-95-2	Phenol	330	U	10.7	330
95-57-8	2-Chlorophenol	330	U	5.28	330
621-64-7	N-Nitroso-di-n-propylamine	66.0	U	8.93	66.0
59-50-7	4-Chloro-3-methylphenol	330	U	13.2	330
83-32-9	Acenaphthene	66.0	U	8.61	66.0
100-02-7	4-Nitrophenol	1670	U	43.4	1670
121-14-2	2,4-Dinitrotoluene	330	U	14.9	330
87-86-5	Pentachlorophenol	1670	U	85.9	1670
129-00-0	Pyrene	330	U	10.4	330

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2682.d
Lab Smp Id: 392365 Client Smp ID: 0720BLK
Inj Date : 22-JUL-2006 21:15
Operator : rrr Inst ID: MSSV3.i
Smp Info : 392365*BLK*
Misc Info : 0720BLK*MSSV~3839~*BLK*30.0-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 30 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

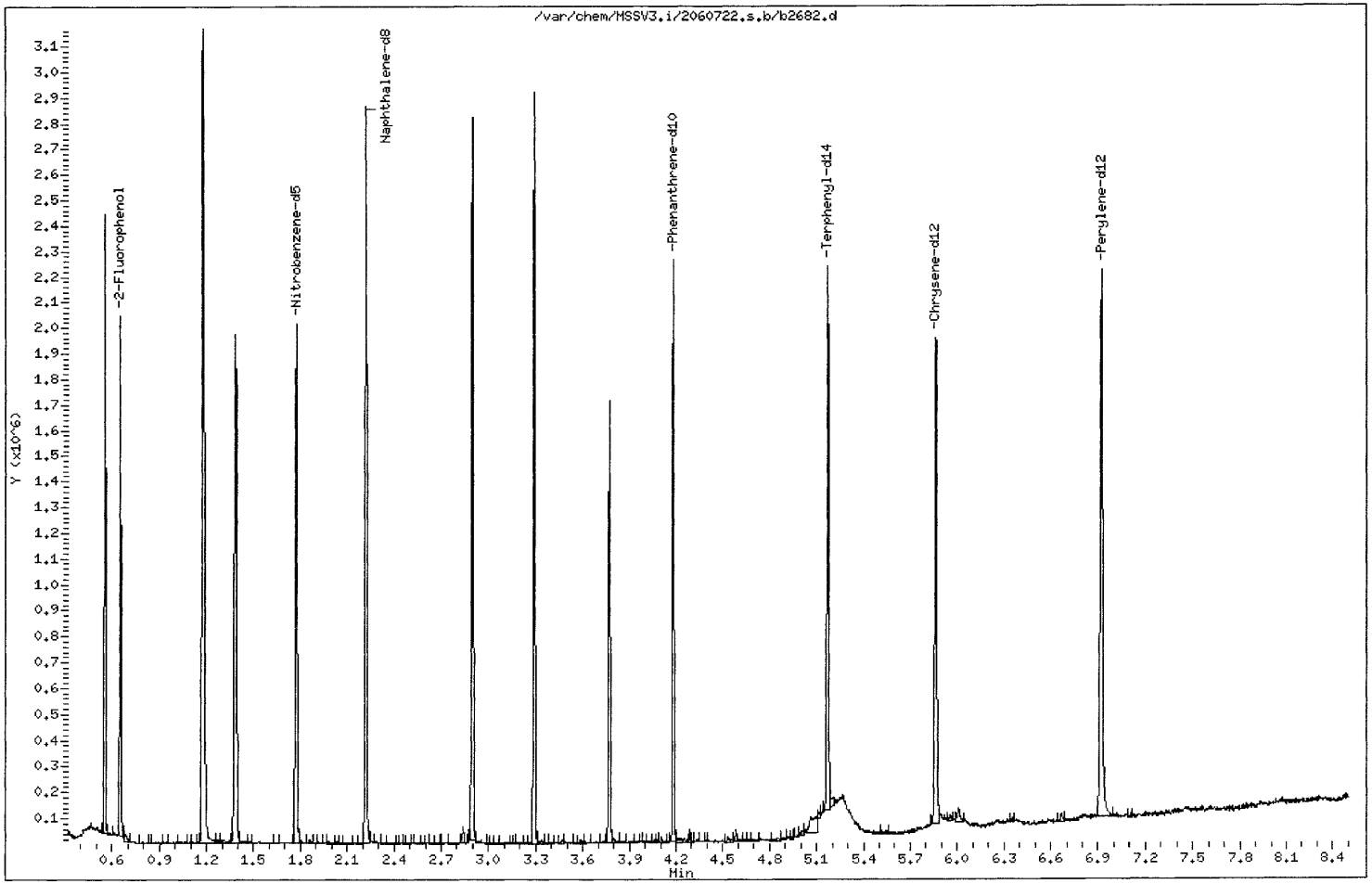
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	0.650	0.648	(0.469)	271502	86.9726	2900
$ 4 Phenol-d5	99	1.175	1.181	(0.848)	1164551	74.1760	2470
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	210691	40.0000	
$ 19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	698390	38.7222	1290
* 28 Naphthalene-d8	136	2.220	2.223	(1.000)	734738	40.0000	
$ 37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	496748	39.5405	1320
* 44 Acenaphthene-d10	164	3.290	3.293	(1.000)	366543	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.772	3.775	(1.147)	114357	62.2358	2070
* 61 Phenanthrene-d10	188	4.181	4.184	(1.000)	499212	40.0000	
$ 70 Terphenyl-d14	244	5.172	5.172	(0.882)	429740	32.3631	1080
* 74 Chrysene-d12	240	5.861	5.867	(1.000)	572421	40.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
76 bis(2-Ethylhexyl)phthalate	149	5.955	5.961	(1.016)	5131	1.28663	42.9
* 81 Perylene-d12	264	6.920	6.920	(1.000)	773457	40.0000	

Data File: /var/chem/MSSV3.i/2060722.s.b/b2682.d
Date : 22-JUL-2006 21:15
Client ID: 0720BLK
Sample Info: 392365*BLK*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25



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Date : 22-JUL-2006 21:15

Client ID: 0720BLK

Instrument: MSSV3.i

Sample Info: 392365*BLK*

Volume Injected (uL): 1.0

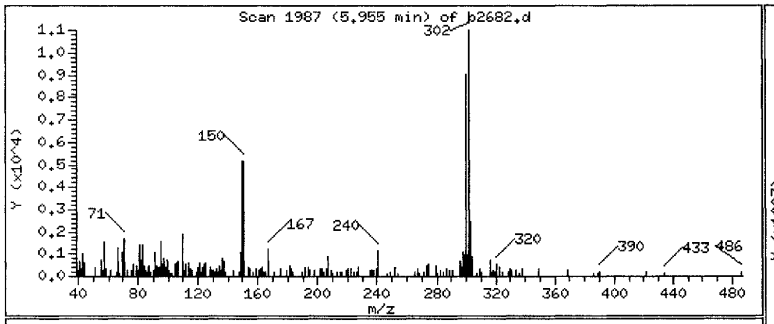
Operator: rrr

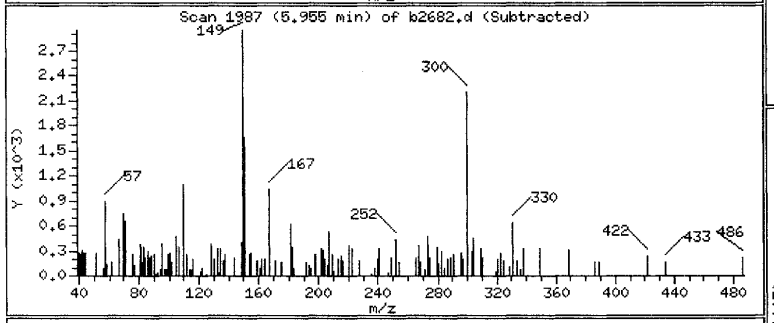
Column phase: RTX-5MS-30M

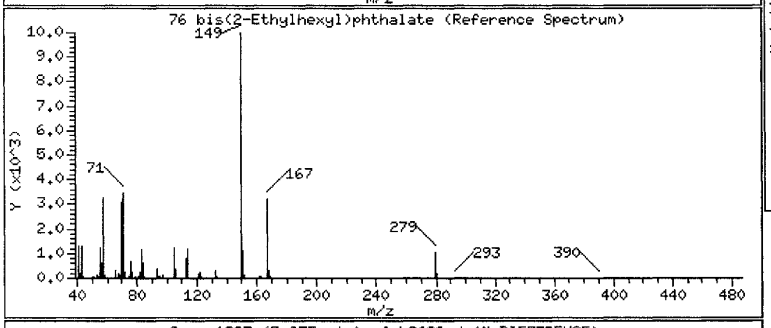
Column diameter: 0.25

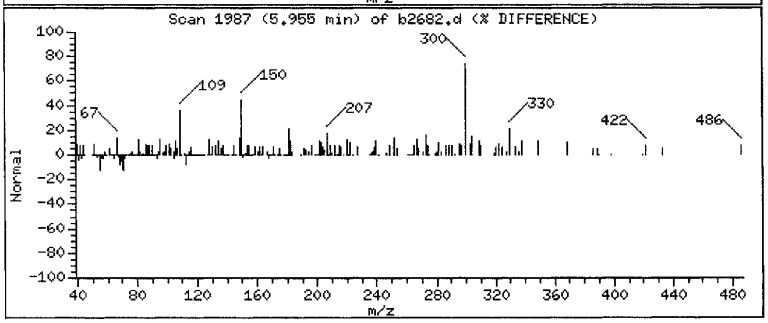
76 bis(2-Ethylhexyl)phthalate

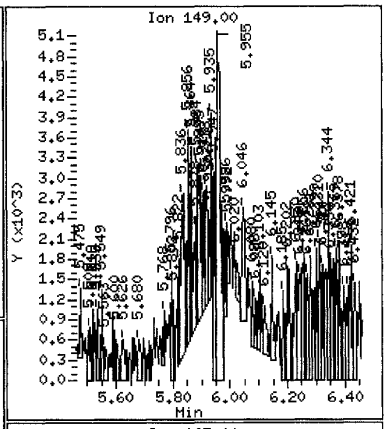
Concentration: 42.9 ug/Kg

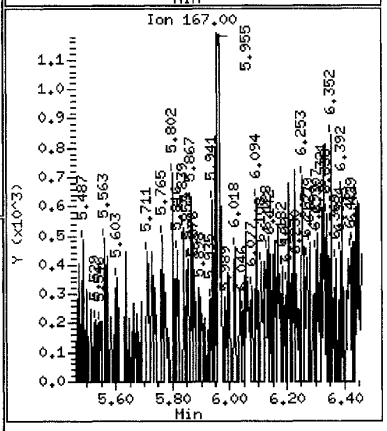








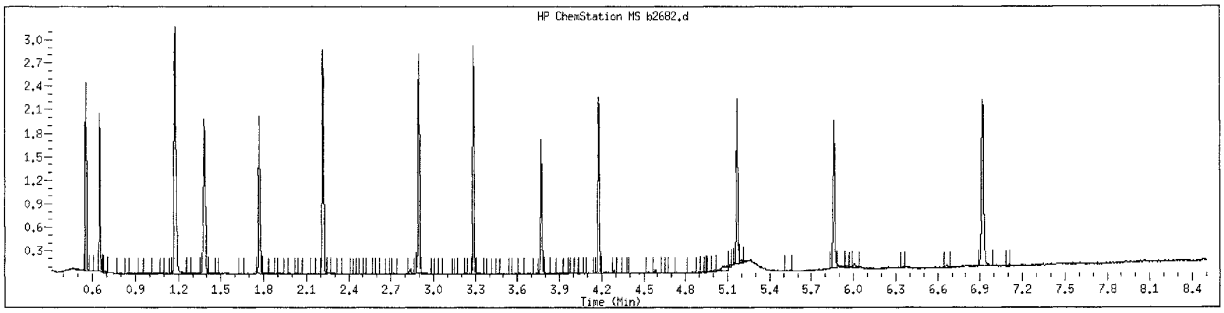




Data file : /var/chem/MSSV3.i/2060722.s.b/b2682.d Page: 1
Report Date: 07/23/2006 10:38

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 392365	SampleType	: BLANK
Injection Date	: 22-JUL-2006 21:15	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 392365*BLK*		
Misc Info	: 0720BLK*MSSV~3839~*BLK*30.0-1*328412*		
Method	: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: MB392709

Contract:

Lab File ID: 2060724/B2852

Lab Sample ID: 392709

Date Collected: Time:

Date Received:

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1216

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
208-96-8	Acenaphthylene	10.0	U	0.258	10.0
120-12-7	Anthracene	2.00	U	0.350	2.00
56-55-3	Benzo(a)anthracene	10.0	U	0.205	10.0
92-87-5	Benzidine	40.0	U	7.18	40.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.244	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.278	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.199	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.130	10.0
65-85-0	Benzoic acid	50.0	U	1.00	50.0
85-68-7	Butylbenzylphthalate	10.0	U	0.356	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.192	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.357	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.283	10.0
117-81-7	bis(2-ethylhexyl)phthalate	1.94	J	0.585	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.393	10.0
86-74-8	Carbazole	10.0	U	0.214	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.355	10.0
218-01-9	Chrysene	10.0	U	0.311	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.287	10.0
132-64-9	Dibenzofuran	10.0	U	0.228	10.0
91-94-1	3,3'-Dichlorobenzidine	20.0	U	0.307	20.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.292	10.0
84-66-2	Diethylphthalate	10.0	U	0.342	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	6.00	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.206	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.337	10.0
51-28-5	2,4-Dinitrophenol	50.0	U	2.18	50.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.354	10.0
206-44-0	Fluoranthene	2.00	U	0.231	2.00

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: MB392709

Contract:

Lab File ID: 2060724/B2852

Lab Sample ID: 392709

Date Collected: Time:

Date Received:

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1216

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-73-7	Fluorene	10.0	U	0.230	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.291	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	1.85	10.0
67-72-1	Hexachloroethane	5.00	U	1.45	5.00
78-59-1	Isophorone	10.0	U	0.271	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.240	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.216	10.0
95-48-7	o-Cresol	10.0	U	0.240	10.0
98-95-3	Nitrobenzene	10.0	U	0.226	10.0
88-75-5	2-Nitrophenol	10.0	U	0.378	10.0
62-75-9	N-Nitrosodimethylamine	10.0	U	1.13	10.0
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.270	10.0
85-01-8	Phenanthrene	2.00	U	0.191	2.00
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.373	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.420	10.0
100-51-6	Benzyl alcohol	10.0	U	0.265	10.0
62-53-3	Aniline	10.0	U	0.340	10.0
110-86-1	Pyridine	10.0	U	3.65	10.0
105-60-2	Caprolactam	10.0	U	0.309	10.0
98-86-2	Acetophenone	10.0	U	0.397	10.0
99-09-2	3-Nitroaniline	50.0	U	0.293	50.0
100-01-6	4-Nitroaniline	50.0	U	0.821	50.0
84-74-2	Di-n-butylphthalate	1.37	J	0.735	5.00
122-66-7	1,2 Diphenylhydrazine	10.0	U	0.204	10.0
88-74-4	2-Nitroaniline	50.0	U	0.981	50.0
91-58-7	2-Chloronaphthalene	10.0	U	0.326	10.0
106-47-8	4-Chloroaniline	10.0	U	0.341	10.0
1912-24-9	Atrazine (Aatrex)	20.0	U	0.473	20.0
100-52-7	Benzaldehyde	20.0	U	0.470	20.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: MB392709

Contract:

Lab File ID: 2060724/B2852

Lab Sample ID: 392709

Date Collected: Time:

Date Received:

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1216

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
92-52-4	Biphenyl	10.0	U	0.176	10.0
1319-77-3M	m,p-Cresol	10.0	U	0.933	10.0
534-52-1	2-Methyl-4,6-dinitrophenol	50.0	U	0.759	50.0
108-95-2	Phenol	10.0	U	0.132	10.0
95-57-8	2-Chlorophenol	10.0	U	0.321	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.246	10.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.283	10.0
83-32-9	Acenaphthene	10.0	U	0.219	10.0
100-02-7	4-Nitrophenol	50.0	U	1.75	50.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.400	10.0
87-86-5	Pentachlorophenol	50.0	U	1.87	50.0
129-00-0	Pyrene	2.00	U	0.234	2.00

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060724.s.b/b2852.d
Lab Smp Id: 392709 Client Smp ID: 0721SBLK
Inj Date : 24-JUL-2006 12:16
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 392709*BLK
Misc Info : 0721SBLK*MSSV~3842~*BLK*1000-1*328467*
Comment :
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:10 jar3 Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
$ 3 2-Fluorophenol	112	0.639	0.639	(0.467)	181425	55.9280	55.9
$ 4 Phenol-d5	99	1.159	1.164	(0.847)	607281	37.2235	37.2
* 10 1,4-Dichlorobenzene-d4	152	1.369	1.371	(1.000)	218939	40.0000	
$ 19 Nitrobenzene-d5	82	1.757	1.763	(0.796)	781657	39.6285	39.6
* 28 Naphthalene-d8	136	2.209	2.212	(1.000)	803533	40.0000	
$ 37 2-Fluorobiphenyl	172	2.887	2.890	(0.881)	590827	38.4782	38.5
* 44 Acenaphthene-d10	164	3.279	3.282	(1.000)	447998	40.0000	
$ 57 2,4,6-Tribromophenol	332	3.761	3.764	(1.147)	185625	82.6538	82.7
* 61 Phenanthrene-d10	188	4.173	4.176	(1.000)	724161	40.0000	
65 Di-n-butylphthalate	149	4.576	4.579	(1.097)	28497	1.36741	1.37(aM)
$ 70 Terphenyl-d14	244	5.163	5.163	(0.882)	675217	40.4625	40.5
* 74 Chrysene-d12	240	5.853	5.859	(1.000)	719367	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.950	5.955	(1.016)	15171	1.93691	1.94(aM)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
* 81 Perylene-d12	264	6.912	6.915	(1.000)	670612	40.0000	

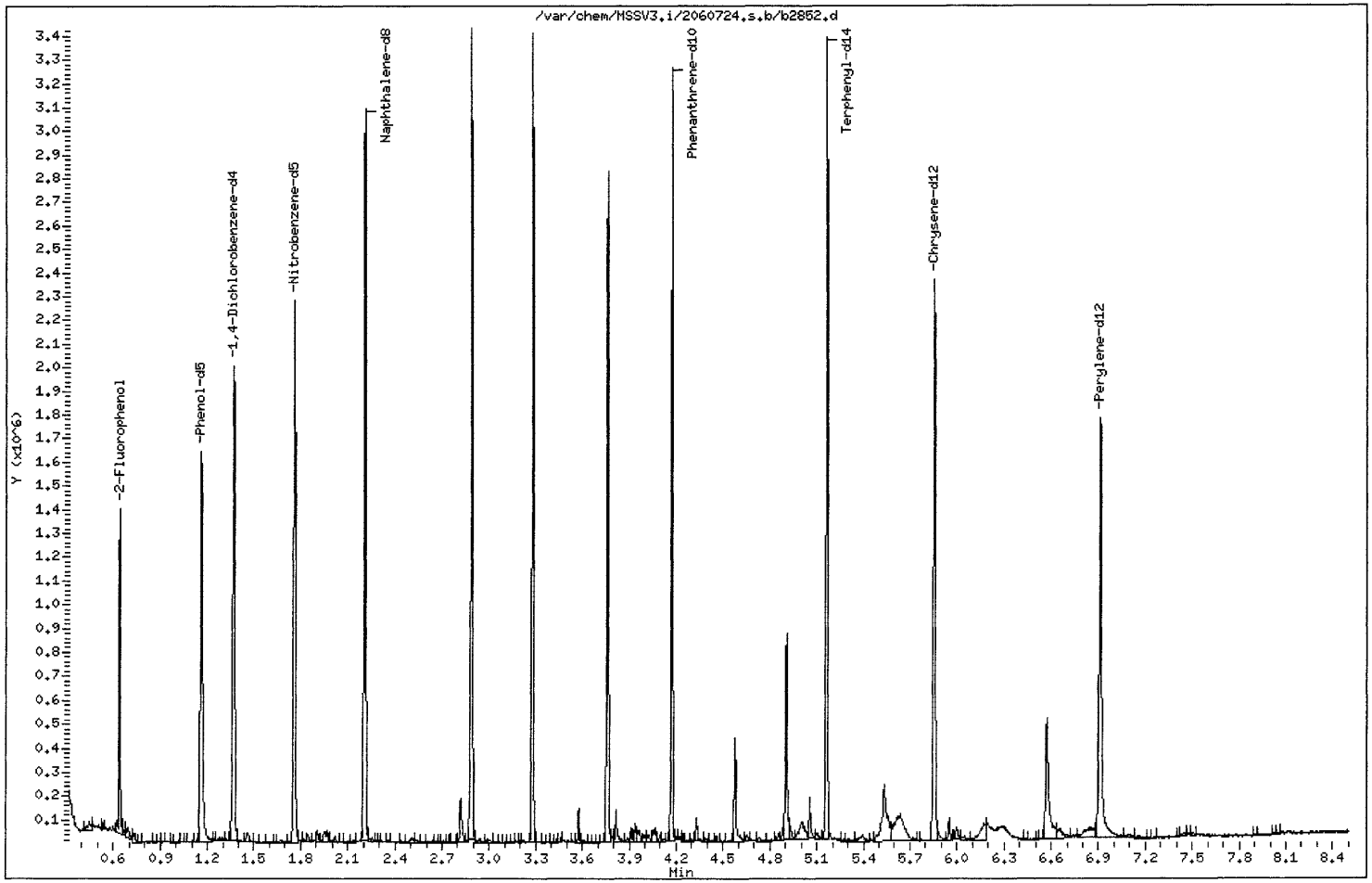
QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060724.s.b/b2852.d
Date : 24-JUL-2006 12:16
Client ID: 0721SBLK
Sample Info: 392709*BLK
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: jar3
Column diameter: 0.25



Data File: /var/chem/MSSV3.i/2060724.s.b/b2852.d

Date : 24-JUL-2006 12:16

Client ID: 0721SBLK

Instrument: MSSV3.i

Sample Info: 392709*BLK

Volume Injected (uL): 1.0

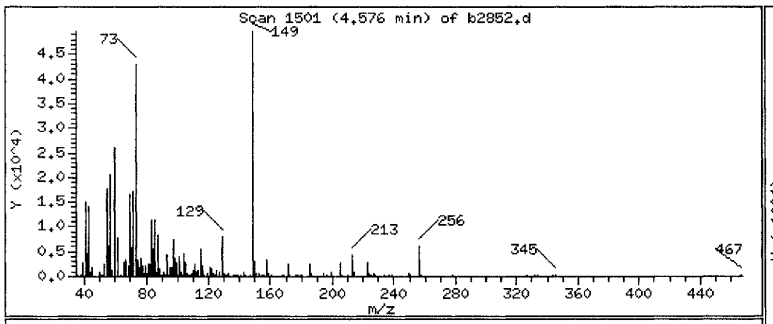
Operator: jar3

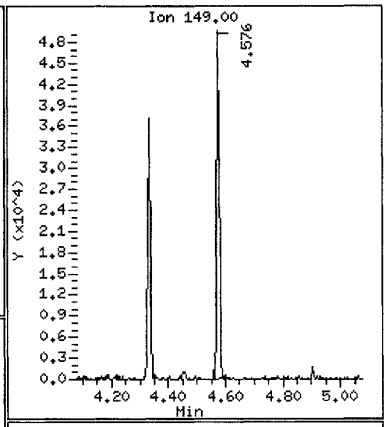
Column phase: RTX-5MS-30M

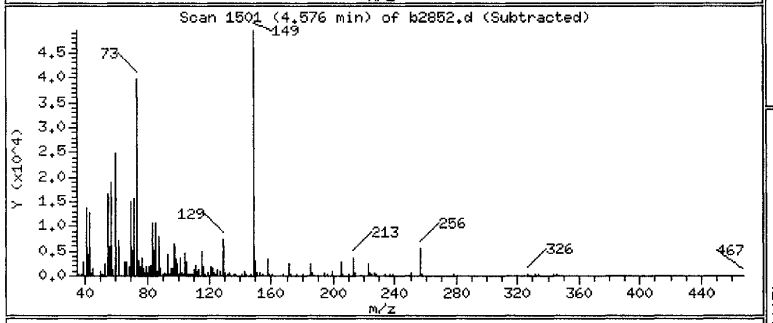
Column diameter: 0.25

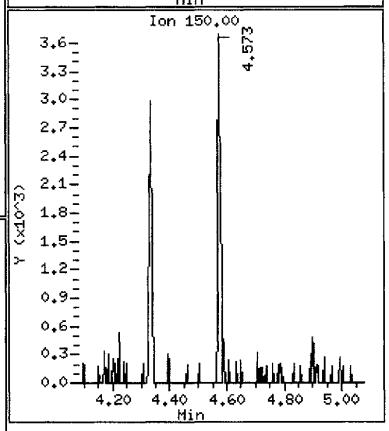
65 Di-n-butylphthalate

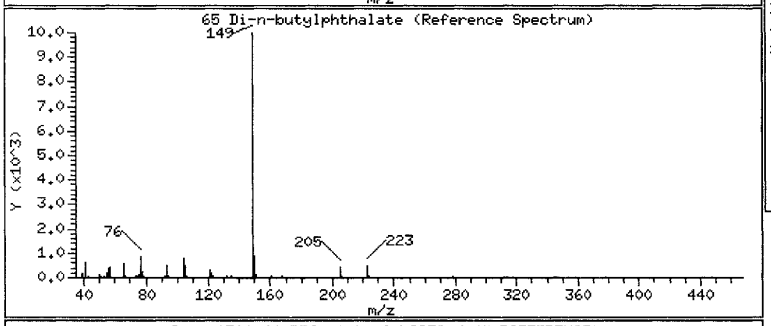
Concentration: 1.37 ug/L

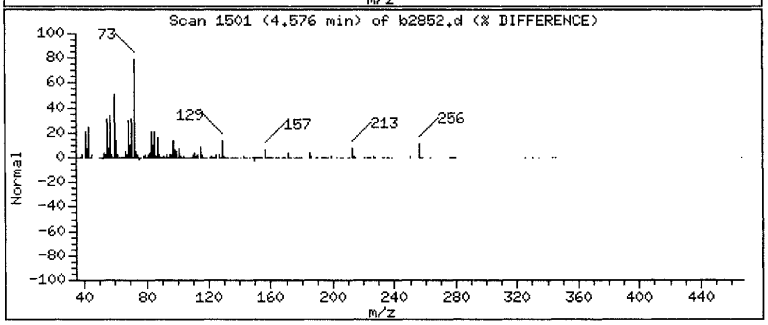












001176

189148

Data File: /var/chem/MSSV3.i/2060724.s.b/b2852.d

Date : 24-JUL-2006 12:16

Client ID: 0721SBLK

Instrument: MSSV3.i

Sample Info: 392709*BLK

Volume Injected (uL): 1.0

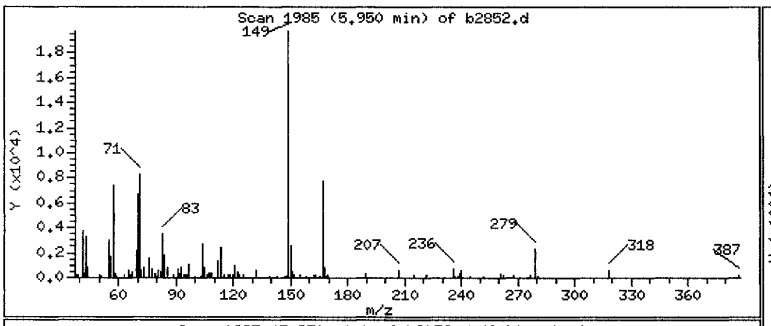
Operator: jar3

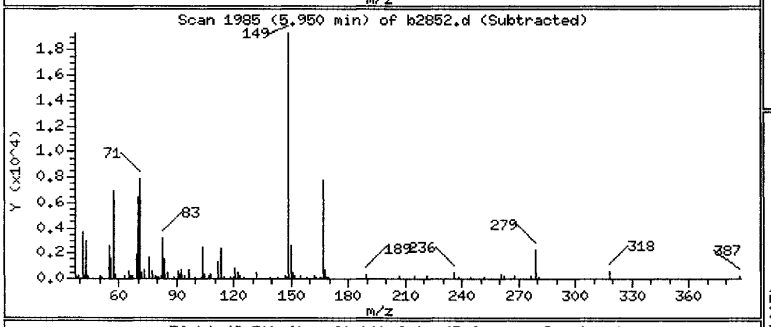
Column phase: RTX-5MS-30M

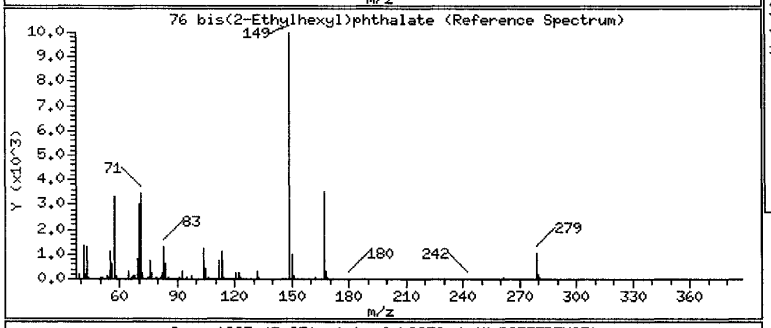
Column diameter: 0.25

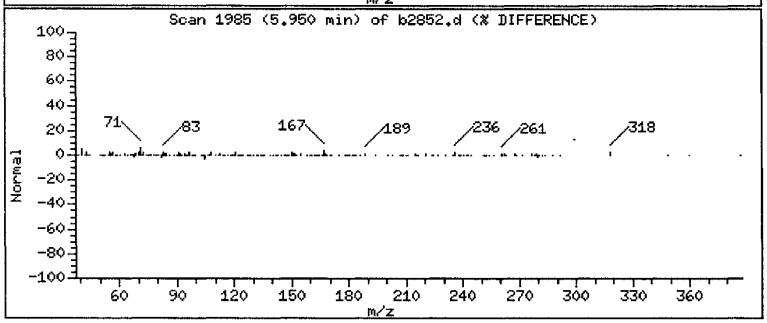
76 bis(2-Ethylhexyl)phthalate

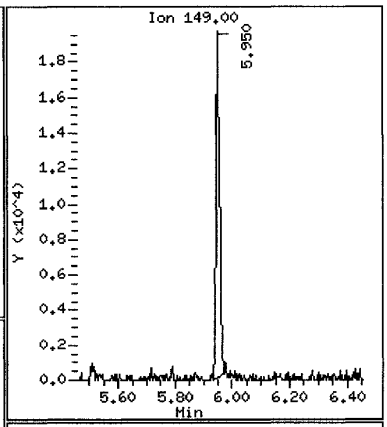
Concentration: 1.94 ug/L

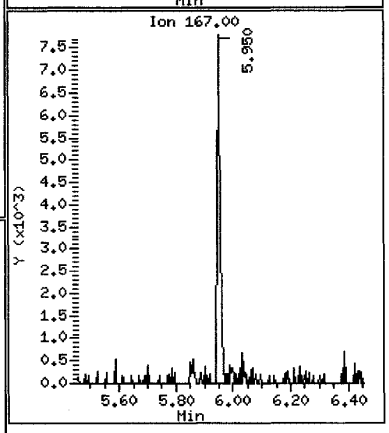








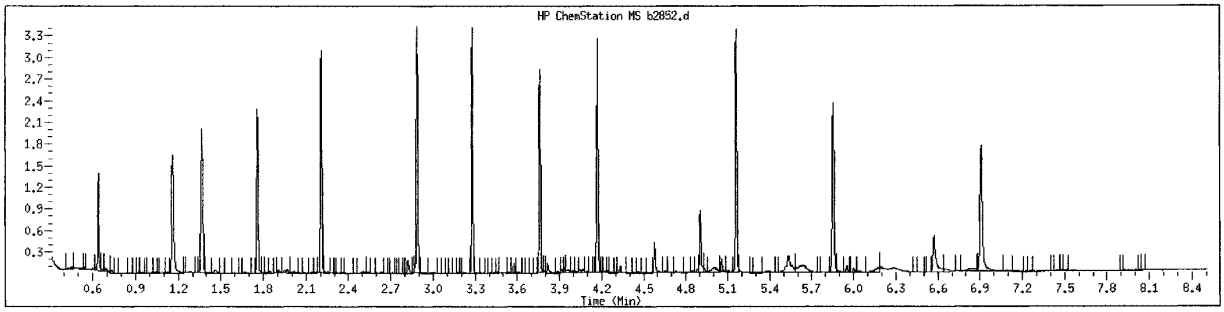




Data file : /var/chem/MSSV3.i/2060724.s.b/b2852.d Page: 1
Report Date: 07/24/2006 12:49

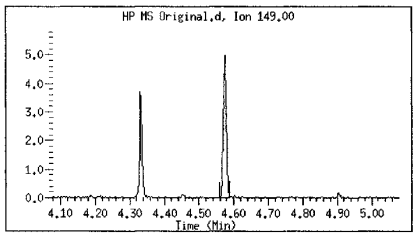
MANUAL INTEGRATION GRAPHIC REPORT

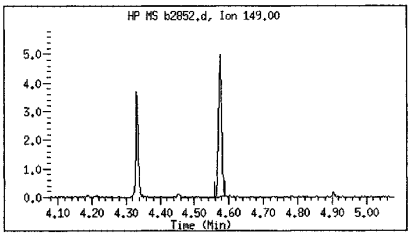
Lab ID	: 392709	SampleType	: BLANK
Injection Date	: 24-JUL-2006 12:16	Instrument	: MSSV3.i
Operator	: jar3		
Sample Info	: 392709*BLK		
Misc Info	: 0721SBLK*MSSV~3842~*BLK*1000-1*328467*		
Method	: /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: SA8270



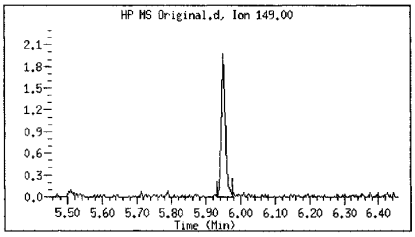
Original Final

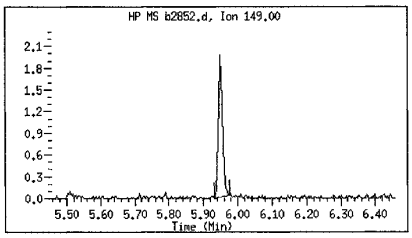
65 Di-n-butylphthalate CAS#: 84-74-2





76 bis(2-Ethylhexyl)phthalate CAS#: 117-81-7





1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: LCS392366

Contract:

Lab File ID: 2060722/B2683

Lab Sample ID: 392366

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2130

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
208-96-8	Acenaphthylene	2410		9.75	66.0
120-12-7	Anthracene	2530		9.45	66.0
56-55-3	Benzo(a)anthracene	2620		8.80	66.0
92-87-5	Benzidine	4350		44.5	1320
205-99-2	Benzo(b)fluoranthene	2780		6.12	330
207-08-9	Benzo(k)fluoranthene	2490		13.5	330
191-24-2	Benzo(g,h,i)perylene	2620		8.75	330
50-32-8	Benzo(a)pyrene	3160		8.74	66.0
65-85-0	Benzoic acid	1700		154	1670
85-68-7	Butylbenzylphthalate	2680		10.8	330
111-91-1	Bis(2-Chloroethoxy)methane	2340		11.4	330
111-44-4	Bis(2-Chloroethyl)ether	2000		10.3	330
108-60-1	bis(2-Chloroisopropyl)ether	1740		12.8	330
117-81-7	bis(2-ethylhexyl)phthalate	2900		8.90	66.0
101-55-3	4-Bromophenyl-phenylether	2780		8.06	330
86-74-8	Carbazole	2700		8.53	330
7005-72-3	4-Chlorophenyl-phenylether	2600		8.78	330
218-01-9	Chrysene	2650		7.72	330
53-70-3	Dibenz(a,h)anthracene	2800		8.35	66.0
132-64-9	Dibenzofuran	2240		12.3	330
91-94-1	3,3'-Dichlorobenzidine	3210		41.5	660
120-83-2	2,4-Dichlorophenol	2170		8.61	330
84-66-2	Diethylphthalate	2840		14.7	330
105-67-9	2,4-Dimethylphenol	2210		22.4	330
131-11-3	Dimethyl-phthalate	2850		10.9	330
117-84-0	Di-n-octylphthalate	3250		7.19	330
51-28-5	2,4-Dinitrophenol	1520	J	56.5	1670
606-20-2	2,6-Dinitrotoluene	2550		8.00	330
206-44-0	Fluoranthene	2590		9.72	330

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: LCS392366

Contract:

Lab File ID: 2060722/B2683

Lab Sample ID: 392366

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2130

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-73-7	Fluorene	2350		8.49	66.0
118-74-1	Hexachlorobenzene	2380		10.6	330
77-47-4	Hexachlorocyclopentadiene	1680		7.16	330
67-72-1	Hexachloroethane	1070		13.8	330
78-59-1	Isophorone	2380		8.41	330
193-39-5	Indeno(1,2,3-cd)pyrene	3760		14.0	330
91-57-6	2-Methylnaphthalene	1890		9.35	66.0
95-48-7	o-Cresol	2000		13.4	330
98-95-3	Nitrobenzene	2030		12.4	330
88-75-5	2-Nitrophenol	1910		13.2	330
62-75-9	N-Nitrosodimethylamine	2180		43.1	330
86-30-6	N-Nitrosodiphenylamine	2750		9.85	330
85-01-8	Phenanthrene	2390		10.7	66.0
95-95-4	2,4,5-Trichlorophenol	2310		6.72	330
88-06-2	2,4,6-Trichlorophenol	2270		14.8	330
100-51-6	Benzyl alcohol	2210		9.76	330
62-53-3	Aniline	1940		6.40	330
110-86-1	Pyridine	1690		19.8	330
105-60-2	Caprolactam	2510		68.4	330
98-86-2	Acetophenone	2220		7.10	330
99-09-2	3-Nitroaniline	2110		9.10	1670
100-01-6	4-Nitroaniline	2500		23.9	1670
84-74-2	Di-n-butylphthalate	3020		24.7	330
122-66-7	1,2 Diphenylhydrazine	2790		7.16	330
88-74-4	2-Nitroaniline	2850		21.6	1670
91-58-7	2-Chloronaphthalene	2390		8.92	330
106-47-8	4-Chloroaniline	1890		29.1	330
1912-24-9	Atrazine (Aatrex)	3190		16.9	660
100-52-7	Benzaldehyde	3190		25.3	660

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: LCS392366

Contract:

Lab File ID: 2060722/B2683

Lab Sample ID: 392366

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2130

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
92-52-4	Biphenyl	2270		9.70	330
1319-77-3M	m,p-Cresol	2240		12.3	330
534-52-1	2-Methyl-4,6-dinitrophenol	2090		17.3	1670
108-95-2	Phenol	1900		10.7	330
95-57-8	2-Chlorophenol	1930		5.28	330
621-64-7	N-Nitroso-di-n-propylamine	2400		8.93	66.0
59-50-7	4-Chloro-3-methylphenol	2250		13.2	330
83-32-9	Acenaphthene	2310		8.61	66.0
100-02-7	4-Nitrophenol	2350		43.4	1670
121-14-2	2,4-Dinitrotoluene	2480		14.9	330
87-86-5	Pentachlorophenol	3060		85.9	1670
129-00-0	Pyrene	2190		10.4	330

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2683.d
Lab Smp Id: 392366 Client Smp ID: 0720LCS
Inj Date : 22-JUL-2006 21:30
Operator : rrr Inst ID: MSSV3.i
Smp Info : 392366*LCS*
Misc Info : 0720LCS*MSSV~3839~*LCS*30.0-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 31 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
2 Pyridine	79	0.378	0.375	(0.273)	164315	50.5718	1690
1 n-Nitrosodimethylamine	42	0.372	0.369	(0.269)	52647	65.4501	2180
$ 3 2-Fluorophenol	112	0.651	0.648	(0.469)	265111	83.3908	2780
$ 4 Phenol-d5	99	1.181	1.181	(0.853)	1180494	73.8327	2460
5 Aniline	93	1.150	1.150	(0.830)	1210154	58.3160	1940
6 Phenol +	94	1.193	1.195	(0.861)	1312749	57.0566	1900
7 bis(-2-Chloroethyl)Ether	63	1.218	1.218	(0.879)	672408	59.9031	2000
8 2-Chlorophenol	128	1.247	1.244	(0.900)	515178	57.8725	1930
9 1,3-Dichlorobenzene	146	1.343	1.340	(0.969)	308728	31.0783	1040(R)
* 10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	214568	40.0000	
11 1,4-Dichlorobenzene +	146	1.397	1.397	(1.008)	333612	33.8854	1130(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	12 Benzyl alcohol	108	1.516	1.516	(1.094)	591026	66.3252	2210
	13 1,2-Dichlorobenzene	146	1.502	1.502	(1.084)	347579	36.7047	1220(R)
	15 2-Methylphenol	108	1.621	1.621	(1.170)	794758	59.8581	2000
	14 Bis(2-chloroisopropyl)ether	45	1.607	1.604	(1.160)	441195	52.2163	1740
	17 3- & 4-Methylphenol	108	1.729	1.732	(1.248)	785233	67.2827	2240
	16 N-Nitroso-di-n-propylamine++	70	1.701	1.701	(1.227)	879068	72.1140	2400
	18 Hexachloroethane	117	1.726	1.726	(1.246)	162886	32.0208	1070(R)
$	19 Nitrobenzene-d5	82	1.775	1.777	(0.798)	630364	34.6438	1150
	20 Nitrobenzene	77	1.789	1.789	(0.805)	1101151	61.0498	2030
	21 Isophorone	82	1.953	1.953	(0.879)	2311779	71.2932	2380
	22 2-Nitrophenol +	139	1.993	1.993	(0.897)	248945	57.2344	1910(R)
	23 2,4-Dimethyphenol	107	2.061	2.064	(0.927)	854355	66.3620	2210
	24 bis(-2-Chloroethoxy)methane	93	2.107	2.109	(0.948)	1248652	70.2800	2340
	25 Benzoic Acid	122	2.180	2.189	(0.981)	197677	51.0401	1700
	26 2,4-Dichlorophenol +	162	2.163	2.163	(0.973)	436088	65.0911	2170
	27 1,2,4-Trichlorobenzene	180	2.195	2.195	(0.987)	371281	49.8563	1660
*	28 Naphthalene-d8	136	2.223	2.223	(1.000)	741243	40.0000	
	29 Naphthalene	128	2.234	2.237	(1.005)	1217633	56.8761	1900
	30 4-Chloroaniline	127	2.288	2.291	(1.029)	426950	56.6109	1890
	31 Hexachlorobutadiene +	225	2.328	2.328	(1.047)	251887	46.0443	1530
	32 4-Chloro-3-Methylphenol +	107	2.629	2.629	(1.183)	711774	67.5711	2250
	33 2-Methylnaphthalene	142	2.666	2.666	(1.199)	785009	56.7099	1890
	145 1-Methylnapthalene	142	2.723	2.722	(1.225)	768579	67.5555	2250
	34 Hexachlorocyclopentadiene ++	237	2.768	2.768	(0.841)	241532	50.4505	1680
	35 2,4,6-Trichlorophenol +	196	2.859	2.859	(0.869)	285852	68.0060	2270
	36 2,4,5-Trichlorphenol	196	2.890	2.887	(0.878)	296112	69.1744	2310
$	37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	508123	41.0135	1370
	38 2-Chloronaphthalene	162	2.958	2.958	(0.899)	796840	71.6188	2390
	39 2-Nitroaniline	138	3.038	3.037	(0.923)	297708	85.5291	2850
	40 Dimethylphthalate	163	3.165	3.165	(0.962)	1004531	85.6131	2850
	41 2,6-Dinitrotoluene	165	3.194	3.194	(0.971)	217604	76.4729	2550
	42 Acenaphthylene	152	3.202	3.205	(0.973)	1279588	72.1978	2410
	43 3-Nitroaniline	138	3.293	3.293	(1.001)	168825	63.4114	2110
*	44 Acenaphthene-d10	164	3.290	3.293	(1.000)	361470	40.0000	
	45 Acenaphthene +	153	3.313	3.313	(1.007)	778682	69.4066	2310
	46 2,4-Dinitrophenol ++	184	3.355	3.355	(1.020)	109823	45.6750	1520
	49 4-Nitrophenol ++	109	3.443	3.443	(1.047)	199774	70.4739	2350
	47 Dibenzofuran	168	3.418	3.418	(1.039)	1104178	67.2735	2240
	48 2,4-Dinitrotoluene	165	3.432	3.432	(1.043)	294184	74.2750	2480
	50 Diethylphthalate	149	3.594	3.594	(1.092)	944851	85.1186	2840
	52 4-Chlorophenyl-phenylether	204	3.639	3.639	(1.106)	481675	77.9936	2600
	51 Fluorene	166	3.625	3.622	(1.102)	922637	70.6170	2350
	53 4-Nitroaniline	138	3.665	3.665	(1.114)	198825	75.0063	2500
	54 4,6-Dinitro-o-cresol	198	3.679	3.679	(0.880)	161069	62.6686	2090
	55 N-nitrosodiphenylamine (1)+	169	3.716	3.716	(0.889)	617321	82.4562	2750
	56 Azobenzene	77	3.733	3.733	(0.893)	1852696	83.7643	2790
$	57 2,4,6-Tribromophenol	332	3.776	3.775	(1.147)	132058	72.8781	2430

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	58 4-Bromophenyl-phenylether	248	3.929	3.932	(0.940)	242486	83.4592	2780
	59 Hexachlorobenzene	284	3.957	3.957	(0.946)	282471	71.5487	2380
	60 Pentachlorophenol +	266	4.091	4.090	(0.978)	213048	91.8048	3060
*	61 Phenanthrene-d10	188	4.181	4.184	(1.000)	524165	40.0000	
	62 Phenanthrene	178	4.198	4.198	(1.004)	1196873	71.7276	2390
	63 Anthracene	178	4.230	4.230	(1.012)	1248723	75.7577	2530
	64 Carbazole	167	4.343	4.343	(1.039)	1051464	80.9455	2700
	65 Di-n-butylphthalate	149	4.584	4.584	(1.096)	1367860	90.6785	3020
	67 Fluoranthene +	202	4.916	4.914	(1.176)	1239796	77.6207	2590
	68 Benzidine	184	5.021	5.019	(0.855)	402229	130.383	4350(R)
	69 Pyrene	202	5.047	5.047	(0.860)	1321970	65.7881	2190
$	70 Terphenyl-d14	244	5.169	5.172	(0.881)	479720	34.5377	1150
	71 Butylbenzylphthalate	149	5.521	5.521	(0.941)	630217	80.5388	2680
	73 3,3'-Dichlorobenzidine	252	5.870	5.870	(1.000)	550329	96.1906	3210
	72 Benzo(a)anthracene	228	5.862	5.859	(0.999)	1534304	78.7151	2620
*	74 Chrysene-d12	240	5.870	5.867	(1.000)	598762	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.961	5.961	(1.015)	897952	86.9419	2900
	75 Chrysene	228	5.890	5.887	(1.003)	1625299	79.4913	2650
	77 Di-n-octylphthalate +	149	6.455	6.455	(1.100)	1664984	97.5575	3250
	78 Benzo(b)fluoranthene	252	6.659	6.648	(0.961)	2059844	83.5413	2780
	79 Benzo(k)fluoranthene	252	6.676	6.670	(0.964)	2347208	74.7445	2490
	80 Benzo(a)pyrene +	252	6.889	6.880	(0.995)	2152019	94.8610	3160
*	81 Perylene-d12	264	6.926	6.920	(1.000)	861590	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.667	7.650	(1.306)	2619259	112.800	3760
	83 Dibenzo(a,h)anthracene	278	7.687	7.672	(1.110)	2196412	83.9434	2800
	84 Benzo(g,h,i)perylene	276	7.831	7.817	(1.131)	2149815	78.5640	2620
M	66 Total Methylphenol	108				1579992	131.329	4380
	91 Acetophenone	105	1.684	1.686	(1.215)	1114090	66.5883	2220
	155 Benzaldehyde	77	1.051	1.051	(0.758)	449843	95.6431	3190
	156 Caprolactam	113	2.544	2.538	(1.144)	219659	75.3280	2510
	157 Biphenyl	154	2.955	2.955	(1.329)	997054	68.0621	2270
	158 Atrazine	200	4.062	4.062	(0.971)	253281	95.5534	3190
	174 1,4-Dioxane	88	0.336	0.330	(0.242)	19993	16.4671	549

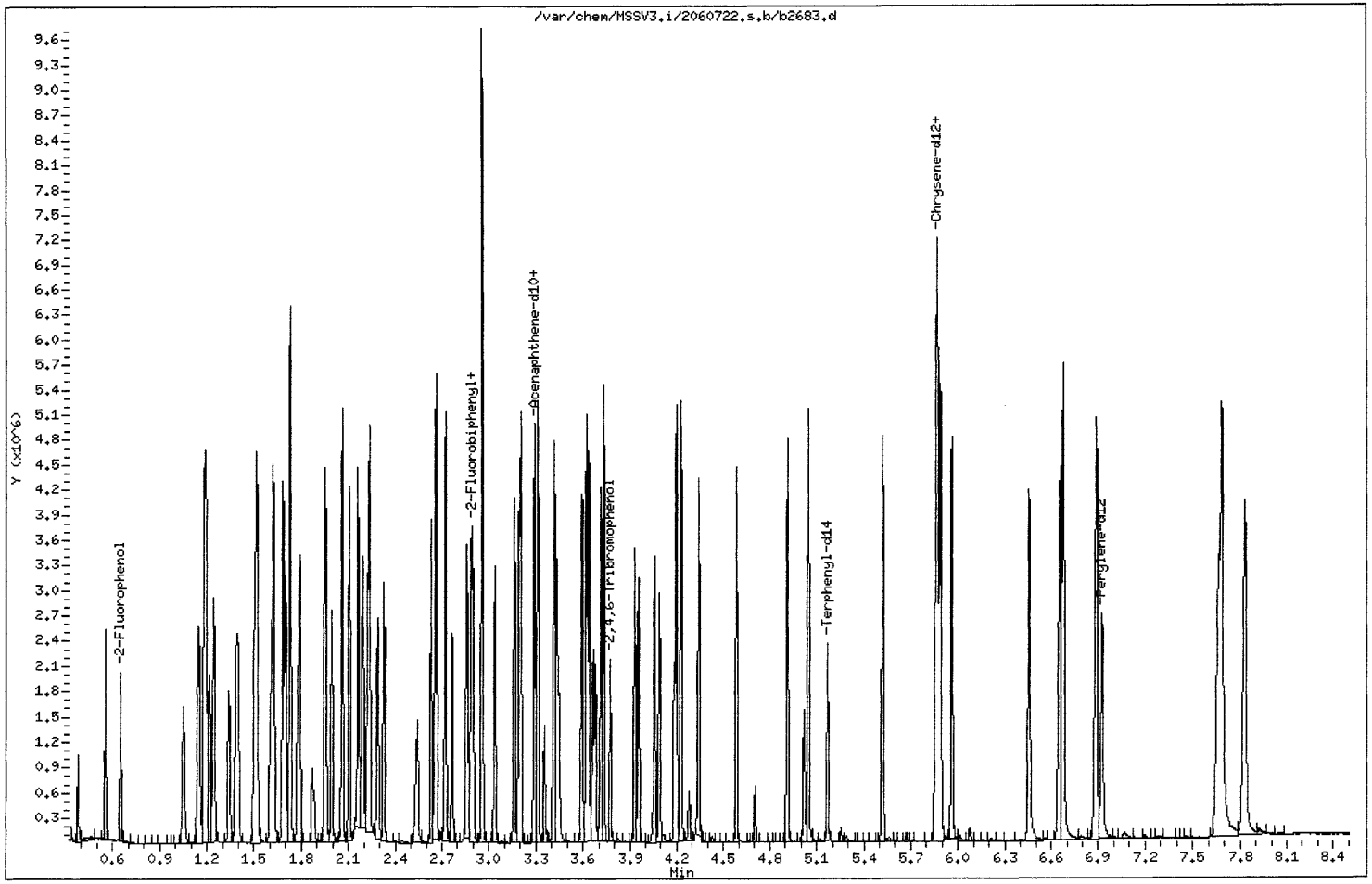
QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2683.d
Date : 22-JUL-2006 21:30
Client ID: 0720LCS
Sample Info: 392366*LCS*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: rrr
Column diameter: 0.25



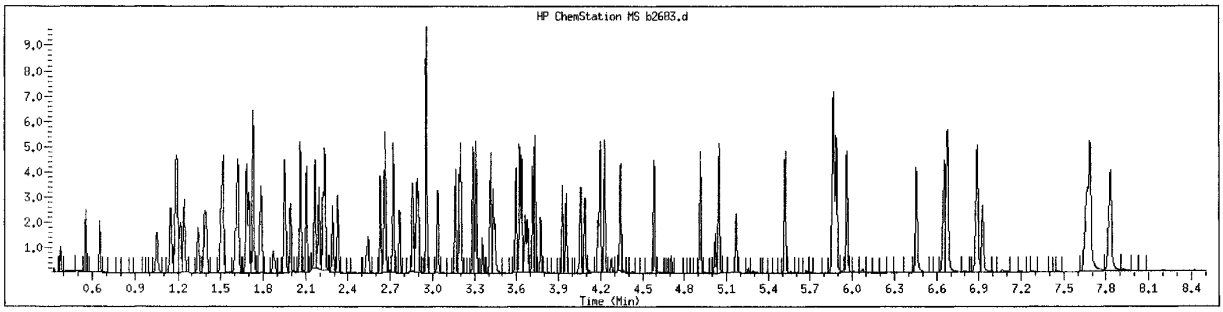
001185

189157

Data file : /var/chem/MSSV3.i/2060722.s.b/b2683.d Page: 1
Report Date: 07/23/2006 09:41

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 392366	SampleType	: LCS
Injection Date	: 22-JUL-2006 21:30	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 392366*LCS*		
Misc Info	: 0720LCS*MSSV~3839~*LCS*30.0-1*328412*		
Method	: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: LCS392710

Contract:

Lab File ID: 2060724/B2853

Lab Sample ID: 392710

Date Collected: Time:

Date Received:

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1247

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
208-96-8	Acenaphthylene	68.7		0.258	10.0
120-12-7	Anthracene	77.0		0.350	2.00
56-55-3	Benzo(a)anthracene	78.7		0.205	10.0
92-87-5	Benzidine	40.0	U	7.18	40.0
205-99-2	Benzo(b)fluoranthene	80.6		0.244	10.0
207-08-9	Benzo(k)fluoranthene	73.9		0.278	10.0
191-24-2	Benzo(g,h,i)perylene	83.2		0.199	10.0
50-32-8	Benzo(a)pyrene	93.0		0.130	10.0
65-85-0	Benzoic acid	38.4	J	1.00	50.0
85-68-7	Butylbenzylphthalate	89.8		0.356	10.0
111-91-1	Bis(2-Chloroethoxy)methane	75.5		0.192	10.0
111-44-4	Bis(2-Chloroethyl)ether	59.6		0.357	10.0
108-60-1	bis(2-Chloroisopropyl)ether	66.5		0.283	10.0
117-81-7	bis(2-ethylhexyl)phthalate	95.0		0.585	10.0
101-55-3	4-Bromophenyl-phenylether	80.2		0.393	10.0
86-74-8	Carbazole	85.2		0.214	10.0
7005-72-3	4-Chlorophenyl-phenylether	81.7		0.355	10.0
218-01-9	Chrysene	71.8		0.311	10.0
53-70-3	Dibenz(a,h)anthracene	83.6		0.287	10.0
132-64-9	Dibenzofuran	69.8		0.228	10.0
91-94-1	3,3'-Dichlorobenzidine	90.1		0.307	20.0
120-83-2	2,4-Dichlorophenol	67.7		0.292	10.0
84-66-2	Diethylphthalate	86.3		0.342	10.0
105-67-9	2,4-Dimethylphenol	58.2		6.00	10.0
131-11-3	Dimethyl-phthalate	83.4		0.206	10.0
117-84-0	Di-n-octylphthalate	102		0.337	10.0
51-28-5	2,4-Dinitrophenol	74.8		2.18	50.0
606-20-2	2,6-Dinitrotoluene	75.3		0.354	10.0
206-44-0	Fluoranthene	80.9		0.231	2.00

FORM I SV-1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: LCS392710
Contract:
Lab File ID: 2060724/B2853
Lab Sample ID: 392710
Date Collected: Time:
Date Received:
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 1247
Dilution Factor: 1 Analyst: JAR3
Prep Method: 3510C
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-73-7	Fluorene	74.6		0.230	10.0
118-74-1	Hexachlorobenzene	69.7		0.291	10.0
77-47-4	Hexachlorocyclopentadiene	51.8		1.85	10.0
67-72-1	Hexachloroethane	52.7		1.45	5.00
78-59-1	Isophorone	73.0		0.271	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	62.0		0.240	10.0
91-57-6	2-Methylnaphthalene	62.2		0.216	10.0
95-48-7	o-Cresol	54.5		0.240	10.0
98-95-3	Nitrobenzene	72.9		0.226	10.0
88-75-5	2-Nitrophenol	66.3		0.378	10.0
62-75-9	N-Nitrosodimethylamine	60.9		1.13	10.0
86-30-6	N-Nitrosodiphenylamine	77.4		0.270	10.0
85-01-8	Phenanthrene	70.7		0.191	2.00
95-95-4	2,4,5-Trichlorophenol	74.6		0.373	10.0
88-06-2	2,4,6-Trichlorophenol	71.2		0.420	10.0
100-51-6	Benzyl alcohol	61.9		0.265	10.0
62-53-3	Aniline	43.1		0.340	10.0
110-86-1	Pyridine	16.9		3.65	10.0
105-60-2	Caprolactam	30.1		0.309	10.0
98-86-2	Acetophenone	78.4		0.397	10.0
99-09-2	3-Nitroaniline	84.4		0.293	50.0
100-01-6	4-Nitroaniline	93.2		0.821	50.0
84-74-2	Di-n-butylphthalate	93.1		0.735	5.00
122-66-7	1,2 Diphenylhydrazine	76.2		0.204	10.0
88-74-4	2-Nitroaniline	85.4		0.981	50.0
91-58-7	2-Chloronaphthalene	69.6		0.326	10.0
106-47-8	4-Chloroaniline	74.8		0.341	10.0
1912-24-9	Atrazine (Aatrex)	84.3		0.473	20.0
100-52-7	Benzaldehyde	228	E	0.470	20.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: LCS392710

Contract:

Lab File ID: 2060724/B2853

Lab Sample ID: 392710

Date Collected: Time:

Date Received:

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1247

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
92-52-4	Biphenyl	75.1		0.176	10.0
1319-77-3M	m,p-Cresol	55.6		0.933	10.0
534-52-1	2-Methyl-4,6-dinitrophenol	74.3		0.759	50.0
108-95-2	Phenol	28.8		0.132	10.0
95-57-8	2-Chlorophenol	64.4		0.321	10.0
621-64-7	N-Nitroso-di-n-propylamine	79.4		0.246	10.0
59-50-7	4-Chloro-3-methylphenol	72.9		0.283	10.0
83-32-9	Acenaphthene	69.8		0.219	10.0
100-02-7	4-Nitrophenol	34.7	J	1.75	50.0
121-14-2	2,4-Dinitrotoluene	80.8		0.400	10.0
87-86-5	Pentachlorophenol	80.5		1.87	50.0
129-00-0	Pyrene	73.0		0.234	2.00

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060724.s.b/b2853.d
Lab Smp Id: 392710 Client Smp ID: 0721LCS
Inj Date : 24-JUL-2006 12:47
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 392710*LCS
Misc Info : 0721LCS*MSSV~3842~*LCS*1000-1*328467*
Comment :
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:10 jar3 Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	2 Pyridine	79	0.372	0.370	(0.272)	41065	16.8643	16.9
	1 n-Nitrosodimethylamine	42	0.364	0.364	(0.266)	36740	60.9447	60.9
$	3 2-Fluorophenol	112	0.639	0.639	(0.467)	122249	51.3093	51.3
$	4 Phenol-d5	99	1.164	1.164	(0.851)	399877	33.3712	33.4
	5 Aniline	93	1.127	1.133	(0.824)	670352	43.1033	43.1
	6 Phenol +	94	1.173	1.176	(0.857)	496933	28.8193	28.8
	7 bis(-2-Chloroethyl)Ether	63	1.195	1.201	(0.873)	501212	59.5797	59.6
	8 2-Chlorophenol	128	1.227	1.227	(0.896)	429554	64.3862	64.4
	9 1,3-Dichlorobenzene	146	1.326	1.326	(0.969)	437892	58.8178	58.8
*	10 1,4-Dichlorobenzene-d4	152	1.371	1.371	(1.000)	160807	40.0000	
	11 1,4-Dichlorobenzene +	146	1.383	1.383	(1.010)	411084	55.7137	55.7
	12 Benzyl alcohol	108	1.499	1.499	(1.095)	413675	61.9429	61.9
	13 1,2-Dichlorobenzene	146	1.488	1.488	(1.087)	399593	56.3049	56.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	15 2-Methylphenol	108	1.607	1.607	(1.174)	541938	54.4626	54.5
	14 Bis(2-chloroisopropyl)ether	45	1.590	1.593	(1.162)	421260	66.5251	66.5
	17 3- & 4-Methylphenol	108	1.715	1.718	(1.253)	486018	55.5670	55.6
	16 N-Nitroso-di-n-propylamine++	70	1.686	1.687	(1.232)	725150	79.3754	79.4
	18 Hexachloroethane	117	1.715	1.715	(1.253)	200873	52.6900	52.7
$	19 Nitrobenzene-d5	82	1.763	1.763	(0.797)	549012	38.4815	38.5
	20 Nitrobenzene	77	1.774	1.774	(0.802)	1030473	72.8636	72.9
	21 Isophorone	82	1.939	1.939	(0.877)	1854967	72.9582	73.0
	22 2-Nitrophenol +	139	1.982	1.982	(0.896)	226132	66.3059	66.3
	23 2,4-Dimethyphenol	107	2.047	2.050	(0.926)	587601	58.2104	58.2
	24 bis(-2-Chloroethoxy)methane	93	2.095	2.095	(0.947)	1052351	75.5418	75.5
	25 Benzoic Acid	122	2.155	2.172	(0.974)	116465	38.3518	38.4
	26 2,4-Dichlorophenol +	162	2.149	2.152	(0.972)	355854	67.7418	67.7
	27 1,2,4-Trichlorobenzene	180	2.180	2.183	(0.986)	335421	57.4440	57.4
*	28 Naphthalene-d8	136	2.211	2.212	(1.000)	581198	40.0000	
	29 Naphthalene	128	2.223	2.223	(1.005)	1097063	65.3554	65.4
	30 4-Chloroaniline	127	2.277	2.277	(1.030)	442615	74.8489	74.8
	31 Hexachlorobutadiene +	225	2.316	2.317	(1.047)	247034	57.5920	57.6
	32 4-Chloro-3-Methylphenol +	107	2.612	2.617	(1.181)	602341	72.9286	72.9
	33 2-Methylnaphthalene	142	2.651	2.654	(1.199)	675491	62.2357	62.2
	145 1-Methylnapthalene	142	2.711	2.711	(1.226)	661041	74.1033	74.1
	34 Hexachlorocyclopentadiene ++	237	2.756	2.757	(0.840)	225189	51.7873	51.8
	35 2,4,6-Trichlorophenol +	196	2.844	2.847	(0.867)	271716	71.1715	71.2
	36 2,4,5-Trichlorphenol	196	2.873	2.879	(0.875)	290197	74.6393	74.6
$	37 2-Fluorobiphenyl	172	2.890	2.890	(0.881)	415888	36.9589	37.0
	38 2-Chloronaphthalene	162	2.947	2.947	(0.898)	703847	69.6497	69.6
	39 2-Nitroaniline	138	3.029	3.029	(0.923)	269971	85.3934	85.4
	40 Dimethylphthalate	163	3.154	3.154	(0.961)	888816	83.4015	83.4
	41 2,6-Dinitrotoluene	165	3.182	3.182	(0.970)	194594	75.2931	75.3
	42 Acenaphthylene	152	3.193	3.194	(0.973)	1105561	68.6785	68.7
	43 3-Nitroaniline	138	3.281	3.282	(1.000)	204183	84.4371	84.4
*	44 Acenaphthene-d10	164	3.281	3.282	(1.000)	328313	40.0000	
	45 Acenaphthene +	153	3.301	3.301	(1.006)	710828	69.7572	69.8
	46 2,4-Dinitrophenol ++	184	3.344	3.344	(1.019)	164386	74.7578	74.8
	49 4-Nitrophenol ++	109	3.438	3.435	(1.048)	89410	34.7267	34.7
	47 Dibenzofuran	168	3.406	3.409	(1.038)	1040776	69.8146	69.8
	48 2,4-Dinitrotoluene	165	3.423	3.424	(1.043)	290727	80.8155	80.8
	50 Diethylphthalate	149	3.585	3.585	(1.093)	869761	86.2670	86.3
	52 4-Chlorophenyl-phenylether	204	3.628	3.631	(1.106)	458543	81.7466	81.7
	51 Fluorene	166	3.614	3.614	(1.101)	884897	74.5686	74.6
	53 4-Nitroaniline	138	3.656	3.653	(1.114)	224466	93.2312	93.2
	54 4,6-Dinitro-o-cresol	198	3.670	3.670	(0.879)	203793	74.2652	74.3
	55 N-nitrosodiphenylamine (1)+	169	3.707	3.707	(0.888)	618669	77.3977	77.4
	56 Azobenzene	77	3.724	3.724	(0.892)	1798555	76.1616	76.2
$	57 2,4,6-Tribromophenol	332	3.764	3.764	(1.147)	153599	93.3265	93.3
	58 4-Bromophenyl-phenylether	248	3.920	3.920	(0.939)	248733	80.1823	80.2
	59 Hexachlorobenzene	284	3.946	3.949	(0.945)	293849	69.7124	69.7

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
60 Pentachlorophenol +	266	4.079	4.082	(0.977)	199544	80.5347	80.5
* 61 Phenanthrene-d10	188	4.175	4.176	(1.000)	559642	40.0000	
62 Phenanthrene	178	4.190	4.190	(1.003)	1260035	70.7259	70.7
63 Anthracene	178	4.221	4.221	(1.011)	1355001	76.9943	77.0
64 Carbazole	167	4.334	4.335	(1.038)	1181879	85.2176	85.2
65 Di-n-butylphthalate	149	4.576	4.579	(1.096)	1499329	93.0931	93.1
67 Fluoranthene +	202	4.908	4.905	(1.175)	1379079	80.8676	80.9
68 Benzidine	184	5.160	5.013	(0.881)	8695	1.62834	1.63(aR)
69 Pyrene	202	5.038	5.038	(0.860)	1450663	73.0243	73.0
$ 70 Terphenyl-d14	244	5.163	5.163	(0.881)	528265	38.4709	38.5
71 Butylbenzylphthalate	149	5.512	5.512	(0.941)	694742	89.8078	89.8
73 3,3'-Dichlorobenzidine	252	5.861	5.862	(1.000)	509670	90.1104	90.1
72 Benzo(a)anthracene	228	5.850	5.850	(0.999)	1516370	78.6914	78.7
* 74 Chrysene-d12	240	5.859	5.859	(1.000)	591941	40.0000	
76 bis(2-Ethylhexyl)phthalate	149	5.952	5.955	(1.016)	964748	94.9656	95.0
75 Chrysene	228	5.878	5.879	(1.003)	1451259	71.7971	71.8
77 Di-n-octylphthalate +	149	6.449	6.449	(1.101)	1715985	101.704	102
78 Benzo(b)fluoranthene	252	6.642	6.642	(0.961)	1448062	80.5957	80.6
79 Benzo(k)fluoranthene	252	6.667	6.665	(0.964)	1693283	73.9102	73.9
80 Benzo(a)pyrene +	252	6.875	6.875	(0.994)	1537263	92.9525	93.0
* 81 Perylene-d12	264	6.914	6.915	(1.000)	628101	40.0000	
82 Indeno(1,2,3-cd)pyrene	276	7.649	7.647	(1.306)	1404258	61.9562	62.0
83 Dibenzo(a,h)anthracene	278	7.669	7.667	(1.109)	1594196	83.5908	83.6
84 Benzo(g,h,i)perylene	276	7.820	7.814	(1.131)	1664940	83.2002	83.2
M 66 Total Methylphenol	108				1027956	114.010	114
91 Acetophenone	105	1.669	1.669	(1.220)	982584	78.3623	78.4
155 Benzaldehyde	77	1.034	1.034	(0.755)	503041	228.199	228(AR)
156 Caprolactam	113	2.509	2.521	(1.135)	68800	30.0909	30.1
157 Biphenyl	154	2.944	2.944	(1.331)	862276	75.0705	75.1
158 Atrazine	200	4.053	4.054	(0.971)	238528	84.2834	84.3

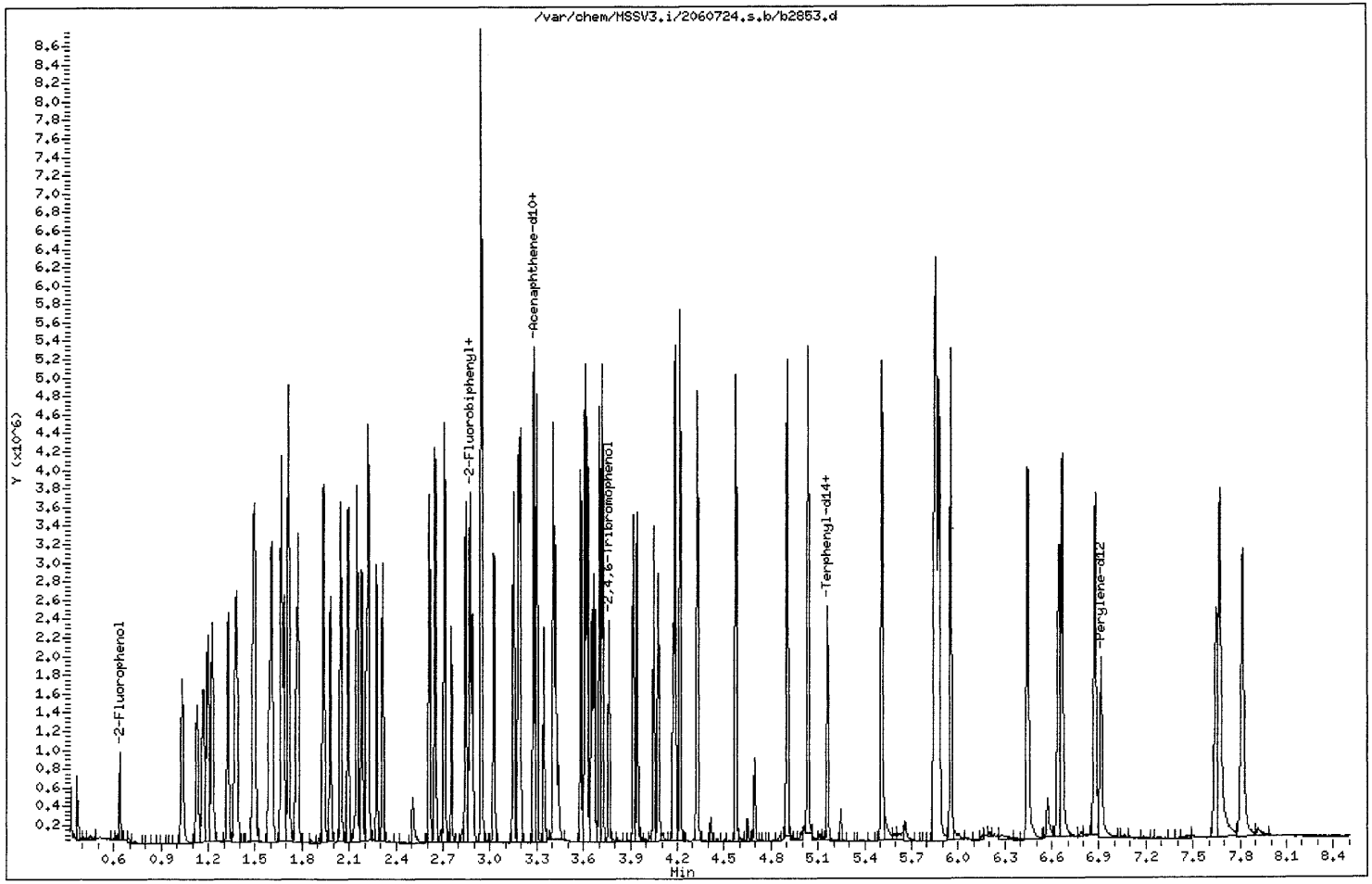
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060724.s.b/b2853.d
Date : 24-JUL-2006 12:47
Client ID: 0721LCS
Sample Info: 392710WLCS
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

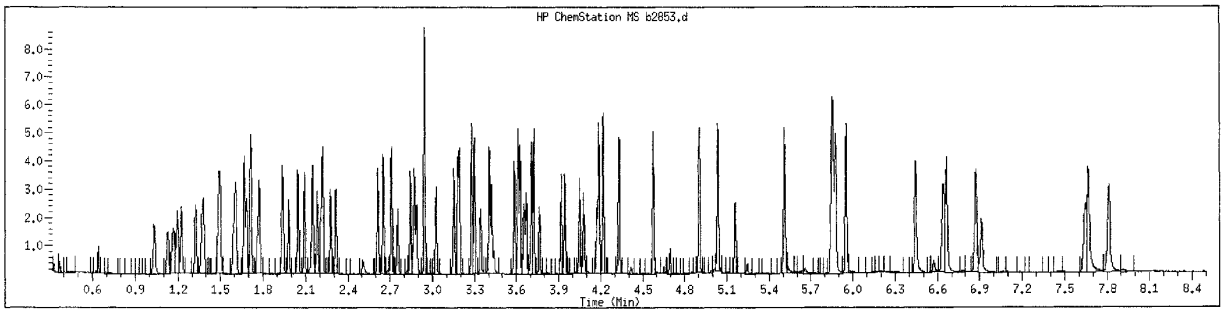
Operator: jar3
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060724.s.b/b2853.d Page: 1
Report Date: 07/24/2006 13:20

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 392710	SampleType	: LCS
Injection Date	: 24-JUL-2006 12:47	Instrument	: MSSV3.i
Operator	: jar3		
Sample Info	: 392710*LCS		
Misc Info	: 0721LCS*MSSV~3842~*LCS*1000-1*328467*		
Method	: /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: LCSD392367

Contract:

Lab File ID: 2060722/B2684

Lab Sample ID: 392367

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2146

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
208-96-8	Acenaphthylene	2540		9.75	66.0
120-12-7	Anthracene	2560		9.45	66.0
56-55-3	Benzo(a)anthracene	2680		8.80	66.0
92-87-5	Benzidine	4570		44.5	1320
205-99-2	Benzo(b)fluoranthene	2970		6.12	330
207-08-9	Benzo(k)fluoranthene	2400		13.5	330
191-24-2	Benzo(g,h,i)perylene	2270		8.75	330
50-32-8	Benzo(a)pyrene	3270		8.74	66.0
65-85-0	Benzoic acid	1950		154	1670
85-68-7	Butylbenzylphthalate	2570		10.8	330
111-91-1	Bis(2-Chloroethoxy)methane	2490		11.4	330
111-44-4	Bis(2-Chloroethyl)ether	2220		10.3	330
108-60-1	bis(2-Chloroisopropyl)ether	2000		12.8	330
117-81-7	bis(2-ethylhexyl)phthalate	2660		8.90	66.0
101-55-3	4-Bromophenyl-phenylether	2690		8.06	330
86-74-8	Carbazole	2770		8.53	330
7005-72-3	4-Chlorophenyl-phenylether	2680		8.78	330
218-01-9	Chrysene	2510		7.72	330
53-70-3	Dibenz(a,h)anthracene	2550		8.35	66.0
132-64-9	Dibenzofuran	2260		12.3	330
91-94-1	3,3'-Dichlorobenzidine	3290		41.5	660
120-83-2	2,4-Dichlorophenol	2210		8.61	330
84-66-2	Diethylphthalate	2840		14.7	330
105-67-9	2,4-Dimethylphenol	2300		22.4	330
131-11-3	Dimethyl-phthalate	2780		10.9	330
117-84-0	Di-n-octylphthalate	3220		7.19	330
51-28-5	2,4-Dinitrophenol	1480	J	56.5	1670
606-20-2	2,6-Dinitrotoluene	2630		8.00	330
206-44-0	Fluoranthene	2690		9.72	330

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: LCSD392367

Contract:

Lab File ID: 2060722/B2684

Lab Sample ID: 392367

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2146

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-73-7	Fluorene	2410		8.49	66.0
118-74-1	Hexachlorobenzene	2450		10.6	330
77-47-4	Hexachlorocyclopentadiene	1980		7.16	330
67-72-1	Hexachloroethane	1310		13.8	330
78-59-1	Isophorone	2480		8.41	330
193-39-5	Indeno(1,2,3-cd)pyrene	3590		14.0	330
91-57-6	2-Methylnaphthalene	2070		9.35	66.0
95-48-7	o-Cresol	2030		13.4	330
98-95-3	Nitrobenzene	2280		12.4	330
88-75-5	2-Nitrophenol	2120		13.2	330
62-75-9	N-Nitrosodimethylamine	2380		43.1	330
86-30-6	N-Nitrosodiphenylamine	2920		9.85	330
85-01-8	Phenanthrene	2420		10.7	66.0
95-95-4	2,4,5-Trichlorophenol	2350		6.72	330
88-06-2	2,4,6-Trichlorophenol	2440		14.8	330
100-51-6	Benzyl alcohol	2330		9.76	330
62-53-3	Aniline	2040		6.40	330
110-86-1	Pyridine	1900		19.8	330
105-60-2	Caprolactam	2520		68.4	330
98-86-2	Acetophenone	2350		7.10	330
99-09-2	3-Nitroaniline	2320		9.10	1670
100-01-6	4-Nitroaniline	2640		23.9	1670
84-74-2	Di-n-butylphthalate	3070		24.7	330
122-66-7	1,2 Diphenylhydrazine	2820		7.16	330
88-74-4	2-Nitroaniline	2730		21.6	1670
91-58-7	2-Chloronaphthalene	2520		8.92	330
106-47-8	4-Chloroaniline	2020		29.1	330
1912-24-9	Atrazine (Aatrex)	3170		16.9	660
100-52-7	Benzaldehyde	4250		25.3	660

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: LCSD392367

Contract:

Lab File ID: 2060722/B2684

Lab Sample ID: 392367

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2146

Dilution Factor: 1 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
92-52-4	Biphenyl	2340		9.70	330
1319-77-3M	m,p-Cresol	2300		12.3	330
534-52-1	2-Methyl-4,6-dinitrophenol	2290		17.3	1670
108-95-2	Phenol	2000		10.7	330
95-57-8	2-Chlorophenol	2120		5.28	330
621-64-7	N-Nitroso-di-n-propylamine	2530		8.93	66.0
59-50-7	4-Chloro-3-methylphenol	2140		13.2	330
83-32-9	Acenaphthene	2450		8.61	66.0
100-02-7	4-Nitrophenol	2470		43.4	1670
121-14-2	2,4-Dinitrotoluene	2490		14.9	330
87-86-5	Pentachlorophenol	3620		85.9	1670
129-00-0	Pyrene	2060		10.4	330

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2684.d
Lab Smp Id: 392367 Client Smp ID: 0720LCSD
Inj Date : 22-JUL-2006 21:46
Operator : rrr Inst ID: MSSV3.i
Smp Info : 392367*LCSD*
Misc Info : 0720LCSD*MSSV~3839~*LCSD*30.0-1*328412*
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 32 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	2 Pyridine	79	0.378	0.375	(0.273)	177705	57.1315	1900
	1 n-Nitrosodimethylamine	42	0.372	0.369	(0.269)	54937	71.3416	2380
$	3 2-Fluorophenol	112	0.651	0.648	(0.469)	262613	86.2883	2880
$	4 Phenol-d5	99	1.184	1.181	(0.855)	1168209	76.3222	2540
	5 Aniline	93	1.150	1.150	(0.830)	1218720	61.3474	2040
	6 Phenol +	94	1.193	1.195	(0.861)	1321423	59.9945	2000
	7 bis(-2-Chloroethyl)Ether	63	1.215	1.218	(0.877)	716392	66.6671	2220
	8 2-Chlorophenol	128	1.247	1.244	(0.900)	541144	63.4998	2120
	9 1,3-Dichlorobenzene	146	1.343	1.340	(0.969)	385727	40.5608	1350(R)
*	10 1,4-Dichlorobenzene-d4	152	1.386	1.386	(1.000)	205409	40.0000	
	11 1,4-Dichlorobenzene +	146	1.397	1.397	(1.008)	401228	42.5704	1420

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	12 Benzyl alcohol	108	1.516	1.516	(1.094)	596691	69.9467	2330
	13 1,2-Dichlorobenzene	146	1.502	1.502	(1.084)	402568	44.4071	1480(R)
	15 2-Methylphenol	108	1.621	1.621	(1.170)	772690	60.7909	2030
	14 Bis(2-chloroisopropyl)ether	45	1.607	1.604	(1.160)	486204	60.1089	2000
	17 3- & 4-Methylphenol	108	1.729	1.732	(1.248)	772376	69.1319	2300
	16 N-Nitroso-di-n-propylamine++	70	1.701	1.701	(1.227)	885514	75.8818	2530
	18 Hexachloroethane	117	1.729	1.726	(1.248)	191593	39.3433	1310(R)
$	19 Nitrobenzene-d5	82	1.775	1.777	(0.798)	639200	37.5644	1250
	20 Nitrobenzene	77	1.789	1.789	(0.805)	1155750	68.5184	2280
	21 Isophorone	82	1.953	1.953	(0.879)	2252139	74.2682	2480
	22 2-Nitrophenol +	139	1.996	1.993	(0.898)	259015	63.6775	2120
	23 2,4-Dimethyphenol	107	2.061	2.064	(0.927)	830795	69.0051	2300
	24 bis(-2-Chloroethoxy)methane	93	2.107	2.109	(0.948)	1240454	74.6581	2490
	25 Benzoic Acid	122	2.180	2.189	(0.981)	211853	58.4917	1950
	26 2,4-Dichlorophenol +	162	2.163	2.163	(0.973)	415986	66.3945	2210
	27 1,2,4-Trichlorobenzene	180	2.195	2.195	(0.987)	402761	57.8324	1930
*	28 Naphthalene-d8	136	2.223	2.223	(1.000)	693194	40.0000	
	29 Naphthalene	128	2.237	2.237	(1.006)	1303875	65.1261	2170
	30 4-Chloroaniline	127	2.288	2.291	(1.029)	426764	60.5085	2020
	31 Hexachlorobutadiene +	225	2.328	2.328	(1.047)	282621	55.2433	1840
	32 4-Chloro-3-Methylphenol +	107	2.632	2.629	(1.184)	633762	64.3355	2140
	33 2-Methylnaphthalene	142	2.666	2.666	(1.199)	805403	62.2161	2070
	145 1-Methylnapthalene	142	2.723	2.722	(1.225)	762474	71.6644	2390
	34 Hexachlorocyclopentadiene ++	237	2.768	2.768	(0.841)	261046	59.3230	1980
	35 2,4,6-Trichlorophenol +	196	2.859	2.859	(0.868)	283162	73.2918	2440
	36 2,4,5-Trichlorphenol	196	2.890	2.887	(0.878)	277806	70.6067	2350
$	37 2-Fluorobiphenyl	172	2.901	2.901	(0.881)	484317	42.5307	1420
	38 2-Chloronaphthalene	162	2.958	2.958	(0.898)	772717	75.5600	2520
	39 2-Nitroaniline	138	3.040	3.037	(0.923)	261786	81.8247	2730
	40 Dimethylphthalate	163	3.165	3.165	(0.961)	899128	83.3708	2780
	41 2,6-Dinitrotoluene	165	3.194	3.194	(0.970)	206210	78.8435	2630
	42 Acenaphthylene	152	3.205	3.205	(0.973)	1239666	76.0980	2540
	43 3-Nitroaniline	138	3.293	3.293	(1.000)	170326	69.6027	2320
*	44 Acenaphthene-d10	164	3.293	3.293	(1.000)	332244	40.0000	
	45 Acenaphthene +	153	3.313	3.313	(1.006)	756761	73.3861	2450
	46 2,4-Dinitrophenol ++	184	3.355	3.355	(1.019)	98203	44.4855	1480
	49 4-Nitrophenol ++	109	3.443	3.443	(1.046)	192940	74.0504	2470
	47 Dibenzofuran	168	3.418	3.418	(1.038)	1024026	67.8783	2260
	48 2,4-Dinitrotoluene	165	3.432	3.432	(1.042)	272441	74.8364	2490
	50 Diethylphthalate	149	3.597	3.594	(1.092)	869342	85.2053	2840
	52 4-Chlorophenyl-phenylether	204	3.639	3.639	(1.105)	456804	80.4730	2680
	51 Fluorene	166	3.625	3.622	(1.101)	868549	72.3249	2410
	53 4-Nitroaniline	138	3.665	3.665	(1.113)	193071	79.2426	2640
	54 4,6-Dinitro-o-cresol	198	3.679	3.679	(0.879)	165222	68.7920	2290
	55 N-nitrosodiphenylamine (1)+	169	3.716	3.716	(0.888)	612804	87.5919	2920
	56 Azobenzene	77	3.733	3.733	(0.892)	1749592	84.6490	2820
$	57 2,4,6-Tribromophenol	332	3.776	3.775	(1.147)	127415	76.5012	2550

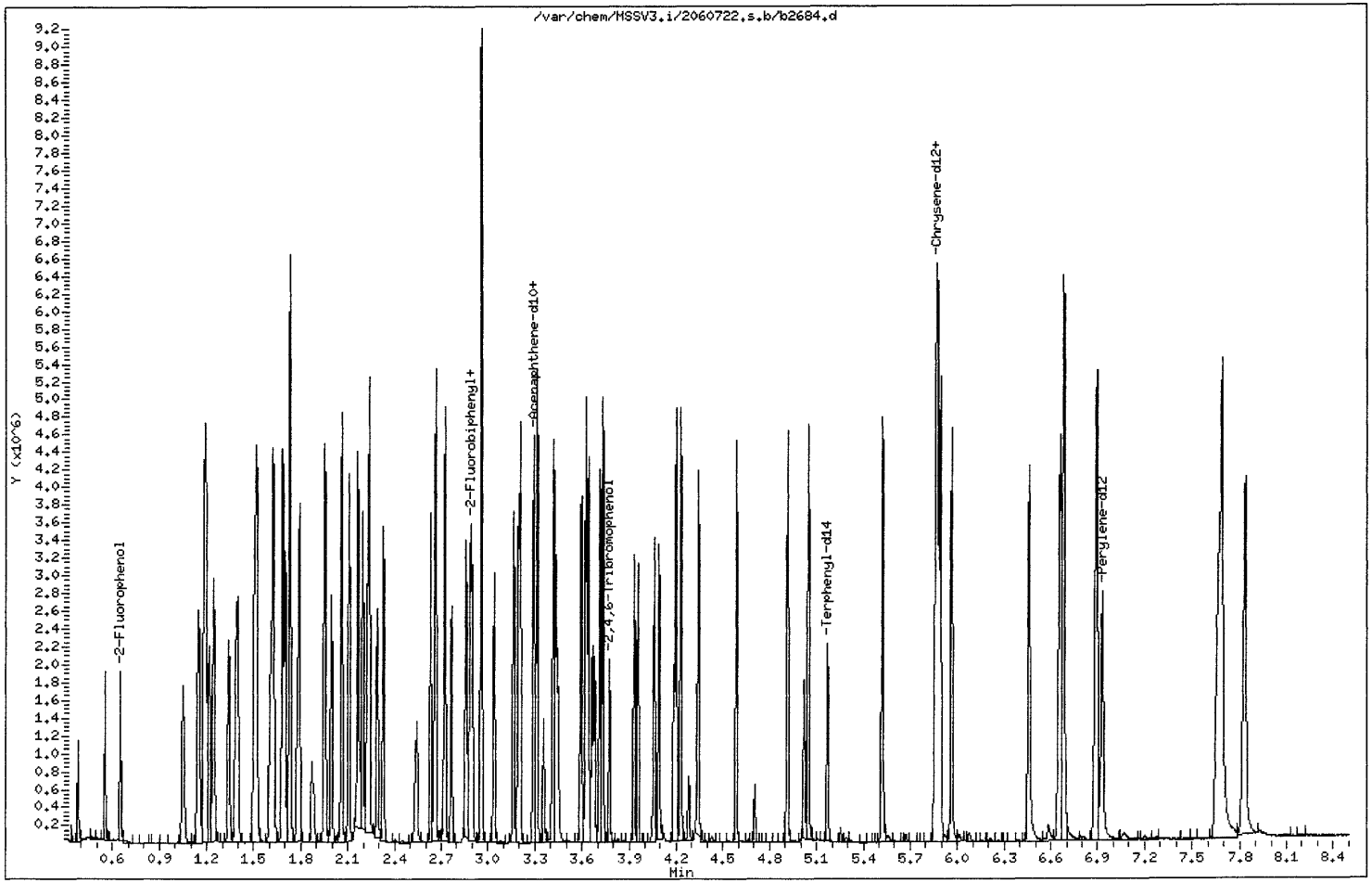
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	58 4-Bromophenyl-phenylether	248	3.929	3.932	(0.939)	218764	80.5739	2690
	59 Hexachlorobenzene	284	3.957	3.957	(0.946)	270622	73.3538	2450
	60 Pentachlorophenol +	266	4.091	4.090	(0.978)	235480	108.585	3620
*	61 Phenanthrene-d10	188	4.184	4.184	(1.000)	489821	40.0000	
	62 Phenanthrene	178	4.201	4.198	(1.004)	1133043	72.6633	2420
	63 Anthracene	178	4.230	4.230	(1.011)	1183246	76.8187	2560
	64 Carbazole	167	4.343	4.343	(1.038)	1008592	83.0891	2770
	65 Di-n-butylphthalate	149	4.587	4.584	(1.096)	1300094	92.2291	3070
	67 Fluoranthene +	202	4.917	4.914	(1.175)	1205756	80.7825	2690
	68 Benzidine	184	5.022	5.019	(0.855)	431496	137.246	4570(R)
	69 Pyrene	202	5.050	5.047	(0.860)	1290867	61.8838	2060
$	70 Terphenyl-d14	244	5.172	5.172	(0.881)	462170	32.0536	1070
	71 Butylbenzylphthalate	149	5.521	5.521	(0.941)	626778	77.1612	2570
	73 3,3'-Dichlorobenzidine	252	5.873	5.870	(1.000)	586963	98.8305	3290
	72 Benzo(a)anthracene	228	5.864	5.859	(0.999)	1627769	80.4469	2680
*	74 Chrysene-d12	240	5.870	5.867	(1.000)	621562	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.964	5.961	(1.016)	860572	79.9145	2660
	75 Chrysene	228	5.893	5.887	(1.004)	1600460	75.4052	2510
	77 Di-n-octylphthalate +	149	6.460	6.455	(1.101)	1711593	96.6097	3220
	78 Benzo(b)fluoranthene	252	6.659	6.648	(0.961)	2434082	88.9846	2970
	79 Benzo(k)fluoranthene	252	6.682	6.670	(0.964)	2517468	72.1445	2400
	80 Benzo(a)pyrene +	252	6.892	6.880	(0.994)	2469646	98.1978	3270
*	81 Perylene-d12	264	6.932	6.920	(1.000)	955158	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.670	7.650	(1.307)	2597604	107.836	3590
	83 Dibenzo(a,h)anthracene	278	7.687	7.672	(1.109)	2210096	76.4878	2550
	84 Benzo(g,h,i)perylene	276	7.834	7.817	(1.130)	2049674	68.0349	2270
M	66 Total Methylphenol	108				1545067	134.153	4470
	91 Acetophenone	105	1.684	1.686	(1.215)	1128531	70.4589	2350
	155 Benzaldehyde	77	1.051	1.051	(0.758)	491184	127.636	4250(R)
	156 Caprolactam	113	2.544	2.538	(1.144)	205761	75.4531	2520
	157 Biphenyl	154	2.958	2.955	(1.331)	961270	70.1678	2340
	158 Atrazine	200	4.062	4.062	(0.971)	235491	95.0710	3170
	174 1,4-Dioxane	88	0.336	0.330	(0.242)	23438	20.1659	672

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2684.d
Date : 22-JUL-2006 21:46
Client ID: 0720LCSD
Sample Info: 392367*LCSD*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

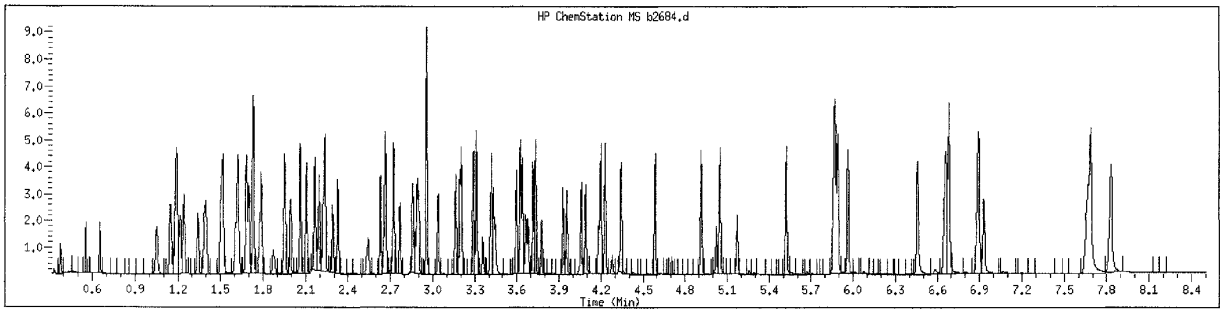
Instrument: MSSV3.i
Operator: rrr
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060722.s.b/b2684.d Page: 1
Report Date: 07/23/2006 09:41

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID	: 392367	SampleType	: LCSD
Injection Date	: 22-JUL-2006 21:46	Instrument	: MSSV3.i
Operator	: rrr		
Sample Info	: 392367*LCSD*		
Misc Info	: 0720LCSD*MSSV~3839~*LCSD*30.0-1*328412*		
Method	: /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m		
Dilution	: 1.0		
Matrix	: SOIL		
Integrator	: HP RTE	Compound Sublist	: SA8270



NO MANUAL INTEGRATIONS

001202

189174

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: LCSD392711

Contract:

Lab File ID: 2060724/B2854

Lab Sample ID: 392711

Date Collected: Time:

Date Received:

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1302

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
208-96-8	Acenaphthylene	74.7		0.258	10.0
120-12-7	Anthracene	82.7		0.350	2.00
56-55-3	Benzo(a)anthracene	82.4		0.205	10.0
92-87-5	Benzidine	40.0	U	7.18	40.0
205-99-2	Benzo(b)fluoranthene	87.4		0.244	10.0
207-08-9	Benzo(k)fluoranthene	82.0		0.278	10.0
191-24-2	Benzo(g,h,i)perylene	91.8		0.199	10.0
50-32-8	Benzo(a)pyrene	99.4		0.130	10.0
65-85-0	Benzoic acid	37.2	J	1.00	50.0
85-68-7	Butylbenzylphthalate	99.0		0.356	10.0
111-91-1	Bis(2-Chloroethoxy)methane	76.0		0.192	10.0
111-44-4	Bis(2-Chloroethyl)ether	72.0		0.357	10.0
108-60-1	bis(2-Chloroisopropyl)ether	71.5		0.283	10.0
117-81-7	bis(2-ethylhexyl)phthalate	102		0.585	10.0
101-55-3	4-Bromophenyl-phenylether	87.8		0.393	10.0
86-74-8	Carbazole	89.4		0.214	10.0
7005-72-3	4-Chlorophenyl-phenylether	89.5		0.355	10.0
218-01-9	Chrysene	80.3		0.311	10.0
53-70-3	Dibenz(a,h)anthracene	86.7		0.287	10.0
132-64-9	Dibenzofuran	75.2		0.228	10.0
91-94-1	3,3'-Dichlorobenzidine	103		0.307	20.0
120-83-2	2,4-Dichlorophenol	68.6		0.292	10.0
84-66-2	Diethylphthalate	100		0.342	10.0
105-67-9	2,4-Dimethylphenol	65.2		6.00	10.0
131-11-3	Dimethyl-phthalate	97.1		0.206	10.0
117-84-0	Di-n-octylphthalate	105		0.337	10.0
51-28-5	2,4-Dinitrophenol	82.1		2.18	50.0
606-20-2	2,6-Dinitrotoluene	88.1		0.354	10.0
206-44-0	Fluoranthene	86.6		0.231	2.00

FORM I SV-1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: LCSD392711
Contract:
Lab File ID: 2060724/B2854
Lab Sample ID: 392711
Date Collected: Time:
Date Received:
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 1302
Dilution Factor: 1 Analyst: JAR3
Prep Method: 3510C
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-73-7	Fluorene	80.7		0.230	10.0
118-74-1	Hexachlorobenzene	83.2		0.291	10.0
77-47-4	Hexachlorocyclopentadiene	54.8		1.85	10.0
67-72-1	Hexachloroethane	57.8		1.45	5.00
78-59-1	Isophorone	75.9		0.271	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	84.1		0.240	10.0
91-57-6	2-Methylnaphthalene	66.5		0.216	10.0
95-48-7	o-Cresol	60.7		0.240	10.0
98-95-3	Nitrobenzene	71.1		0.226	10.0
88-75-5	2-Nitrophenol	66.3		0.378	10.0
62-75-9	N-Nitrosodimethylamine	56.2		1.13	10.0
86-30-6	N-Nitrosodiphenylamine	84.9		0.270	10.0
85-01-8	Phenanthrene	79.4		0.191	2.00
95-95-4	2,4,5-Trichlorophenol	76.4		0.373	10.0
88-06-2	2,4,6-Trichlorophenol	78.1		0.420	10.0
100-51-6	Benzyl alcohol	64.1		0.265	10.0
62-53-3	Aniline	48.0		0.340	10.0
110-86-1	Pyridine	21.0		3.65	10.0
105-60-2	Caprolactam	31.8		0.309	10.0
98-86-2	Acetophenone	84.7		0.397	10.0
99-09-2	3-Nitroaniline	91.1		0.293	50.0
100-01-6	4-Nitroaniline	102		0.821	50.0
84-74-2	Di-n-butylphthalate	98.3		0.735	5.00
122-66-7	1,2 Diphenylhydrazine	82.5		0.204	10.0
88-74-4	2-Nitroaniline	90.9		0.981	50.0
91-58-7	2-Chloronaphthalene	74.2		0.326	10.0
106-47-8	4-Chloroaniline	76.5		0.341	10.0
1912-24-9	Atrazine (Aatrex)	95.3		0.473	20.0
100-52-7	Benzaldehyde	266	E	0.470	20.0

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: LCSD392711

Contract:

Lab File ID: 2060724/B2854

Lab Sample ID: 392711

Date Collected: Time:

Date Received:

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1302

Dilution Factor: 1 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
92-52-4	Biphenyl	78.5		0.176	10.0
1319-77-3M	m,p-Cresol	62.7		0.933	10.0
534-52-1	2-Methyl-4,6-dinitrophenol	84.9		0.759	50.0
108-95-2	Phenol	31.5		0.132	10.0
95-57-8	2-Chlorophenol	68.1		0.321	10.0
621-64-7	N-Nitroso-di-n-propylamine	89.8		0.246	10.0
59-50-7	4-Chloro-3-methylphenol	78.1		0.283	10.0
83-32-9	Acenaphthene	75.9		0.219	10.0
100-02-7	4-Nitrophenol	38.7	J	1.75	50.0
121-14-2	2,4-Dinitrotoluene	86.8		0.400	10.0
87-86-5	Pentachlorophenol	87.0		1.87	50.0
129-00-0	Pyrene	77.9		0.234	2.00

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060724.s.b/b2854.d
Lab Smp Id: 392711 Client Smp ID: 0721LCSD
Inj Date : 24-JUL-2006 13:02
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 392711*LCSD
Misc Info : 0721LCSD*MSSV~3842~*LCSD*1000-1*328467*
Comment :
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:10 jar3 Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 6 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	2 Pyridine	79	0.370	0.370	(0.269)	49159	21.0157	21.0
	1 n-Nitrosodimethylamine	42	0.364	0.364	(0.265)	32574	56.2496	56.2
$	3 2-Fluorophenol	112	0.639	0.639	(0.466)	130966	57.2213	57.2
$	4 Phenol-d5	99	1.161	1.164	(0.847)	413935	35.9605	36.0
	5 Aniline	93	1.130	1.133	(0.824)	717257	48.0099	48.0
	6 Phenol +	94	1.173	1.176	(0.855)	521312	31.4725	31.5
	7 bis(-2-Chloroethyl)Ether	63	1.198	1.201	(0.874)	581942	72.0119	72.0
	8 2-Chlorophenol	128	1.224	1.227	(0.892)	436120	68.0502	68.1
	9 1,3-Dichlorobenzene	146	1.326	1.326	(0.967)	420877	58.8498	58.8
*	10 1,4-Dichlorobenzene-d4	152	1.371	1.371	(1.000)	154474	40.0000	
	11 1,4-Dichlorobenzene +	146	1.383	1.383	(1.008)	435910	61.5002	61.5
	12 Benzyl alcohol	108	1.499	1.499	(1.093)	411369	64.1229	64.1
	13 1,2-Dichlorobenzene	146	1.488	1.488	(1.085)	409904	60.1256	60.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	15 2-Methylphenol	108	1.607	1.607	(1.172)	579833	60.6596	60.7
	14 Bis(2-chloroisopropyl)ether	45	1.590	1.593	(1.159)	434849	71.4863	71.5
	17 3- & 4-Methylphenol	108	1.718	1.718	(1.252)	527158	62.7413	62.7
	16 N-Nitroso-di-n-propylamine++	70	1.686	1.687	(1.230)	788223	89.8163	89.8
	18 Hexachloroethane	117	1.715	1.715	(1.250)	211712	57.8097	57.8
$	19 Nitrobenzene-d5	82	1.763	1.763	(0.797)	599868	39.4397	39.4
	20 Nitrobenzene	77	1.774	1.774	(0.802)	1071566	71.0722	71.1
	21 Isophorone	82	1.939	1.939	(0.877)	2056167	75.8584	75.9
	22 2-Nitrophenol +	139	1.982	1.982	(0.896)	240914	66.2611	66.3
	23 2,4-Dimethyphenol	107	2.050	2.050	(0.927)	701632	65.1979	65.2
	24 bis(-2-Chloroethoxy)methane	93	2.095	2.095	(0.947)	1128454	75.9832	76.0
	25 Benzoic Acid	122	2.160	2.172	(0.977)	120285	37.1544	37.2
	26 2,4-Dichlorophenol +	162	2.152	2.152	(0.973)	384292	68.6203	68.6
	27 1,2,4-Trichlorobenzene	180	2.183	2.183	(0.987)	372514	59.8417	59.8
*	28 Naphthalene-d8	136	2.212	2.212	(1.000)	619608	40.0000	
	29 Naphthalene	128	2.223	2.223	(1.005)	1179041	65.8848	65.9
	30 4-Chloroaniline	127	2.280	2.277	(1.031)	482561	76.5452	76.5
	31 Hexachlorobutadiene +	225	2.317	2.317	(1.047)	262365	57.3744	57.4
	32 4-Chloro-3-Methylphenol +	107	2.615	2.617	(1.182)	687611	78.0917	78.1
	33 2-Methylnaphthalene	142	2.654	2.654	(1.200)	769653	66.5154	66.5
	145 1-Methylnapthalene	142	2.711	2.711	(1.226)	746040	78.4473	78.4
	34 Hexachlorocyclopentadiene ++	237	2.759	2.757	(0.841)	250817	54.7910	54.8
	35 2,4,6-Trichlorophenol +	196	2.847	2.847	(0.868)	313952	78.1142	78.1
	36 2,4,5-Trichlorphenol	196	2.876	2.879	(0.876)	312581	76.3686	76.4
$	37 2-Fluorobiphenyl	172	2.890	2.890	(0.881)	480779	40.5850	40.6
	38 2-Chloronaphthalene	162	2.947	2.947	(0.898)	789322	74.1946	74.2
	39 2-Nitroaniline	138	3.029	3.029	(0.923)	302484	90.8839	90.9
	40 Dimethylphthalate	163	3.157	3.154	(0.962)	1089835	97.1403	97.1
	41 2,6-Dinitrotoluene	165	3.185	3.182	(0.971)	239716	88.1049	88.1
	42 Acenaphthylene	152	3.194	3.194	(0.973)	1265188	74.6570	74.7
	43 3-Nitroaniline	138	3.284	3.282	(1.001)	231854	91.0765	91.1
*	44 Acenaphthene-d10	164	3.282	3.282	(1.000)	345630	40.0000	
	45 Acenaphthene +	153	3.304	3.301	(1.007)	814192	75.8977	75.9
	46 2,4-Dinitrophenol ++	184	3.347	3.344	(1.020)	189834	82.1319	82.1
	49 4-Nitrophenol ++	109	3.438	3.435	(1.048)	104890	38.6978	38.7
	47 Dibenzofuran	168	3.409	3.409	(1.039)	1180664	75.2303	75.2
	48 2,4-Dinitrotoluene	165	3.423	3.424	(1.043)	328716	86.7975	86.8
	50 Diethylphthalate	149	3.588	3.585	(1.093)	1064848	100.325	100
	52 4-Chlorophenyl-phenylether	204	3.631	3.631	(1.106)	528608	89.5160	89.5
	51 Fluorene	166	3.616	3.614	(1.102)	1008749	80.7465	80.7
	53 4-Nitroaniline	138	3.659	3.653	(1.115)	258914	102.151	102
	54 4,6-Dinitro-o-cresol	198	3.676	3.670	(0.880)	245282	84.9277	84.9
	55 N-nitrosodiphenylamine (1)+	169	3.710	3.707	(0.889)	714098	84.8819	84.9
	56 Azobenzene	77	3.727	3.724	(0.893)	2051534	82.5426	82.5
$	57 2,4,6-Tribromophenol	332	3.767	3.764	(1.148)	175837	101.485	101
	58 4-Bromophenyl-phenylether	248	3.923	3.920	(0.940)	286710	87.8162	87.8
	59 Hexachlorobenzene	284	3.949	3.949	(0.946)	369201	83.2216	83.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	60 Pentachlorophenol +	266	4.082	4.082	(0.978)	226918	87.0163	87.0
*	61 Phenanthrene-d10	188	4.176	4.176	(1.000)	589011	40.0000	
	62 Phenanthrene	178	4.193	4.190	(1.004)	1488968	79.4088	79.4
	63 Anthracene	178	4.224	4.221	(1.012)	1531390	82.6784	82.7
	64 Carbazole	167	4.335	4.335	(1.038)	1305508	89.4382	89.4
	65 Di-n-butylphthalate	149	4.579	4.579	(1.097)	1665879	98.2769	98.3
	67 Fluoranthene +	202	4.911	4.905	(1.176)	1554996	86.6367	86.6
	68 Benzidine	184	5.163	5.013	(0.881)	9114	1.65582	1.66(aR)
	69 Pyrene	202	5.041	5.038	(0.860)	1588514	77.8750	77.9
$	70 Terphenyl-d14	244	5.166	5.163	(0.881)	622319	44.1367	44.1
	71 Butylbenzylphthalate	149	5.512	5.512	(0.940)	786415	99.0031	99.0
	73 3,3'-Dichlorobenzidine	252	5.864	5.862	(1.000)	598094	102.982	103
	72 Benzo(a)anthracene	228	5.853	5.850	(0.999)	1630511	82.4046	82.4
*	74 Chrysene-d12	240	5.862	5.859	(1.000)	607817	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.955	5.955	(1.016)	1054998	101.562	102
	75 Chrysene	228	5.881	5.879	(1.003)	1665915	80.2639	80.3
	77 Di-n-octylphthalate +	149	6.449	6.449	(1.100)	1827706	105.497	105
	78 Benzo(b)fluoranthene	252	6.645	6.642	(0.961)	1559856	87.4286	87.4
	79 Benzo(k)fluoranthene	252	6.670	6.665	(0.965)	1850070	81.9804	82.0
	80 Benzo(a)pyrene +	252	6.880	6.875	(0.995)	1630135	99.3561	99.4
*	81 Perylene-d12	264	6.915	6.915	(1.000)	623120	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.652	7.647	(1.306)	1972269	84.1021	84.1
	83 Dibenzo(a,h)anthracene	278	7.675	7.667	(1.110)	1643215	86.7250	86.7
	84 Benzo(g,h,i)perylene	276	7.823	7.814	(1.131)	1833238	91.7911	91.8
M	66 Total Methylphenol	108				1106991	127.808	128
	91 Acetophenone	105	1.669	1.669	(1.217)	1020384	84.7130	84.7
	155 Benzaldehyde	77	1.034	1.034	(0.754)	519495	266.402	266(AR)
	156 Caprolactam	113	2.512	2.521	(1.136)	77401	31.7540	31.8
	157 Biphenyl	154	2.947	2.944	(1.332)	960937	78.4738	78.5
	158 Atrazine	200	4.056	4.054	(0.971)	283910	95.3167	95.3

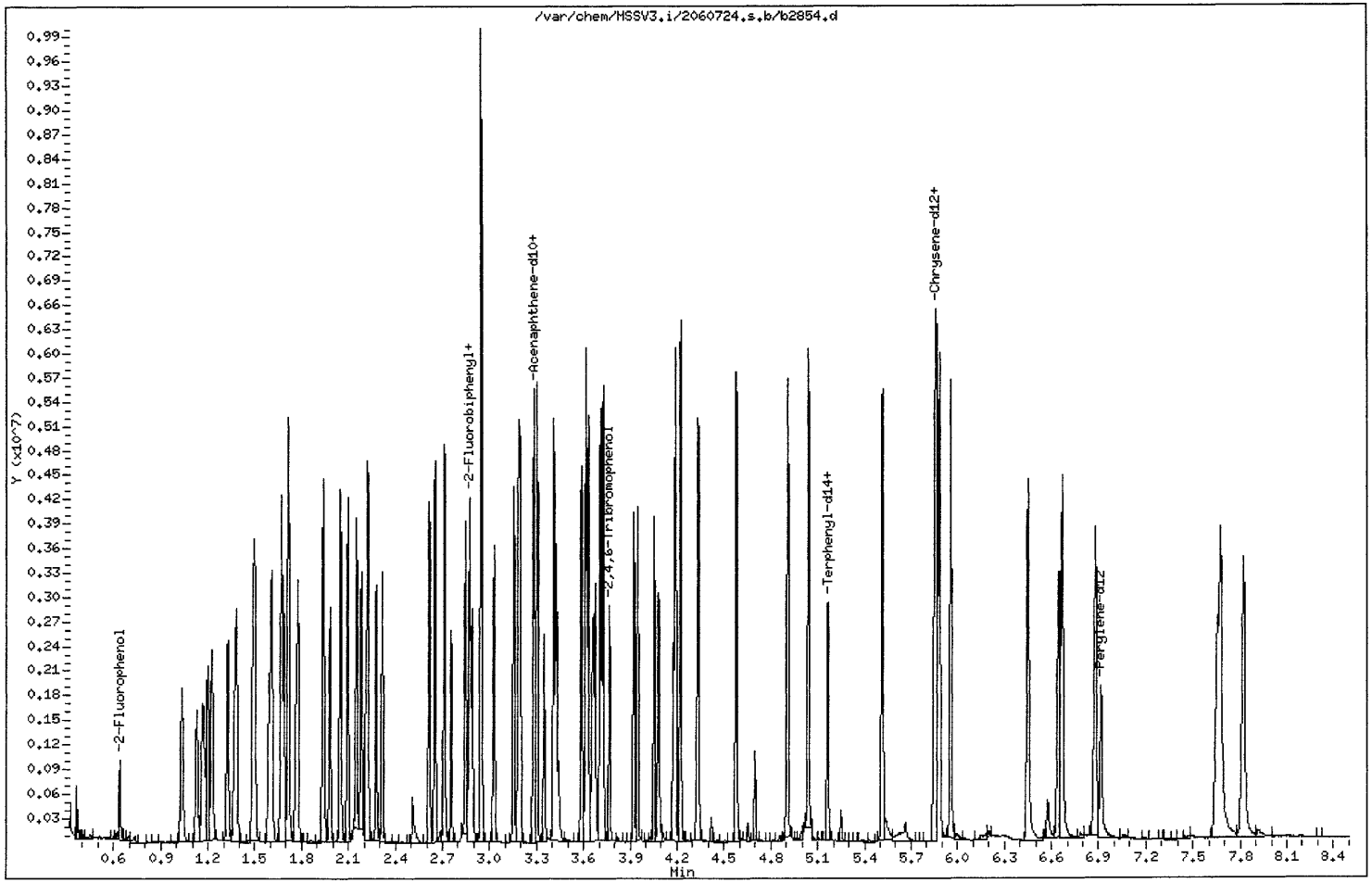
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: /var/chem/MSSV3.i/2060724.s.b/b2854.d
Date : 24-JUL-2006 13:02
Client ID: 0721LCSD
Sample Info: 392711*LCSD
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

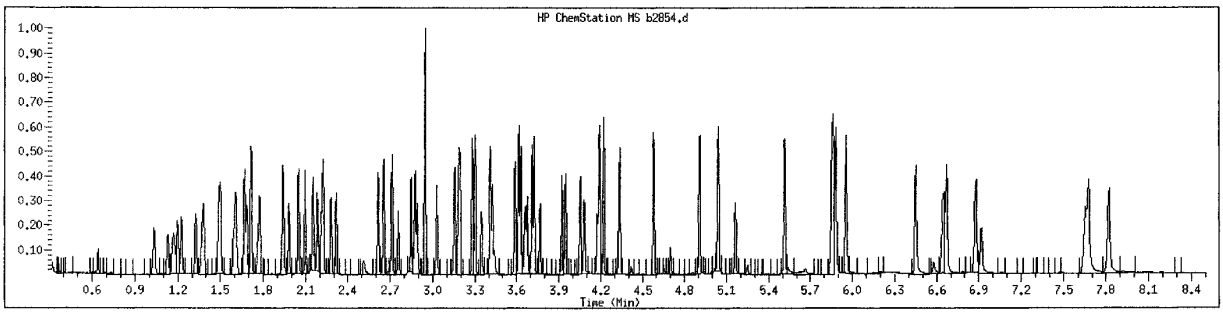
Operator: jar3
Column diameter: 0.25



Data file : /var/chem/MSSV3.i/2060724.s.b/b2854.d Page: 1
Report Date: 07/24/2006 13:20

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 392711 SampleType : LCSD
Injection Date: 24-JUL-2006 13:02 Instrument : MSSV3.i
Operator : jar3
Sample Info : 392711*LCSD
Misc Info : 0721LCSD*MSSV~3842~*LCSD*1000-1*328467*
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Dilution : 1.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: SA8270



NO MANUAL INTEGRATIONS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 24.6 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)MS

Contract:

Lab File ID: 2060722/B2687

Lab Sample ID: 20607200603

Date Collected: 07/18/06 Time: 1625

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2231

Dilution Factor: 5 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	3780		47.5	2190
95-95-4	2,4,5-Trichlorophenol	3010		44.5	2190
88-06-2	2,4,6-Trichlorophenol	3040		98.3	2190
120-83-2	2,4-Dichlorophenol	3010		57.1	2190
51-28-5	2,4-Dinitrophenol	1440	J	375	11100
121-14-2	2,4-Dinitrotoluene	3190		98.4	2190
606-20-2	2,6-Dinitrotoluene	3340		53.0	2190
91-58-7	2-Chloronaphthalene	3210		59.1	2190
95-57-8	2-Chlorophenol	2840		35.0	2190
91-57-6	2-Methylnaphthalene	3190		62.0	437
88-74-4	2-Nitroaniline	3490	J	143	11100
88-75-5	2-Nitrophenol	2880		87.2	2190
91-94-1	3,3'-Dichlorobenzidine	3170	J	275	4370
99-09-2	3-Nitroaniline	3550	J	60.3	11100
534-52-1	2-Methyl-4,6-dinitrophenol	1140	J	115	11100
59-50-7	4-Chloro-3-methylphenol	3270		87.7	2190
106-47-8	4-Chloroaniline	2810		193	2190
7005-72-3	4-Chlorophenyl-phenylether	3860		58.2	2190
83-32-9	Acenaphthene	3380		57.0	437
208-96-8	Acenaphthylene	3510		64.6	437
98-86-2	Acetophenone	3290		47.0	2190
62-53-3	Aniline	2050	J	42.4	2190
120-12-7	Anthracene	3510		62.7	437
1912-24-9	Atrazine (Aatrex)	4280	J	112	4370
100-52-7	Benzaldehyde	782	J	167	4370
92-87-5	Benzidine	379	J	295	8750
56-55-3	Benzo(a)anthracene	3570		58.3	437
50-32-8	Benzo(a)pyrene	4220		57.9	437
205-99-2	Benzo(b)fluoranthene	4710		40.5	2190

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 24.6 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)MS

Contract:

Lab File ID: 2060722/B2687

Lab Sample ID: 20607200603

Date Collected: 07/18/06 Time: 1625

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2231

Dilution Factor: 5 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	1630	J	58.0	2190
207-08-9	Benzo(k)fluoranthene	3100		89.6	2190
65-85-0	Benzoic acid	11100	U	1020	11100
100-51-6	Benzyl alcohol	3270		64.7	2190
92-52-4	Biphenyl	3620		64.3	2190
111-91-1	Bis(2-Chloroethoxy)methane	3210		75.3	2190
111-44-4	Bis(2-Chloroethyl)ether	2620		68.1	2190
108-60-1	bis(2-Chloroisopropyl)ether	2470		85.0	2190
117-81-7	bis(2-ethylhexyl)phthalate	3000		59.0	437
101-55-3	4-Bromophenyl-phenylether	3820		53.4	2190
85-68-7	Butylbenzylphthalate	2660		71.7	2190
105-60-2	Caprolactam	3670		453	2190
86-74-8	Carbazole	3710		56.5	2190
218-01-9	Chrysene	3470		51.2	2190
84-74-2	Di-n-butylphthalate	4120		164	2190
117-84-0	Di-n-octylphthalate	4200		47.7	2190
53-70-3	Dibenz(a,h)anthracene	2650		55.3	437
132-64-9	Dibenzofuran	3140		81.2	2190
84-66-2	Diethylphthalate	3660		97.4	2190
131-11-3	Dimethyl-phthalate	3580		72.1	2190
105-67-9	2,4-Dimethylphenol	3230		148	2190
206-44-0	Fluoranthene	4880		64.4	2190
86-73-7	Fluorene	3380		56.3	437
118-74-1	Hexachlorobenzene	3170		70.4	2190
77-47-4	Hexachlorocyclopentadiene	1090	J	47.5	2190
67-72-1	Hexachloroethane	2030	J	91.7	2190
193-39-5	Indeno(1,2,3-cd)pyrene	2850		93.0	2190
78-59-1	Isophorone	3270		55.7	2190
100-01-6	4-Nitroaniline	3660	J	158	11100

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 24.6 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)MS

Contract:

Lab File ID: 2060722/B2687

Lab Sample ID: 20607200603

Date Collected: 07/18/06 Time: 1625

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2231

Dilution Factor: 5 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	2970		82.1	2190
100-02-7	4-Nitrophenol	3470	J	288	11100
87-86-5	Pentachlorophenol	2760	J	570	11100
85-01-8	Phenanthrene	3920		71.1	437
108-95-2	Phenol	2890		71.2	2190
129-00-0	Pyrene	2450		68.6	2190
110-86-1	Pyridine	2520		132	2190
1319-77-3M	m,p-Cresol	3340		81.2	2190
621-64-7	N-Nitroso-di-n-propylamine	3450		59.2	437
62-75-9	N-Nitrosodimethylamine	3330		285	2190
86-30-6	N-Nitrosodiphenylamine	3550		65.3	2190
95-48-7	o-Cresol	2960		89.0	2190

FORM I SV-1

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2687.d
Lab Smp Id: 20607200603 Client Smp ID: 20607200603
Inj Date : 22-JUL-2006 22:31
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200603*4482*
Misc Info : 20607200603*MSSV~3839~*072006*30.0-1X5*328412
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 35 QC Sample: MS
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
2 Pyridine	79	0.375	0.375	(0.271)	25612	11.4293	1900
1 n-Nitrosodimethylamine	42	0.367	0.369	(0.265)	8359	15.0671	2510
$ 3 2-Fluorophenol	112	0.648	0.648	(0.468)	41434	18.8969	3150
$ 4 Phenol-d5	99	1.178	1.181	(0.852)	180036	16.3264	2720
5 Aniline	93	1.144	1.150	(0.828)	132920	9.28716	1550
6 Phenol +	94	1.190	1.195	(0.860)	207751	13.0922	2180
7 bis(-2-Chloroethyl)Ether	63	1.207	1.218	(0.873)	91921	11.8734	1980
8 2-Chlorophenol	128	1.241	1.244	(0.897)	78936	12.8568	2140
9 1,3-Dichlorobenzene	146	1.337	1.340	(0.967)	54661	7.97818	1330(R)
* 10 1,4-Dichlorobenzene-d4	152	1.383	1.386	(1.000)	147986	40.0000	
11 1,4-Dichlorobenzene +	146	1.394	1.397	(1.008)	54923	8.08854	1350

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	12 Benzyl alcohol	108	1.508	1.516	(1.090)	91137	14.8290	2470
	13 1,2-Dichlorobenzene	146	1.499	1.502	(1.084)	58514	8.95927	1490(R)
	15 2-Methylphenol	108	1.618	1.621	(1.170)	122371	13.3632	2230
	14 Bis(2-chloroisopropyl)ether	45	1.601	1.604	(1.158)	64863	11.1306	1860
	17 3- & 4-Methylphenol	108	1.726	1.732	(1.248)	121660	15.1146	2520
	16 N-Nitroso-di-n-propylamine++	70	1.692	1.701	(1.224)	131169	15.6018	2600
	18 Hexachloroethane	117	1.726	1.726	(1.248)	32200	9.17797	1530
$	19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	94149	7.12510	1190
	20 Nitrobenzene	77	1.783	1.789	(0.803)	175733	13.4163	2240
	21 Isophorone	82	1.945	1.953	(0.876)	349418	14.8384	2470
	22 2-Nitrophenol +	139	1.990	1.993	(0.896)	41215	13.0482	2170
	23 2,4-Dimethyphenol	107	2.058	2.064	(0.927)	136635	14.6145	2440
	24 bis(-2-Chloroethoxy)methane	93	2.101	2.109	(0.946)	187390	14.5237	2420
	25 Benzoic Acid	122	2.155	2.189	(0.971)	11231	3.99313	666
	26 2,4-Dichlorophenol +	162	2.163	2.163	(0.974)	66163	13.5989	2270
	27 1,2,4-Trichlorobenzene	180	2.192	2.195	(0.987)	70718	13.0764	2180
*	28 Naphthalene-d8	136	2.220	2.223	(1.000)	538294	40.0000	
	29 Naphthalene	128	2.234	2.237	(1.006)	212528	13.6701	2280
	30 4-Chloroaniline	127	2.288	2.291	(1.031)	69669	12.7205	2120
	31 Hexachlorobutadiene +	225	2.325	2.328	(1.047)	51036	12.8466	2140
	32 4-Chloro-3-Methylphenol +	107	2.623	2.629	(1.182)	113360	14.8190	2470
	33 2-Methylnaphthalene	142	2.663	2.666	(1.199)	145630	14.4869	2410
	145 1-Methylnapthalene	142	2.720	2.722	(1.225)	142915	17.2978	2880
	34 Hexachlorocyclopentadiene ++	237	2.768	2.768	(0.841)	20856	4.95110	825(R)
	35 2,4,6-Trichlorophenol +	196	2.856	2.859	(0.868)	50799	13.7354	2290
	36 2,4,5-Trichlorphenol	196	2.884	2.887	(0.877)	51374	13.6400	2270
$	37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	85460	7.83973	1310
	38 2-Chloronaphthalene	162	2.952	2.958	(0.897)	141942	14.4993	2420
	39 2-Nitroaniline	138	3.032	3.037	(0.921)	48383	15.7978	2630
	40 Dimethylphthalate	163	3.159	3.165	(0.960)	167464	16.2211	2700(M)
	41 2,6-Dinitrotoluene	165	3.188	3.194	(0.969)	37830	15.1097	2520
	42 Acenaphthylene	152	3.202	3.205	(0.973)	247754	15.8875	2650
	43 3-Nitroaniline	138	3.287	3.293	(0.999)	37650	16.0722	2680
*	44 Acenaphthene-d10	164	3.290	3.293	(1.000)	318048	40.0000	
	45 Acenaphthene +	153	3.310	3.313	(1.006)	151149	15.3118	2550
	46 2,4-Dinitrophenol ++	184	3.353	3.355	(1.019)	7427	6.52463	1090
	49 4-Nitrophenol ++	109	3.446	3.443	(1.047)	39261	15.7410	2620
	47 Dibenzofuran	168	3.415	3.418	(1.038)	205531	14.2319	2370
	48 2,4-Dinitrotoluene	165	3.429	3.432	(1.042)	50302	14.4341	2410
	50 Diethylphthalate	149	3.591	3.594	(1.091)	161642	16.5499	2760
	52 4-Chlorophenyl-phenylether	204	3.636	3.639	(1.105)	95033	17.4888	2910
	51 Fluorene	166	3.622	3.622	(1.101)	176158	15.3236	2550
	53 4-Nitroaniline	138	3.653	3.665	(1.110)	38581	16.5417	2760
	54 4,6-Dinitro-o-cresol	198	3.670	3.679	(0.878)	12701	5.17627	863(R)
	55 N-nitrosodiphenylamine (1)+	169	3.713	3.716	(0.888)	115048	16.0965	2680
	56 Azobenzene	77	3.730	3.733	(0.892)	361510	17.1205	2850
$	57 2,4,6-Tribromophenol	332	3.773	3.775	(1.147)	25086	15.7341	2620

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	58 4-Bromophenyl-phenylether	248	3.929	3.932	(0.940)	47886	17.2638	2880
	59 Hexachlorobenzene	284	3.954	3.957	(0.946)	53991	14.3249	2390
	60 Pentachlorophenol +	266	4.090	4.090	(0.978)	27653	12.4816	2080
*	61 Phenanthrene-d10	188	4.181	4.184	(1.000)	500411	40.0000	
	62 Phenanthrene	178	4.195	4.198	(1.003)	282780	17.7512	2960
	63 Anthracene	178	4.227	4.230	(1.011)	250005	15.8873	2650
	64 Carbazole	167	4.340	4.343	(1.038)	208189	16.7879	2800
	65 Di-n-butylphthalate	149	4.584	4.584	(1.096)	268839	18.6679	3110
	67 Fluoranthene +	202	4.916	4.914	(1.176)	336517	22.0687	3680(R)
	68 Benzidine	184	5.027	5.019	(0.856)	13395	1.71766	286
	69 Pyrene	202	5.047	5.047	(0.859)	318981	11.1279	1850
$	70 Terphenyl-d14	244	5.172	5.172	(0.880)	85155	4.29773	716
	71 Butylbenzylphthalate	149	5.524	5.521	(0.940)	134610	12.0591	2010(R)
	73 3,3'-Dichlorobenzidine	252	5.876	5.870	(1.000)	117028	14.3392	2390
	72 Benzo(a)anthracene	228	5.870	5.859	(0.999)	449473	16.1649	2690
*	74 Chrysene-d12	240	5.876	5.867	(1.000)	854143	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.969	5.961	(1.016)	201282	13.5686	2260
	75 Chrysene	228	5.896	5.887	(1.003)	457676	15.6916	2620
	77 Di-n-octylphthalate +	149	6.472	6.455	(1.101)	463528	19.0393	3170
	78 Benzo(b)fluoranthene	252	6.676	6.648	(0.959)	702717	21.2714	3550(H)
	79 Benzo(k)fluoranthene	252	6.690	6.670	(0.961)	658613	14.0101	2340
	80 Benzo(a)pyrene +	252	6.909	6.880	(0.993)	601459	19.1062	3180
*	81 Perylene-d12	264	6.960	6.920	(1.000)	1195569	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.701	7.650	(1.311)	373141	12.8999	2150
	83 Dibenzo(a,h)anthracene	278	7.718	7.672	(1.109)	331761	11.9919	2000
	84 Benzo(g,h,i)perylene	276	7.862	7.817	(1.130)	277413	7.37127	1230(R)
M	66 Total Methylphenol	108				244031	29.4101	4900
	91 Acetophenone	105	1.675	1.686	(1.211)	171897	14.8967	2480
	155 Benzaldehyde	77	1.051	1.051	(0.760)	68518	3.54057	590(R)
	156 Caprolactam	113	2.501	2.538	(1.127)	35154	16.6005	2770
	157 Biphenyl	154	2.952	2.955	(1.330)	173991	16.3551	2730
	158 Atrazine	200	4.056	4.062	(0.970)	49028	19.3744	3230
	174 1,4-Dioxane	88	0.330	0.330	(0.238)	10505	12.5451	2090

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2687.d

Page 1

Date : 22-JUL-2006 22:31

Client ID: 20607200603

Instrument: MSSV3.i

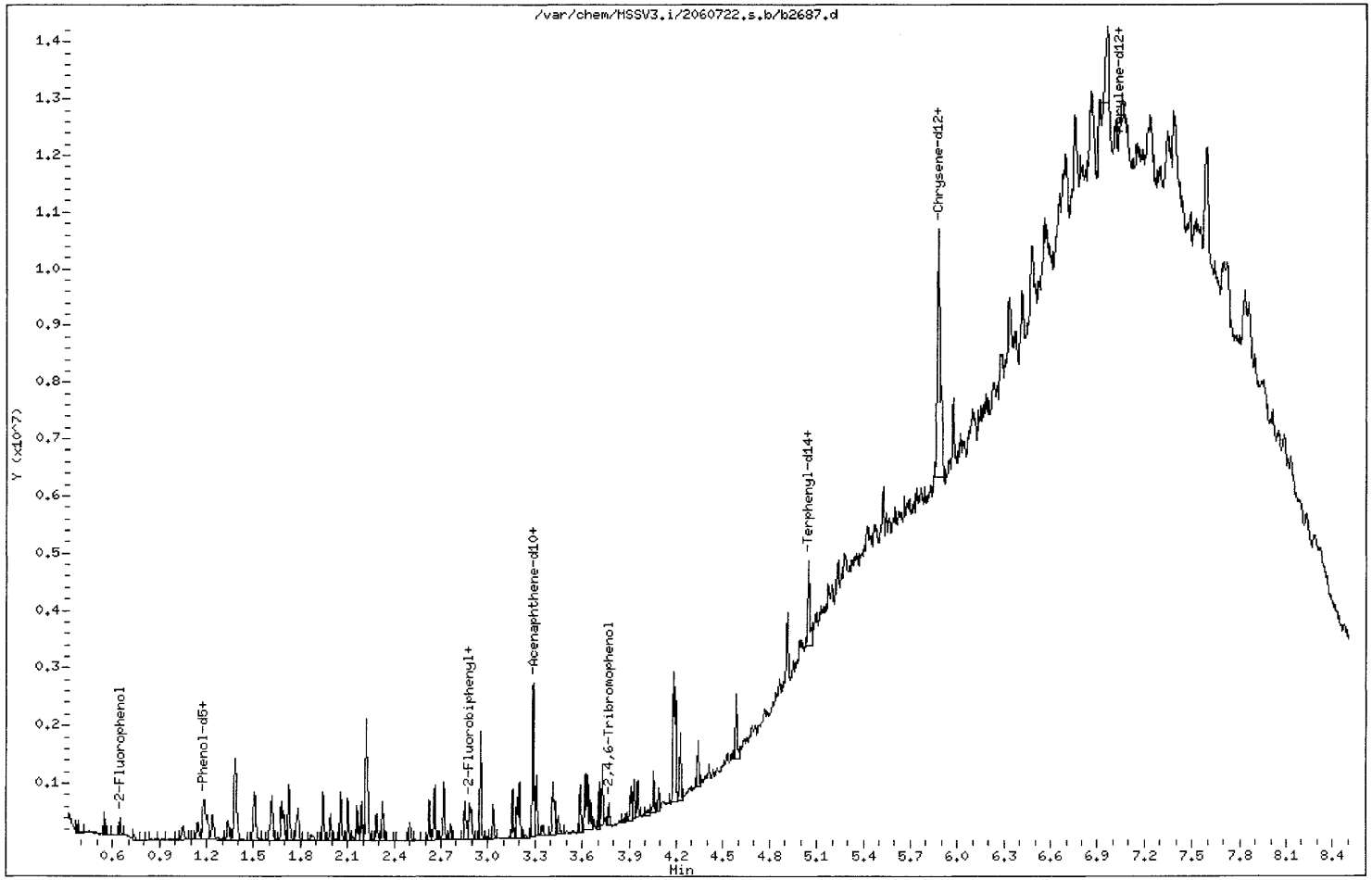
Sample Info: 20607200603*4482*

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25



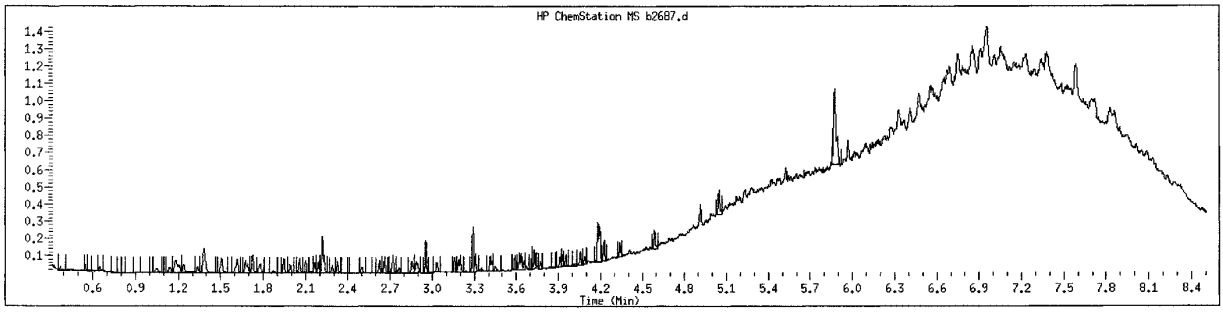
001217

189189

Data file : /var/chem/MSSV3.i/2060722.s.b/b2687.d Page: 1
Report Date: 07/23/2006 10:58

MANUAL INTEGRATION GRAPHIC REPORT

Lab ID : 20607200603 SampleType : MS
Injection Date: 22-JUL-2006 22:31 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200603*4482*
Misc Info : 20607200603*MSSV~3839~*072006*30.0-1X5*328412
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 5.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



Original Final

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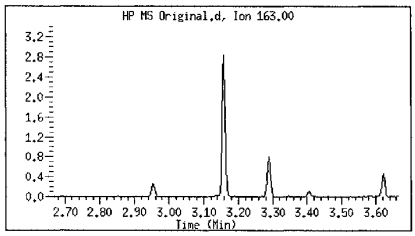
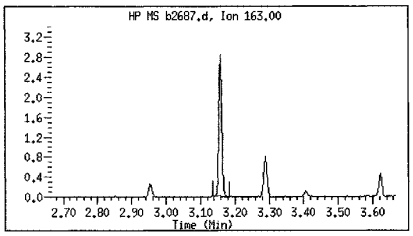
40 Dimethylphthalate CAS#: 131-11-3





001218

189190

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 200 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: DNT DEBRIS (TCLP)MS

Contract:

Lab File ID: 2060724/B2861

Lab Sample ID: 392712

Date Collected: 07/14/06 Time: 0714

Date Received: 07/17/06

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1452

Dilution Factor: 50 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
208-96-8	Acenaphthylene	380	J	64.4	2500
120-12-7	Anthracene	398	J	87.6	500
56-55-3	Benzo(a)anthracene	352	J	51.4	2500
92-87-5	Benzidine	10000	U	1800	10000
205-99-2	Benzo(b)fluoranthene	545	J	61.0	2500
207-08-9	Benzo(k)fluoranthene	165	J	69.6	2500
191-24-2	Benzo(g,h,i)perylene	237	J	49.8	2500
50-32-8	Benzo(a)pyrene	166	J	32.5	2500
65-85-0	Benzoic acid	12500	U	250	12500
85-68-7	Butylbenzylphthalate	389	J	88.9	2500
111-91-1	Bis(2-Chloroethoxy)methane	405	J	47.9	2500
111-44-4	Bis(2-Chloroethyl)ether	362	J	89.3	2500
108-60-1	bis(2-Chloroisopropyl)ether	365	J	70.7	2500
117-81-7	bis(2-ethylhexyl)phthalate	549	J	146	2500
101-55-3	4-Bromophenyl-phenylether	435	J	98.2	2500
86-74-8	Carbazole	419	J	53.5	2500
7005-72-3	4-Chlorophenyl-phenylether	415	J	88.7	2500
218-01-9	Chrysene	382	J	77.8	2500
53-70-3	Dibenz(a,h)anthracene	956	J	71.9	2500
132-64-9	Dibenzofuran	374	J	56.9	2500
91-94-1	3,3'-Dichlorobenzidine	349	J	76.8	5000
120-83-2	2,4-Dichlorophenol	344	J	73.0	2500
84-66-2	Diethylphthalate	417	J	85.6	2500
105-67-9	2,4-Dimethylphenol	2500	U	1500	2500
131-11-3	Dimethyl-phthalate	396	J	51.4	2500
117-84-0	Di-n-octylphthalate	251	J	84.3	2500
51-28-5	2,4-Dinitrophenol	12500	U	544	12500
606-20-2	2,6-Dinitrotoluene	7000		88.5	2500
206-44-0	Fluoranthene	388	J	57.8	500

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 200 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: DNT DEBRIS (TCLP)MS

Contract:

Lab File ID: 2060724/B2861

Lab Sample ID: 392712

Date Collected: 07/14/06 Time: 0714

Date Received: 07/17/06

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1452

Dilution Factor: 50 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-73-7	Fluorene	368	J	57.6	2500
118-74-1	Hexachlorobenzene	430	J	72.6	2500
77-47-4	Hexachlorocyclopentadiene	2500	U	463	2500
67-72-1	Hexachloroethane	1250	U	363	1250
78-59-1	Isophorone	394	J	67.7	2500
193-39-5	Indeno(1,2,3-cd)pyrene	540	J	60.0	2500
91-57-6	2-Methylnaphthalene	334	J	54.0	2500
95-48-7	o-Cresol	302	J	60.1	2500
98-95-3	Nitrobenzene	390	J	56.6	2500
88-75-5	2-Nitrophenol	323	J	94.5	2500
62-75-9	N-Nitrosodimethylamine	352	J	284	2500
86-30-6	N-Nitrosodiphenylamine	450	J	67.5	2500
85-01-8	Phenanthrene	394	J	47.7	500
95-95-4	2,4,5-Trichlorophenol	322	J	93.2	2500
88-06-2	2,4,6-Trichlorophenol	314	J	105	2500
100-51-6	Benzyl alcohol	278	J	66.2	2500
62-53-3	Aniline	201	J	85.0	2500
110-86-1	Pyridine	2500	U	912	2500
105-60-2	Caprolactam	99.4	J	77.3	2500
98-86-2	Acetophenone	407	J	99.3	2500
99-09-2	3-Nitroaniline	327	J	73.4	12500
100-01-6	4-Nitroaniline	344	J	205	12500
84-74-2	Di-n-butylphthalate	407	J	184	1250
122-66-7	1,2 Diphenylhydrazine	417	J	50.9	2500
88-74-4	2-Nitroaniline	346	J	245	12500
91-58-7	2-Chloronaphthalene	357	J	81.6	2500
106-47-8	4-Chloroaniline	305	J	85.2	2500
1912-24-9	Atrazine (Aatrex)	361	J	118	5000
100-52-7	Benzaldehyde	757	J	117	5000

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 200 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: DNT DEBRIS (TCLP)MS

Contract:

Lab File ID: 2060724/B2861

Lab Sample ID: 392712

Date Collected: 07/14/06 Time: 0714

Date Received: 07/17/06

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1452

Dilution Factor: 50 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
92-52-4	Biphenyl	412	J	44.1	2500
1319-77-3M	m,p-Cresol	320	J	233	2500
534-52-1	2-Methyl-4,6-dinitrophenol	233	J	190	12500
108-95-2	Phenol	164	J	33.0	2500
95-57-8	2-Chlorophenol	305	J	80.3	2500
621-64-7	N-Nitroso-di-n-propylamine	400	J	61.4	2500
59-50-7	4-Chloro-3-methylphenol	340	J	70.9	2500
83-32-9	Acenaphthene	377	J	54.8	2500
100-02-7	4-Nitrophenol	12500	U	438	12500
121-14-2	2,4-Dinitrotoluene	23100		100	2500
87-86-5	Pentachlorophenol	12500	U	467	12500
129-00-0	Pyrene	345	J	58.4	500

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060724.s.b/b2861.d
Lab Smp Id: 392712 Client Smp ID: 20607174902
Inj Date : 24-JUL-2006 14:52
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 392712*0042*
Misc Info : 20607174902*MSSV~3842~*071749*200-X50*328467*
Comment :
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:10 jar3 Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 8 QC Sample: MS
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	200.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
1 n-Nitrosodimethylamine	42	0.367	0.364	(0.268)	1271	1.40942	352(a)
$ 3 2-Fluorophenol	112	0.645	0.639	(0.471)	3725	1.04515	261(a)
$ 4 Phenol-d5	99	1.170	1.164	(0.855)	13020	0.72637	182(a)
5 Aniline	93	1.136	1.133	(0.830)	18700	0.80381	201(a)
6 Phenol +	94	1.181	1.176	(0.863)	16884	0.65458	164(a)
7 bis(-2-Chloroethyl)Ether	63	1.195	1.201	(0.873)	18221	1.44795	362(a)
8 2-Chlorophenol	128	1.230	1.227	(0.898)	12163	1.21876	305(a)
9 1,3-Dichlorobenzene	146	1.326	1.326	(0.969)	12417	1.11497	279(a)
* 10 1,4-Dichlorobenzene-d4	152	1.369	1.371	(1.000)	240548	40.0000	
11 1,4-Dichlorobenzene +	146	1.380	1.383	(1.008)	14183	1.28500	321(a)
12 Benzyl alcohol	108	1.499	1.499	(1.095)	11109	1.11202	278(a)
13 1,2-Dichlorobenzene	146	1.488	1.488	(1.087)	12111	1.14081	285(a)
15 2-Methylphenol	108	1.607	1.607	(1.174)	17964	1.20685	302(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	14 Bis(2-chloroisopropyl)ether	45	1.596	1.593	(1.166)	13837	1.46079	365(aM)
	17 3- & 4-Methylphenol	108	1.718	1.718	(1.255)	16769	1.28167	320(a)
	16 N-Nitroso-di-n-propylamine++	70	1.681	1.687	(1.228)	21882	1.60121	400(a)
	18 Hexachloroethane	117	1.712	1.715	(1.251)	6128	1.07455	269(a)
$	19 Nitrobenzene-d5	82	1.760	1.763	(0.798)	16804	0.78700	197(aM)
	20 Nitrobenzene	77	1.774	1.774	(0.804)	32988	1.55852	390(a)
	21 Isophorone	82	1.933	1.939	(0.876)	59976	1.57615	394(a)
	22 2-Nitrophenol +	139	1.982	1.982	(0.898)	6598	1.29266	323(aR)
	23 2,4-Dimethyphenol	107	2.047	2.050	(0.928)	21067	1.39445	349(a)
	24 bis(-2-Chloroethoxy)methane	93	2.092	2.095	(0.949)	33757	1.61909	405(a)
	26 2,4-Dichlorophenol +	162	2.155	2.152	(0.977)	10804	1.37420	344(a)
	27 1,2,4-Trichlorobenzene	180	2.180	2.183	(0.988)	11741	1.34351	336(a)
*	28 Naphthalene-d8	136	2.206	2.212	(1.000)	869847	40.0000	
	29 Naphthalene	128	2.220	2.223	(1.006)	36789	1.46436	366(a)
	30 4-Chloroaniline	127	2.280	2.277	(1.033)	10790	1.21916	305(a)
	31 Hexachlorobutadiene +	225	2.314	2.317	(1.049)	7711	1.20115	300(a)
	32 4-Chloro-3-Methylphenol +	107	2.615	2.617	(1.185)	16822	1.36086	340(a)
	33 2-Methylnaphthalene	142	2.651	2.654	(1.202)	21713	1.33666	334(a)
	145 1-Methylnapthalene	142	2.708	2.711	(1.228)	21780	1.63135	408(a)
	34 Hexachlorocyclopentadiene ++	237	2.754	2.757	(0.840)	4415	0.64947	162(a)
	35 2,4,6-Trichlorophenol +	196	2.844	2.847	(0.868)	7503	1.25711	314(a)
	36 2,4,5-Trichlorphenol	196	2.876	2.879	(0.877)	7835	1.28903	322(a)
$	37 2-Fluorobiphenyl	172	2.887	2.890	(0.881)	14377	0.81726	204(a)
	38 2-Chloronaphthalene	162	2.944	2.947	(0.898)	22586	1.42968	357(aM)
	39 2-Nitroaniline	138	3.026	3.029	(0.923)	6838	1.38352	346(a)
	40 Dimethylphthalate	163	3.148	3.154	(0.960)	26367	1.58264	396(aM)
	41 2,6-Dinitrotoluene	165	3.177	3.182	(0.969)	113114	27.9957	7000(R)
	42 Acenaphthylene	152	3.188	3.194	(0.972)	38280	1.52111	380(a)
	43 3-Nitroaniline	138	3.279	3.282	(1.000)	4944	1.30780	327(a)
*	44 Acenaphthene-d10	164	3.279	3.282	(1.000)	513261	40.0000	
	45 Acenaphthene +	153	3.296	3.301	(1.005)	23996	1.50631	377(a)
	49 4-Nitrophenol ++	109	3.423	3.435	(1.044)	1644	0.40844	102(a)
	47 Dibenzofuran	168	3.404	3.409	(1.038)	34839	1.49488	374(a)
	48 2,4-Dinitrotoluene	165	3.423	3.424	(1.044)	519213	92.3218	23100(R)
	50 Diethylphthalate	149	3.577	3.585	(1.091)	26306	1.66898	417(a)
	52 4-Chlorophenyl-phenylether	204	3.625	3.631	(1.106)	14558	1.66013	415(a)
	51 Fluorene	166	3.611	3.614	(1.101)	27343	1.47392	368(aM)
	53 4-Nitroaniline	138	3.648	3.653	(1.113)	5181	1.37649	344(a)
	54 4,6-Dinitro-o-cresol	198	3.665	3.670	(0.879)	3557	0.93335	233(aRM)
	55 N-nitrosodiphenylamine (1)+	169	3.699	3.707	(0.887)	19995	1.80073	450(a)
	56 Azobenzene	77	3.719	3.724	(0.892)	54692	1.66722	417(a)
$	57 2,4,6-Tribromophenol	332	3.764	3.764	(1.148)	3242	1.26002	315(a)
	58 4-Bromophenyl-phenylether	248	3.917	3.920	(0.939)	7501	1.74069	435(a)
	59 Hexachlorobenzene	284	3.943	3.949	(0.946)	10064	1.71876	430(a)
	60 Pentachlorophenol +	266	4.082	4.082	(0.979)	4138	1.20224	301(a)
*	61 Phenanthrene-d10	188	4.170	4.176	(1.000)	777415	40.0000	
	62 Phenanthrene	178	4.184	4.190	(1.003)	38958	1.57417	394(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	63 Anthracene	178	4.215	4.221	(1.011)	38937	1.59272	398(a)
	64 Carbazole	167	4.329	4.335	(1.038)	32326	1.67790	419(a)
	65 Di-n-butylphthalate	149	4.576	4.579	(1.097)	36392	1.62661	407(a)
	67 Fluoranthene +	202	4.902	4.905	(1.176)	36813	1.55398	388(a)
	68 Benzidine	184	5.115	5.013	(0.874)	52	0.35018	87.5(a)
	69 Pyrene	202	5.036	5.038	(0.860)	37080	1.37851	345(a)
$	70 Terphenyl-d14	244	5.160	5.163	(0.882)	14475	0.77852	195(a)
	71 Butylbenzylphthalate	149	5.510	5.512	(0.941)	16305	1.55661	389(a)
	73 3,3'-Dichlorobenzidine	252	5.856	5.862	(1.000)	10704	1.39766	349(a)
	72 Benzo(a)anthracene	228	5.844	5.850	(0.999)	36703	1.40667	352(a)
*	74 Chrysene-d12	240	5.853	5.859	(1.000)	801513	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.949	5.955	(1.016)	20797	2.19754	549(a)
	75 Chrysene	228	5.867	5.879	(1.002)	41869	1.52976	382(a)
	77 Di-n-octylphthalate +	149	6.441	6.449	(1.100)	22960	1.00500	251(aR)
	78 Benzo(b)fluoranthene	252	6.631	6.642	(0.959)	26706	2.17854	545(a)
	79 Benzo(k)fluoranthene	252	6.651	6.665	(0.962)	30786	0.65868	165(aR)
	80 Benzo(a)pyrene +	252	6.861	6.875	(0.993)	13383	0.66514	166(aRH)
*	81 Perylene-d12	264	6.912	6.915	(1.000)	764160	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.627	7.647	(1.303)	10157	2.16050	540(aH)
	83 Dibenzo(a,h)anthracene	278	7.650	7.667	(1.107)	14936	3.82222	956(aR)
	84 Benzo(g,h,i)perylene	276	7.792	7.814	(1.127)	29229	0.94897	237(a)
M	66 Total Methylphenol	108				34733	2.57521	644(a)
	91 Acetophenone	105	1.664	1.669	(1.216)	30507	1.62645	407(a)
	155 Benzaldehyde	77	1.039	1.034	(0.759)	14209	3.02798	757(aR)
	156 Caprolactam	113	2.484	2.521	(1.126)	1360	0.39743	99.4(a)
	157 Biphenyl	154	2.941	2.944	(1.333)	28362	1.64984	412(a)
	158 Atrazine	200	4.042	4.054	(0.969)	5674	1.44327	361(a)
	174 1,4-Dioxane	88	0.361	0.327	(0.264)	983	0.72219	181(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /var/chem/MSSV3.i/2060724.s.b/b2861.d

Date : 24-JUL-2006 14:52

Client ID: 20607174902

Sample Info: 392712*0042*

Volume Injected (uL): 1.0

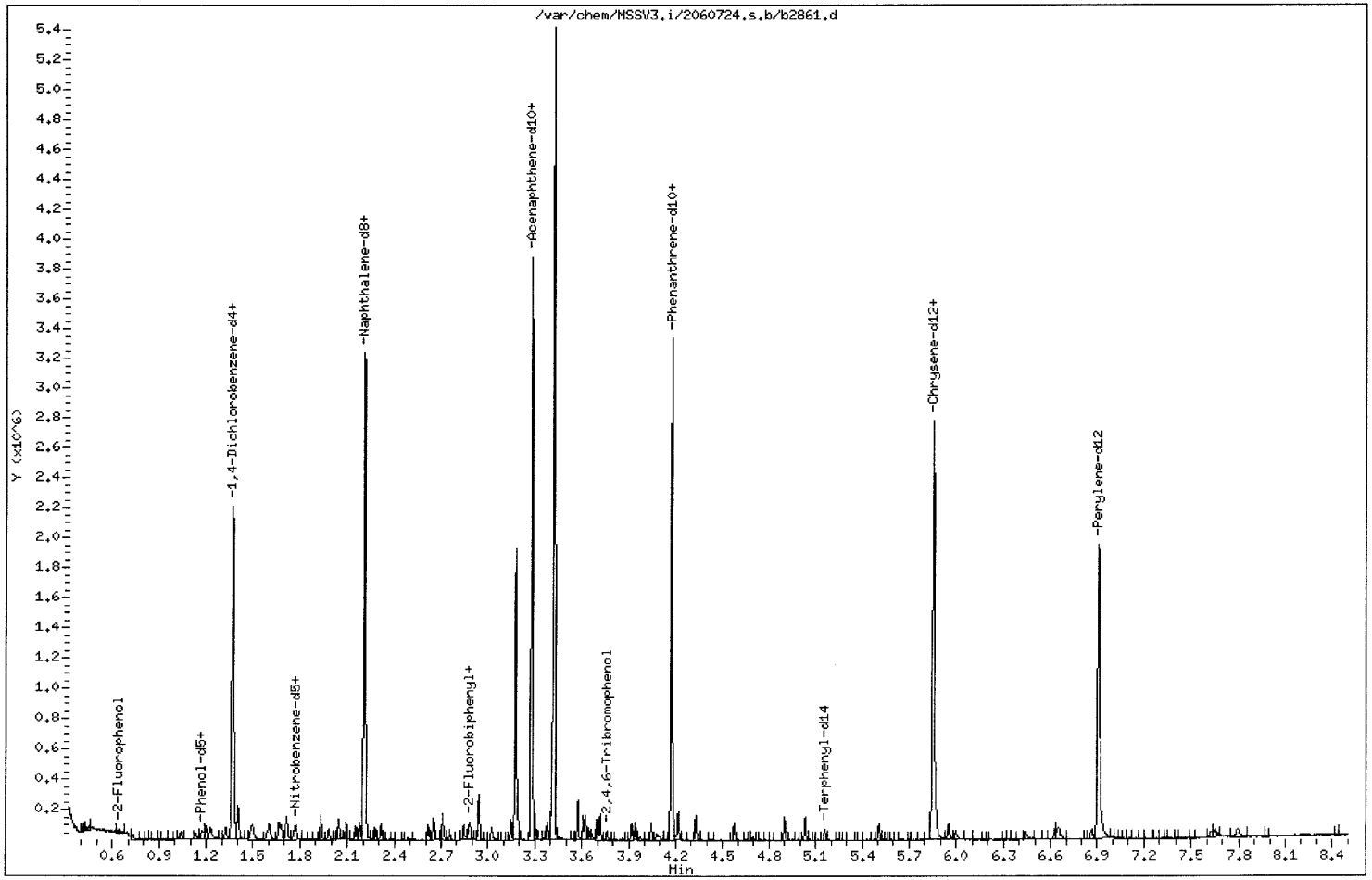
Column phase: RTX-5MS-30M

Page 1

Instrument: MSSV3.i

Operator: jar3

Column diameter: 0.25



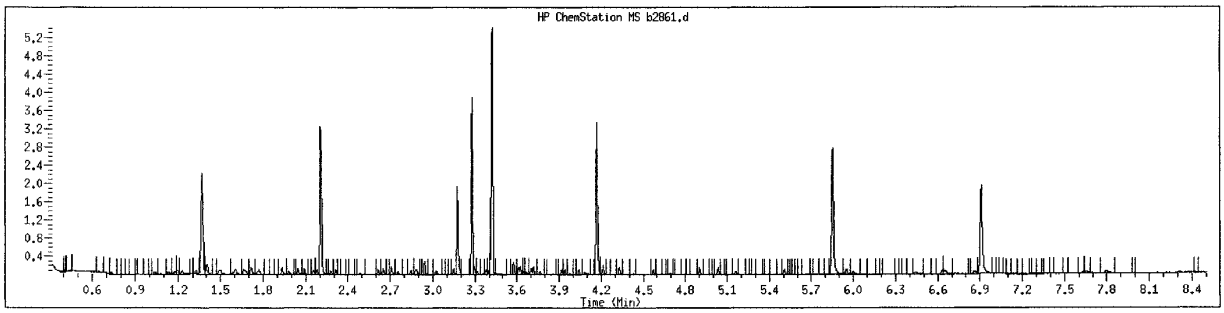
001225

189197

Data file : /var/chem/MSSV3.i/2060724.s.b/b2861.d Page: 1
Report Date: 07/24/2006 15:55

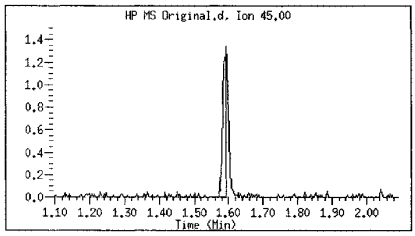
MANUAL INTEGRATION GRAPHIC REPORT

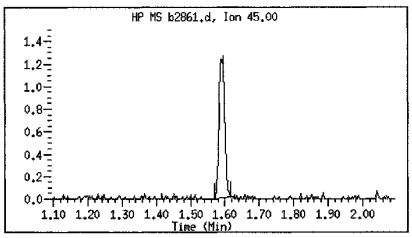
Lab ID	: 392712	SampleType	: MS
Injection Date	: 24-JUL-2006 14:52	Instrument	: MSSV3.i
Operator	: jar3		
Sample Info	: 392712*0042*		
Misc Info	: 20607174902*MSSV~3842~*071749*200-X50*328467*		
Method	: /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m		
Dilution	: 50.0		
Matrix	: WATER		
Integrator	: HP RTE	Compound Sublist	: SA8270



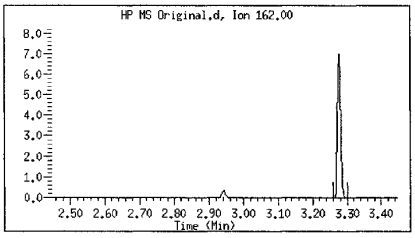
Original Final

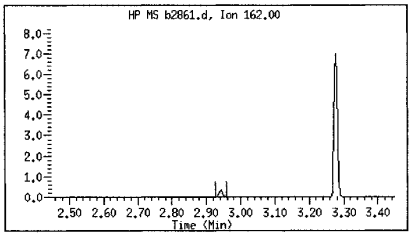
14 Bis(2-chloroisopropyl)ether CAS#: 108-60-1





38 2-Chloronaphthalene CAS#: 91-58-7

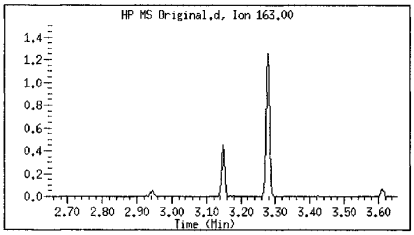


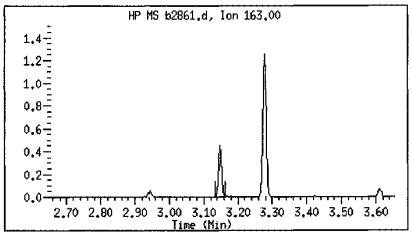


189198

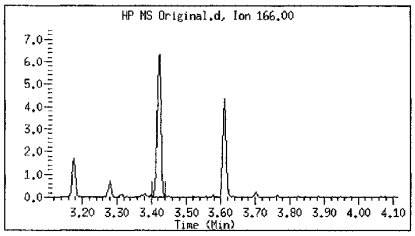
Original Final

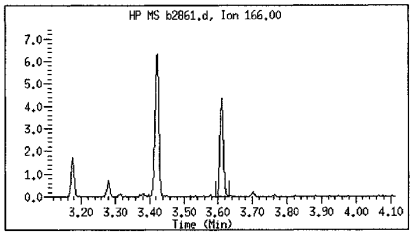
40 Dimethylphthalate CAS#: 131-11-3



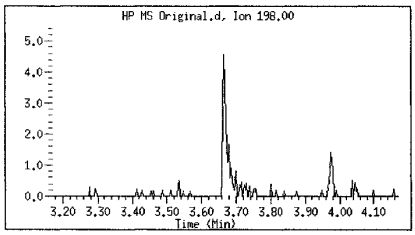


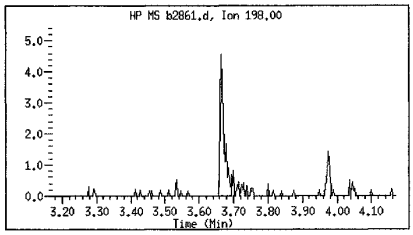
51 Fluorene CAS#: 86-73-7



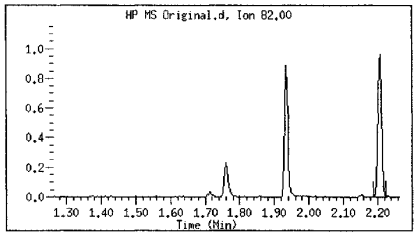


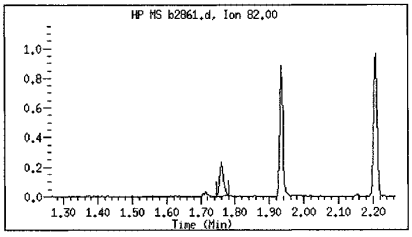
54 4,6-Dinitro-o-cresol CAS#: 534-52-1





$ 19 Nitrobenzene-d5 CAS#: 4165-60-0





1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 30.4 Units: g

Level: (low/med) LOW

% Moisture: 24.6 decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)MSD

Contract:

Lab File ID: 2060722/B2688

Lab Sample ID: 20607200604

Date Collected: 07/18/06 Time: 1625

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/22/06 Time: 2246

Dilution Factor: 5 Analyst: RRR

Prep Method: 3550B

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
122-66-7	1,2 Diphenylhydrazine	3910		46.8	2160
95-95-4	2,4,5-Trichlorophenol	3500		43.9	2160
88-06-2	2,4,6-Trichlorophenol	3590		97.0	2160
120-83-2	2,4-Dichlorophenol	3420		56.3	2160
51-28-5	2,4-Dinitrophenol	1340	J	370	10900
121-14-2	2,4-Dinitrotoluene	3630		97.1	2160
606-20-2	2,6-Dinitrotoluene	4020		52.3	2160
91-58-7	2-Chloronaphthalene	3830		58.4	2160
95-57-8	2-Chlorophenol	3260		34.5	2160
91-57-6	2-Methylnaphthalene	3580		61.2	432
88-74-4	2-Nitroaniline	4100	J	142	10900
88-75-5	2-Nitrophenol	3430		86.0	2160
91-94-1	3,3'-Dichlorobenzidine	3860	J	271	4320
99-09-2	3-Nitroaniline	4110	J	59.5	10900
534-52-1	2-Methyl-4,6-dinitrophenol	1350	J	113	10900
59-50-7	4-Chloro-3-methylphenol	3720		86.6	2160
106-47-8	4-Chloroaniline	3860		190	2160
7005-72-3	4-Chlorophenyl-phenylether	4110		57.4	2160
83-32-9	Acenaphthene	3760		56.3	432
208-96-8	Acenaphthylene	3740		63.8	432
98-86-2	Acetophenone	4020		46.4	2160
62-53-3	Aniline	3250		41.9	2160
120-12-7	Anthracene	3840		61.8	432
1912-24-9	Atrazine (Aatrex)	4530		111	4320
100-52-7	Benzaldehyde	1440	J	165	4320
92-87-5	Benzidine	933	J	291	8630
56-55-3	Benzo(a)anthracene	4280		57.6	432
50-32-8	Benzo(a)pyrene	4860		57.2	432
205-99-2	Benzo(b)fluoranthene	4890		40.0	2160

FORM I SV-1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30.4 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)MSD
Contract:
Lab File ID: 2060722/B2688
Lab Sample ID: 20607200604
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/22/06 Time: 2246
Dilution Factor: 5 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328661

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
191-24-2	Benzo(g,h,i)perylene	2170		57.2	2160
207-08-9	Benzo(k)fluoranthene	4190		88.5	2160
65-85-0	Benzoic acid	1230	J	1010	10900
100-51-6	Benzyl alcohol	3630		63.8	2160
92-52-4	Biphenyl	4200		63.5	2160
111-91-1	Bis(2-Chloroethoxy)methane	3870		74.3	2160
111-44-4	Bis(2-Chloroethyl)ether	3720		67.2	2160
108-60-1	bis(2-Chloroisopropyl)ether	3340		83.9	2160
117-81-7	bis(2-ethylhexyl)phthalate	3550		58.2	432
101-55-3	4-Bromophenyl-phenylether	3740		52.7	2160
85-68-7	Butylbenzylphthalate	3130		70.7	2160
105-60-2	Caprolactam	4440		447	2160
86-74-8	Carbazole	4080		55.8	2160
218-01-9	Chrysene	3960		50.5	2160
84-74-2	Di-n-butylphthalate	4570		162	2160
117-84-0	Di-n-octylphthalate	4440		47.0	2160
53-70-3	Dibenz(a,h)anthracene	2760		54.6	432
132-64-9	Dibenzofuran	3660		80.1	2160
84-66-2	Diethylphthalate	4390		96.2	2160
131-11-3	Dimethyl-phthalate	4330		71.2	2160
105-67-9	2,4-Dimethylphenol	3800		146	2160
206-44-0	Fluoranthene	6230		63.5	2160
86-73-7	Fluorene	3900		55.5	432
118-74-1	Hexachlorobenzene	3420		69.5	2160
77-47-4	Hexachlorocyclopentadiene	826	J	46.8	2160
67-72-1	Hexachloroethane	2650		90.5	2160
193-39-5	Indeno(1,2,3-cd)pyrene	3180		91.7	2160
78-59-1	Isophorone	3950		55.0	2160
100-01-6	4-Nitroaniline	4370	J	156	10900

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 30.4 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

Sample ID: SF3SB45-090-(1-2)MSD
Contract:
Lab File ID: 2060722/B2688
Lab Sample ID: 20607200604
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/22/06 Time: 2246
Dilution Factor: 5 Analyst: RRR
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328412 Analytical Batch: 328661

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
98-95-3	Nitrobenzene	3670		81.0	2160
100-02-7	4-Nitrophenol	4490	J	284	10900
87-86-5	Pentachlorophenol	3080	J	562	10900
85-01-8	Phenanthrene	4800		70.2	432
108-95-2	Phenol	3210		70.3	2160
129-00-0	Pyrene	3370		67.7	2160
110-86-1	Pyridine	3540		130	2160
1319-77-3M	m,p-Cresol	3840		80.2	2160
621-64-7	N-Nitroso-di-n-propylamine	4330		58.4	432
62-75-9	N-Nitrosodimethylamine	4670		282	2160
86-30-6	N-Nitrosodiphenylamine	3840		64.4	2160
95-48-7	o-Cresol	3450		87.9	2160

FORM I SV-1

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060722.s.b/b2688.d
Lab Smp Id: 20607200604 Client Smp ID: 20607200604
Inj Date : 22-JUL-2006 22:46
Operator : rrr Inst ID: MSSV3.i
Smp Info : 20607200604*4482*
Misc Info : 20607200604*MSSV~3839~*072006*30.4-1X5*328412
Comment :
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Meth Date : 23-Jul-2006 09:34 rrr Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 36 QC Sample: MSD
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula:
Amt * DF * (Uf * Vt/(Vi * Ws * (100 - M)/100)) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weigth of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	2 Pyridine	79	0.375	0.375	(0.271)	36627	16.2593	2670
	1 n-Nitrosodimethylamine	42	0.370	0.369	(0.267)	11937	21.4040	3520
$	3 2-Fluorophenol	112	0.648	0.648	(0.468)	50796	23.0457	3790(R)
$	4 Phenol-d5	99	1.179	1.181	(0.852)	203060	18.3181	3010
	5 Aniline	93	1.144	1.150	(0.828)	214484	14.9078	2450
	6 Phenol +	94	1.190	1.195	(0.860)	234489	14.7000	2420
	7 bis(-2-Chloroethyl)Ether	63	1.207	1.218	(0.873)	133050	17.0963	2810
	8 2-Chlorophenol	128	1.241	1.244	(0.897)	92334	14.9605	2460
	9 1,3-Dichlorobenzene	146	1.337	1.340	(0.967)	86921	12.6205	2080
*	10 1,4-Dichlorobenzene-d4	152	1.383	1.386	(1.000)	148763	40.0000	
	11 1,4-Dichlorobenzene +	146	1.397	1.397	(1.010)	87519	12.8217	2110

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	12 Benzyl alcohol	108	1.511	1.516	(1.092)	102782	16.6364	2740
	13 1,2-Dichlorobenzene	146	1.499	1.502	(1.084)	88566	13.4898	2220
	15 2-Methylphenol	108	1.618	1.621	(1.170)	145598	15.8166	2600
	14 Bis(2-chloroisopropyl)ether	45	1.601	1.604	(1.158)	89791	15.3278	2520
	17 3- & 4-Methylphenol	108	1.726	1.732	(1.248)	142759	17.6433	2900
	16 N-Nitroso-di-n-propylamine++	70	1.692	1.701	(1.224)	167878	19.8638	3270
	18 Hexachloroethane	117	1.726	1.726	(1.248)	42847	12.1489	2000
$	19 Nitrobenzene-d5	82	1.772	1.777	(0.798)	117094	8.62476	1420
	20 Nitrobenzene	77	1.783	1.789	(0.803)	226441	16.8256	2770
	21 Isophorone	82	1.945	1.953	(0.876)	438684	18.1314	2980
	22 2-Nitrophenol +	139	1.990	1.993	(0.896)	51081	15.7395	2590
	23 2,4-Dimethyphenol	107	2.058	2.064	(0.927)	167671	17.4549	2870
	24 bis(-2-Chloroethoxy)methane	93	2.104	2.109	(0.948)	235322	17.7513	2920
	25 Benzoic Acid	122	2.169	2.189	(0.977)	16343	5.65540	930
	26 2,4-Dichlorophenol +	162	2.163	2.163	(0.974)	78278	15.6591	2580
	27 1,2,4-Trichlorobenzene	180	2.192	2.195	(0.987)	85460	15.3801	2530
*	28 Naphthalene-d8	136	2.220	2.223	(1.000)	553073	40.0000	
	29 Naphthalene	128	2.232	2.237	(1.005)	266476	16.6821	2740
	30 4-Chloroaniline	127	2.288	2.291	(1.031)	99453	17.6733	2910
	31 Hexachlorobutadiene +	225	2.325	2.328	(1.047)	62725	15.3670	2530
	32 4-Chloro-3-Methylphenol +	107	2.626	2.629	(1.183)	134219	17.0770	2810
	33 2-Methylnaphthalene	142	2.663	2.666	(1.199)	169653	16.4257	2700
	145 1-Methylnapthalene	142	2.720	2.722	(1.225)	155796	18.3530	3020
	34 Hexachlorocyclopentadiene ++	237	2.765	2.768	(0.840)	16211	3.79011	623(R)
	35 2,4,6-Trichlorophenol +	196	2.856	2.859	(0.868)	61916	16.4877	2710
	36 2,4,5-Trichlorphenol	196	2.884	2.887	(0.877)	61436	16.0644	2640
$	37 2-Fluorobiphenyl	172	2.898	2.901	(0.881)	100179	9.05077	1490
	38 2-Chloronaphthalene	162	2.955	2.958	(0.898)	174519	17.5570	2890
	39 2-Nitroaniline	138	3.035	3.037	(0.922)	58365	18.7683	3090
	40 Dimethylphthalate	163	3.160	3.165	(0.960)	208363	19.8770	3270(M)
	41 2,6-Dinitrotoluene	165	3.188	3.194	(0.969)	46794	18.4070	3030
	42 Acenaphthylene	152	3.202	3.205	(0.973)	271859	17.1691	2820
	43 3-Nitroaniline	138	3.287	3.293	(0.999)	44792	18.8313	3100
*	44 Acenaphthene-d10	164	3.290	3.293	(1.000)	322940	40.0000	
	45 Acenaphthene +	153	3.310	3.313	(1.006)	172869	17.2468	2840
	46 2,4-Dinitrophenol ++	184	3.353	3.355	(1.019)	6605	6.13396	1010
	49 4-Nitrophenol ++	109	3.446	3.443	(1.047)	52143	20.5891	3390
	47 Dibenzofuran	168	3.415	3.418	(1.038)	246382	16.8022	2760
	48 2,4-Dinitrotoluene	165	3.429	3.432	(1.042)	58894	16.6435	2740
	50 Diethylphthalate	149	3.591	3.594	(1.091)	199725	20.1393	3310
	52 4-Chlorophenyl-phenylether	204	3.636	3.639	(1.105)	103892	18.8295	3100
	51 Fluorene	166	3.619	3.622	(1.100)	208496	17.8619	2940
	53 4-Nitroaniline	138	3.656	3.665	(1.111)	47449	20.0357	3300
	54 4,6-Dinitro-o-cresol	198	3.670	3.679	(0.878)	16717	6.21586	1020(R)
	55 N-nitrosodiphenylamine (1)+	169	3.713	3.716	(0.888)	138221	17.6438	2900
	56 Azobenzene	77	3.730	3.733	(0.892)	414923	17.9278	2950
$	57 2,4,6-Tribromophenol	332	3.773	3.775	(1.147)	32307	19.9562	3280

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/Kg)
	58 4-Bromophenyl-phenylether	248	3.929	3.932	(0.940)	52201	17.1700	2820
	59 Hexachlorobenzene	284	3.954	3.957	(0.946)	64800	15.6859	2580
	60 Pentachlorophenol +	266	4.088	4.090	(0.978)	34249	14.1039	2320
*	61 Phenanthrene-d10	188	4.181	4.184	(1.000)	548483	40.0000	
	62 Phenanthrene	178	4.196	4.198	(1.003)	384781	22.0372	3620(R)
	63 Anthracene	178	4.227	4.230	(1.011)	303829	17.6155	2900
	64 Carbazole	167	4.340	4.343	(1.038)	254298	18.7088	3080
	65 Di-n-butylphthalate	149	4.584	4.584	(1.096)	331196	20.9823	3450
	67 Fluoranthene +	202	4.914	4.914	(1.175)	477227	28.5534	4700(R)
	68 Benzidine	184	5.021	5.019	(0.855)	38017	4.28060	704
	69 Pyrene	202	5.047	5.047	(0.859)	459415	15.4162	2540
$	70 Terphenyl-d14	244	5.172	5.172	(0.881)	108431	5.26386	866
	71 Butylbenzylphthalate	149	5.521	5.521	(0.940)	166845	14.3772	2360
	73 3,3'-Dichlorobenzidine	252	5.873	5.870	(1.000)	149885	17.6650	2910
	72 Benzo(a)anthracene	228	5.864	5.859	(0.999)	568029	19.6500	3230
*	74 Chrysene-d12	240	5.873	5.867	(1.000)	887991	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.967	5.961	(1.016)	253436	16.2997	2680
	75 Chrysene	228	5.890	5.887	(1.003)	551058	18.1731	2990
	77 Di-n-octylphthalate +	149	6.463	6.455	(1.101)	515438	20.3645	3350
	78 Benzo(b)fluoranthene	252	6.665	6.648	(0.960)	692325	22.4203	3690(R)
	79 Benzo(k)fluoranthene	252	6.682	6.670	(0.962)	832106	19.2157	3160
	80 Benzo(a)pyrene +	252	6.898	6.880	(0.993)	654567	22.2999	3670(R)
*	81 Perylene-d12	264	6.943	6.920	(1.000)	1114794	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.672	7.650	(1.306)	447620	14.6022	2400
	83 Dibenzo(a,h)anthracene	278	7.695	7.672	(1.108)	332254	12.6428	2080
	84 Benzo(g,h,i)perylene	276	7.843	7.817	(1.130)	347121	9.98594	1640
M	66 Total Methylphenol	108				288357	34.5707	5690
	91 Acetophenone	105	1.675	1.686	(1.211)	214032	18.4513	3030
	155 Benzaldehyde	77	1.048	1.051	(0.758)	95720	6.62183	1090
	156 Caprolactam	113	2.504	2.538	(1.128)	44313	20.3665	3350
	157 Biphenyl	154	2.952	2.955	(1.330)	210630	19.2701	3170
	158 Atrazine	200	4.056	4.062	(0.970)	57620	20.7741	3420
	174 1,4-Dioxane	88	0.330	0.330	(0.239)	12228	14.5265	2390

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /var/chem/MSSV3.i/2060722.s.b/b2688.d

Page 1

Date : 22-JUL-2006 22:46

Client ID: 20607200604

Instrument: MSSV3.i

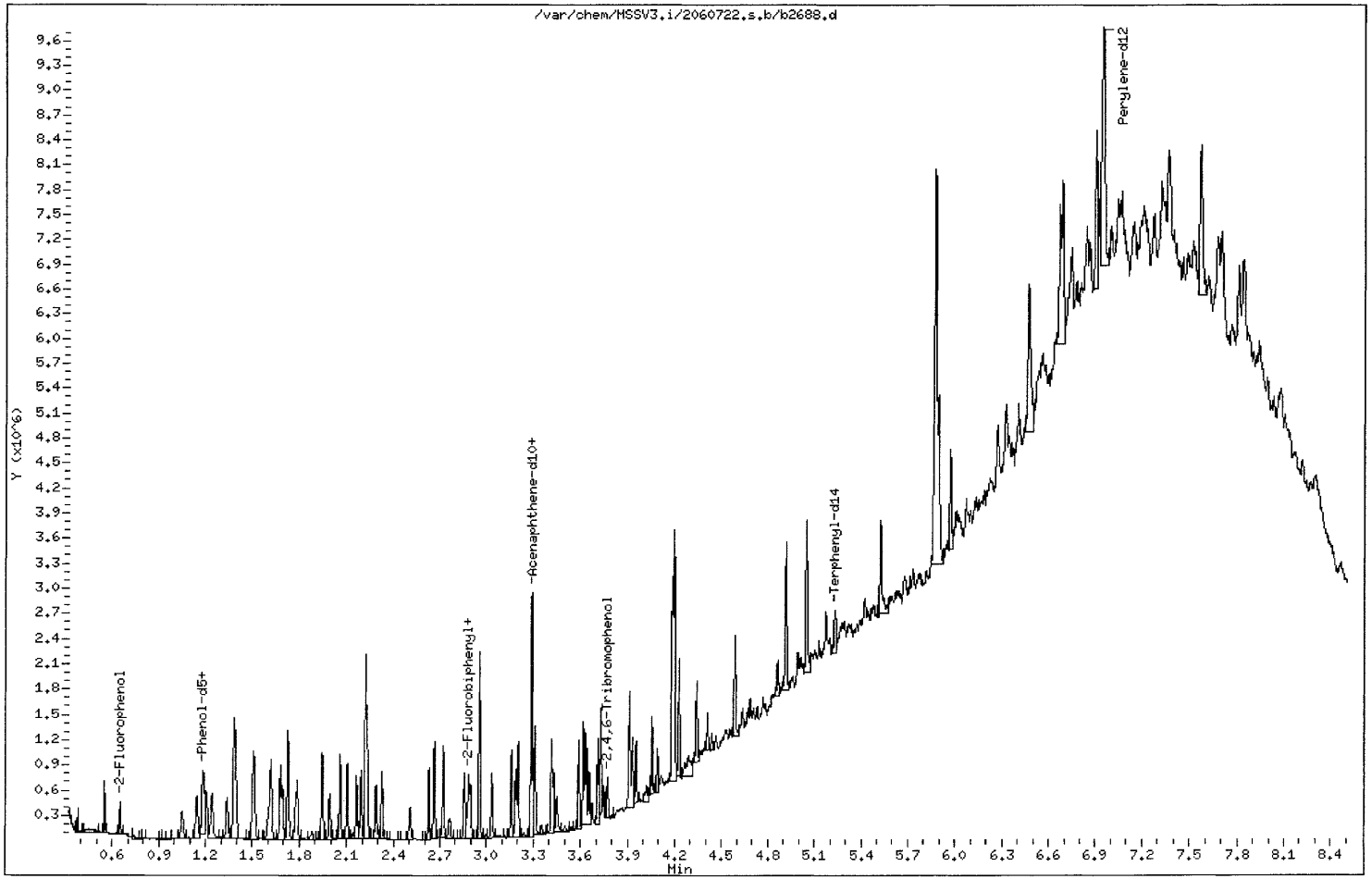
Sample Info: 20607200604*4482*

Volume Injected (uL): 1.0

Operator: rrr

Column phase: RTX-5MS-30M

Column diameter: 0.25



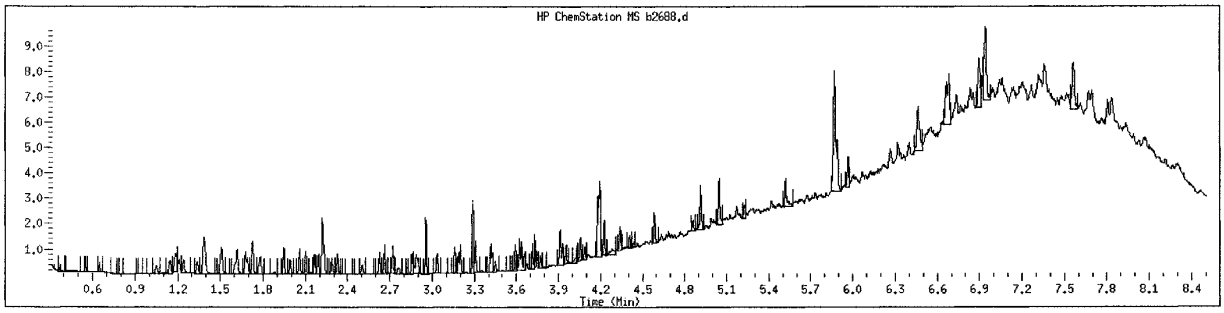
001234

189206

Data file : /var/chem/MSSV3.i/2060722.s.b/b2688.d Page: 1
Report Date: 07/23/2006 11:00

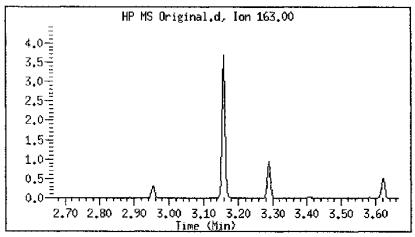
MANUAL INTEGRATION GRAPHIC REPORT

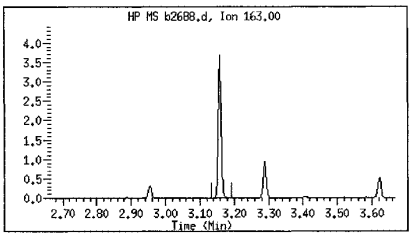
Lab ID : 20607200604 SampleType : MSD
Injection Date: 22-JUL-2006 22:46 Instrument : MSSV3.i
Operator : rrr
Sample Info : 20607200604*4482*
Misc Info : 20607200604*MSSV~3839~*072006*30.4-1X5*328412
Method : /var/chem/MSSV3.i/2060722.s.b/8270CE_03.m
Dilution : 5.0
Matrix : SOIL
Integrator : HP RTE Compound Sublist: SA8270



Original Final

40 Dimethylphthalate CAS#: 131-11-3





1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Matrix: Soil
Sample wt/vol: 200 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-5MS-30 ID: .25 (mm)
Concentrated Extract Volume: 1000 (µL)
Injection Volume: 1.0 (µL)
GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: DNT DEBRIS (TCLP)MSD
Contract:
Lab File ID: 2060724/B2862
Lab Sample ID: 392713
Date Collected: 07/14/06 Time: 0714
Date Received: 07/17/06
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 1507
Dilution Factor: 50 Analyst: JAR3
Prep Method: 3510C
Analytical Method: SW-846 8270
Instrument ID: MSSV3
Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
208-96-8	Acenaphthylene	397	J	64.4	2500
120-12-7	Anthracene	436	J	87.6	500
56-55-3	Benzo(a)anthracene	386	J	51.4	2500
92-87-5	Benzidine	10000	U	1800	10000
205-99-2	Benzo(b)fluoranthene	540	J	61.0	2500
207-08-9	Benzo(k)fluoranthene	188	J	69.6	2500
191-24-2	Benzo(g,h,i)perylene	255	J	49.8	2500
50-32-8	Benzo(a)pyrene	300	J	32.5	2500
65-85-0	Benzoic acid	12500	U	250	12500
85-68-7	Butylbenzylphthalate	370	J	88.9	2500
111-91-1	Bis(2-Chloroethoxy)methane	395	J	47.9	2500
111-44-4	Bis(2-Chloroethyl)ether	344	J	89.3	2500
108-60-1	bis(2-Chloroisopropyl)ether	330	J	70.7	2500
117-81-7	bis(2-ethylhexyl)phthalate	584	J	146	2500
101-55-3	4-Bromophenyl-phenylether	406	J	98.2	2500
86-74-8	Carbazole	424	J	53.5	2500
7005-72-3	4-Chlorophenyl-phenylether	435	J	88.7	2500
218-01-9	Chrysene	381	J	77.8	2500
53-70-3	Dibenz(a,h)anthracene	967	J	71.9	2500
132-64-9	Dibenzofuran	366	J	56.9	2500
91-94-1	3,3'-Dichlorobenzidine	393	J	76.8	5000
120-83-2	2,4-Dichlorophenol	324	J	73.0	2500
84-66-2	Diethylphthalate	525	J	85.6	2500
105-67-9	2,4-Dimethylphenol	2500	U	1500	2500
131-11-3	Dimethyl-phthalate	443	J	51.4	2500
117-84-0	Di-n-octylphthalate	287	J	84.3	2500
51-28-5	2,4-Dinitrophenol	12500	U	544	12500
606-20-2	2,6-Dinitrotoluene	7590		88.5	2500
206-44-0	Fluoranthene	390	J	57.8	500

FORM I SV-1

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Matrix: Soil

Sample wt/vol: 200 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: DNT DEBRIS (TCLP)MSD

Contract:

Lab File ID: 2060724/B2862

Lab Sample ID: 392713

Date Collected: 07/14/06 Time: 0714

Date Received: 07/17/06

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 1507

Dilution Factor: 50 Analyst: JAR3

Prep Method: 3510C

Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-73-7	Fluorene	393	J	57.6	2500
118-74-1	Hexachlorobenzene	395	J	72.6	2500
77-47-4	Hexachlorocyclopentadiene	2500	U	463	2500
67-72-1	Hexachloroethane	1250	U	363	1250
78-59-1	Isophorone	387	J	67.7	2500
193-39-5	Indeno(1,2,3-cd)pyrene	608	J	60.0	2500
91-57-6	2-Methylnaphthalene	336	J	54.0	2500
95-48-7	o-Cresol	308	J	60.1	2500
98-95-3	Nitrobenzene	374	J	56.6	2500
88-75-5	2-Nitrophenol	334	J	94.5	2500
62-75-9	N-Nitrosodimethylamine	300	J	284	2500
86-30-6	N-Nitrosodiphenylamine	447	J	67.5	2500
85-01-8	Phenanthrene	411	J	47.7	500
95-95-4	2,4,5-Trichlorophenol	347	J	93.2	2500
88-06-2	2,4,6-Trichlorophenol	349	J	105	2500
100-51-6	Benzyl alcohol	272	J	66.2	2500
62-53-3	Aniline	184	J	85.0	2500
110-86-1	Pyridine	2500	U	912	2500
105-60-2	Caprolactam	2500	U	77.3	2500
98-86-2	Acetophenone	396	J	99.3	2500
99-09-2	3-Nitroaniline	343	J	73.4	12500
100-01-6	4-Nitroaniline	443	J	205	12500
84-74-2	Di-n-butylphthalate	439	J	184	1250
122-66-7	1,2 Diphenylhydrazine	403	J	50.9	2500
88-74-4	2-Nitroaniline	376	J	245	12500
91-58-7	2-Chloronaphthalene	386	J	81.6	2500
106-47-8	4-Chloroaniline	351	J	85.2	2500
1912-24-9	Atrazine (Aatrex)	433	J	118	5000
100-52-7	Benzaldehyde	774	J	117	5000

1B

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CONCENTRATION UNITS: *ug/L*

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Analytical Method: SW-846 8270

Instrument ID: MSSV3

Prep Batch: 328467 Analytical Batch: 328664

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
92-52-4	Biphenyl	434	J	44.1	2500
1319-77-3M	m,p-Cresol	283	J	233	2500
534-52-1	2-Methyl-4,6-dinitrophenol	302	J	190	12500
108-95-2	Phenol	154	J	33.0	2500
95-57-8	2-Chlorophenol	307	J	80.3	2500
621-64-7	N-Nitroso-di-n-propylamine	405	J	61.4	2500
59-50-7	4-Chloro-3-methylphenol	309	J	70.9	2500
83-32-9	Acenaphthene	363	J	54.8	2500
100-02-7	4-Nitrophenol	12500	U	438	12500
121-14-2	2,4-Dinitrotoluene	25000		100	2500
87-86-5	Pentachlorophenol	12500	U	467	12500
129-00-0	Pyrene	350	J	58.4	500

FORM I SV-1

GCAL, Inc.

BNA QUANT AND RATIO REPORT

Data file : /var/chem/MSSV3.i/2060724.s.b/b2862.d
Lab Smp Id: 392713 Client Smp ID: 20607174902
Inj Date : 24-JUL-2006 15:07
Operator : jar3 Inst ID: MSSV3.i
Smp Info : 392713*0042*
Misc Info : 20607174902*MSSV~3842~*071749*200-1X50*328467
Comment :
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Meth Date : 24-Jul-2006 12:10 jar3 Quant Type: ISTD
Cal Date : 20-JUL-2006 07:35 Cal File: b2539.d
Als bottle: 9 QC Sample: MSD
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: SA8270.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1000.00000	Volume of final extract (uL)
Vo	200.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
1 n-Nitrosodimethylamine	42	0.367	0.364	(0.268)	843	1.20038	300(a)
$ 3 2-Fluorophenol	112	0.642	0.639	(0.469)	2146	0.77318	193(a)
$ 4 Phenol-d5	99	1.170	1.164	(0.855)	9474	0.67870	170(a)
5 Aniline	93	1.136	1.133	(0.830)	13343	0.73648	184(a)
6 Phenol +	94	1.181	1.176	(0.863)	12379	0.61627	154(a)
7 bis(-2-Chloroethyl)Ether	63	1.195	1.201	(0.873)	13487	1.37623	344(a)
8 2-Chlorophenol	128	1.229	1.227	(0.898)	9554	1.22931	307(a)
9 1,3-Dichlorobenzene	146	1.323	1.326	(0.967)	10629	1.22556	306(a)
* 10 1,4-Dichlorobenzene-d4	152	1.369	1.371	(1.000)	187329	40.0000	
11 1,4-Dichlorobenzene +	146	1.383	1.383	(1.010)	10461	1.21704	304(a)
12 Benzyl alcohol	108	1.499	1.499	(1.095)	8473	1.08911	272(a)
13 1,2-Dichlorobenzene	146	1.488	1.488	(1.087)	9592	1.16021	290(a)
15 2-Methylphenol	108	1.607	1.607	(1.174)	14258	1.23001	308(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	14 Bis(2-chloroisopropyl)ether	45	1.593	1.593	(1.164)	9727	1.31860	330(a)
	17 3- & 4-Methylphenol	108	1.718	1.718	(1.255)	11534	1.13200	283(a)
	16 N-Nitroso-di-n-propylamine++	70	1.681	1.687	(1.228)	17259	1.62171	405(a)
	18 Hexachloroethane	117	1.715	1.715	(1.253)	4703	1.05896	265(a)
$	19 Nitrobenzene-d5	82	1.760	1.763	(0.797)	11463	0.70332	176(aM)
	20 Nitrobenzene	77	1.774	1.774	(0.803)	24192	1.49737	374(a)
	21 Isophorone	82	1.936	1.939	(0.877)	44949	1.54754	387(a)
	22 2-Nitrophenol +	139	1.982	1.982	(0.897)	5209	1.33699	334(a)
	23 2,4-Dimethyphenol	107	2.050	2.050	(0.928)	15434	1.33838	335(a)
	24 bis(-2-Chloroethoxy)methane	93	2.092	2.095	(0.947)	25157	1.58077	395(a)
	26 2,4-Dichlorophenol +	162	2.158	2.152	(0.977)	7767	1.29426	324(a)
	27 1,2,4-Trichlorobenzene	180	2.180	2.183	(0.987)	8781	1.31638	329(a)
*	28 Naphthalene-d8	136	2.209	2.212	(1.000)	663957	40.0000	
	29 Naphthalene	128	2.223	2.223	(1.006)	27065	1.41137	353(a)
	30 4-Chloroaniline	127	2.280	2.277	(1.032)	9476	1.40271	351(a)
	31 Hexachlorobutadiene +	225	2.316	2.317	(1.049)	5739	1.17119	293(a)
	32 4-Chloro-3-Methylphenol +	107	2.617	2.617	(1.185)	11680	1.23789	309(a)
	33 2-Methylnaphthalene	142	2.651	2.654	(1.200)	16672	1.34460	336(a)
	145 1-Methylnapthalene	142	2.711	2.711	(1.227)	16995	1.66769	417(a)
	34 Hexachlorocyclopentadiene ++	237	2.756	2.757	(0.840)	3472	0.69880	175(a)
	35 2,4,6-Trichlorophenol +	196	2.847	2.847	(0.868)	6096	1.39744	349(a)
	36 2,4,5-Trichlorphenol	196	2.878	2.879	(0.877)	6172	1.38931	347(a)
$	37 2-Fluorobiphenyl	172	2.887	2.890	(0.880)	11282	0.87746	219(a)
	38 2-Chloronaphthalene	162	2.944	2.947	(0.897)	17837	1.54483	386(aM)
	39 2-Nitroaniline	138	3.026	3.029	(0.922)	5434	1.50427	376(a)
	40 Dimethylphthalate	163	3.151	3.154	(0.960)	21557	1.77033	443(aM)
	41 2,6-Dinitrotoluene	165	3.176	3.182	(0.968)	89711	30.3787	7590(R)
	42 Acenaphthylene	152	3.191	3.194	(0.972)	29186	1.58676	397(a)
	43 3-Nitroaniline	138	3.281	3.282	(1.000)	3796	1.37385	343(a)
*	44 Acenaphthene-d10	164	3.281	3.282	(1.000)	375137	40.0000	
	45 Acenaphthene +	153	3.299	3.301	(1.005)	16924	1.45354	363(a)
	49 4-Nitrophenol ++	109	3.423	3.435	(1.043)	930	0.31612	79.0(a)
	47 Dibenzofuran	168	3.406	3.409	(1.038)	24947	1.46456	366(a)
	48 2,4-Dinitrotoluene	165	3.423	3.424	(1.043)	411510	100.112	25000(R)
	50 Diethylphthalate	149	3.579	3.585	(1.091)	24213	2.10181	525(a)
	52 4-Chlorophenyl-phenylether	204	3.628	3.631	(1.106)	11144	1.73872	435(a)
	51 Fluorene	166	3.611	3.614	(1.100)	21318	1.57221	393(aM)
	53 4-Nitroaniline	138	3.648	3.653	(1.112)	4875	1.77208	443(a)
	54 4,6-Dinitro-o-cresol	198	3.665	3.670	(0.878)	3695	1.20764	302(a)
	55 N-nitrosodiphenylamine (1)+	169	3.702	3.707	(0.887)	15936	1.78805	447(a)
	56 Azobenzene	77	3.721	3.724	(0.892)	42474	1.61311	403(a)
$	57 2,4,6-Tribromophenol	332	3.767	3.764	(1.148)	3138	1.66874	417(aM)
	58 4-Bromophenyl-phenylether	248	3.920	3.920	(0.939)	5612	1.62252	406(a)
	59 Hexachlorobenzene	284	3.943	3.949	(0.945)	7430	1.58090	395(a)
	60 Pentachlorophenol +	266	4.082	4.082	(0.978)	3130	1.13297	283(a)
*	61 Phenanthrene-d10	188	4.173	4.176	(1.000)	623995	40.0000	
	62 Phenanthrene	178	4.187	4.190	(1.003)	32656	1.64395	411(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm)	FINAL (ug/L)
	63 Anthracene	178	4.215	4.221	(1.010)	34195	1.74265	436(a)
	64 Carbazole	167	4.332	4.335	(1.038)	26202	1.69442	424(a)
	65 Di-n-butylphthalate	149	4.576	4.579	(1.097)	31513	1.75485	439(a)
	67 Fluoranthene +	202	4.905	4.905	(1.175)	29646	1.55912	390(a)
	68 Benzidine	184	5.019	5.013	(0.857)	891	0.44941	112(a)
	69 Pyrene	202	5.036	5.038	(0.860)	34040	1.39924	350(a)
$	70 Terphenyl-d14	244	5.163	5.163	(0.882)	13849	0.82357	206(a)
	71 Butylbenzylphthalate	149	5.510	5.512	(0.941)	14021	1.48004	370(a)
	73 3,3'-Dichlorobenzidine	252	5.859	5.862	(1.000)	10875	1.57006	393(a)
	72 Benzo(a)anthracene	228	5.850	5.850	(0.999)	36455	1.54483	386(a)
*	74 Chrysene-d12	240	5.856	5.859	(1.000)	724897	40.0000	
	76 bis(2-Ethylhexyl)phthalate	149	5.952	5.955	(1.016)	20704	2.33789	584(a)
	75 Chrysene	228	5.870	5.879	(1.002)	37735	1.52443	381(a)
	77 Di-n-octylphthalate +	149	6.443	6.449	(1.100)	23761	1.14999	287(a)
	78 Benzo(b)fluoranthene	252	6.633	6.642	(0.960)	23461	2.15856	540(a)
	79 Benzo(k)fluoranthene	252	6.653	6.665	(0.963)	29984	0.75258	188(aR)
	80 Benzo(a)pyrene +	252	6.863	6.875	(0.993)	21595	1.20150	300(aH)
*	81 Perylene-d12	264	6.912	6.915	(1.000)	682608	40.0000	
	82 Indeno(1,2,3-cd)pyrene	276	7.630	7.647	(1.303)	16970	2.43231	608(aH)
	83 Dibenzo(a,h)anthracene	278	7.652	7.667	(1.107)	14318	3.86751	967(aRH)
	84 Benzo(g,h,i)perylene	276	7.794	7.814	(1.128)	27547	1.01903	255(a)
M	66 Total Methylphenol	108				25792	2.45557	614(a)
	91 Acetophenone	105	1.667	1.669	(1.218)	23166	1.58595	396(a)
	155 Benzaldehyde	77	1.039	1.034	(0.759)	9748	3.09723	774(aR)
	157 Biphenyl	154	2.944	2.944	(1.333)	22805	1.73795	434(a)
	158 Atrazine	200	4.045	4.054	(0.969)	5467	1.73253	433(a)

QC Flag Legend

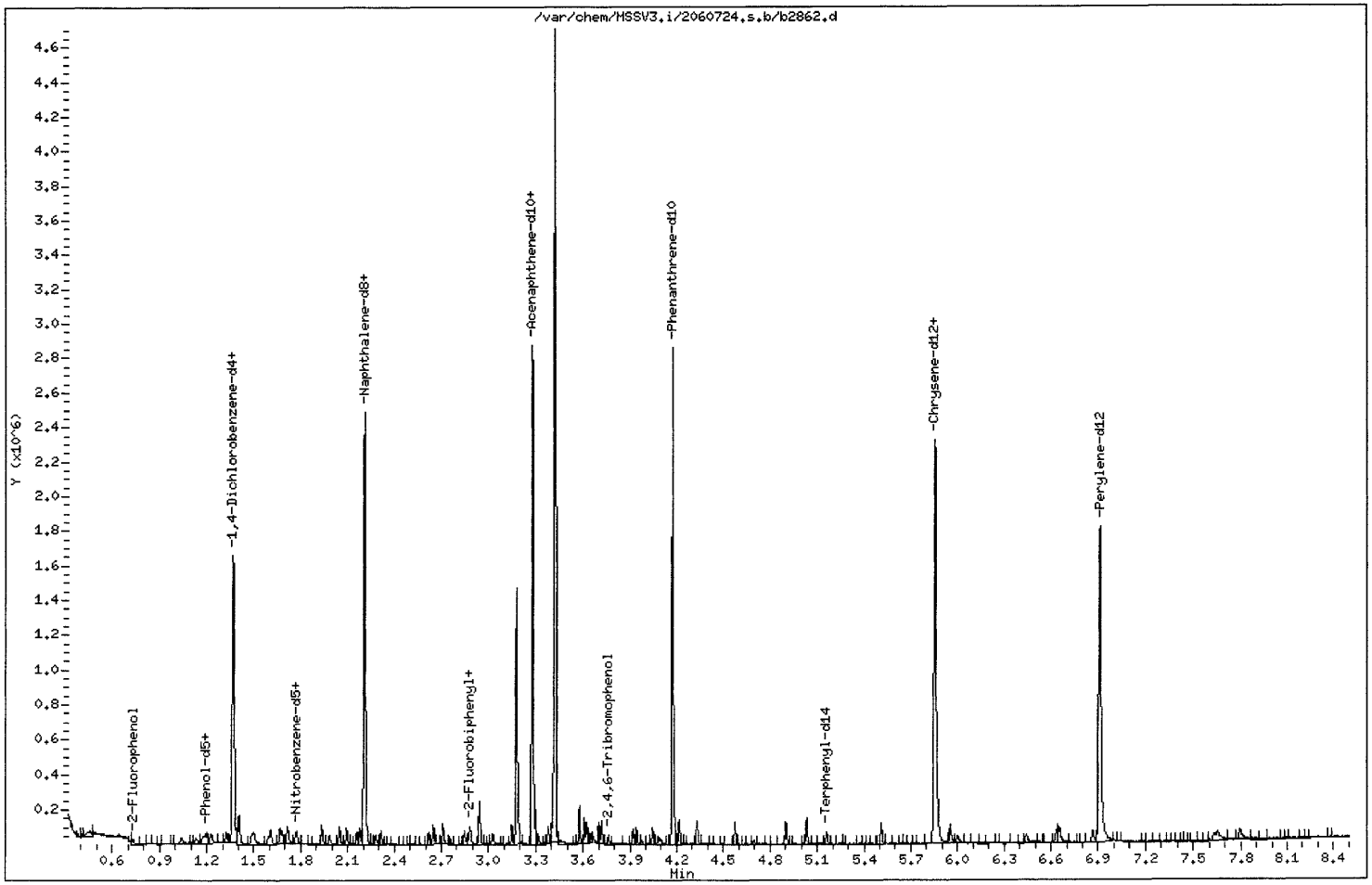
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

001242

Data File: /var/chem/MSSV3.i/2060724.s.b/b2862.d
Date : 24-JUL-2006 15:07
Client ID: 20607174902
Sample Info: 392713*0042*
Volume Injected (uL): 1.0
Column phase: RTX-5MS-30M

Instrument: MSSV3.i

Operator: jar3
Column diameter: 0.25

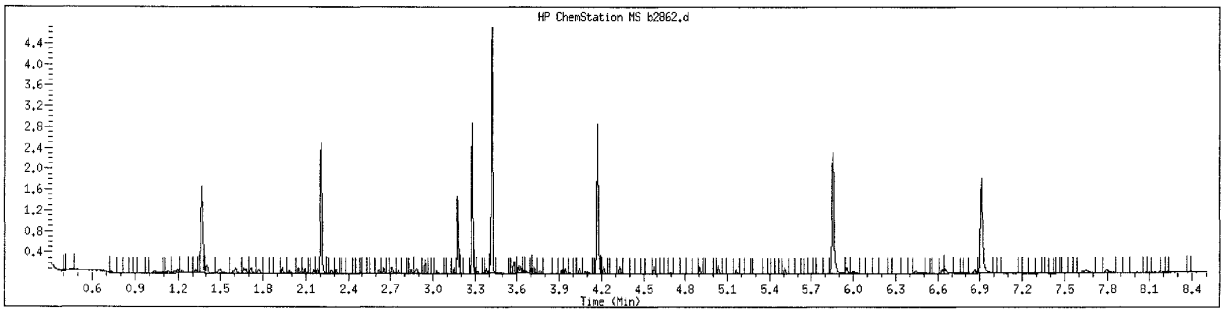


189214

Data file : /var/chem/MSSV3.i/2060724.s.b/b2862.d Page: 1
Report Date: 07/24/2006 15:56

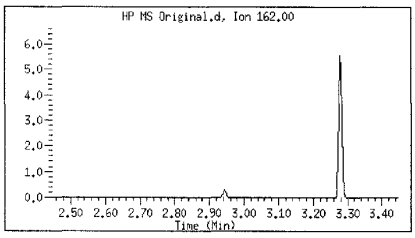
MANUAL INTEGRATION GRAPHIC REPORT

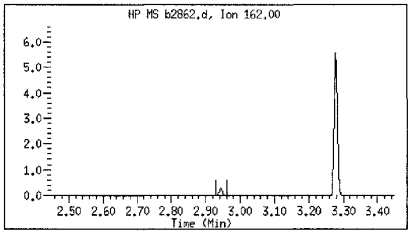
Lab ID : 392713 SampleType : MSD
Injection Date: 24-JUL-2006 15:07 Instrument : MSSV3.i
Operator : jar3
Sample Info : 392713*0042*
Misc Info : 20607174902*MSSV~3842~*071749*200-1X50*328467
Method : /var/chem/MSSV3.i/2060724.s.b/8270CE_03.m
Dilution : 50.0
Matrix : WATER
Integrator : HP RTE Compound Sublist: SA8270



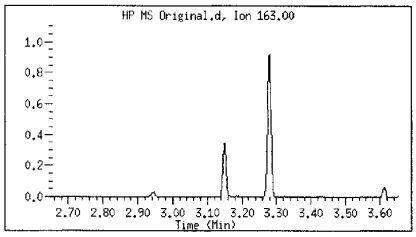
Original Final

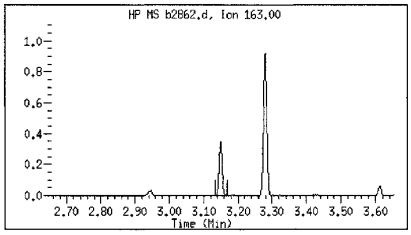
38 2-Chloronaphthalene CAS#: 91-58-7





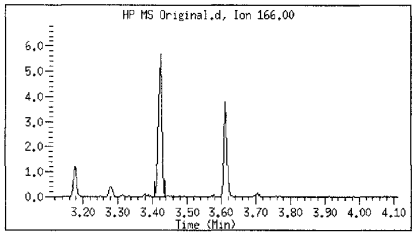
40 Dimethylphthalate CAS#: 131-11-3

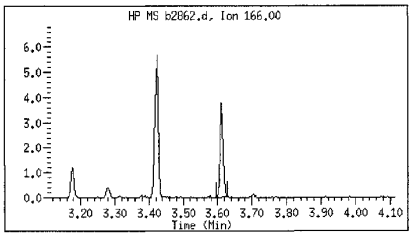




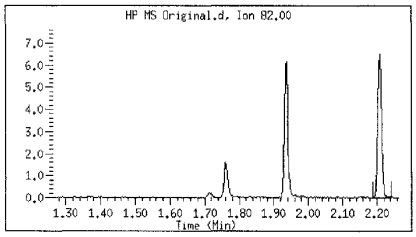
Original Final

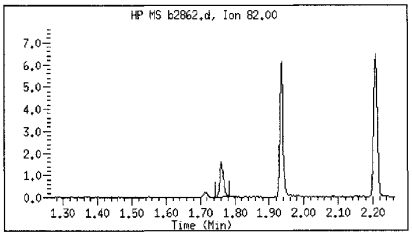
51 Fluorene CAS#: 86-73-7



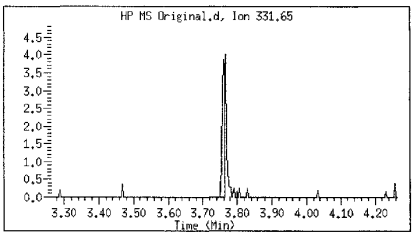


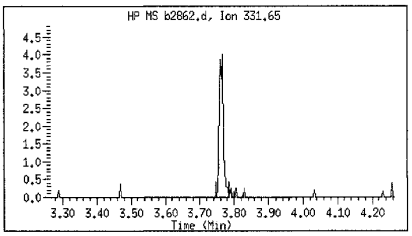
$ 19 Nitrobenzene-d5 CAS#: 4165-60-0





$ 57 2,4,6-Tribromophenol CAS#: 118-79-6





BASE NEUTRAL/ACID SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	7-20-06 20:00	BATCH NO:	328412
MATRIX:	WATER ☐ SOIL ☑ OTHER ☐	LEVEL:	LOW ☑ MEDIUM ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT mL g	FINAL VOLUME (mL)	BN pH	Acid pH	COMMENTS	METHOD
1	QC ACCOUNT	MB for HBN 328412 [EXTO/14239]	392365	30.0	1.0				LIQUID LIQUID/3520
2	QC ACCOUNT	LCS for HBN 328412 [EXTO/14239	392366	30.0	1.0				
3	QC ACCOUNT	LCSD for HBN 328412 [EXTO/1423	392367	30.0	1.0				SEPARATORY FUNNEL/3510
4	4482	SF3SB45-089-(0-0.5)	20607200601	30.0	1.0				
5	4482	SF3SB45-090-(1-2)	20607200602	30.4	1.0				SONICATOR/3550 ✓
6	4482	SF3SB45-090-(1-2)MS	20607200603	30.0	1.0				
7	4482	SF3SB45-090-(1-2)MSD	20607200604	30.4	1.0				SOXHLET/3540
8	4482	SI5SB74-147-(0-0.5)	20607200605	30.1	1.0				
9	4482	SI5SB74-148-(1-2)	20607200606	30.2	1.0				GPC CLEANUP/3640
10	4482	SH4SB64-128-(1-2)	20607200607	30.0	1.0				
11	4482	SH4SB64-127-(0-0.5)	20607200608	30.0	1.0				WASTE DILUTION/3580
12	4482	SF4SB46-091-(0-0.5)	20607200609	30.5	1.0				
13	4482	SF4SB46-092-(1-2)	20607200611	30.4	1.0				TCLP EXTRACTION FLUID 1
14	4482	SG4SB56-112-(1-2)	20607200612	30.1	1.0				
15	4482	SG4SB56-111-(0-0.5)	20607200613	30.0	1.0				TCLP EXTRACTION FLUID 2
16	4482	SE3SB39-077-(0-0.5)	20607200614	30.1	1.0				
17	4482	SE3SB39-078-(1-2)	20607200615	30.0	1.0				MECL2/Acetone No:
18	4482	SH5SB66-131-(0-0.5)	20607200616	30.3	1.0				C06E11
19	4482	SH5SB66-130-(1-2)	20607200617	30.5	1.0				ACETONE LOT NO:
20									
21									MeCL2 Lot No:
22									
23			7-22-6						Sodium Sulfate Lot No:
24				SUPA					B29465
25									
26									
27									
28									

COMMENTS: SAMPLE PREPARATION INCLUDE DETERMINATION OF SAMPLE VOLUME/WEIGHT, SOLVENT EXTRACTION AND EVAPORATION OF SOLVENT TO FINAL VOLUME

SURROGATE ID	10-20-5	8270 SPIKE ID		625 SPIKE ID	10-24-8	TECHNICIAN	DATE
VOLUME	0.5ml	VOLUME		VOLUME	1.0ml	Lucinel Thomas	7-20-06
CONCENTRATION	100/200ug/ml	CONCENTRATION		CONCENTRATION	100ug/ml		
NaOH		ACID				SUPERVISOR	DATE
SPIKE WITNESS	DMH					Judy Lucin	7-22-6

189217

BASE NEUTRAL/ACID SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	7-21-06 1200	BATCH NO:	328467
MATRIX:	WATER ☑ SOIL ☐ OTHER ☐	LEVEL:	LOW ☑ MEDIUM ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT mL g	FINAL VOLUME (mL)	BN pH	Acid pH	COMMENTS	METHOD
1	QC ACCOUNT	MB for HBN 328467 [EXTO/14257]	392709	1000	1.0	>11	<2		LIQUID LIQUID/3520
2	QC ACCOUNT	LCS for HBN 328467 [EXTO/14257	392710	1000	1.0	>11	<2		
3	QC ACCOUNT	LCSD for HBN 328467 [EXTO/1425	392711	1000	1.0	>11	<2		SEPARATORY FUNNEL/3510 ✓
4	0042	DNT DEBRIS (TCLP)	20607174902	200	1.0	>11	<2		
5	QC ACCOUNT	DNT DEBRIS (TCLP) (391057MS)	392712	200	1.0	>11	<2		SONICATOR/3550
6	QC ACCOUNT	DNT DEBRIS (TCLP) (391057MSD)	392713	200	1.0	>11	<2		
7	4482	EB-500	20607191614	1000	1.0	>11	<2		SOXHLET/3540
8	4482	FB-502	20607191616	1000	1.0	>11	<2		
9	4565	060719X033-01	20607200701	1000	1.0	>11	<2		GPC CLEANUP/3640
10	4188	42473-KW-51-40-071906	20607185423	1000	1.0	>11	<2		
11	4188	42473-KW-DV-33-10-071906	20607185425	1000	1.0	>11	<2		WASTE DILUTION/3580
12	4188	42473-KW-DV-33-100-071906	20607185426	1000	1.0	>11	<2		
13	4188	42473-KW-FB-7-071906	20607185427	1000	1.0	>11	<2		TCLP EXTRACTION FLUID 1
14	4482	FB-503	20607200622	1000	1.0	>11	<2		
15	4482	FB-504	20607201919	1000	1.0	>11	<2		TCLP EXTRACTION FLUID 2
16	4188	42473-KW-DV-62-40-071906	20607204101	1000	1.0	>11	<2		
17	4188	42473-KW-DV-68-40-071906	20607204102	1000	1.0	>11	<2		MECL2/Acetone No:
18	4188	42473-KW-DV-69-40-071906	20607204103	1000	1.0	>11	<2		
19	4188	42473-KW-DV-70-100-071906	20607204104	1000	1.0	>11	<2		ACETONE LOT NO:
20	4188	42473-KW-DV-70-40-071906	20607204105	1000	1.0	>11	<2		
21	4188	42473-KW-DV-71-100-071906	20607204106	1000	1.0	>11	<2		MeCL2 Lot No:
22	4188	42473-KW-DV-71-40-071906	20607204107	1000	1.0	>11	<2		C18E32
23	4188	42473-KW-DV-72-40-071906	20607204108	1000	1.0	>11	<2		Sodium Sulfate Lot No:
24			T-BLK	200	1.0	>11	<2		C10592
25									
26				SKB 07/24/06					
27									
28									

COMMENTS: SAMPLE PREPARATION INCLUDE DETERMINATION OF SAMPLE VOLUME/WEIGHT, SOLVENT EXTRACTION AND EVAPORATION OF SOLVENT TO FINAL VOLUME

SURROGATE ID	10-20-05	8270 SPIKE ID		625 SPIKE ID	10-24-8	TECHNICIAN	DATE
VOLUME	0.5mL	VOLUME		VOLUME	1.0mL	Walter Henderson	7-21-06
CONCENTRATION	100/200ug/mL	CONCENTRATION		CONCENTRATION	100ug/mL		
NaOH	4-60-1	ACID	307-15-2			SUPERVISOR	DATE
SPIKE WITNESS	S. L. J.					John Bailey	07/24/06

189218

LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 20-JUL-2006
Instrument: MSSV3.i

Standard	Conc ppm	Lot No.
DFTPP	50	
Int. Standard	4000	

Inst. Conditions: _____

MISC: _____

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1100	4-39-13	b2538c.d	0.00 ml	20-JUL-2006 07:20	1.000	rrr	1	all
1100	4-39-13	b2538.d	0.00 ml	20-JUL-2006 07:20	1.000	rrr	1	all
1205	4-57-9	b2539.d	1000.00 ml	20-JUL-2006 07:35	1.000	rrr	2	8270C
1204	4-57-10	b2540.d	1000.00 ml	20-JUL-2006 07:50	1.000	rrr	3	8270C
1206	4-57-11	b2541.d	1000.00 ml	20-JUL-2006 08:05	1.000	rrr	4	8270C
1207	4-57-12	b2542.d	1000.00 ml	20-JUL-2006 08:20	1.000	rrr	5	8270C
1208	4-57-13	b2543.d	1000.00 ml	20-JUL-2006 08:35	1.000	rrr	6	8270C
1209	4-57-14	b2544.d	1000.00 ml	20-JUL-2006 08:50	1.000	rrr	7	8270C
1203	4-57-15	b2545.d	1000.00 ml	20-JUL-2006 09:05	1.000	rrr	8	8270C
1202	4-57-16	b2546.d	1000.00 ml	20-JUL-2006 09:20	1.000	rrr	9	8270C
1201	4-57-17	b2547.d	1000.00 ml	20-JUL-2006 09:35	1.000	rrr	10	8270C
1600	4-57-18	b2549.d	1000.00 ml	20-JUL-2006 09:50	1.000	rrr	11	ICV
390372	BLK	b2550.d	1000.00 ml	20-JUL-2006 10:16	1.000	rrr	12	SA8270
20607133629	4188	b2551.d	1000.00 ml	20-JUL-2006 10:31	1.000	rrr	13	SA8270
390372	BLK	b2552.d	1000.00 ml	20-JUL-2006 11:36	1.000	rrr	12	SA8270
391907	BLK	b2553.d	30.00 g	20-JUL-2006 11:52	1.000	rrr	13	SA8270
391908	LCS	b2554.d	30.00 g	20-JUL-2006 12:08	1.000	rrr	14	SA8270
391909	LCSD	b2555.d	30.00 g	20-JUL-2006 12:23	1.000	rrr	15	SA8270
20607191512	4482	b2556.d	30.20 g	20-JUL-2006 12:39	1.000	rrr	16	SA8270
20607191513	4482	b2557.d	30.40 g	20-JUL-2006 12:55	1.000	rrr	17	SA8270
20607191514	4482	b2558.d	30.20 g	20-JUL-2006 13:10	1.000	rrr	18	SA8270
20607191515	4482	b2559.d	30.30 g	20-JUL-2006 13:26	1.000	rrr	19	SA8270
20607191516	4482	b2560.d	30.10 g	20-JUL-2006 13:42	1.000	rrr	20	SA8270
20607191517	4482	b2561.d	30.20 g	20-JUL-2006 13:57	1.000	rrr	21	SA8270
20607191518	4482	b2562.d	30.00 g	20-JUL-2006 14:13	1.000	rrr	22	SA8270
20607191519	4482	b2563.d	30.10 g	20-JUL-2006 14:28	1.000	rrr	23	SA8270
20607191521	4482	b2564.d	30.20 g	20-JUL-2006 14:44	1.000	rrr	24	SA8270
20607191522	4482	b2565.d	30.20 g	20-JUL-2006 15:00	1.000	rrr	25	SA8270
20607191523	4482	b2566.d	30.30 g	20-JUL-2006 15:16	1.000	rrr	26	SA8270
20607191524	4482	b2567.d	30.20 g	20-JUL-2006 15:31	1.000	rrr	27	SA8270
20607191526	4482	b2568.d	30.50 g	20-JUL-2006 15:47	1.000	rrr	28	SA8270
20607191527	4482	b2569.d	30.30 g	20-JUL-2006 16:03	1.000	rrr	29	SA8270
20607191528	4482	b2570.d	30.10 g	20-JUL-2006 16:19	1.000	rrr	30	SA8270
20607191601	4482	b2571.d	30.50 g	20-JUL-2006 16:34	1.000	rrr	31	SA8270
20607191602	4482	b2572.d	30.20 g	20-JUL-2006 16:50	1.000	rrr	32	SA8270
20607191603	4482	b2573.d	30.30 g	20-JUL-2006 17:06	1.000	rrr	33	SA8270

LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 20-JUL-2006
Instrument: MSSV3.i

Standard	Conc ppm	Lot No.
DFTPP	50	
Int. Standard	4000	

Inst. Conditions: _____

MISC: _____

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
391769	BLK	b2574.d	30.00 g	20-JUL-2006 17:22	1.000	rrr	34	SA8270
391770	LCS	b2575.d	30.00 g	20-JUL-2006 17:38	1.000	rrr	35	SA8270
391771	LCSD	b2576.d	30.00 g	20-JUL-2006 17:53	1.000	rrr	36	SA8270
20607191423	4482	b2577.d	30.10 g	20-JUL-2006 18:09	1.000	rrr	37	SA8270
20607191424	4482	b2578.d	30.00 g	20-JUL-2006 18:24	1.000	rrr	38	SA8270
20607191425	4482	b2579.d	30.20 g	20-JUL-2006 18:40	1.000	rrr	39	SA8270
20607191426	4482	b2580.d	30.30 g	20-JUL-2006 18:55	1.000	rrr	40	SA8270
20607191427	4482	b2581.d	30.50 g	20-JUL-2006 19:11	1.000	rrr	41	SA8270
20607191428	4482	b2582.d	30.50 g	20-JUL-2006 19:26	1.000	rrr	42	SA8270
20607191429	4482	b2583.d	30.00 g	20-JUL-2006 19:42	1.000	rrr	43	SA8270
20607191430	4482	b2584.d	30.00 g	20-JUL-2006 19:57	1.000	rrr	44	SA8270
20607191431	4482	b2585.d	30.00 g	20-JUL-2006 20:12	1.000	rrr	45	SA8270
20607191432	4482	b2586.d	30.00 g	20-JUL-2006 20:28	1.000	rrr	46	SA8270
20607191433	4482	b2587.d	30.40 g	20-JUL-2006 20:43	1.000	rrr	47	SA8270
20607191434	4482	b2588.d	30.10 g	20-JUL-2006 20:58	1.000	rrr	48	SA8270
20607191501	4482	b2589.d	30.40 g	20-JUL-2006 21:14	1.000	rrr	49	SA8270
20607191502	4482	b2590.d	30.20 g	20-JUL-2006 21:29	1.000	rrr	50	SA8270
20607191503	4482	b2591.d	30.30 g	20-JUL-2006 21:44	1.000	rrr	51	SA8270
20607191504	4482	b2592.d	30.50 g	20-JUL-2006 21:59	1.000	rrr	52	SA8270
20607191505	4482	b2593.d	30.00 g	20-JUL-2006 22:14	1.000	rrr	53	SA8270
20607191506	4482	b2594.d	30.00 g	20-JUL-2006 22:30	1.000	rrr	54	SA8270
20607191507	4482	b2595.d	30.00 g	20-JUL-2006 22:45	1.000	rrr	55	SA8270
20607191508	4482	b2596.d	30.00 g	20-JUL-2006 23:00	1.000	rrr	56	SA8270

LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 22-JUL-2006
Instrument: MSSV3.i

Standard	Conc ppm	Lot No.
DFTPP	50	
Int. Standard	4000	

Inst. Conditions: _____

MISC: _____

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1100	4-39-13	b2653c.d	0.00 ml	22-JUL-2006 13:46	1.000	rrr	1	all
1100	4-39-13	b2653.d	0.00 ml	22-JUL-2006 13:46	1.000	rrr	1	all
1400	4-57-9	b2654.d	1000.00 ml	22-JUL-2006 14:02	1.000	rrr	2	SA8270
20607191418	4482	b2655.d	30.00 g	22-JUL-2006 14:18	1.000	rrr	3	SA8270
20607191419	4482	b2656.d	30.00 g	22-JUL-2006 14:33	1.000	rrr	4	SA8270
20607191420	4482	b2657.d	30.10 g	22-JUL-2006 14:49	1.000	rrr	5	SA8270
20607191421	4482	b2658.d	30.00 g	22-JUL-2006 15:05	1.000	rrr	6	SA8270
392075	BLK	b2659.d	30.00 g	22-JUL-2006 15:20	1.000	rrr	7	SA8270
392076	LCS	b2660.d	30.00 g	22-JUL-2006 15:36	1.000	rrr	8	SA8270
392077	LCSD	b2661.d	30.00 g	22-JUL-2006 15:52	1.000	rrr	9	SA8270
20607191604	4482	b2662.d	30.10 g	22-JUL-2006 16:07	1.000	rrr	10	SA8270
20607191605	4482	b2663.d	30.50 g	22-JUL-2006 16:23	1.000	rrr	11	SA8270
20607191606	4482	b2664.d	30.50 g	22-JUL-2006 16:39	5.000	rrr	12	SA8270
20607191607	4482	b2665.d	30.00 g	22-JUL-2006 16:54	1.000	rrr	13	SA8270
20607191608	4482	b2666.d	30.50 g	22-JUL-2006 17:10	1.000	rrr	14	SA8270
20607191610	4482	b2667.d	30.50 g	22-JUL-2006 17:25	1.000	rrr	15	SA8270
20607191611	4482	b2668.d	30.20 g	22-JUL-2006 17:41	5.000	rrr	16	SA8270
20607191612	4482	b2669.d	30.50 g	22-JUL-2006 17:57	1.000	rrr	17	SA8270
20607191617	4482	b2670.d	30.30 g	22-JUL-2006 18:12	1.000	rrr	18	SA8270
20607191618	4482	b2671.d	30.10 g	22-JUL-2006 18:28	1.000	rrr	19	SA8270
20607191619	4482	b2672.d	30.30 g	22-JUL-2006 18:43	1.000	rrr	20	SA8270
20607191620	4482	b2673.d	30.40 g	22-JUL-2006 18:59	1.000	rrr	21	SA8270
20607191621	4482	b2674.d	30.30 g	22-JUL-2006 19:14	1.000	rrr	22	SA8270
20607191622	4482	b2675.d	30.10 g	22-JUL-2006 19:29	1.000	rrr	23	SA8270
20607191623	4482	b2676.d	30.40 g	22-JUL-2006 19:45	1.000	rrr	24	SA8270
20607191624	4482	b2677.d	30.30 g	22-JUL-2006 20:00	1.000	rrr	25	SA8270
20607191625	4482	b2678.d	30.30 g	22-JUL-2006 20:15	1.000	rrr	26	SA8270
20607191626	4482	b2679.d	30.00 g	22-JUL-2006 20:30	1.000	rrr	27	SA8270
20607191520	4482	b2680.d	30.10 g	22-JUL-2006 20:45	1.000	rrr	28	SA8270
20607191525	4482	b2681.d	30.20 g	22-JUL-2006 21:00	1.000	rrr	29	SA8270
392365	BLK	b2682.d	30.00 g	22-JUL-2006 21:15	1.000	rrr	30	SA8270
392366	LCS	b2683.d	30.00 g	22-JUL-2006 21:30	1.000	rrr	31	SA8270
392367	LCSD	b2684.d	30.00 g	22-JUL-2006 21:46	1.000	rrr	32	SA8270
20607200601	4482	b2685.d	30.00 g	22-JUL-2006 22:01	1.000	rrr	33	SA8270
20607200602	4482	b2686.d	30.40 g	22-JUL-2006 22:16	5.000	rrr	34	SA8270
20607200603	4482	b2687.d	30.00 g	22-JUL-2006 22:31	5.000	rrr	35	SA8270

LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 22-JUL-2006
Instrument: MSSV3.i

Standard	Conc ppm	Lot No.
DFTPP	50	
Int. Standard	4000	

Inst. Conditions: _____

MISC: _____

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
20607200604	4482	b2688.d	30.40 g	22-JUL-2006 22:46	5.000	rrr	36	SA8270
20607200605	4482	b2689.d	30.10 g	22-JUL-2006 23:01	1.000	rrr	37	SA8270
20607200606	4482	b2690.d	30.20 g	22-JUL-2006 23:16	1.000	rrr	38	SA8270
20607200607	4482	b2691.d	30.00 g	22-JUL-2006 23:31	1.000	rrr	39	SA8270
20607200608	4482	b2692.d	30.00 g	22-JUL-2006 23:46	1.000	rrr	40	SA8270
20607200609	4482	b2693.d	30.50 g	23-JUL-2006 00:01	1.000	rrr	41	SA8270
20607200611	4482	b2694.d	30.40 g	23-JUL-2006 00:16	5.000	rrr	42	SA8270
20607200612	4482	b2695.d	30.10 g	23-JUL-2006 00:30	10.000	rrr	43	8270C
20607200613	4482	b2696.d	30.00 g	23-JUL-2006 00:45	1.000	rrr	44	SA8270
20607200614	4482	b2697.d	30.10 g	23-JUL-2006 01:00	1.000	rrr	45	SA8270
20607200615	4482	b2698.d	30.00 g	23-JUL-2006 01:15	1.000	rrr	46	SA8270
20607200616	4482	b2799.d	30.30 g	23-JUL-2006 01:30	1.000	rrr	47	SA8270
20607200617	4482	b2800.d	30.50 g	23-JUL-2006 01:45	1.000	rrr	48	SA8270

LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 23-JUL-2006
Instrument: MSSV3.i

Standard	Conc ppm	Lot No.
DFTPP	50	
Int. Standard	4000	

Inst. Conditions: _____

MISC: _____

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1100	4-39-13	b2801c.d	0.00 ml	23-JUL-2006 13:43	1.000	rrr	1	all
1100	4-39-13	b2801.d	0.00 ml	23-JUL-2006 13:43	1.000	rrr	1	all
1400	4-57-9	b2802.d	1000.00 ml	23-JUL-2006 13:59	1.000	rrr	2	SA8270
1400	4-57-9	b2803.d	30.00 g	23-JUL-2006 14:14	1.000	rrr	3	SA8270
1400	4-57-9	b2804.d	30.00 g	23-JUL-2006 14:30	1.000	rrr	4	SA8270
20607200602	4482	b2805.d	30.40 g	23-JUL-2006 14:48	10.000	rrr	5	SA8270
20607200607	4482	b2806.d	30.00 g	23-JUL-2006 15:03	5.000	rrr	6	SA8270
20607200609	4482	b2807.d	30.50 g	23-JUL-2006 15:19	10.000	rrr	7	SA8270
20607200611	4482	b2808.d	30.40 g	23-JUL-2006 15:34	10.000	rrr	8	SA8270
20607200612	4482	b2809.d	30.10 g	23-JUL-2006 15:51	20.000	rrr	9	SA8270
392726	BLK	b2810.d	30.00 g	23-JUL-2006 16:06	1.000	rrr	10	SA8270
392727	LCS	b2811.d	30.00 g	23-JUL-2006 16:22	1.000	rrr	11	SA8270
392728	LCSD	b2812.d	30.00 g	23-JUL-2006 16:37	1.000	rrr	12	SA8270
20607144402	0082	b2813.d	30.10 g	23-JUL-2006 16:53	5.000	rrr	13	SA8270
20607202116	4482	b2814.d	30.20 g	23-JUL-2006 17:08	1.000	rrr	14	SA8270
20607202117	4482	b2815.d	30.40 g	23-JUL-2006 17:24	5.000	rrr	15	SA8270
20607202118	4482	b2816.d	30.00 g	23-JUL-2006 17:40	5.000	rrr	16	SA8270
20607202119	4482	b2817.d	30.00 g	23-JUL-2006 17:55	1.000	rrr	17	SA8270
20607202120	4482	b2818.d	30.10 g	23-JUL-2006 18:11	1.000	rrr	18	SA8270
20607202121	4482	b2819.d	30.30 g	23-JUL-2006 18:26	1.000	rrr	19	SA8270
20607202122	4482	b2820.d	30.00 g	23-JUL-2006 18:41	10.000	rrr	20	SA8270
20607202123	4482	b2821.d	30.30 g	23-JUL-2006 18:57	10.000	rrr	21	SA8270
20607201231	4482	b2822.d	30.40 g	23-JUL-2006 19:12	5.000	rrr	22	SA8270
20607201232	4482	b2823.d	30.00 g	23-JUL-2006 19:28	5.000	rrr	23	SA8270
392483	BLK	b2824.d	30.00 g	23-JUL-2006 19:43	1.000	rrr	24	SA8270
392484	LCS	b2825.d	30.00 g	23-JUL-2006 19:58	1.000	rrr	25	SA8270
392485	LCSD	b2826.d	30.00 g	23-JUL-2006 20:13	1.000	rrr	26	SA8270
20607201221	4482	b2827.d	30.40 g	23-JUL-2006 20:28	50.000	rrr	27	SA8270
20607201222	4482	b2828.d	30.50 g	23-JUL-2006 20:44	50.000	rrr	28	SA8270
20607201223	4482	b2829.d	30.40 g	23-JUL-2006 20:59	50.000	rrr	29	SA8270
20607201225	4482	b2830.d	30.00 g	23-JUL-2006 21:14	5.000	rrr	30	SA8270
20607201226	4482	b2831.d	30.00 g	23-JUL-2006 21:29	5.000	rrr	31	SA8270
20607201227	4482	b2832.d	30.50 g	23-JUL-2006 21:44	5.000	rrr	32	SA8270
20607201228	4482	b2833.d	30.00 g	23-JUL-2006 21:59	10.000	rrr	33	SA8270
20607201229	4482	b2834.d	30.50 g	23-JUL-2006 22:14	1.000	rrr	34	SA8270
20607201230	4482	b2835.d	30.50 g	23-JUL-2006 22:29	1.000	rrr	35	SA8270

LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 23-JUL-2006
Instrument: MSSV3.i

Standard	Conc ppm	Lot No.
DFTPP	50	
Int. Standard	4000	

Inst. Conditions: _____

MISC: _____

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
20607201901	4482	b2836.d	30.10 g	23-JUL-2006 22:44	1.000	rrr	36	SA8270
20607201902	4482	b2837.d	30.40 g	23-JUL-2006 23:00	1.000	rrr	37	SA8270
20607201903	4482	b2838.d	30.30 g	23-JUL-2006 23:15	1.000	rrr	38	SA8270
20607201907	4482	b2839.d	30.00 g	23-JUL-2006 23:30	1.000	rrr	39	SA8270
20607201908	4482	b2840.d	30.30 g	23-JUL-2006 23:45	10.000	rrr	40	SA8270
20607201909	4482	b2841.d	30.30 g	24-JUL-2006 00:00	10.000	rrr	41	SA8270
20607201911	4482	b2842.d	30.50 g	24-JUL-2006 00:15	1.000	rrr	42	SA8270
20607201912	4482	b2843.d	30.10 g	24-JUL-2006 00:30	1.000	rrr	43	SA8270
20607201913	4482	b2844.d	30.00 g	24-JUL-2006 00:45	1.000	rrr	44	SA8270
20607201914	4482	b2845.d	30.50 g	24-JUL-2006 01:00	1.000	rrr	45	SA8270
20607201915	4482	b2846.d	30.30 g	24-JUL-2006 01:15	1.000	rrr	46	SA8270

LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 24-JUL-2006
Instrument: MSSV3.i

Standard	Conc ppm	Lot No.
DFTPP	50	
Int. Standard	4000	

Inst. Conditions: _____

MISC: _____

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1100	4-39-13	b2847c.d	0.00 ml	24-JUL-2006 09:07	1.000	jar3	1	all
1100	4-39-13	b2847.d	0.00 ml	24-JUL-2006 09:07	1.000	jar3	1	all
1400	4-57-9	b2850.d	1000.00 ml	24-JUL-2006 09:53	1.000	jar3	2	8270C
20607110803	4328	b2851.d	1000.00 ml	24-JUL-2006 12:32	1.000	jar3	3	SA8270
392709	BLK	b2852.d	1000.00 ml	24-JUL-2006 12:16	1.000	jar3	4	SA8270
392710	LCS	b2853.d	1000.00 ml	24-JUL-2006 12:47	1.000	jar3	5	SA8270
392711	LCSD	b2854.d	1000.00 ml	24-JUL-2006 13:02	1.000	jar3	6	SA8270
20607174902	0042	b2855.d	200.00 ml	24-JUL-2006 13:17	1.000	jar3	7	TCLPBA
20607174902	0042	b2856.d	200.00 ml	24-JUL-2006 13:37	50.000	jar3	28	TCLPBA
392712	0042	b2857.d	200.00 ml	24-JUL-2006 13:52	50.000	jar3	8	SA8270
392713	0042	b2858.d	200.00 ml	24-JUL-2006 14:07	50.000	jar3	9	SA8270
20607191614	4482	b2859.d	1000.00 ml	24-JUL-2006 14:22	1.000	jar3	10	SA8270
20607191616	4482	b2860.d	1000.00 ml	24-JUL-2006 14:37	1.000	jar3	11	SA8270
392712	0042	b2861.d	200.00 ml	24-JUL-2006 14:52	50.000	jar3	8	SA8270
392713	0042	b2862.d	200.00 ml	24-JUL-2006 15:07	50.000	jar3	9	SA8270
20607200701	4565	b2863.d	1000.00 ml	24-JUL-2006 15:22	1.000	jar3	12	SA8270
393117	BLK	b2864.d	15.00 g	24-JUL-2006 15:38	1.000	jar3	47	SA8270
393118	LCS	b2865.d	15.00 g	24-JUL-2006 15:53	1.000	jar3	48	SA8270
393119	LCSD	b2866.d	15.00 g	24-JUL-2006 16:08	1.000	jar3	49	SA8270
20607213701	4527	b2867.d	15.40 g	24-JUL-2006 16:23	1.000	jar3	50	SA8270
20607213702	4527	b2868.d	15.00 g	24-JUL-2006 16:38	1.000	jar3	51	SA8270
20607213703	4527	b2869.d	15.10 g	24-JUL-2006 16:54	1.000	jar3	52	SA8270
20607213704	4527	b2870.d	15.30 g	24-JUL-2006 17:09	1.000	jar3	53	SA8270
20607185423	4188	b2871.d	1000.00 ml	24-JUL-2006 17:24	1.000	jar3	13	HEX
20607185425	4188	b2872.d	1000.00 ml	24-JUL-2006 17:39	1.000	jar3	14	HEX
20607185426	4188	b2873.d	1000.00 ml	24-JUL-2006 17:54	1.000	jar3	15	HEX
20607185427	4188	b2874.d	1000.00 ml	24-JUL-2006 18:09	1.000	jar3	16	HEX
20607200622	4482	b2875.d	1000.00 ml	24-JUL-2006 18:24	1.000	jar3	17	SA8270
20607201919	4482	b2876.d	1000.00 ml	24-JUL-2006 18:39	1.000	jar3	18	SA8270
20607204101	4188	b2877.d	1000.00 ml	24-JUL-2006 18:54	1.000	jar3	19	HEX
20607204102	4188	b2878.d	1000.00 ml	24-JUL-2006 19:09	1.000	jar3	20	HEX
20607204103	4188	b2879.d	1000.00 ml	24-JUL-2006 19:24	1.000	jar3	21	HEX
20607204104	4188	b2880.d	1000.00 ml	24-JUL-2006 19:38	1.000	jar3	22	HEX
20607204105	4188	b2881.d	1000.00 ml	24-JUL-2006 19:53	1.000	jar3	23	HEX
20607204106	4188	b2882.d	1000.00 ml	24-JUL-2006 20:09	1.000	jar3	24	HEX
20607204107	4188	b2883.d	1000.00 ml	24-JUL-2006 20:24	1.000	jar3	25	HEX

LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 24-JUL-2006
Instrument: MSSV3.i

Standard	Conc ppm	Lot No.
DFTPP	50	
Int. Standard	4000	

Inst. Conditions: _____

MISC: _____

Sample ID	ClientName	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
20607204108	4188	b2884.d	1000.00 ml	24-JUL-2006 20:39	1.000	jar3	26	HEX
0721TBLK	TBLK	b2885.d	200.00 ml	24-JUL-2006 20:54	1.000	jar3	27	TCLPBA

2E

WATER ORGANIC SURROGATE RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

GC Column (1): RTX-35MS-3 ID: .25 (mm) GC Cloumn (2): ID: (mm)

Method: SW-846 8081

EPA SAMPLE NO.	SMC1 1-(1)	Lo	Hi	F	SMC1 1-(2)	Lo	Hi	F	SMC2 2-(1)	Lo	Hi	F	SMC2 2-(2)	Lo	Hi	F	TOT OUT
1. FB-503	83	45	148						80	34	135						0
2. MB392701	95	45	148						82	34	135						0
3. LCS392702	79	45	148						108	34	135						0

SMC 1 : Tetrachloro-m-xylene SMC 2 : Decachlorobiphenyl

Column to be used to flag recovery limits

* Value outside of contract required limits

D Surrogate diluted out

FORM II ORG-II

2F
ORGANICS SURROGATE RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

GC Column (1) : RTX-35MS-3 ID: .25 (mm) GC Cloumn (2) : ID: (mm)

Method: SW-846 8081

	EPA SAMPLE NO.	SMC1 1-(1)	#	1-(2)	#	SMC2 2-(1)	#	2-(2)	#	TOT OUT
1.	SF3SB45-089-(0-0.5)	72				60				0
2.	SF3SB45-090-(1-2)	85				107				0
3.	SF3SB45-090-(1-2)MS	81				245	*			1
4.	SF3SB45-090-(1-2)MSD	76				151				0
5.	SI5SB74-147-(0-0.5)	77				82				0
6.	SI5SB74-148-(1-2)	87				97				0
7.	SH4SB64-128-(1-2)	98				126				0
8.	SH4SB64-127-(0-0.5)	73				92				0
9.	SF4SB46-091-(0-0.5)	83				133				0
10.	SF4SB46-092-(1-2)	0	D			0	D			0
11.	SG4SB56-112-(1-2)	0	D			0	D			0
12.	SG4SB56-111-(0-0.5)	74				85				0
13.	SE3SB39-077-(0-0.5)	85				56				0
14.	SE3SB39-078-(1-2)	0	D			0	D			0
15.	SH5SB66-131-(0-0.5)	67				87				0
16.	SH5SB66-132-(1-2)	67				71				0
17.	MB392359	94				85				0
18.	LCS392360	85				86				0
19.	LCSD392361	80				90				0

		CONTROL LIMITS	
SMC 1 :	Tetrachloro-m-xylene	52	151
SMC 2 :	Decachlorobiphenyl	56	159

Column to be used to flag recovery limits

* Value outside of contract required limits

D Surrogate diluted out

FORM II ORG-2

3E

WATER ORGANICS LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8081

Prep Batch: 328464 Analytical Batch: 328835

SAMPLE NO : 392702

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	LCS % REC FLAG	QC. LIMITS
4,4'-DDD	ug/L	.25	0	.315	126		35 - 165
4,4'-DDE	ug/L	.25	0	.298	119		57 - 139
4,4'-DDT	ug/L	.25	0	.299	120		32 - 148
Aldrin	ug/L	.25	0	.276	110		51 - 144
Dieldrin	ug/L	.25	0	.3	120		59 - 169
Endosulfan I	ug/L	.25	0	.124	50		45 - 159
Endosulfan II	ug/L	.25	0	.156	62		49 - 165
Endosulfan sulfate	ug/L	.25	0	.302	121		26 - 164
Endrin	ug/L	.25	0	.313	125		53 - 168
Endrin aldehyde	ug/L	.25	0	.311	124		53 - 186
Endrin ketone	ug/L	.25	0	.322	129		31 - 169
Heptachlor	ug/L	.25	0	.274	110		51 - 152
Heptachlor epoxide	ug/L	.25	0	.304	122		56 - 147
Methoxychlor	ug/L	.25	0	.253	101		29 - 179
alpha-BHC	ug/L	.25	0	.281	112		45 - 162
alpha-Chlordane	ug/L	.25	0	.317	127		55 - 143
beta-BHC	ug/L	.25	0	.277	111		53 - 153
delta-BHC	ug/L	.25	0	.286	114		61 - 141
gamma-BHC (Lindane)	ug/L	.25	0	.285	114		37 - 143
gamma-Chlordane	ug/L	.25	0	.319	128		63 - 140

RPD : 0 out of 0 outside limits

Spike Recovery: 0 out of 20 outside limits

FORM III ORG-1

3F

SOIL ORGANIC LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8081

Prep Batch: 328410 Analytical Batch: 328877

Spike HSN : 392360

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	LCS % REC FLAG	QC. LIMITS
4,4'-DDD	ug/kg	8.33	0	8.17	98		31 - 141
4,4'-DDE	ug/kg	8.33	0	7.39	89		30 - 145
4,4'-DDT	ug/kg	8.33	0	6.11	73		23 - 134
Aldrin	ug/kg	8.33	0	7.51	90		35 - 132
Dieldrin	ug/kg	8.33	0	7.52	90		31 - 134
Endosulfan I	ug/kg	8.33	0	8.1	97		45 - 153
Endosulfan II	ug/kg	8.33	0	6.19	74		0 - 202
Endosulfan sulfate	ug/kg	8.33	0	7.41	89		26 - 144
Endrin	ug/kg	8.33	0	7.54	90		42 - 139
Endrin aldehyde	ug/kg	8.33	0	7.51	90		0 - 202
Endrin ketone	ug/kg	8.33	0	7.97	96		26 - 144
Heptachlor	ug/kg	8.33	0	7.4	89		35 - 130
Heptachlor epoxide	ug/kg	8.33	0	7.94	95		37 - 142
Methoxychlor	ug/kg	8.33	0	6.27	75		26 - 144
alpha-BHC	ug/kg	8.33	0	7.5	90		37 - 134
alpha-Chlordane	ug/kg	8.33	0	8.01	96		45 - 119
beta-BHC	ug/kg	8.33	0	7.69	92		17 - 147
delta-BHC	ug/kg	8.33	0	7.39	89		19 - 140
gamma-BHC (Lindane)	ug/kg	8.33	0	7.48	90		46 - 127
gamma-Chlordane	ug/kg	8.33	0	7.82	94		45 - 119

RPD : 0 out of 20 outside limits

Spike Recovery: 0 out of 40 outside limits

FORM III ORG-2

3F

SOIL ORGANIC LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8081

Prep Batch: 328410 Analytical Batch: 328877

Spike Dupe HSN : 392361

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
4,4'-DDD	ug/kg	8.33	8.9	107		9		31 - 141	0 - 40
4,4'-DDE	ug/kg	8.33	7.83	94		6		30 - 145	0 - 40
4,4'-DDT	ug/kg	8.33	6.3	76		3		23 - 134	0 - 40
Aldrin	ug/kg	8.33	7.79	93		4		35 - 132	0 - 40
Dieldrin	ug/kg	8.33	7.97	96		6		31 - 134	0 - 40
Endosulfan I	ug/kg	8.33	8.47	102		4		45 - 153	0 - 40
Endosulfan II	ug/kg	8.33	8.11	97		27		0 - 202	0 - 40
Endosulfan sulfate	ug/kg	8.33	7.95	95		7		26 - 144	0 - 40
Endrin	ug/kg	8.33	7.49	90		.7		42 - 139	0 - 40
Endrin aldehyde	ug/kg	8.33	7.48	90		.4		0 - 202	0 - 40
Endrin ketone	ug/kg	8.33	8.35	100		5		26 - 144	0 - 40
Heptachlor	ug/kg	8.33	7.37	88		.4		35 - 130	0 - 40
Heptachlor epoxide	ug/kg	8.33	8.12	97		2		37 - 142	0 - 40
Methoxychlor	ug/kg	8.33	6.29	75		.3		26 - 144	0 - 40
alpha-BHC	ug/kg	8.33	7.47	90		.4		37 - 134	0 - 40
alpha-Chlordane	ug/kg	8.33	7.92	95		1		45 - 119	0 - 40
beta-BHC	ug/kg	8.33	8.03	96		4		17 - 147	0 - 40
delta-BHC	ug/kg	8.33	7.71	93		4		19 - 140	0 - 40
gamma-BHC (Lindane)	ug/kg	8.33	7.66	92		2		46 - 127	0 - 40
gamma-Chlordane	ug/kg	8.33	7.88	95		.8		45 - 119	0 - 40

RPD : 0 out of 20 outside limits

Spike Recovery: 0 out of 40 outside limits

FORM III ORG-2

3F

SOILORGANIC MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8081

Prep Batch: 328410 Analytical Batch: 328877

Spike HSN : 20607200603

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	MS % REC FLAG	QC. LIMITS
4,4'-DDD	ug/kg	21.7	1.67	13.1	53		31 - 141
4,4'-DDE	ug/kg	21.7	0	16.2	74		30 - 145
4,4'-DDT	ug/kg	21.7	10.4	3.68	-31	*	23 - 134
Aldrin	ug/kg	21.7	0	9.66	44		35 - 132
Dieldrin	ug/kg	21.7	0	10.6	49		31 - 134
Endosulfan I	ug/kg	21.7	0	10.1	46		45 - 153
Endosulfan II	ug/kg	21.7	4.02	7.99	18		0 - 202
Endosulfan sulfate	ug/kg	21.7	0	13.1	60		26 - 144
Endrin	ug/kg	21.7	0	36.6	168	*	42 - 139
Endrin aldehyde	ug/kg	21.7	6.53	17	48		0 - 202
Endrin ketone	ug/kg	21.7	2.92	12.1	42		26 - 144
Heptachlor	ug/kg	21.7	0	7.45	34	*	35 - 130
Heptachlor epoxide	ug/kg	21.7	3.87	19.4	71		37 - 142
Methoxychlor	ug/kg	21.7	0	8.06	37		26 - 144
alpha-BHC	ug/kg	21.7	0	7.44	34	*	37 - 134
alpha-Chlordane	ug/kg	21.7	0	14.6	67		45 - 119
beta-BHC	ug/kg	21.7	0	7.69	35		17 - 147
delta-BHC	ug/kg	21.7	0	7.57	35		19 - 140
gamma-BHC (Lindane)	ug/kg	21.7	0	36.5	168	*	46 - 127
gamma-Chlordane	ug/kg	21.7	0	8.96	41	*	45 - 119

RPD : 5 out of 20 outside limits

Spike Recovery: 8 out of 40 outside limits

FORM III ORG-2

3F

SOILORGANIC MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8081

Prep Batch: 328410 Analytical Batch: 328877

Spike Dupe HSN : 20607200604

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
4,4'-DDD	ug/kg	22.1	15.6	63		17		31 - 141	0 - 40
4,4'-DDE	ug/kg	22.1	25.2	114		44	*	30 - 145	0 - 40
4,4'-DDT	ug/kg	22.1	16.8	29		128	*	23 - 134	0 - 40
Aldrin	ug/kg	22.1	9.61	44		.6		35 - 132	0 - 40
Dieldrin	ug/kg	22.1	12.8	58		18		31 - 134	0 - 40
Endosulfan I	ug/kg	22.1	10.8	49		7		45 - 153	0 - 40
Endosulfan II	ug/kg	22.1	16.6	57		70	*	0 - 202	0 - 40
Endosulfan sulfate	ug/kg	22.1	10.4	47		23		26 - 144	0 - 40
Endrin	ug/kg	22.1	16.4	74		76	*	42 - 139	0 - 40
Endrin aldehyde	ug/kg	22.1	15.5	41		9		0 - 202	0 - 40
Endrin ketone	ug/kg	22.1	10.2	33		18		26 - 144	0 - 40
Heptachlor	ug/kg	22.1	7.08	32	*	5		35 - 130	0 - 40
Heptachlor epoxide	ug/kg	22.1	23.9	90		21		37 - 142	0 - 40
Methoxychlor	ug/kg	22.1	5.7	26		34		26 - 144	0 - 40
alpha-BHC	ug/kg	22.1	9.03	41		19		37 - 134	0 - 40
alpha-Chlordane	ug/kg	22.1	16.2	73		10		45 - 119	0 - 40
beta-BHC	ug/kg	22.1	8.42	38		9		17 - 147	0 - 40
delta-BHC	ug/kg	22.1	8.01	36		6		19 - 140	0 - 40
gamma-BHC (Lindane)	ug/kg	22.1	8.84	40	*	122	*	46 - 127	0 - 40
gamma-Chlordane	ug/kg	22.1	10.9	50		20		45 - 119	0 - 40

RPD : 5 out of 20 outside limits

Spike Recovery: 8 out of 40 outside limits

FORM III ORG-2

4C

ORGANIC METHOD BLANK SUMMARY

Lab Name: GCAL

Sample ID: MB392359

Lab Code: LA024 Case No.:

Contract:

Lab Sample ID: 392359

SAS No.: SDG No.: 206072006

Matrix: Soil Sulfur Cleanup: (Y/N) N

Date Extracted: 07/20/06

Date Analyzed (1): 07/25/06 Time (1): 1629

Date Analyzed (2): Time (2):

Instrument ID (1): GCS17A

Instrument ID (2):

GC Column (1): RTX-35MS-3 ID: .25 (mm)

GC Column (2): ID: (mm)

Method: SW-846 8081

Prep Batch: 328410 Analytical Batch: 328877

Lab File ID: 2060725/SV17A0

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATE ANALYZED	TIME ANALYZED
1.	LCS392360	392360	07/25/06	1650		
2.	LCSD392361	392361	07/25/06	1711		
3.	SI5SB74-147-(0-0.5)	20607200605	07/26/06	1417		
4.	SI5SB74-148-(1-2)	20607200606	07/26/06	1437		
5.	SH5SB66-132-(1-2)	20607200617	07/26/06	1520		
6.	SF3SB45-090-(1-2)MS	20607200603	07/27/06	1102		
7.	SF3SB45-090-(1-2)MSD	20607200604	07/27/06	1123		
8.	SH4SB64-128-(1-2)	20607200607	07/27/06	1226		
9.	SH4SB64-127-(0-0.5)	20607200608	07/27/06	1247		
10.	SF4SB46-091-(0-0.5)	20607200609	07/27/06	1517		
11.	SF3SB45-089-(0-0.5)	20607200601	07/27/06	1559		
12.	SF3SB45-090-(1-2)	20607200602	07/28/06	1016		
13.	SG4SB56-111-(0-0.5)	20607200613	07/28/06	1058		
14.	SE3SB39-077-(0-0.5)	20607200614	07/28/06	1119		
15.	SH5SB66-131-(0-0.5)	20607200616	07/28/06	1140		
16.	SG4SB56-112-(1-2)	20607200612	07/28/06	1201		
17.	SF4SB46-092-(1-2)	20607200611	07/28/06	1244		
18.	SE3SB39-078-(1-2)	20607200615	07/28/06	1306		

4C

ORGANIC METHOD BLANK SUMMARY

Lab Name: GCAL

Sample ID: MB392701

Lab Code: LA024 Case No.:

Contract:

Lab Sample ID: 392701

SAS No.: SDG No.: 206072006

Matrix: Water Sulfur Cleanup: (Y/N) N

Date Extracted: 07/21/06

Date Analyzed (1): 07/24/06 Time (1): 0212

Date Analyzed (2): Time (2):

Instrument ID (1): GCS17A

Instrument ID (2):

GC Column (1): RTX-35MS-3 ID: .25 (mm)

GC Column (2): ID: (mm)

Method: SW-846 8081

Prep Batch: 328464 Analytical Batch: 328835

Lab File ID: 2060723/SV17A0

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATE ANALYZED	TIME ANALYZED
1.	FB-503	20607200622	07/24/06	0357		
2.	LCS392702	392702	07/29/06	1229		

FORM IV ORGANIC

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 13.5 decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328410 Analytical Batch: 328877

CONCENTRATION UNITS: *ug/kg*

Sample ID: SF3SB45-089-(0-0.5)

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 20607200601

Date Collected: 07/18/06 Time: 1630

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/27/06 Time: 1559

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8081

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A081

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	8.33		0.272	2.31
72-55-9	4,4'-DDE	2.31	U	0.376	2.31
50-29-3	4,4'-DDT	24.4		0.145	2.31
309-00-2	Aldrin	1.16	U	0.185	1.16
60-57-1	Dieldrin	1.72	J	0.162	2.31
959-98-8	Endosulfan I	1.16	U	0.197	1.16
33213-65-9	Endosulfan II	5.77		0.324	2.31
1031-07-8	Endosulfan sulfate	2.31	U	0.306	2.31
72-20-8	Endrin	2.31	U	0.197	2.31
7421-93-4	Endrin aldehyde	9.02		0.387	2.31
53494-70-5	Endrin ketone	1.55	J	0.486	2.31
76-44-8	Heptachlor	1.16	U	0.121	1.16
1024-57-3	Heptachlor epoxide	15.7		0.410	1.16
72-43-5	Methoxychlor	11.6	U	0.723	11.6
8001-35-2	Toxaphene	116	U	5.42	116
319-84-6	alpha-BHC	1.16	U	0.185	1.16
5103-71-9	alpha-Chlordane	1.16	U	0.208	1.16
319-85-7	beta-BHC	2.31	U	0.312	2.31
319-86-8	delta-BHC	1.16	U	0.185	1.16
58-89-9	gamma-BHC (Lindane)	1.16	U	0.364	1.16
5103-74-2	gamma-Chlordane	1.16	U	0.254	1.16

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a081.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a081.d
Lab Smp Id: 20607200601
Inj Date : 27-JUL-2006 15:59
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200601*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.651	4.647	0.004	294420430	72.2642	12
8 Heptachlor epoxide	8.148	8.166	-0.018	318431115	81.3109	14
13 Dieldrin	9.033	9.033	0.000	37354196	8.96612	1.5
15 4,4'-DDD	9.574	9.577	-0.003	51078094	15.4897	2.6
16 Endosulfan II	9.723	9.693	0.030	104263887	29.9440	5.0
17 4,4'-DDT	9.988	9.969	0.019	366551456	126.612	21
18 Endrin aldehyde	10.056	10.059	-0.003	48520622	16.5960	2.8
21 Endrin ketone	11.149	11.137	0.012	29980860	8.01795	1.3(M)
$ 22 Decachlorobiphenyl	12.599	12.599	0.000	186539746	59.8064	10(M)

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a081.d
Report Date: 31-Jul-2006 13:43

QC Flag Legend

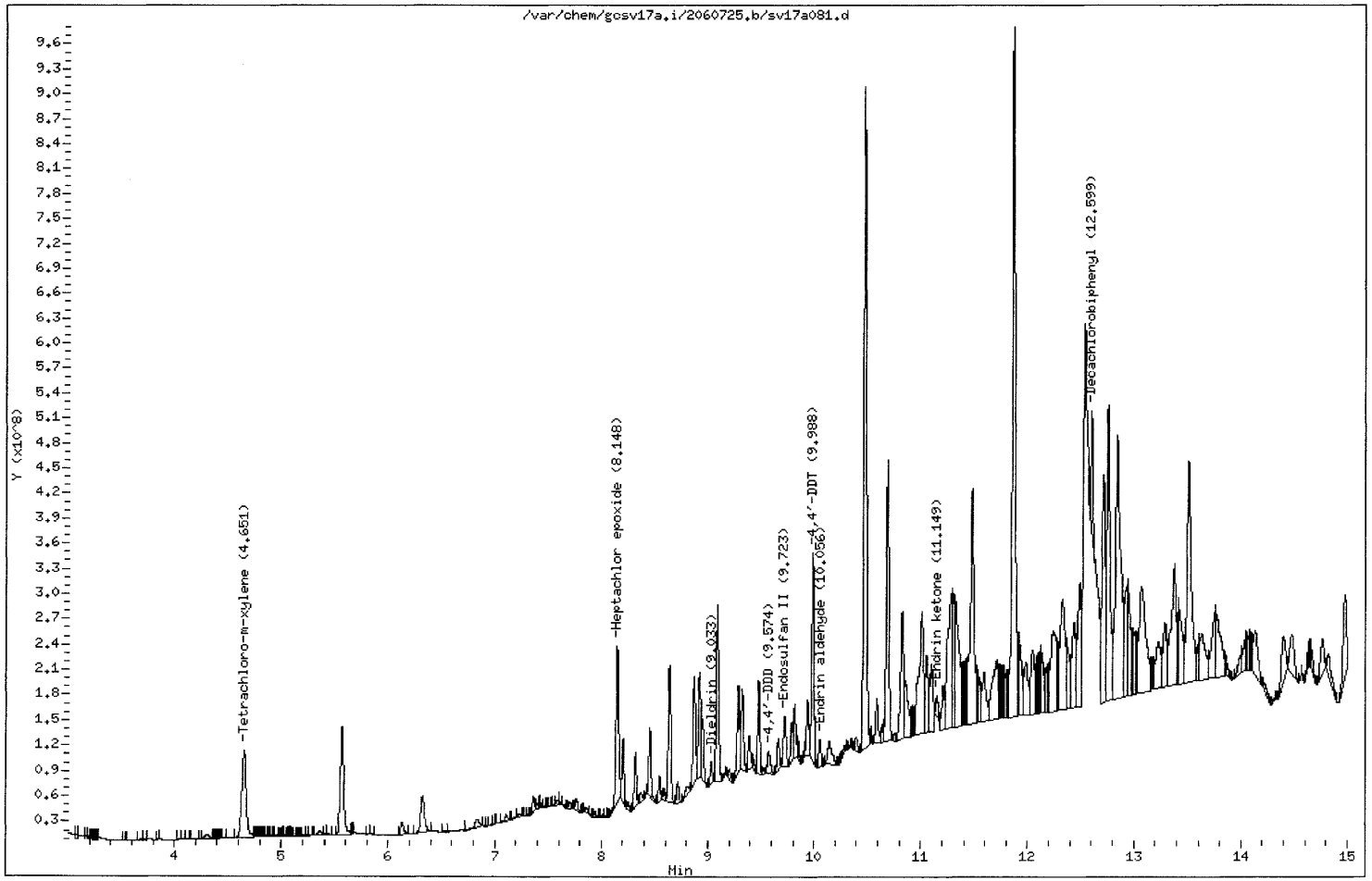
M - Compound response manually integrated.

189238

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a081.d
Date : 27-JUL-2006 15:59
Client ID:
Sample Info: 20607200601*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



001267

189239

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b081.d
Report Date: 17-Aug-2006 10:34

Gulf Coast Analytical Services

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b081.d
Lab Smp Id: 20607200601
Inj Date : 27-JUL-2006 16:42
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200601*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.852	4.839	0.013	267376028	61.7047	10
8 Heptachlor epoxide	8.047	8.008	0.039	135637920	31.8316	5.3
13 Dieldrin	8.884	8.881	0.003	288922128	64.9224	11
15 4,4'-DDD	9.472	9.427	0.045	155896443	43.0998	7.2
16 Endosulfan II	9.498	9.537	-0.039	109616624	29.4799	4.9
18 Endrin aldehyde	9.626	9.679	-0.053	145567039	46.7603	7.8
17 4,4'-DDT	9.832	9.810	0.022	329964778	101.343	17
21 Endrin ketone	10.531	10.556	-0.025	271384671	66.4620	11
$ 22 Decachlorobiphenyl	12.392	12.377	0.015	1734426439	523.787	87(A)

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b081.d
Report Date: 17-Aug-2006 10:34

QC Flag Legend

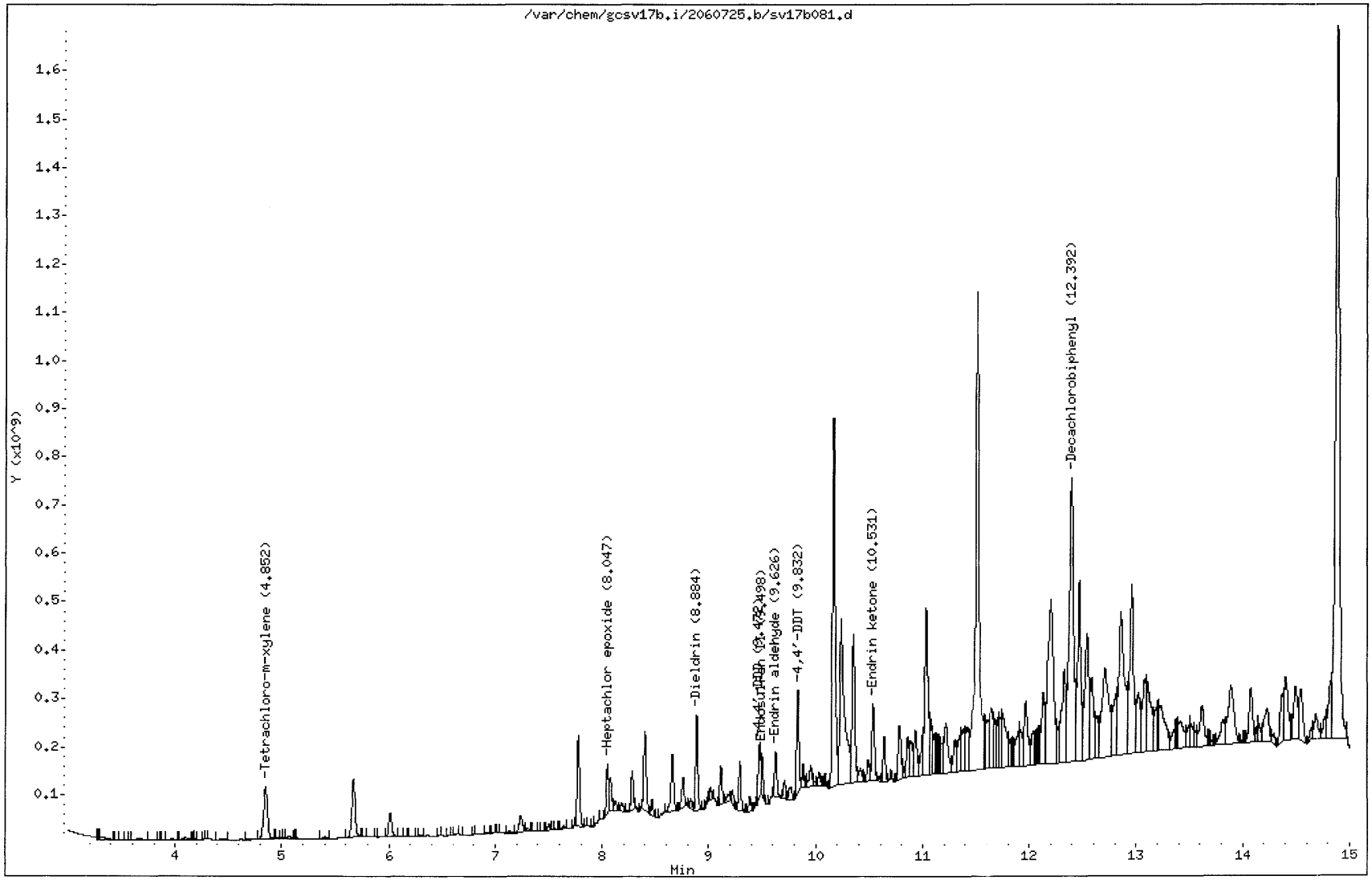
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b081.d
Date : 27-JUL-2006 16:42
Client ID:
Sample Info: 20607200601*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001270



189242

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 24.6 decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328410 Analytical Batch: 328877

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 20607200602

Date Collected: 07/18/06 Time: 1625

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/28/06 Time: 1016

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8081

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A088

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	1.67	J	0.311	2.65
72-55-9	4,4'-DDE	2.65	U	0.431	2.65
50-29-3	4,4'-DDT	10.4		0.166	2.65
309-00-2	Aldrin	1.33	U	0.212	1.33
60-57-1	Dieldrin	2.65	U	0.186	2.65
959-98-8	Endosulfan I	1.33	U	0.225	1.33
33213-65-9	Endosulfan II	4.02		0.371	2.65
1031-07-8	Endosulfan sulfate	2.65	U	0.351	2.65
72-20-8	Endrin	2.65	U	0.225	2.65
7421-93-4	Endrin aldehyde	6.53		0.444	2.65
53494-70-5	Endrin ketone	2.92		0.557	2.65
76-44-8	Heptachlor	1.33	U	0.139	1.33
1024-57-3	Heptachlor epoxide	3.87		0.471	1.33
72-43-5	Methoxychlor	13.3	U	0.828	13.3
8001-35-2	Toxaphene	133	U	6.21	133
319-84-6	alpha-BHC	1.33	U	0.212	1.33
5103-71-9	alpha-Chlordane	1.33	U	0.239	1.33
319-85-7	beta-BHC	2.65	U	0.358	2.65
319-86-8	delta-BHC	1.33	U	0.212	1.33
58-89-9	gamma-BHC (Lindane)	1.33	U	0.418	1.33
5103-74-2	gamma-Chlordane	1.33	U	0.292	1.33

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a088.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a088.d
Lab Smp Id: 20607200602
Inj Date : 28-JUL-2006 10:16
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200602*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 88
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.664	4.647	0.017	343782822	84.3800	14
8 Heptachlor epoxide	8.158	8.166	-0.008	68513412	17.4948	2.9
15 4,4'-DDD	9.582	9.577	0.005	24845140	7.53443	1.3
16 Endosulfan II	9.675	9.693	-0.018	63252921	18.1659	3.0
17 4,4'-DDT	9.999	9.969	0.030	136481755	47.1426	7.9
18 Endrin aldehyde	10.069	10.059	0.010	86563408	29.6082	4.9
21 Endrin ketone	11.162	11.137	0.025	28580970	7.64357	1.3
$ 22 Decachlorobiphenyl	12.613	12.599	0.014	333340270	106.872	18(M)

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a088.d
Report Date: 31-Jul-2006 13:43

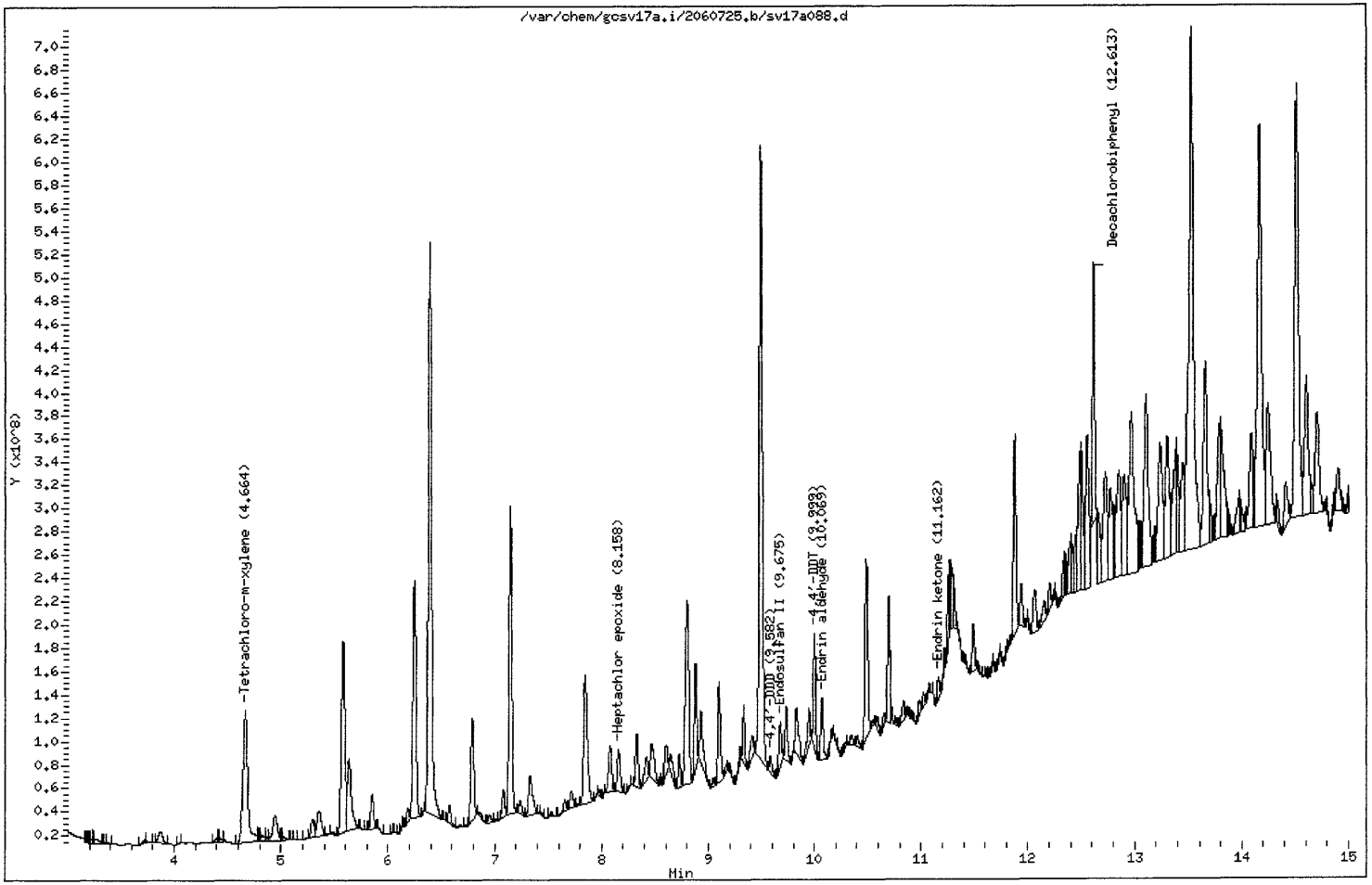
QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a088.d
Date : 28-JUL-2006 10:16
Client ID:
Sample Info: 20607200602*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



001274

189246

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b088.d
Report Date: 31-Jul-2006 12:45

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b088.d
Lab Smp Id: 20607200602
Inj Date : 28-JUL-2006 10:37
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200602*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 88
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.849	4.839	0.010	314701090	72.6263	12
8 Heptachlor epoxide	7.970	8.008	-0.038	19144175	4.49277	0.75
15 4,4'-DDD	9.433	9.427	0.006	6830430	1.88837	0.31
16 Endosulfan II	9.497	9.537	-0.040	241682876	64.9973	11
18 Endrin aldehyde	9.711	9.679	0.032	33435320	10.7404	1.8
17 4,4'-DDT	9.831	9.810	0.021	155108292	47.6387	7.9
21 Endrin ketone	10.529	10.556	-0.027	54436466	13.3315	2.2
$ 22 Decachlorobiphenyl	12.387	12.377	0.010	836035030	252.478	42(A)

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b088.d
Report Date: 31-Jul-2006 12:45

QC Flag Legend

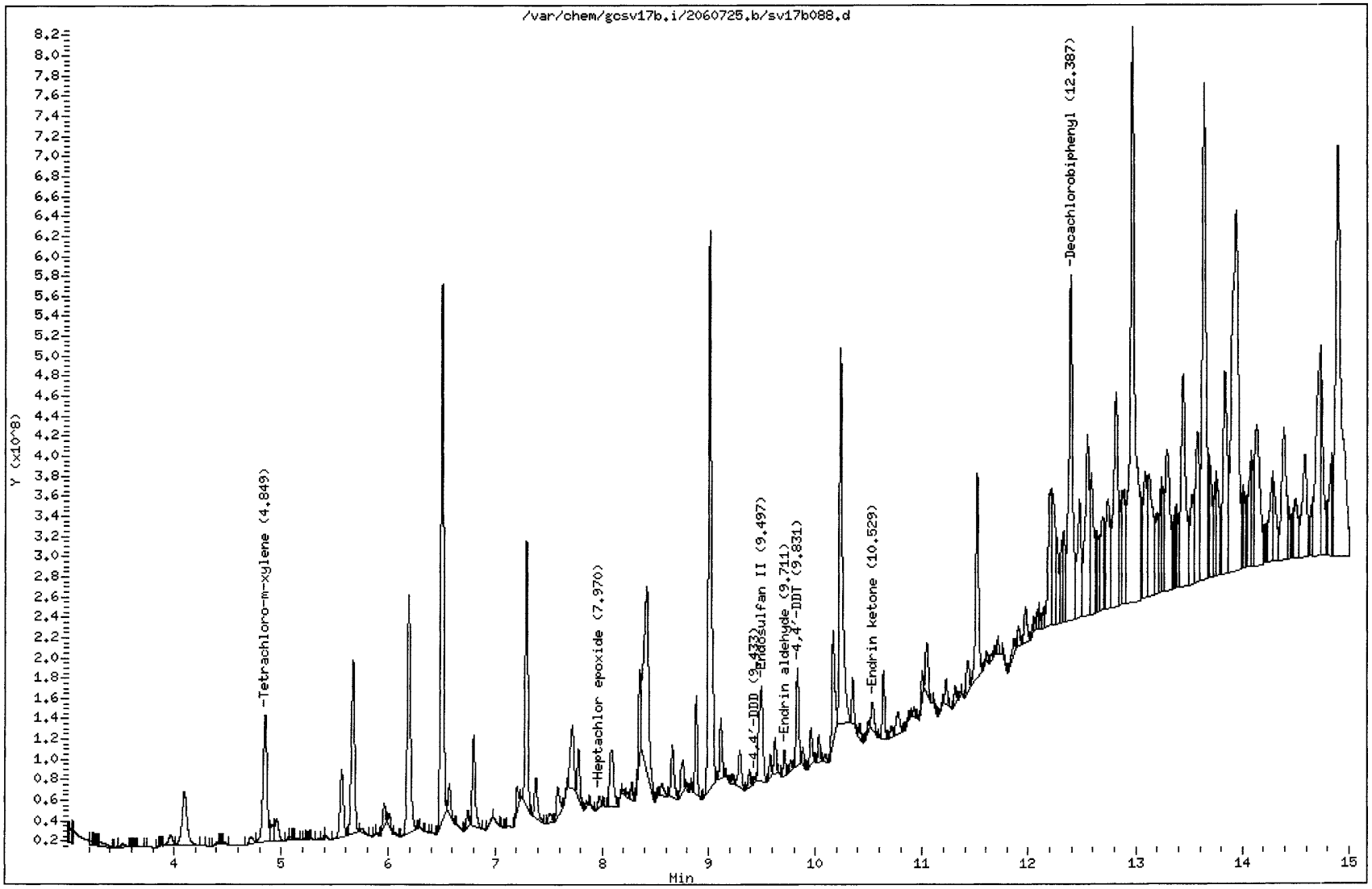
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b088.d
Date : 28-JUL-2006 10:37
Client ID:
Sample Info: 20607200602*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001277



189249

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30.3 Units: g

Level: (low/med) LOW

% Moisture: 10.8 decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328410 Analytical Batch: 328877

CONCENTRATION UNITS: ug/kg

Sample ID: SI5SB74-147-(0-0.5)

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 20607200605

Date Collected: 07/18/06 Time: 1730

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/26/06 Time: 1417

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8081

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A056

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.22	U	0.261	2.22
72-55-9	4,4'-DDE	2.22	U	0.361	2.22
50-29-3	4,4'-DDT	2.22	U	0.139	2.22
309-00-2	Aldrin	1.11	U	0.178	1.11
60-57-1	Dieldrin	2.22	U	0.155	2.22
959-98-8	Endosulfan I	1.11	U	0.189	1.11
33213-65-9	Endosulfan II	2.22	U	0.311	2.22
1031-07-8	Endosulfan sulfate	2.22	U	0.294	2.22
72-20-8	Endrin	2.22	U	0.189	2.22
7421-93-4	Endrin aldehyde	2.22	U	0.372	2.22
53494-70-5	Endrin ketone	2.22	U	0.466	2.22
76-44-8	Heptachlor	1.11	U	0.117	1.11
1024-57-3	Heptachlor epoxide	1.11	U	0.394	1.11
72-43-5	Methoxychlor	11.1	U	0.694	11.1
8001-35-2	Toxaphene	111	U	5.20	111
319-84-6	alpha-BHC	1.11	U	0.178	1.11
5103-71-9	alpha-Chlordane	1.11	U	0.200	1.11
319-85-7	beta-BHC	2.22	U	0.300	2.22
319-86-8	delta-BHC	1.11	U	0.178	1.11
58-89-9	gamma-BHC (Lindane)	1.11	U	0.350	1.11
5103-74-2	gamma-Chlordane	0.605	J	0.244	1.11

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a056.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a056.d
Lab Smp Id: 20607200605
Inj Date : 26-JUL-2006 14:17
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200605*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:40 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 56
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.30000	Weight of sample extracted (g)
M	0.00000	% Moisture

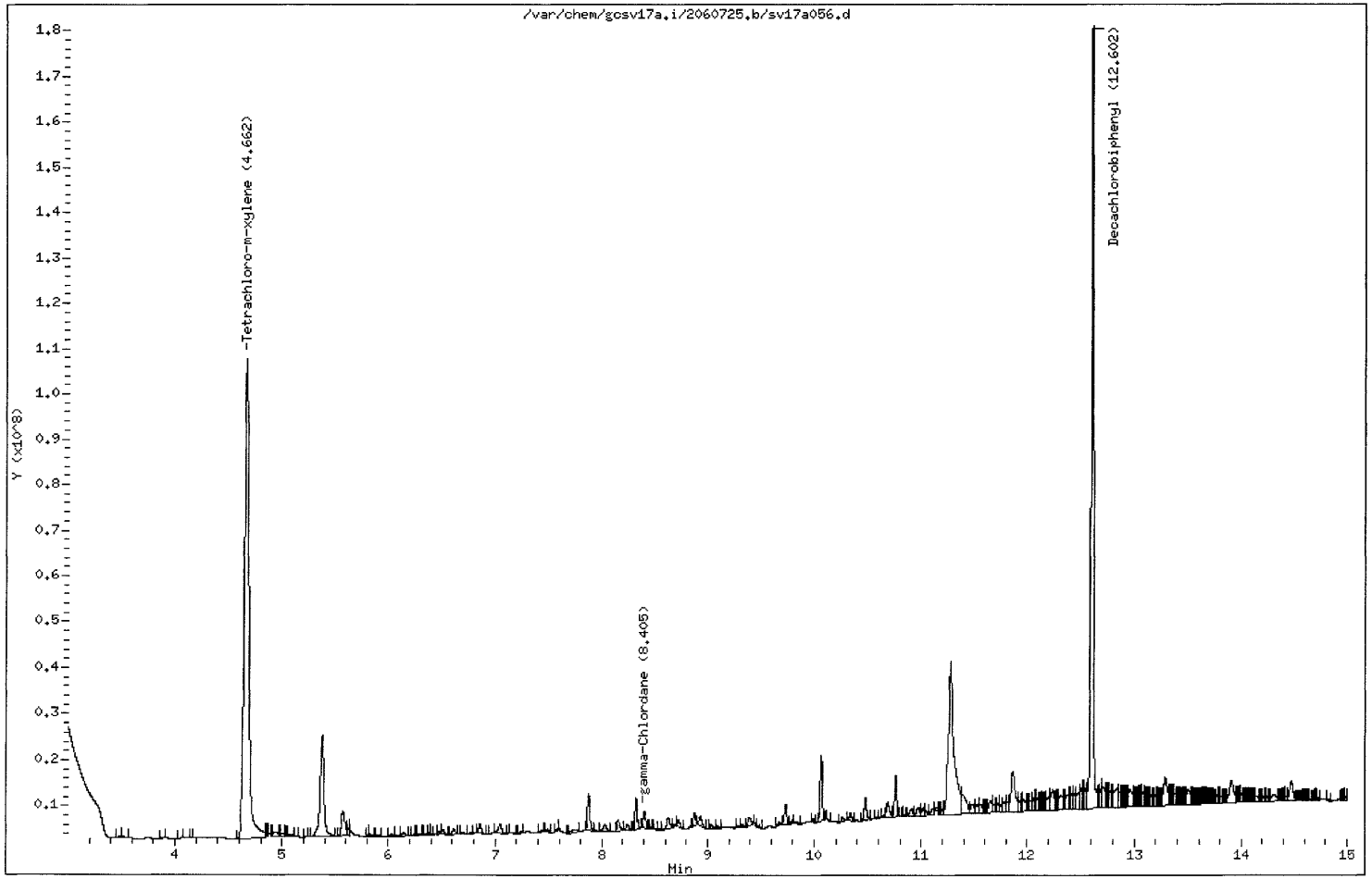
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.662	4.647	0.015	313597131	76.9711	13
10 gamma-Chlordane	8.405	8.419	-0.014	5415449	1.34574	0.22
$ 22 Decachlorobiphenyl	12.602	12.599	0.003	257585964	82.5845	14

001280

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a056.d
Date : 26-JUL-2006 14:17
Client ID:
Sample Info: 20607200605*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189252

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b056.d
Report Date: 31-Jul-2006 12:45

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b056.d
Lab Smp Id: 20607200605
Inj Date : 26-JUL-2006 14:37
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200605*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 56
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.30000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

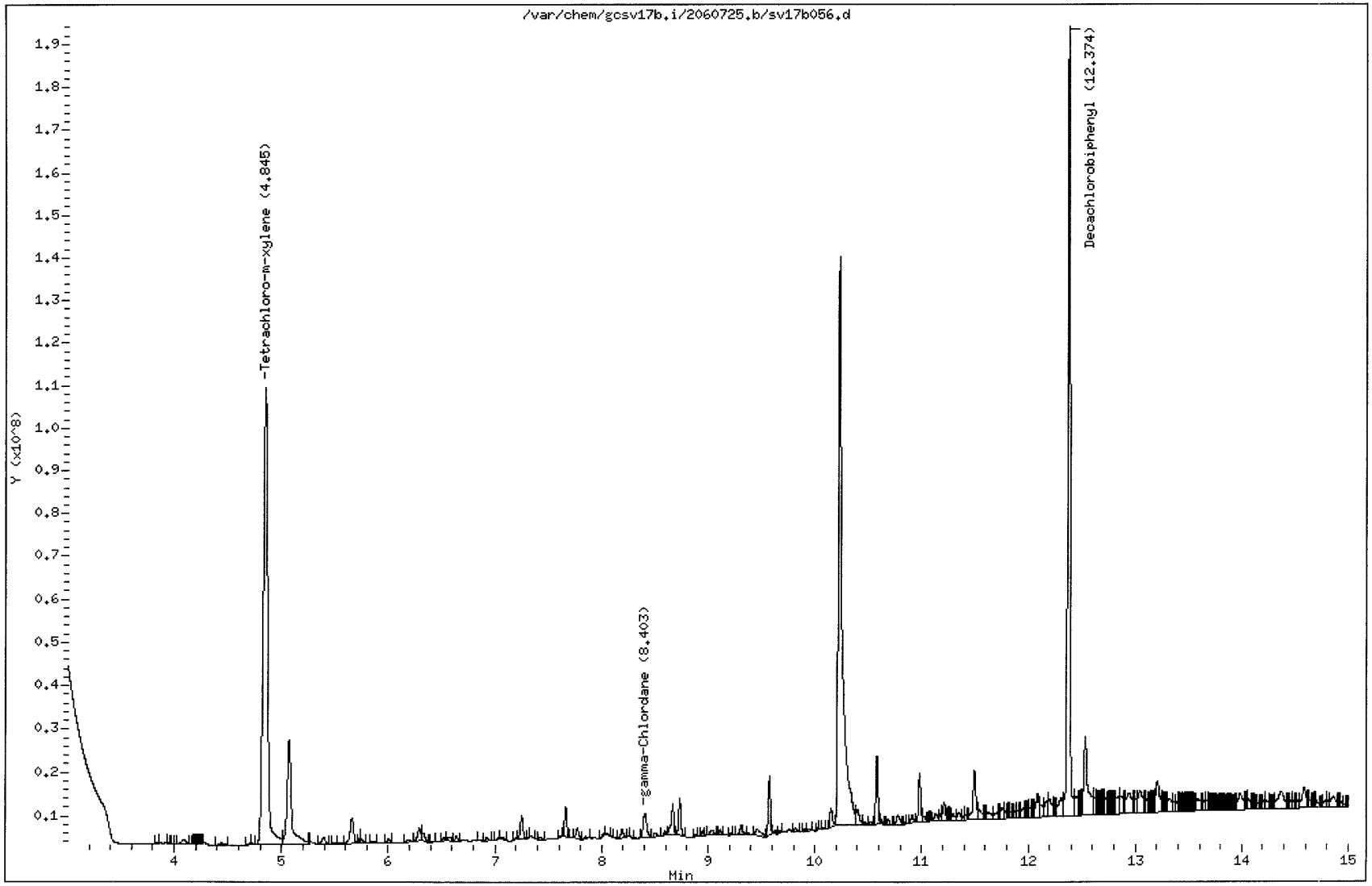
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.845	4.839	0.006	309279254	71.3751	12
10 gamma-Chlordane	8.403	8.442	-0.039	13907566	3.24407	0.54
$ 22 Decachlorobiphenyl	12.374	12.377	-0.003	269233420	81.3070	13

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b056.d
Date : 26-JUL-2006 14:37
Client ID:
Sample Info: 20607200605*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001282



189254

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.3 Units: g
Level: (low/med) LOW
% Moisture: 13.2 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SI5SB74-148-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200606
Date Collected: 07/18/06 Time: 1735
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/26/06 Time: 1437
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A057

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.28	U	0.268	2.28
72-55-9	4,4'-DDE	2.28	U	0.371	2.28
50-29-3	4,4'-DDT	2.28	U	0.143	2.28
309-00-2	Aldrin	1.14	U	0.183	1.14
60-57-1	Dieldrin	2.28	U	0.160	2.28
959-98-8	Endosulfan I	1.14	U	0.194	1.14
33213-65-9	Endosulfan II	2.28	U	0.320	2.28
1031-07-8	Endosulfan sulfate	2.28	U	0.302	2.28
72-20-8	Endrin	2.28	U	0.194	2.28
7421-93-4	Endrin aldehyde	2.28	U	0.382	2.28
53494-70-5	Endrin ketone	2.28	U	0.479	2.28
76-44-8	Heptachlor	1.14	U	0.120	1.14
1024-57-3	Heptachlor epoxide	1.14	U	0.405	1.14
72-43-5	Methoxychlor	11.4	U	0.713	11.4
8001-35-2	Toxaphene	114	U	5.35	114
319-84-6	alpha-BHC	1.14	U	0.183	1.14
5103-71-9	alpha-Chlordane	1.14	U	0.205	1.14
319-85-7	beta-BHC	2.28	U	0.308	2.28
319-86-8	delta-BHC	1.14	U	0.183	1.14
58-89-9	gamma-BHC (Lindane)	1.14	U	0.359	1.14
5103-74-2	gamma-Chlordane	1.14	U	0.251	1.14

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a057.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a057.d
Lab Smp Id: 20607200606
Inj Date : 26-JUL-2006 14:37
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200606*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:40 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 57
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.30000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.646	4.647	-0.001	356334240	87.4607	14(M)
$ 22 Decachlorobiphenyl	12.596	12.599	-0.003	302183231	96.8828	16

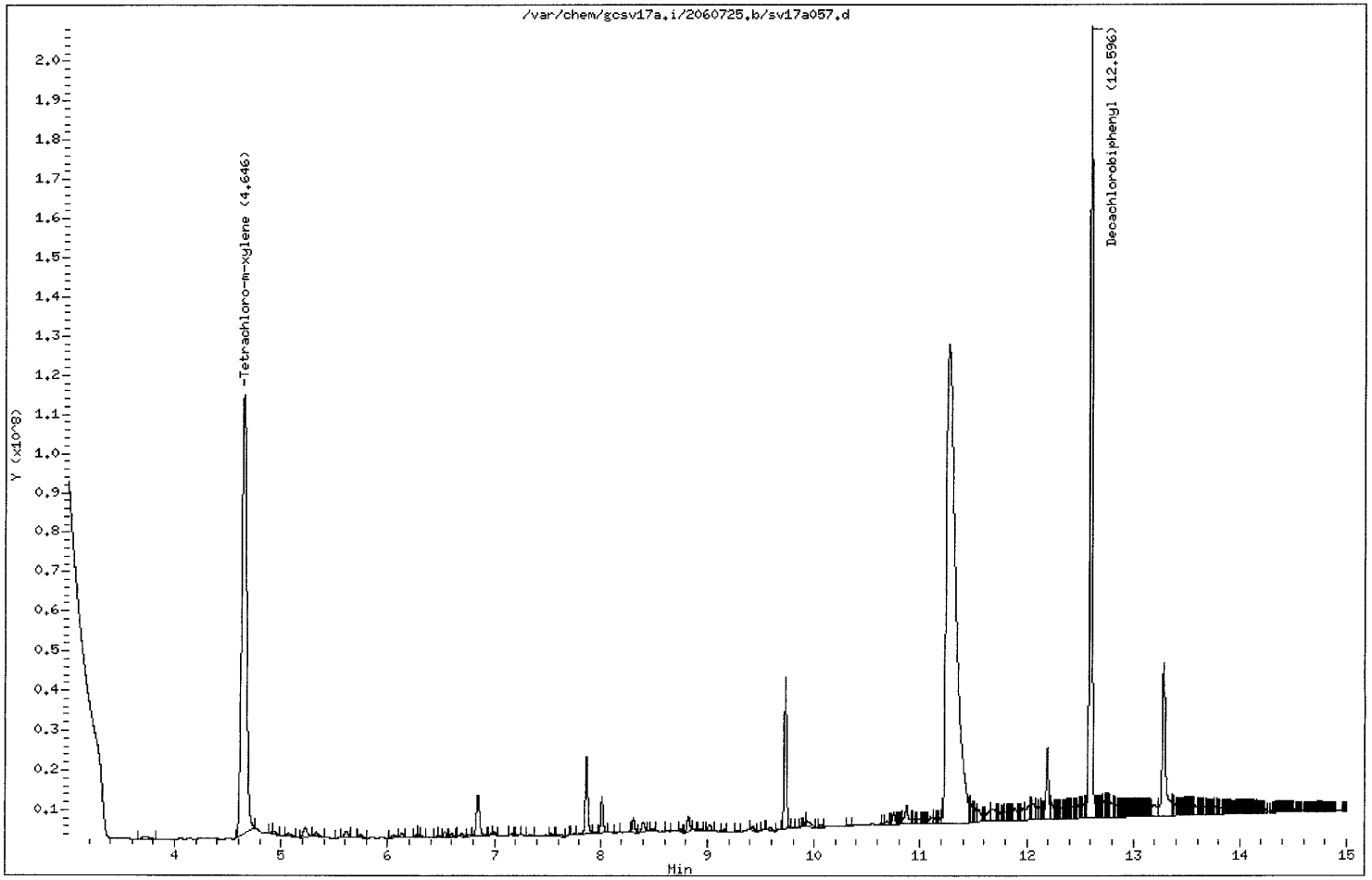
QC Flag Legend

M - Compound response manually integrated.

001285

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a057.d
Date : 26-JUL-2006 14:37
Client ID:
Sample Info: 20607200606*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189257

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.1 Units: g
Level: (low/med) LOW
% Moisture: 10.1 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SH4SB64-128-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200607
Date Collected: 07/18/06 Time: 1745
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1226
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A074

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.22	U	0.261	2.22
72-55-9	4,4'-DDE	2.22	U	0.360	2.22
50-29-3	4,4'-DDT	1.12	J	0.139	2.22
309-00-2	Aldrin	1.11	U	0.177	1.11
60-57-1	Dieldrin	2.22	U	0.155	2.22
959-98-8	Endosulfan I	1.11	U	0.189	1.11
33213-65-9	Endosulfan II	2.22	U	0.311	2.22
1031-07-8	Endosulfan sulfate	2.22	U	0.294	2.22
72-20-8	Endrin	2.22	U	0.189	2.22
7421-93-4	Endrin aldehyde	2.22	U	0.372	2.22
53494-70-5	Endrin ketone	2.22	U	0.466	2.22
76-44-8	Heptachlor	1.11	U	0.116	1.11
1024-57-3	Heptachlor epoxide	1.11	U	0.394	1.11
72-43-5	Methoxychlor	11.1	U	0.693	11.1
8001-35-2	Toxaphene	111	U	5.20	111
319-84-6	alpha-BHC	1.11	U	0.177	1.11
5103-71-9	alpha-Chlordane	1.11	U	0.200	1.11
319-85-7	beta-BHC	2.22	U	0.299	2.22
319-86-8	delta-BHC	1.11	U	0.177	1.11
58-89-9	gamma-BHC (Lindane)	1.11	U	0.349	1.11
5103-74-2	gamma-Chlordane	0.728	J	0.244	1.11

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a074.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a074.d
Lab Smp Id: 20607200607
Inj Date : 27-JUL-2006 12:26
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200607*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 74
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.10000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.654	4.647	0.007	400381570	98.2719	16
10 gamma-Chlordane	8.397	8.419	-0.022	15853588	3.93962	0.65
17 4,4'-DDT	9.989	9.969	0.020	17666476	6.10223	1.0(M)
$ 22 Decachlorobiphenyl	12.599	12.599	0.000	392414575	125.812	21(M)

QC Flag Legend

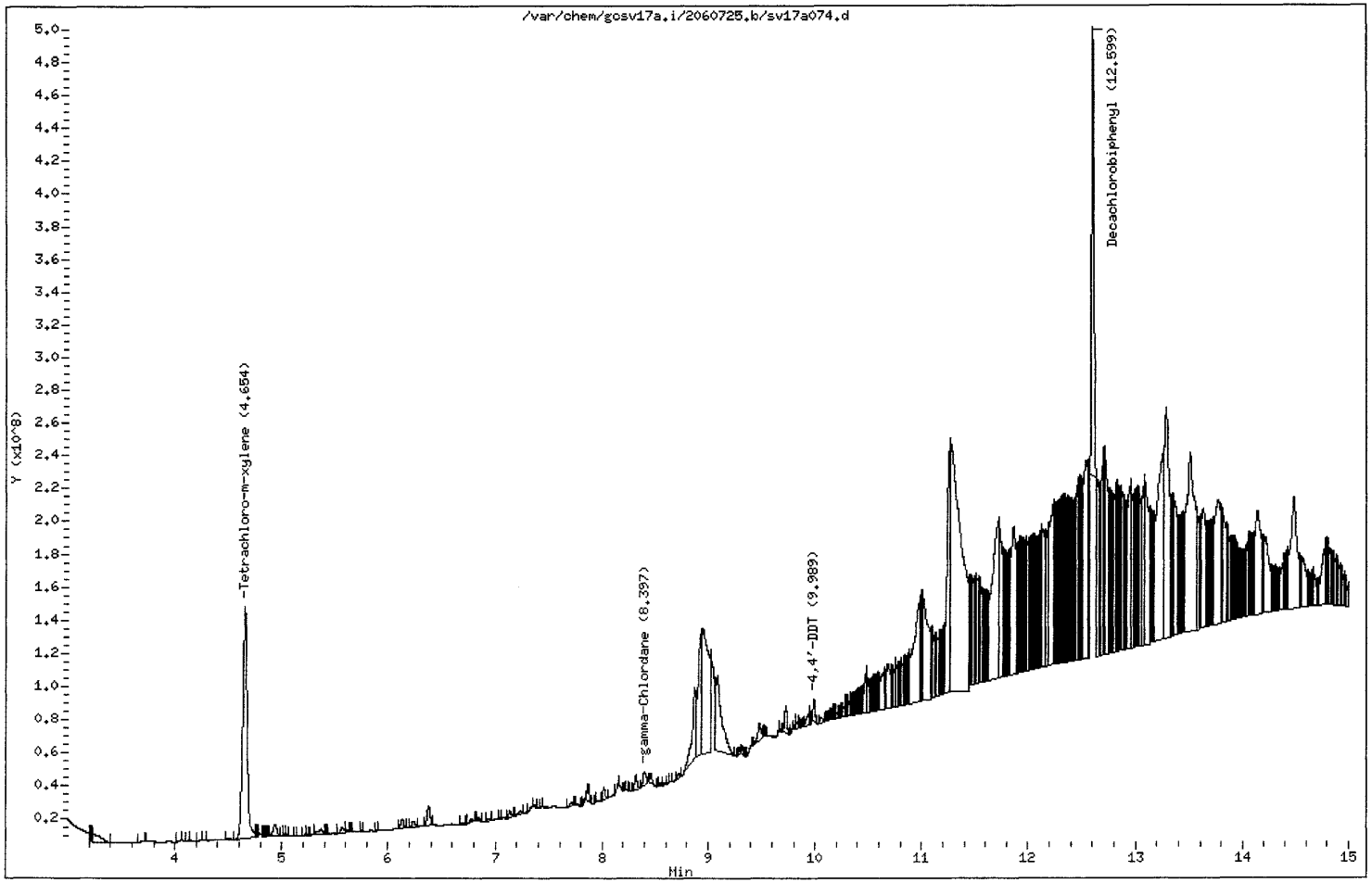
M - Compound response manually integrated.

001288

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a074.d
Date : 27-JUL-2006 12:26
Client ID:
Sample Info: 20607200607M1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



189260

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b074.d
Report Date: 31-Jul-2006 12:45

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b074.d
Lab Smp Id: 20607200607
Inj Date : 27-JUL-2006 12:47
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200607*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 74
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.10000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.850	4.839	0.011	378125667	87.2634	14
10 gamma-Chlordane	8.415	8.442	-0.027	106064275	24.7405	4.1
17 4,4'-DDT	9.826	9.810	0.016	18462340	5.67037	0.94(M)
$ 22 Decachlorobiphenyl	12.378	12.377	0.001	948548656	286.456	48(A)

QC Flag Legend

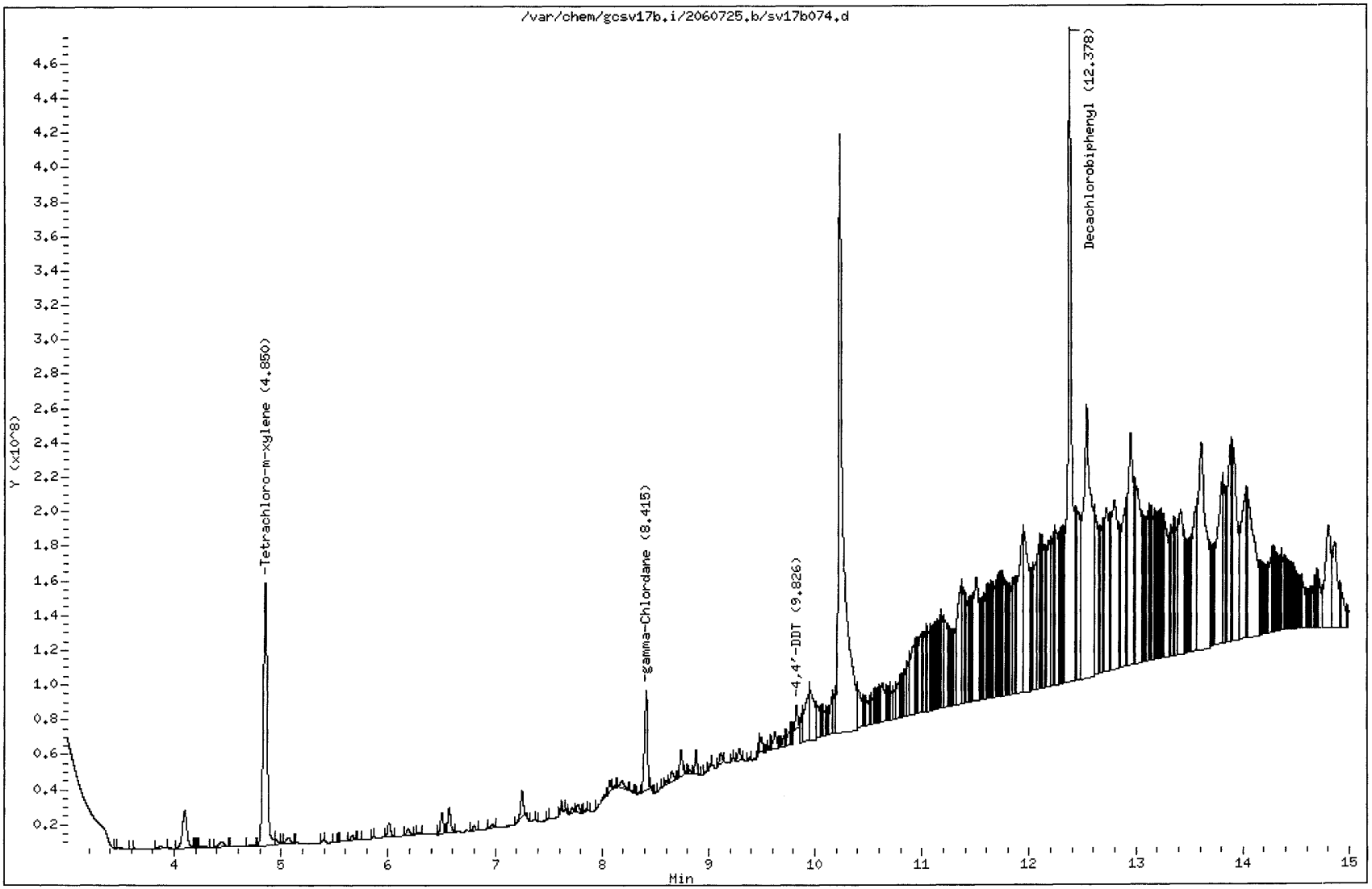
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b074.d
Date : 27-JUL-2006 12:47
Client ID:
Sample Info: 20607200607*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001290



189262

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 14.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SH4SB64-127-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200608
Date Collected: 07/18/06 Time: 1750
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1247
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A075

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.32	U	0.273	2.32
72-55-9	4,4'-DDE	2.32	U	0.378	2.32
50-29-3	4,4'-DDT	2.32	U	0.145	2.32
309-00-2	Aldrin	1.16	U	0.186	1.16
60-57-1	Dieldrin	2.32	U	0.163	2.32
959-98-8	Endosulfan I	1.16	U	0.198	1.16
33213-65-9	Endosulfan II	2.32	U	0.325	2.32
1031-07-8	Endosulfan sulfate	2.32	U	0.308	2.32
72-20-8	Endrin	2.32	U	0.198	2.32
7421-93-4	Endrin aldehyde	2.32	U	0.389	2.32
53494-70-5	Endrin ketone	2.32	U	0.488	2.32
76-44-8	Heptachlor	1.16	U	0.122	1.16
1024-57-3	Heptachlor epoxide	1.16	U	0.413	1.16
72-43-5	Methoxychlor	11.6	U	0.726	11.6
8001-35-2	Toxaphene	116	U	5.44	116
319-84-6	alpha-BHC	1.16	U	0.186	1.16
5103-71-9	alpha-Chlordane	1.16	U	0.209	1.16
319-85-7	beta-BHC	2.32	U	0.314	2.32
319-86-8	delta-BHC	1.16	U	0.186	1.16
58-89-9	gamma-BHC (Lindane)	1.16	U	0.366	1.16
5103-74-2	gamma-Chlordane	1.16	U	0.256	1.16

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a075.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a075.d
Lab Smp Id: 20607200608
Inj Date : 27-JUL-2006 12:47
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200608*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 75
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.654	4.647	0.007	295787780	72.5998	12
$ 22 Decachlorobiphenyl	12.596	12.599	-0.003	285848006	91.6456	15(M)

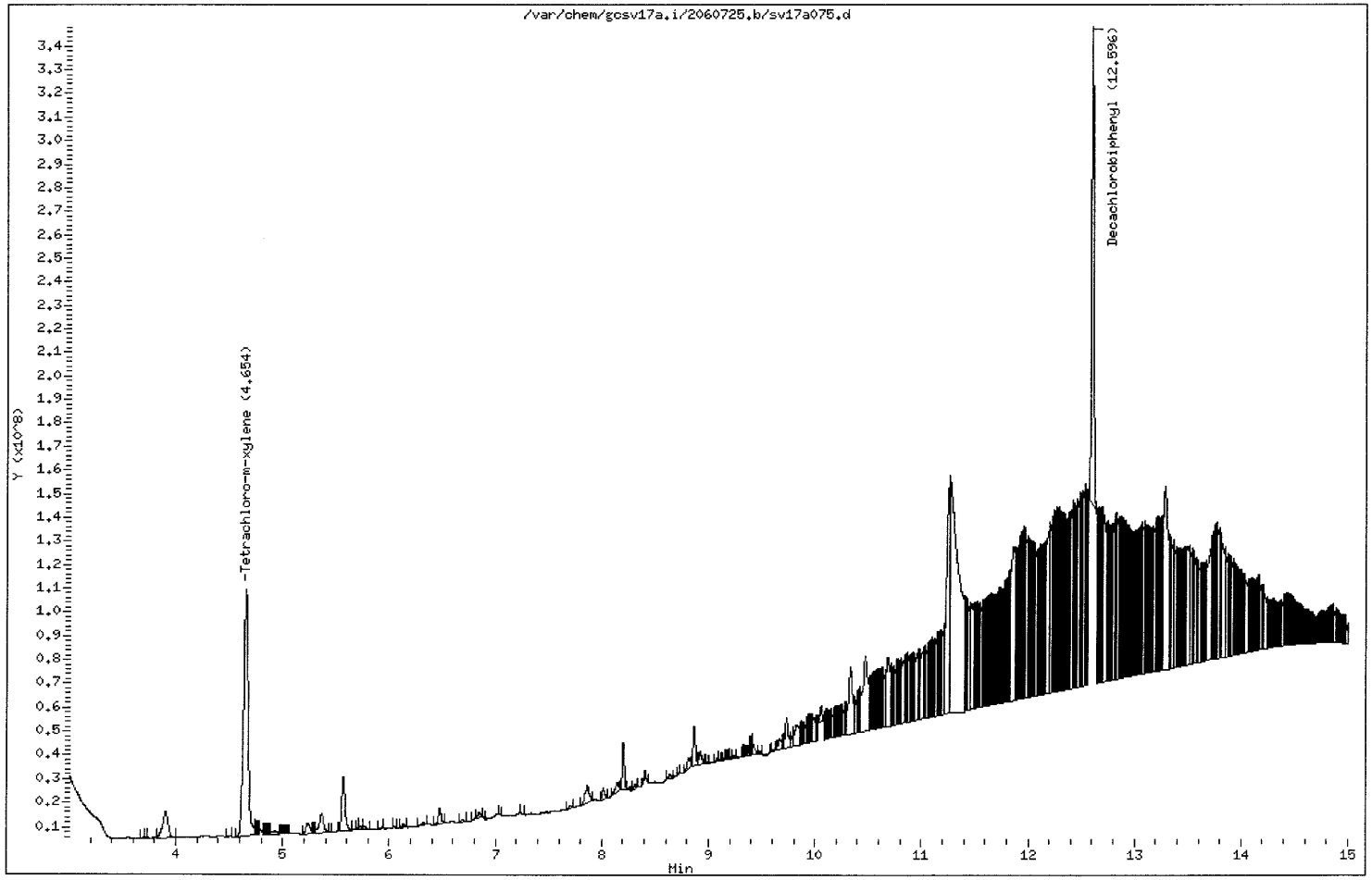
QC Flag Legend

M - Compound response manually integrated.

001293

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a075.d
Date : 27-JUL-2006 12:47
Client ID:
Sample Info: 20607200608*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189265

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.4 Units: g
Level: (low/med) LOW
% Moisture: 13.2 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SF4SB46-091-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200609
Date Collected: 07/18/06 Time: 1705
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1517
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A079

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.27	U	0.267	2.27
72-55-9	4,4'-DDE	2.27	U	0.370	2.27
50-29-3	4,4'-DDT	7.89		0.142	2.27
309-00-2	Aldrin	1.14	U	0.182	1.14
60-57-1	Dieldrin	0.521	J	0.159	2.27
959-98-8	Endosulfan I	1.14	U	0.193	1.14
33213-65-9	Endosulfan II	3.00		0.318	2.27
1031-07-8	Endosulfan sulfate	0.968	J	0.301	2.27
72-20-8	Endrin	2.27	U	0.193	2.27
7421-93-4	Endrin aldehyde	2.42		0.381	2.27
53494-70-5	Endrin ketone	2.19	J	0.478	2.27
76-44-8	Heptachlor	1.14	U	0.119	1.14
1024-57-3	Heptachlor epoxide	1.14	U	0.404	1.14
72-43-5	Methoxychlor	11.4	U	0.711	11.4
8001-35-2	Toxaphene	114	U	5.33	114
319-84-6	alpha-BHC	1.14	U	0.182	1.14
5103-71-9	alpha-Chlordane	1.14	U	0.205	1.14
319-85-7	beta-BHC	2.27	U	0.307	2.27
319-86-8	delta-BHC	1.14	U	0.182	1.14
58-89-9	gamma-BHC (Lindane)	1.14	U	0.358	1.14
5103-74-2	gamma-Chlordane	1.14	U	0.250	1.14

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a079.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a079.d
Lab Smp Id: 20607200609
Inj Date : 27-JUL-2006 15:17
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200609*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.667	4.647	0.020	337993288	82.9590	14
13 Dieldrin	9.040	9.033	0.007	11441199	2.74623	0.45
16 Endosulfan II	9.671	9.693	-0.022	19947044	5.72867	0.94
17 4,4'-DDT	9.995	9.969	0.026	120562568	41.6439	6.8
18 Endrin aldehyde	10.066	10.059	0.007	33383451	11.4185	1.9
20 Endosulfan sulfate	10.286	10.259	0.027	8384334	2.65482	0.44
21 Endrin ketone	11.150	11.137	0.013	15009926	4.01419	0.66(M)
$ 22 Decachlorobiphenyl	12.604	12.599	0.005	413518332	132.578	22

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a079.d
Report Date: 31-Jul-2006 13:43

QC Flag Legend

M - Compound response manually integrated.

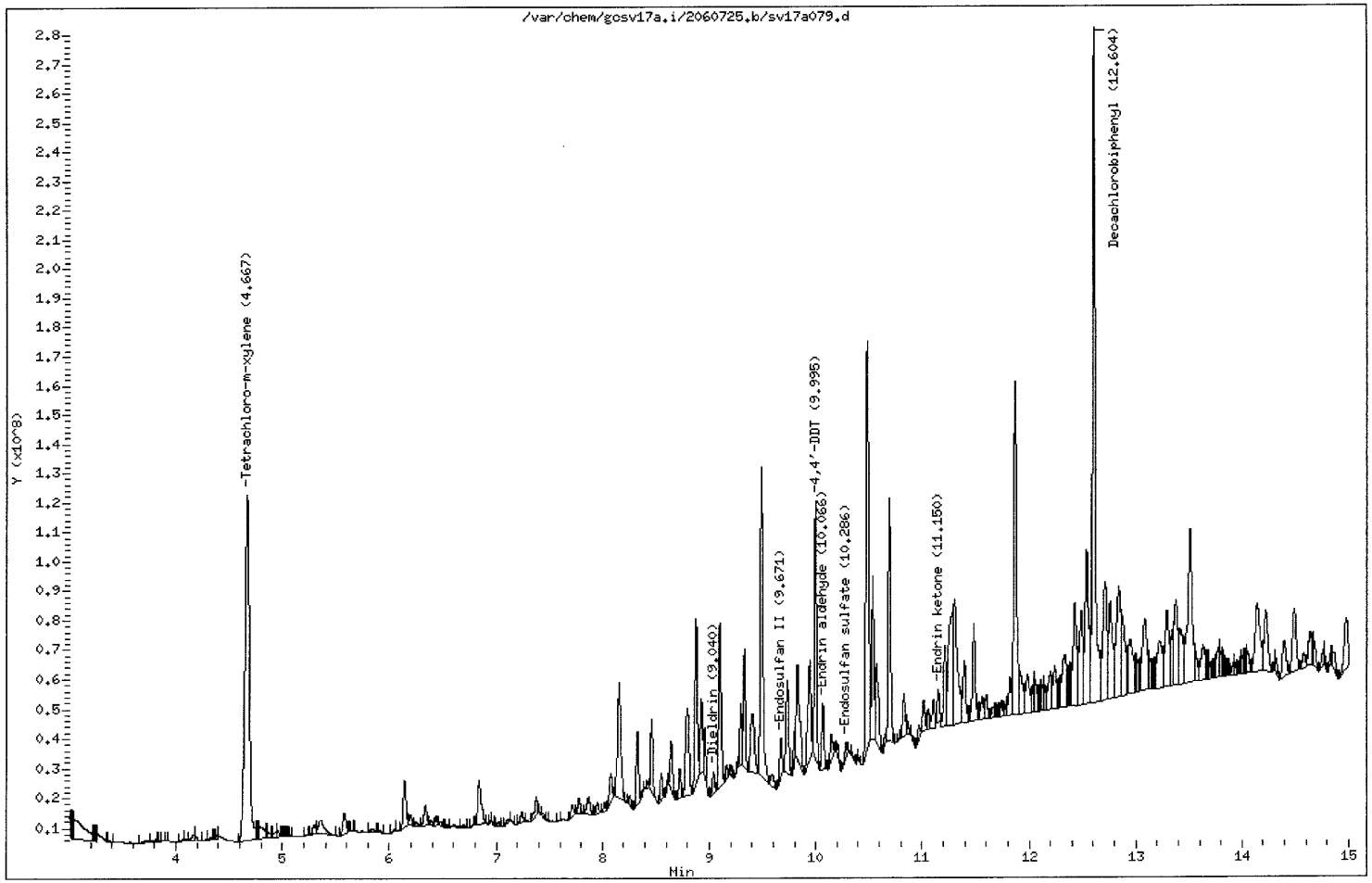
189268

001297

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a079.d
Date : 27-JUL-2006 15:17
Client ID:
Sample Info: 20607200609*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



189269

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b079.d
Report Date: 31-Jul-2006 12:45

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b079.d
Lab Smp Id: 20607200609
Inj Date : 27-JUL-2006 15:38
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200609*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

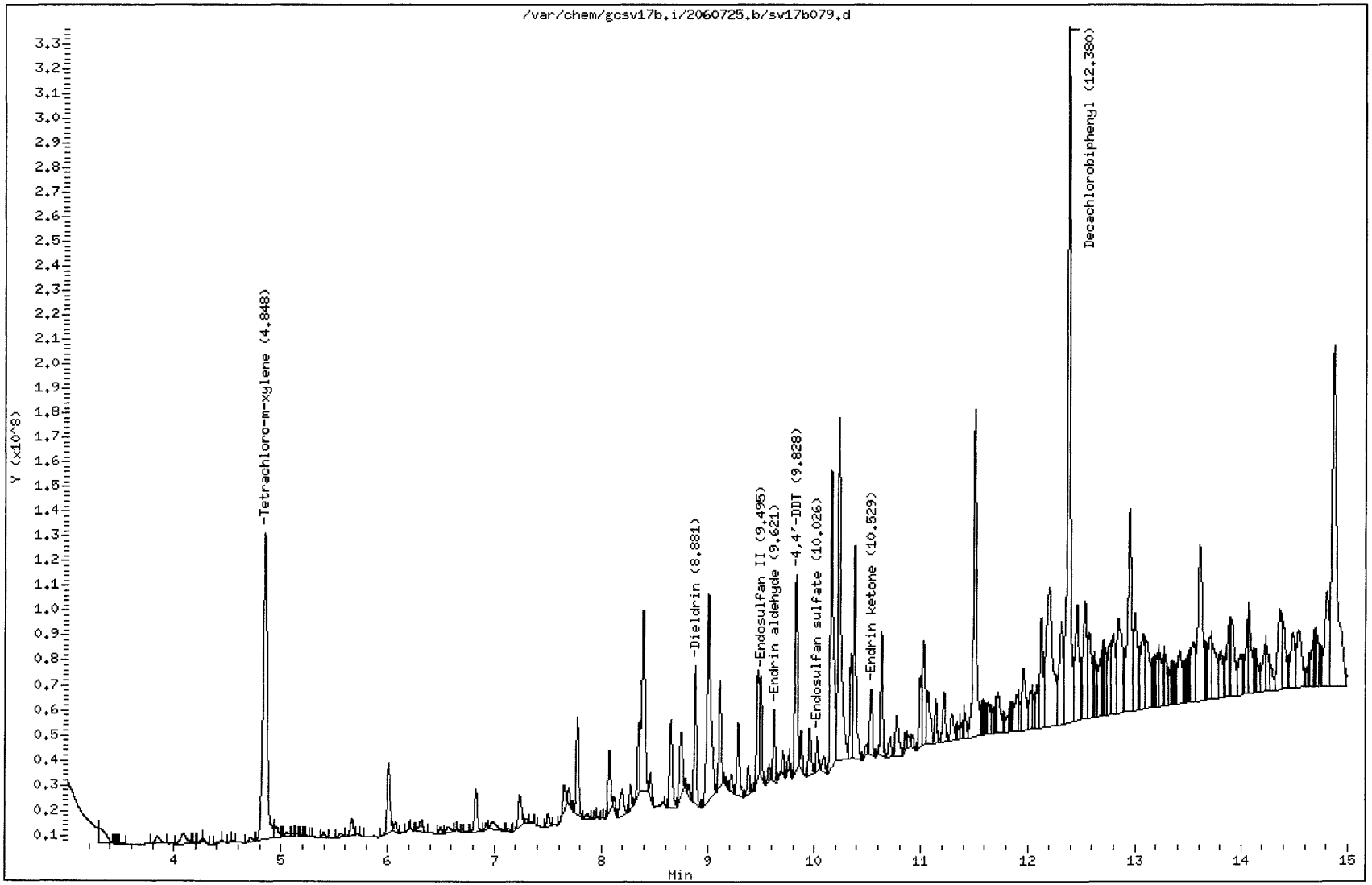
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.848	4.839	0.009	327657773	75.6165	12
13 Dieldrin	8.881	8.881	0.000	80126999	18.0050	3.0
16 Endosulfan II	9.495	9.537	-0.042	59795999	16.0813	2.6
18 Endrin aldehyde	9.621	9.679	-0.058	39236765	12.6040	2.1
17 4,4'-DDT	9.828	9.810	0.018	128954989	39.6062	6.5
20 Endosulfan sulfate	10.026	10.047	-0.021	16857652	5.09002	0.84
21 Endrin ketone	10.529	10.556	-0.027	46969329	11.5028	1.9
$ 22 Decachlorobiphenyl	12.380	12.377	0.003	520899913	157.309	26

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b079.d
Date : 27-JUL-2006 15:38
Client ID:
Sample Info: 20607200609*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001299



189271

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 17.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SF4SB46-092-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200611
Date Collected: 07/18/06 Time: 1700
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1244
Dilution Factor: 10 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A094

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	24.1	U	2.83	24.1
72-55-9	4,4'-DDE	24.1	U	3.92	24.1
50-29-3	4,4'-DDT	24.1	U	1.51	24.1
309-00-2	Aldrin	12.0	U	1.93	12.0
60-57-1	Dieldrin	24.1	U	1.69	24.1
959-98-8	Endosulfan I	12.0	U	2.05	12.0
33213-65-9	Endosulfan II	24.1	U	3.37	24.1
1031-07-8	Endosulfan sulfate	24.1	U	3.19	24.1
72-20-8	Endrin	24.1	U	2.05	24.1
7421-93-4	Endrin aldehyde	24.1	U	4.04	24.1
53494-70-5	Endrin ketone	24.1	U	5.06	24.1
76-44-8	Heptachlor	12.0	U	1.27	12.0
1024-57-3	Heptachlor epoxide	12.0	U	4.28	12.0
72-43-5	Methoxychlor	120	U	7.53	120
8001-35-2	Toxaphene	1200	U	56.5	1200
319-84-6	alpha-BHC	12.0	U	1.93	12.0
5103-71-9	alpha-Chlordane	12.0	U	2.17	12.0
319-85-7	beta-BHC	24.1	U	3.25	24.1
319-86-8	delta-BHC	12.0	U	1.93	12.0
58-89-9	gamma-BHC (Lindane)	12.0	U	3.80	12.0
5103-74-2	gamma-Chlordane	12.0	U	2.65	12.0

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a094.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a094.d
Lab Smp Id: 20607200611
Inj Date : 28-JUL-2006 12:44
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200611*10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 94
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

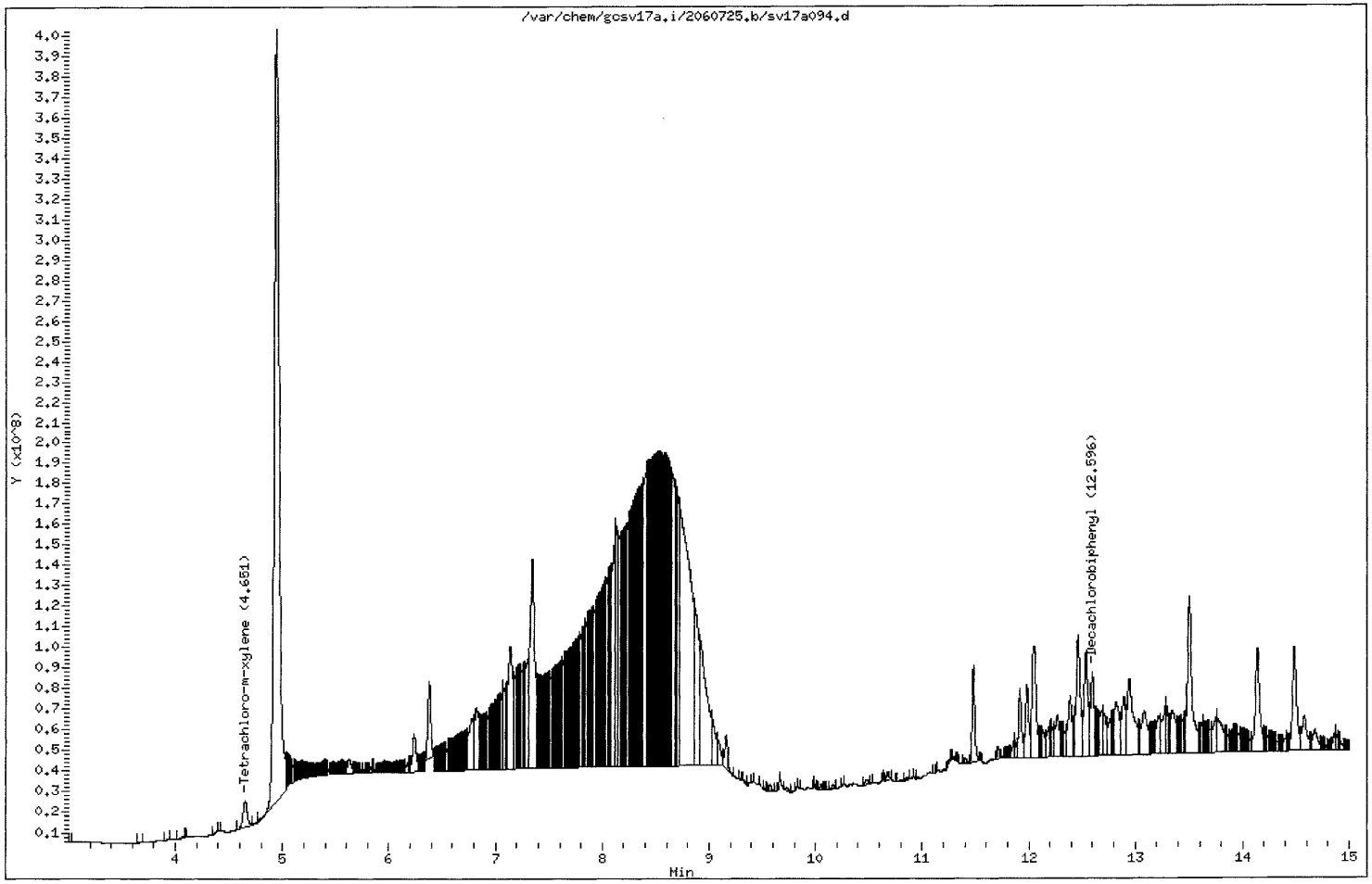
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.651	4.647	0.004	32818940	8.05527	13
$ 22 Decachlorobiphenyl	12.596	12.599	-0.003	96033652	30.7893	51

001302

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a094.d
Date : 28-JUL-2006 12:44
Client ID:
Sample Info: 20607200611*10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



189274

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 9.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SG4SB56-112-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200612
Date Collected: 07/18/06 Time: 1715
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1201
Dilution Factor: 10 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A093

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	21.6	U	2.54	21.6
72-55-9	4,4'-DDE	21.6	U	3.51	21.6
50-29-3	4,4'-DDT	21.6	U	1.35	21.6
309-00-2	Aldrin	10.8	U	1.73	10.8
60-57-1	Dieldrin	21.6	U	1.51	21.6
959-98-8	Endosulfan I	10.8	U	1.84	10.8
33213-65-9	Endosulfan II	6.59	J	3.03	21.6
1031-07-8	Endosulfan sulfate	21.6	U	2.86	21.6
72-20-8	Endrin	21.6	U	1.84	21.6
7421-93-4	Endrin aldehyde	21.6	U	3.62	21.6
53494-70-5	Endrin ketone	21.6	U	4.54	21.6
76-44-8	Heptachlor	10.8	U	1.13	10.8
1024-57-3	Heptachlor epoxide	10.8	U	3.84	10.8
72-43-5	Methoxychlor	108	U	6.76	108
8001-35-2	Toxaphene	1080	U	50.6	1080
319-84-6	alpha-BHC	10.8	U	1.73	10.8
5103-71-9	alpha-Chlordane	10.8	U	1.95	10.8
319-85-7	beta-BHC	21.6	U	2.92	21.6
319-86-8	delta-BHC	10.8	U	1.73	10.8
58-89-9	gamma-BHC (Lindane)	10.8	U	3.40	10.8
5103-74-2	gamma-Chlordane	10.8	U	2.38	10.8

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a093.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a093.d
Lab Smp Id: 20607200612
Inj Date : 28-JUL-2006 12:01
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200612*10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 93
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

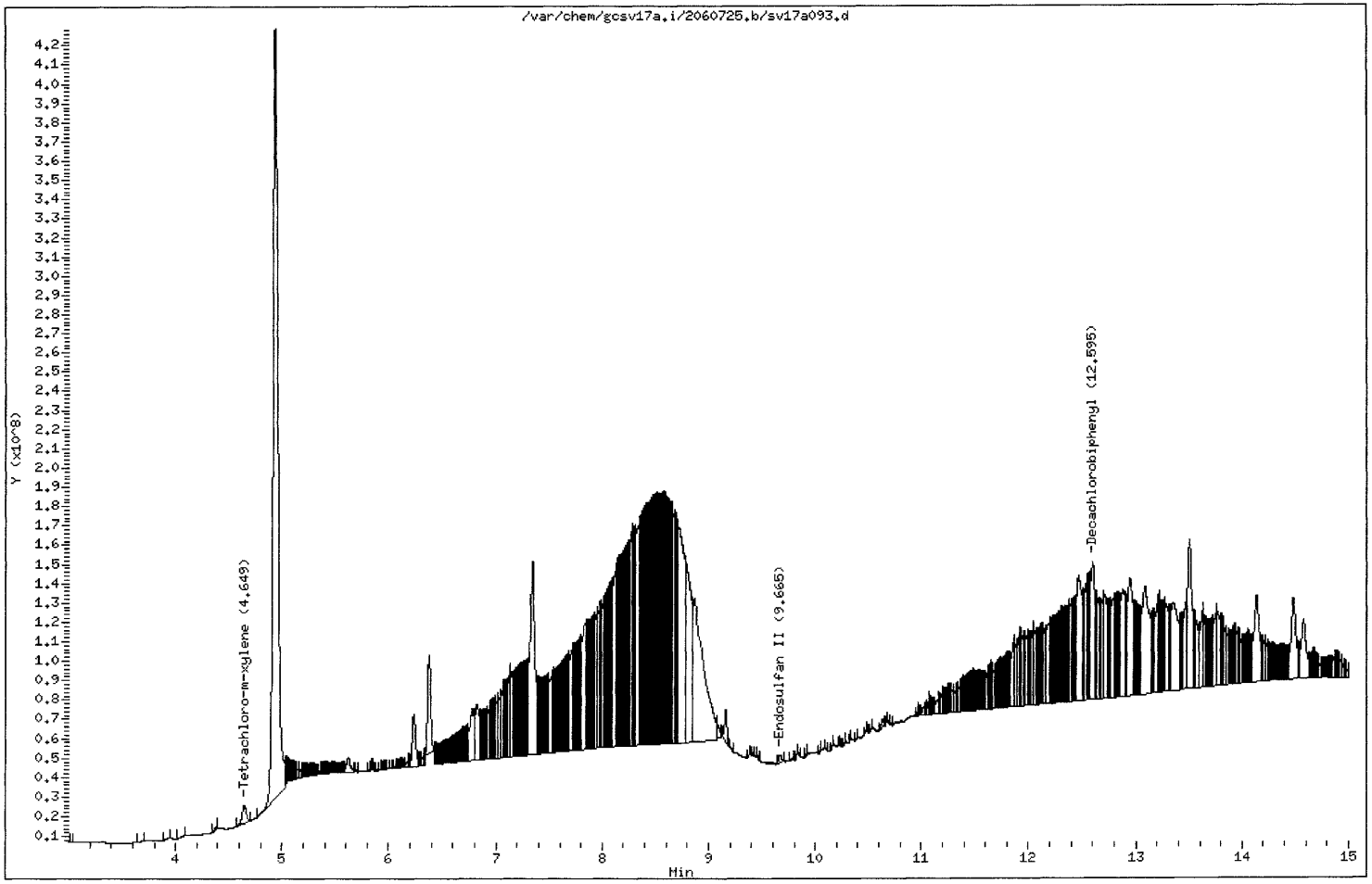
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.649	4.647	0.002	23131767	5.67759	9.3
16 Endosulfan II	9.665	9.693	-0.028	6971021	2.00204	3.3
$ 22 Decachlorobiphenyl	12.595	12.599	-0.004	190885242	61.1996	100

001305

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a093.d
Date : 28-JUL-2006 12:01
Client ID:
Sample Info: 20607200612*10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



189277

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b093.d
Report Date: 31-Jul-2006 12:45

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b093.d
Lab Smp Id: 20607200612
Inj Date : 28-JUL-2006 12:44
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200612*10
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 93
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

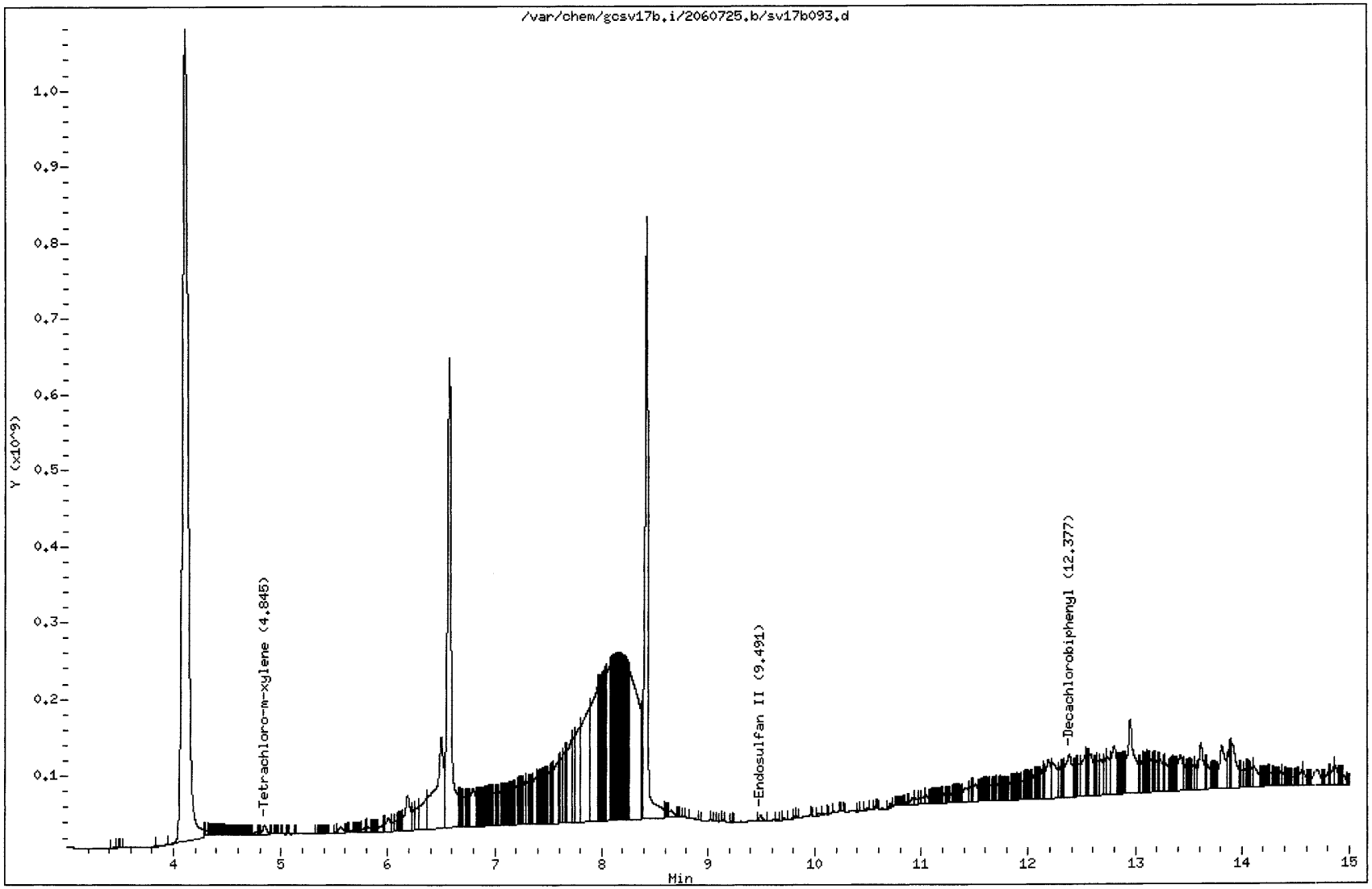
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.845	4.839	0.006	28076475	6.47946	11
16 Endosulfan II	9.491	9.537	-0.046	13709056	3.68686	6.0
$ 22 Decachlorobiphenyl	12.377	12.377	0.000	242514593	73.2381	120

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b093.d
Date : 28-JUL-2006 12:44
Client ID:
Sample Info: 20607200612x10
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001307



189279

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.2 Units: g
Level: (low/med) LOW
% Moisture: 7.3 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SG4SB56-111-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200613
Date Collected: 07/18/06 Time: 1720
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1058
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A090

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.14	U	0.252	2.14
72-55-9	4,4'-DDE	2.14	U	0.348	2.14
50-29-3	4,4'-DDT	2.89		0.134	2.14
309-00-2	Aldrin	1.07	U	0.171	1.07
60-57-1	Dieldrin	2.14	U	0.150	2.14
959-98-8	Endosulfan I	1.07	U	0.182	1.07
33213-65-9	Endosulfan II	1.85	J	0.300	2.14
1031-07-8	Endosulfan sulfate	2.14	U	0.284	2.14
72-20-8	Endrin	2.14	U	0.182	2.14
7421-93-4	Endrin aldehyde	1.19	J	0.359	2.14
53494-70-5	Endrin ketone	3.56		0.450	2.14
76-44-8	Heptachlor	1.07	U	0.112	1.07
1024-57-3	Heptachlor epoxide	1.07	U	0.380	1.07
72-43-5	Methoxychlor	10.7	U	0.670	10.7
8001-35-2	Toxaphene	107	U	5.02	107
319-84-6	alpha-BHC	1.07	U	0.171	1.07
5103-71-9	alpha-Chlordane	1.07	U	0.193	1.07
319-85-7	beta-BHC	2.14	U	0.289	2.14
319-86-8	delta-BHC	1.07	U	0.171	1.07
58-89-9	gamma-BHC (Lindane)	1.07	U	0.337	1.07
5103-74-2	gamma-Chlordane	1.07	U	0.236	1.07

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a090.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a090.d
Lab Smp Id: 20607200613
Inj Date : 28-JUL-2006 10:58
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200613*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.20000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

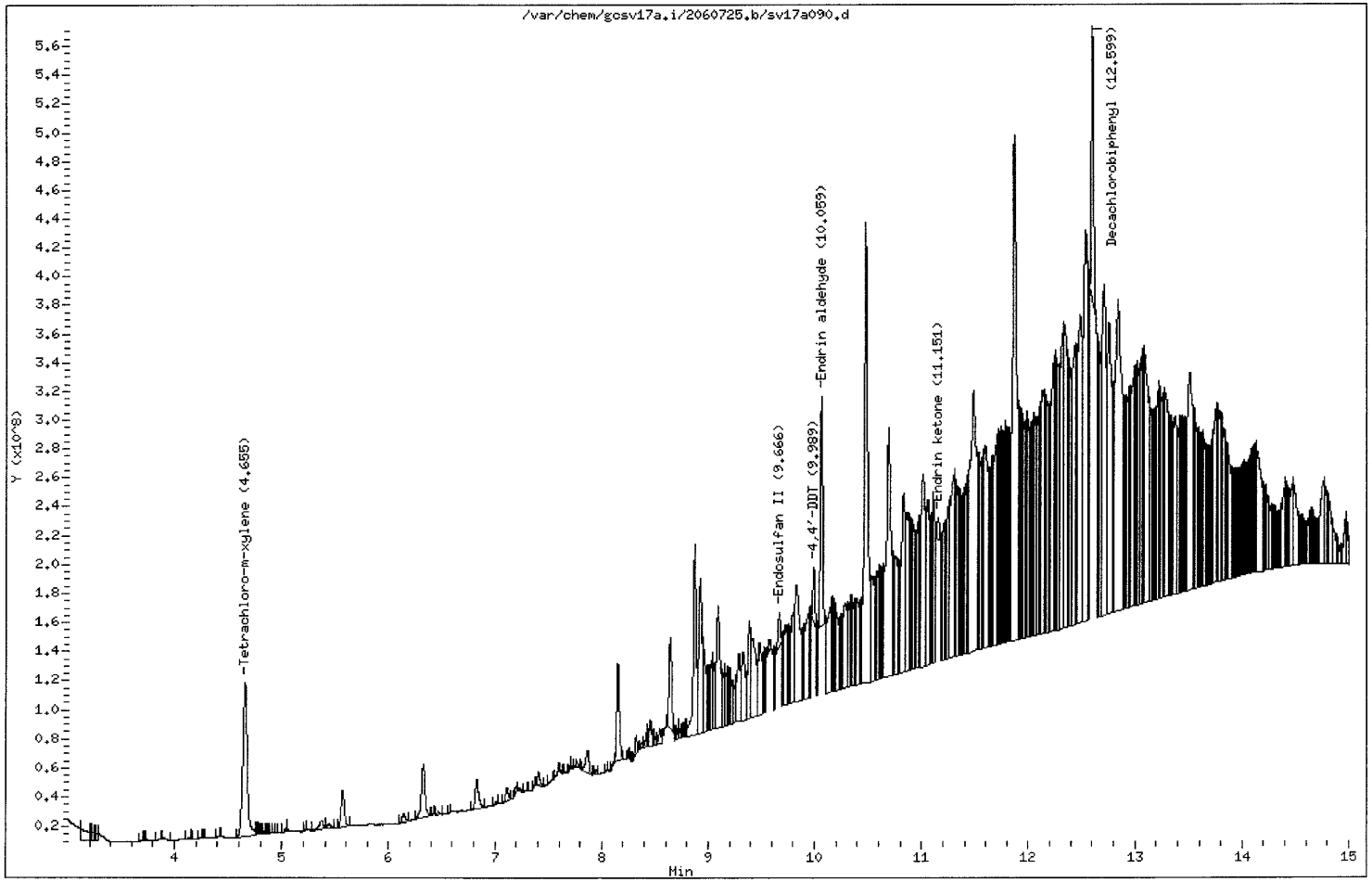
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.655	4.647	0.008	299492078	73.5090	12
16 Endosulfan II	9.666	9.693	-0.027	36210832	10.3995	1.7(M)
17 4,4'-DDT	9.989	9.969	0.020	46865616	16.1880	2.7(M)
18 Endrin aldehyde	10.059	10.059	0.000	225259939	77.0481	13(M)
21 Endrin ketone	11.151	11.137	0.014	19061226	5.09765	0.84(M)
$ 22 Decachlorobiphenyl	12.599	12.599	0.000	266067381	85.3038	14(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a090.d
Date : 28-JUL-2006 10:58
Client ID:
Sample Info: 20607200613*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001310

189282

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b090.d
Report Date: 31-Jul-2006 12:45

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b090.d
Lab Smp Id: 20607200613
Inj Date : 28-JUL-2006 11:19
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200613*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.20000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.851	4.839	0.012	291135027	67.1878	11
16 Endosulfan II	9.578	9.537	0.041	199793417	53.7317	8.9(M)
18 Endrin aldehyde	9.708	9.679	0.029	20031489	6.43469	1.1(M)
17 4,4'-DDT	9.828	9.810	0.018	49928814	15.3347	2.5(M)
21 Endrin ketone	10.526	10.556	-0.030	81258971	19.9003	3.3(M)
$ 22 Decachlorobiphenyl	12.380	12.377	0.003	1646893947	497.353	82(A)

QC Flag Legend

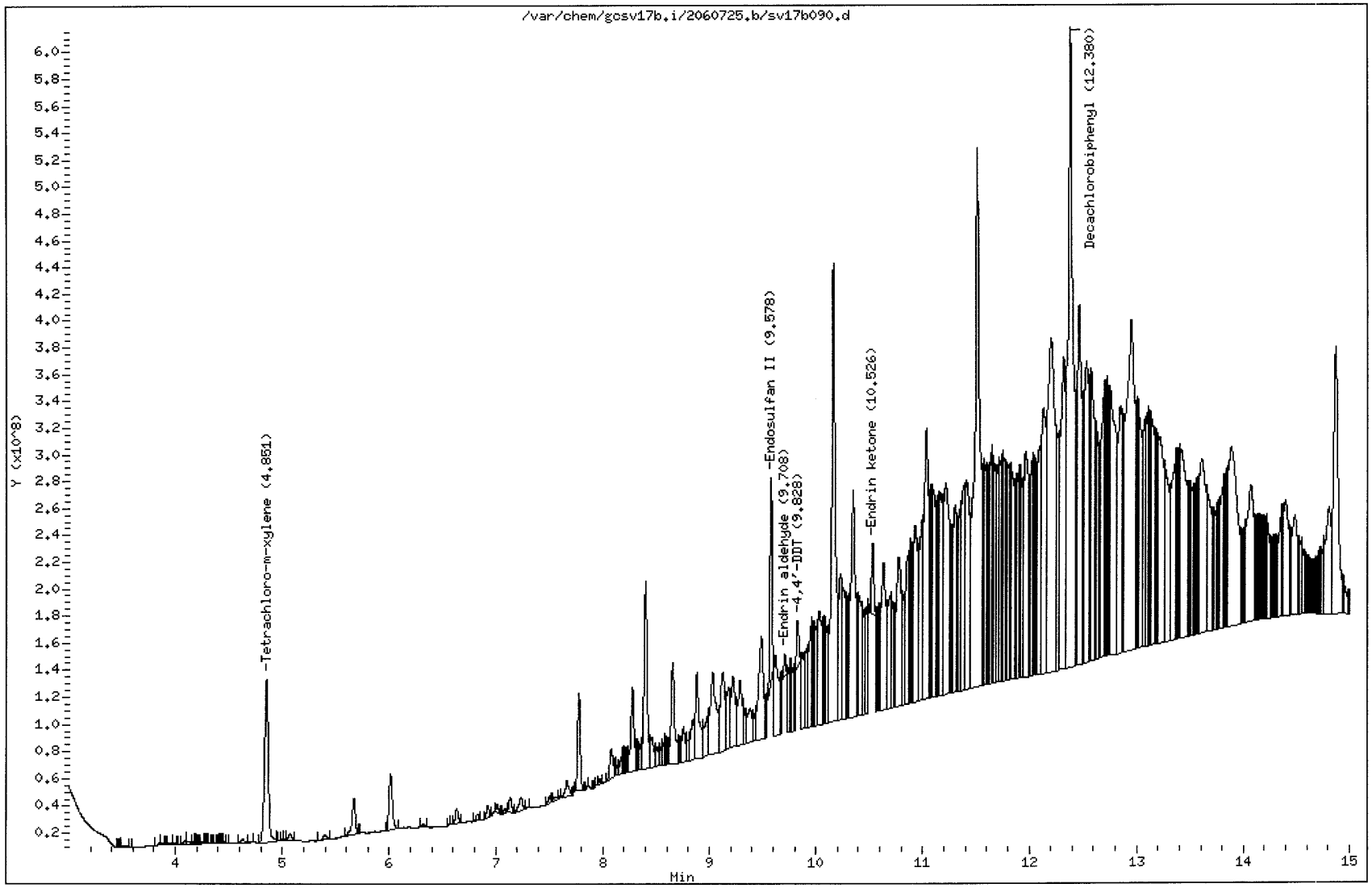
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b090.d
Date : 28-JUL-2006 11:19
Client ID:
Sample Info: 20607200613*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001312



189284

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30.5 Units: g

Level: (low/med) LOW

% Moisture: 18.2 decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328410 Analytical Batch: 328877

CONCENTRATION UNITS: *ug/kg*

Sample ID: SE3SB39-077-(0-0.5)

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 20607200614

Date Collected: 07/18/06 Time: 1650

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/28/06 Time: 1119

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8081

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A091

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.41	U	0.283	2.41
72-55-9	4,4'-DDE	2.41	U	0.391	2.41
50-29-3	4,4'-DDT	2.41	U	0.150	2.41
309-00-2	Aldrin	1.20	U	0.192	1.20
60-57-1	Dieldrin	0.377	J	0.168	2.41
959-98-8	Endosulfan I	1.20	U	0.204	1.20
33213-65-9	Endosulfan II	2.41	U	0.337	2.41
1031-07-8	Endosulfan sulfate	14.7		0.319	2.41
72-20-8	Endrin	2.41	U	0.204	2.41
7421-93-4	Endrin aldehyde	1.74	J	0.403	2.41
53494-70-5	Endrin ketone	2.41	U	0.505	2.41
76-44-8	Heptachlor	1.20	U	0.126	1.20
1024-57-3	Heptachlor epoxide	1.20	U	0.427	1.20
72-43-5	Methoxychlor	12.0	U	0.752	12.0
8001-35-2	Toxaphene	120	U	5.64	120
319-84-6	alpha-BHC	0.550	J	0.192	1.20
5103-71-9	alpha-Chlordane	1.20	U	0.217	1.20
319-85-7	beta-BHC	2.41	U	0.325	2.41
319-86-8	delta-BHC	1.20	U	0.192	1.20
58-89-9	gamma-BHC (Lindane)	1.20	U	0.379	1.20
5103-74-2	gamma-Chlordane	1.20	U	0.265	1.20

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a091.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a091.d
Lab Smp Id: 20607200614
Inj Date : 28-JUL-2006 11:19
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200614*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 91
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.658	4.647	0.011	343393591	84.2845	14
2 alpha-BHC	5.791	5.789	0.002	8705814	1.57466	0.26
13 Dieldrin	9.043	9.033	0.010	7798731	1.87193	0.31
18 Endrin aldehyde	10.075	10.059	0.016	25270465	8.64353	1.4(M)
20 Endosulfan sulfate	10.286	10.259	0.027	218655628	69.2353	11(M)
$ 22 Decachlorobiphenyl	12.595	12.599	-0.004	174514767	55.9511	9.2(M)

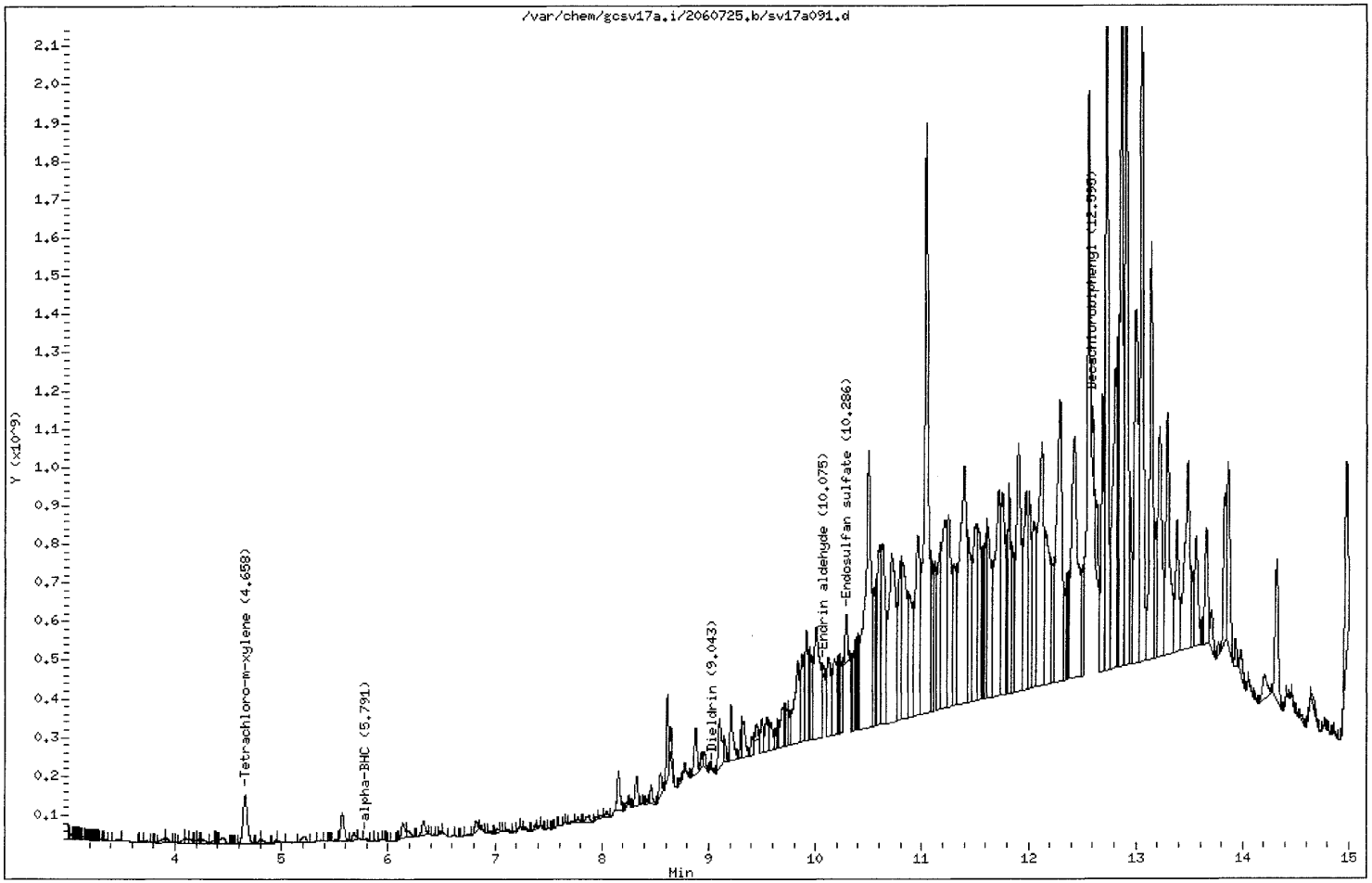
QC Flag Legend

M - Compound response manually integrated.

001315

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a091.d
Date : 28-JUL-2006 11:19
Client ID:
Sample Info: 20607200614*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189287

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b091.d
Report Date: 17-Aug-2006 10:35

Gulf Coast Analytical Services

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b091.d
Lab Smp Id: 20607200614
Inj Date : 28-JUL-2006 11:40
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200614*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 91
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.850	4.839	0.011	362240045	83.5973	14
2 alpha-BHC	5.550	5.547	0.003	15896631	2.72326	0.45(M)
13 Dieldrin	8.887	8.881	0.006	359156784	80.7045	13(M)
18 Endrin aldehyde	9.667	9.679	-0.012	107206567	34.4379	5.6(M)
20 Endosulfan sulfate	10.050	10.047	0.003	239370302	72.2758	12(M)
$ 22 Decachlorobiphenyl	12.366	12.377	-0.011	4670038108	1410.33	230(A)

QC Flag Legend

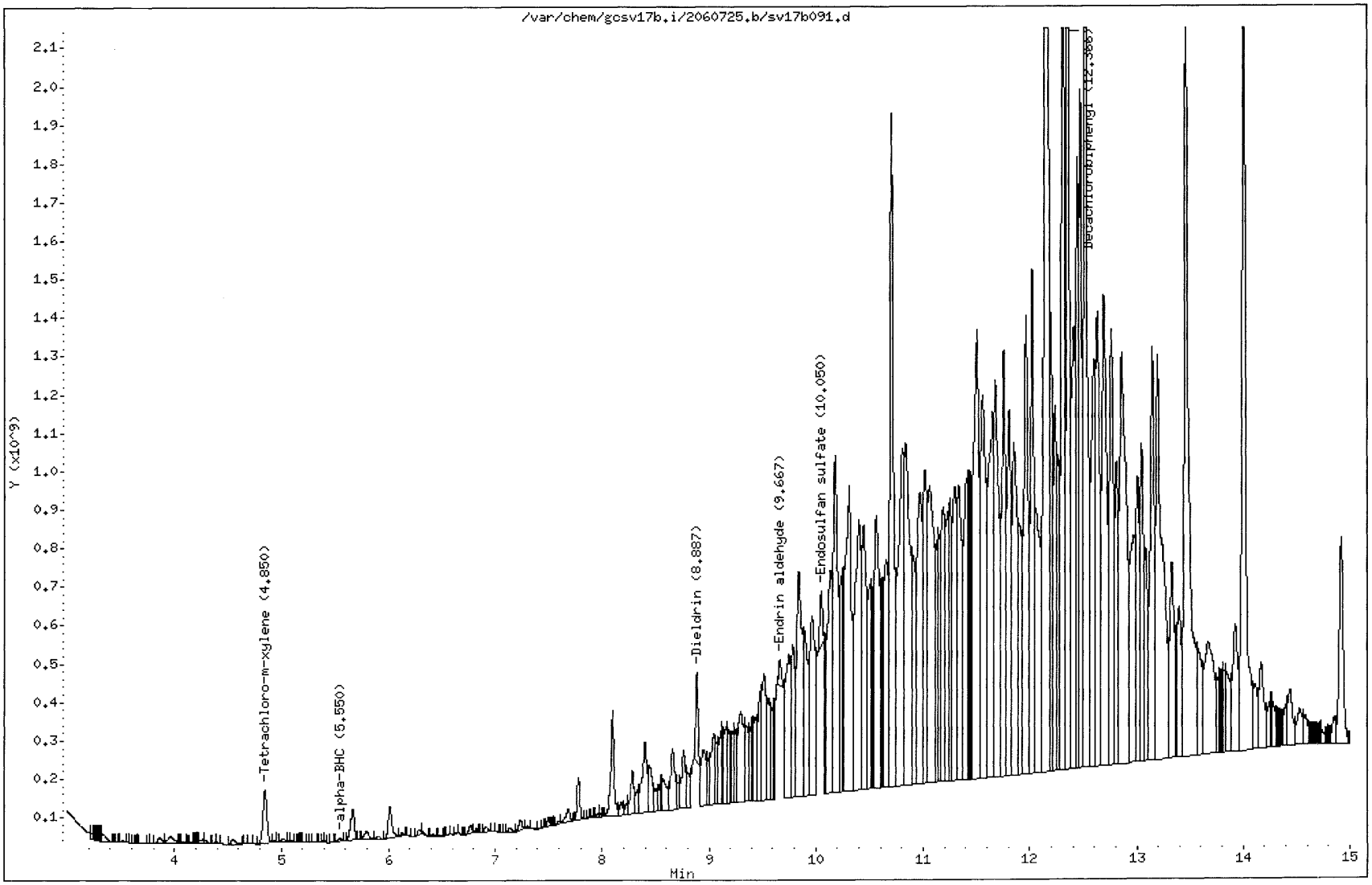
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b091.d
Date : 28-JUL-2006 11:40
Client ID:
Sample Info: 20607200614*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001317



189289

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 16.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SE3SB39-078-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200615
Date Collected: 07/18/06 Time: 1645
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1306
Dilution Factor: 10 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A095

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	23.8	U	2.80	23.8
72-55-9	4,4'-DDE	23.8	U	3.87	23.8
50-29-3	4,4'-DDT	23.8	U	1.49	23.8
309-00-2	Aldrin	11.9	U	1.91	11.9
60-57-1	Dieldrin	23.8	U	1.67	23.8
959-98-8	Endosulfan I	11.9	U	2.02	11.9
33213-65-9	Endosulfan II	23.8	U	3.33	23.8
1031-07-8	Endosulfan sulfate	23.8	U	3.16	23.8
72-20-8	Endrin	23.8	U	2.02	23.8
7421-93-4	Endrin aldehyde	23.8	U	3.99	23.8
53494-70-5	Endrin ketone	23.8	U	5.00	23.8
76-44-8	Heptachlor	11.9	U	1.25	11.9
1024-57-3	Heptachlor epoxide	11.9	U	4.23	11.9
72-43-5	Methoxychlor	119	U	7.44	119
8001-35-2	Toxaphene	1190	U	55.8	1190
319-84-6	alpha-BHC	11.9	U	1.91	11.9
5103-71-9	alpha-Chlordane	11.9	U	2.14	11.9
319-85-7	beta-BHC	6.60	J	3.22	23.8
319-86-8	delta-BHC	11.9	U	1.91	11.9
58-89-9	gamma-BHC (Lindane)	11.9	U	3.75	11.9
5103-74-2	gamma-Chlordane	11.9	U	2.62	11.9

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a095.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a095.d
Lab Smp Id: 20607200615
Inj Date : 28-JUL-2006 13:06
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200615*10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 95
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

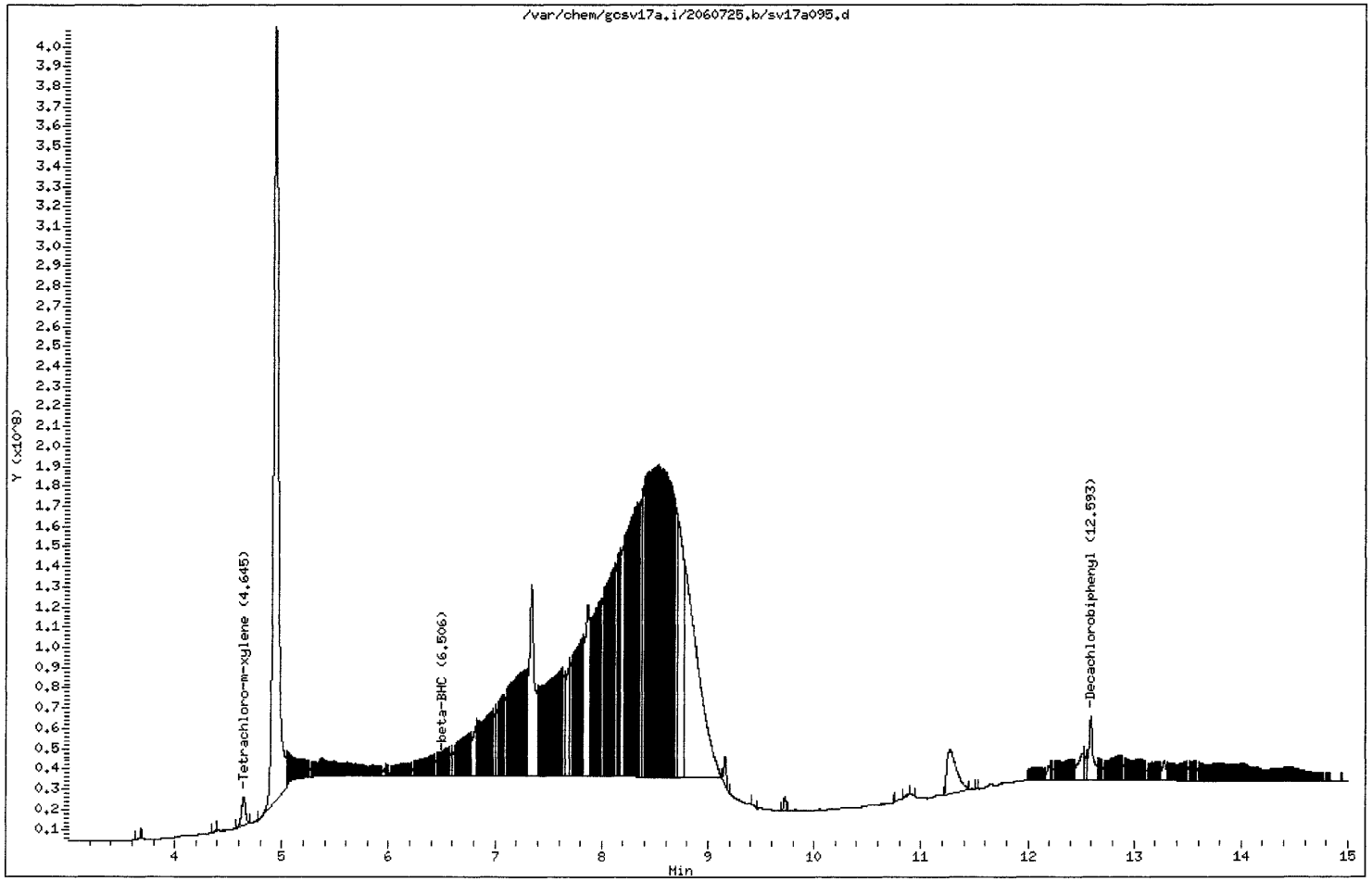
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.645	4.647	-0.002	35554465	8.72669	15
6 beta-BHC	6.506	6.498	0.008	7451279	3.32364	5.5
$ 22 Decachlorobiphenyl	12.593	12.599	-0.006	85391419	27.3773	46

001320

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a095.d
Date : 28-JUL-2006 13:06
Client ID:
Sample Info: 20607200615M10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189292

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b095.d
Report Date: 31-Jul-2006 12:45

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b095.d
Lab Smp Id: 20607200615
Inj Date : 28-JUL-2006 13:27
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200615*10
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 95
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.842	4.839	0.003	42839680	9.88649	16
6 beta-BHC	6.568	6.550	0.018	1055856696	427.804	710(AM)
$ 22 Decachlorobiphenyl	12.375	12.377	-0.002	93061009	28.1039	47

QC Flag Legend

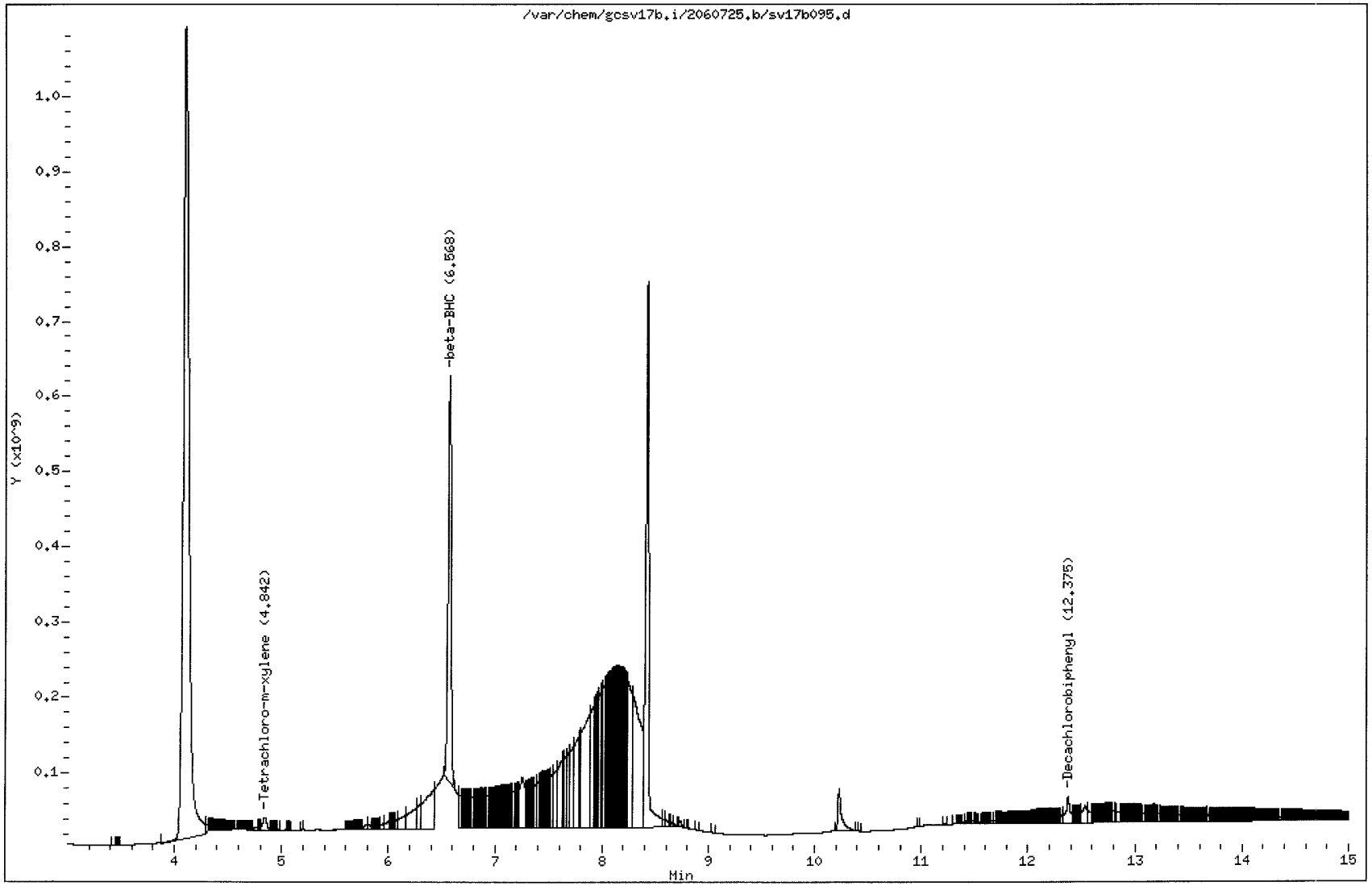
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b095.d
Date : 28-JUL-2006 13:27
Client ID:
Sample Info: 20607200615*10
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001322



189294

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 7.4 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SH5SB66-131-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200616
Date Collected: 07/18/06 Time: 1750
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1140
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A092

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.12	U	0.250	2.12
72-55-9	4,4'-DDE	2.12	U	0.345	2.12
50-29-3	4,4'-DDT	2.12	U	0.133	2.12
309-00-2	Aldrin	1.06	U	0.170	1.06
60-57-1	Dieldrin	2.12	U	0.149	2.12
959-98-8	Endosulfan I	1.06	U	0.180	1.06
33213-65-9	Endosulfan II	2.12	U	0.297	2.12
1031-07-8	Endosulfan sulfate	2.12	U	0.281	2.12
72-20-8	Endrin	2.12	U	0.180	2.12
7421-93-4	Endrin aldehyde	2.12	U	0.356	2.12
53494-70-5	Endrin ketone	2.12	U	0.446	2.12
76-44-8	Heptachlor	1.06	U	0.111	1.06
1024-57-3	Heptachlor epoxide	1.06	U	0.377	1.06
72-43-5	Methoxychlor	10.6	U	0.664	10.6
8001-35-2	Toxaphene	106	U	4.97	106
319-84-6	alpha-BHC	1.06	U	0.170	1.06
5103-71-9	alpha-Chlordane	1.06	U	0.191	1.06
319-85-7	beta-BHC	2.12	U	0.287	2.12
319-86-8	delta-BHC	1.06	U	0.170	1.06
58-89-9	gamma-BHC (Lindane)	1.06	U	0.334	1.06
5103-74-2	gamma-Chlordane	1.06	U	0.234	1.06

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a092.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a092.d
Lab Smp Id: 20607200616
Inj Date : 28-JUL-2006 11:40
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200616*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 92
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.654	4.647	0.007	274244506	67.3121	11
$ 22 Decachlorobiphenyl	12.596	12.599	-0.003	270941058	86.8663	14(M)

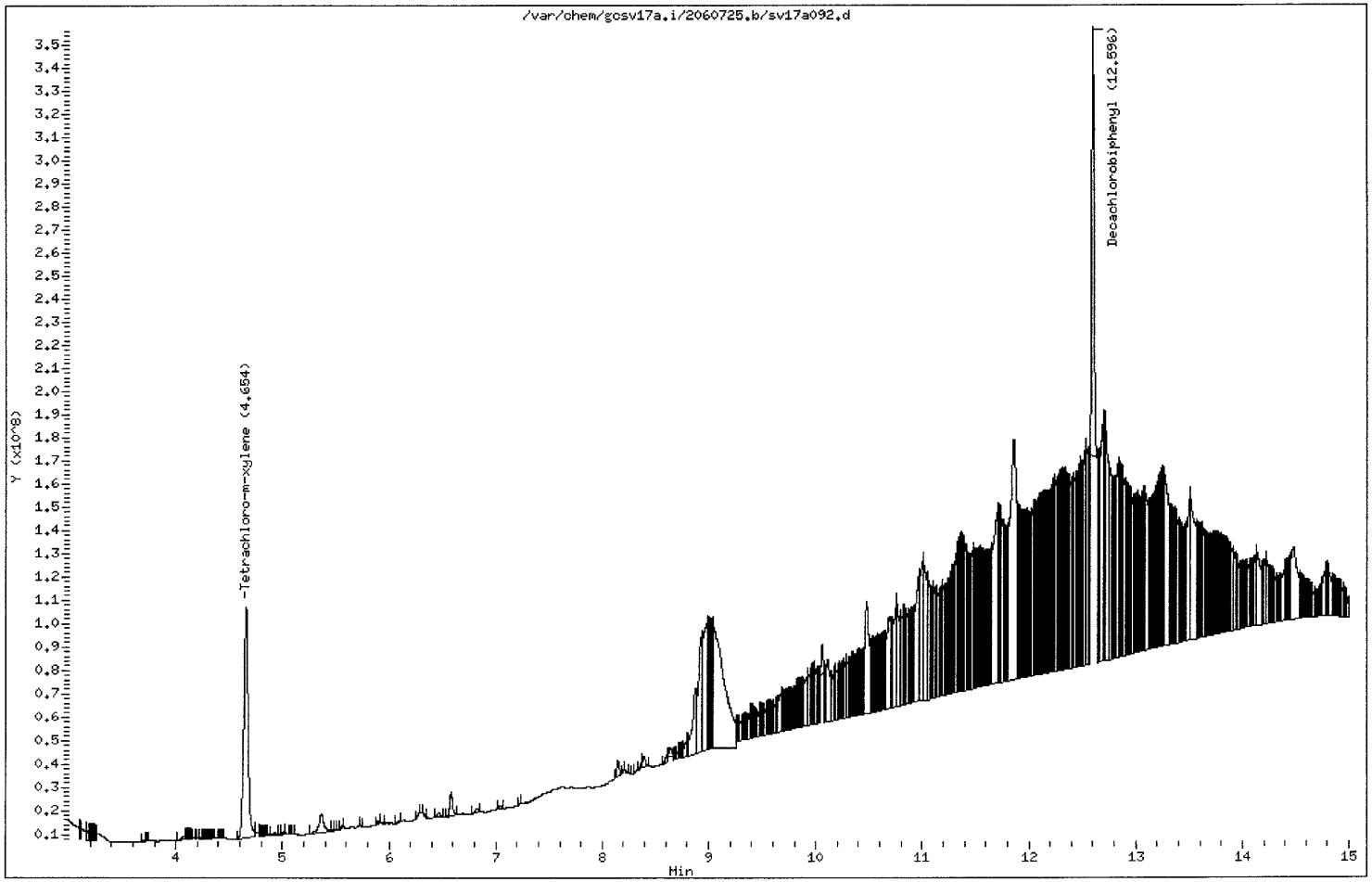
QC Flag Legend

M - Compound response manually integrated.

001325

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a092.d
Date : 28-JUL-2006 11:40
Client ID:
Sample Info: 20607200616*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189297

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 11.9 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SH5SB66-132-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200617
Date Collected: 07/18/06 Time: 1755
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/26/06 Time: 1520
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A059

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.27	U	0.267	2.27
72-55-9	4,4'-DDE	2.27	U	0.369	2.27
50-29-3	4,4'-DDT	2.27	U	0.142	2.27
309-00-2	Aldrin	1.13	U	0.182	1.13
60-57-1	Dieldrin	2.27	U	0.159	2.27
959-98-8	Endosulfan I	1.13	U	0.193	1.13
33213-65-9	Endosulfan II	2.27	U	0.318	2.27
1031-07-8	Endosulfan sulfate	2.27	U	0.301	2.27
72-20-8	Endrin	2.27	U	0.193	2.27
7421-93-4	Endrin aldehyde	2.27	U	0.380	2.27
53494-70-5	Endrin ketone	2.27	U	0.477	2.27
76-44-8	Heptachlor	1.13	U	0.119	1.13
1024-57-3	Heptachlor epoxide	1.13	U	0.403	1.13
72-43-5	Methoxychlor	11.3	U	0.709	11.3
8001-35-2	Toxaphene	113	U	5.32	113
319-84-6	alpha-BHC	1.13	U	0.182	1.13
5103-71-9	alpha-Chlordane	1.13	U	0.204	1.13
319-85-7	beta-BHC	2.27	U	0.306	2.27
319-86-8	delta-BHC	1.13	U	0.182	1.13
58-89-9	gamma-BHC (Lindane)	1.13	U	0.357	1.13
5103-74-2	gamma-Chlordane	1.13	U	0.250	1.13

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a059.d
Report Date: 31-Jul-2006 14:10

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a059.d
Lab Smp Id: 20607200617
Inj Date : 26-JUL-2006 15:20
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200617*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 59
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.644	4.647	-0.003	273146882	67.0427	11
$ 22 Decachlorobiphenyl	12.595	12.599	-0.004	220401259	70.6628	12

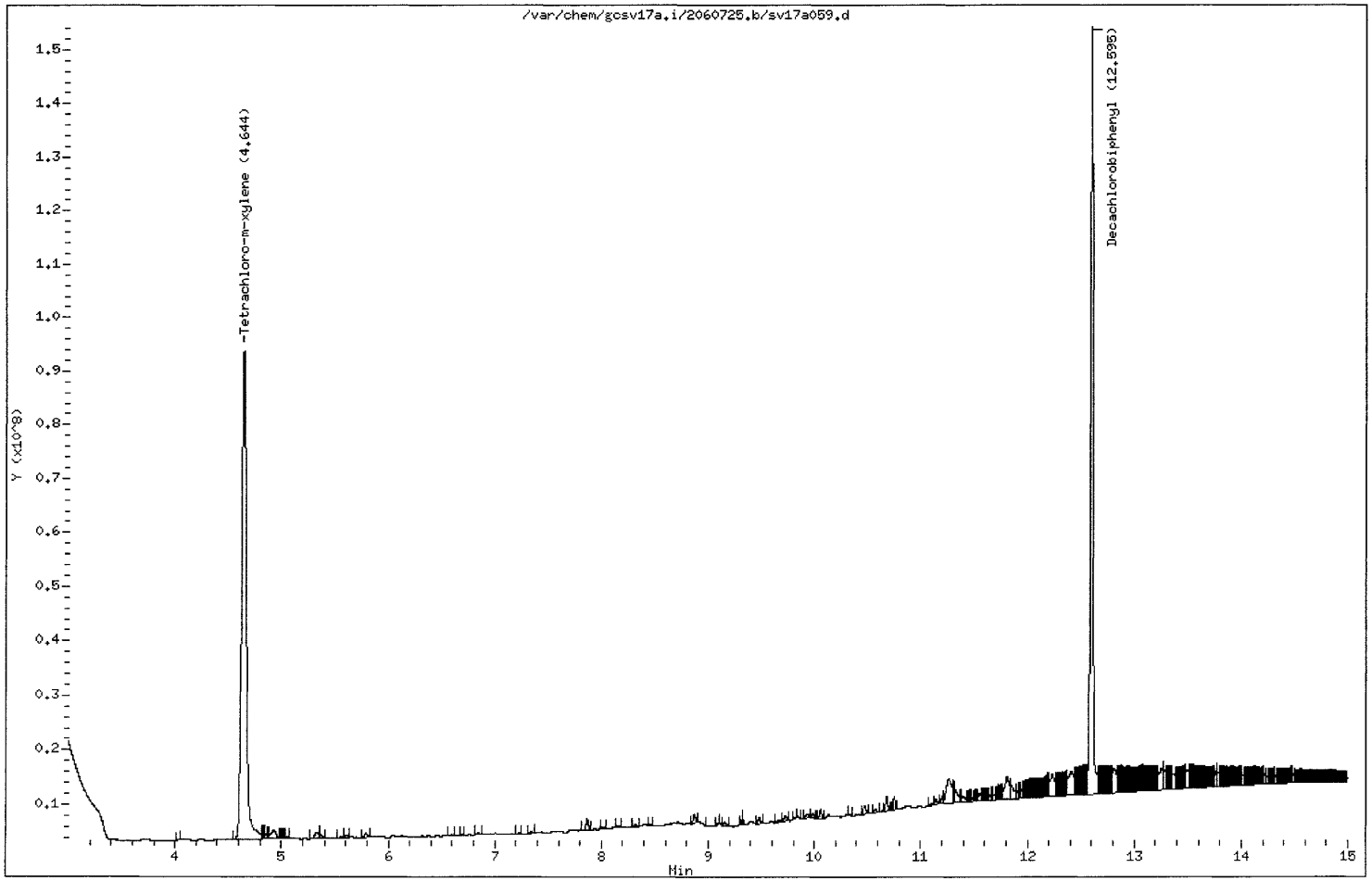
001327

189299

001328

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a059.d
Date : 26-JUL-2006 15:20
Client ID:
Sample Info: 20607200617M1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189300

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328464 Analytical Batch: 328835

Sample ID: FB-503
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200622
Date Collected: 07/18/06 Time: 1845
Date Received: 07/20/06
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 0357
Dilution Factor: 1 Analyst: TLS
Prep Method: 3510C
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060723/SV17A037

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	0.050	U	0.00196	0.050
72-55-9	4,4'-DDE	0.050	U	0.00556	0.050
50-29-3	4,4'-DDT	0.050	U	0.00583	0.050
309-00-2	Aldrin	0.025	U	0.00261	0.025
60-57-1	Dieldrin	0.050	U	0.00471	0.050
959-98-8	Endosulfan I	0.025	U	0.00277	0.025
33213-65-9	Endosulfan II	0.050	U	0.00778	0.050
1031-07-8	Endosulfan sulfate	0.050	U	0.00254	0.050
72-20-8	Endrin	0.050	U	0.00832	0.050
7421-93-4	Endrin aldehyde	0.050	U	0.00484	0.050
53494-70-5	Endrin ketone	0.050	U	0.00426	0.050
76-44-8	Heptachlor	0.025	U	0.00439	0.025
1024-57-3	Heptachlor epoxide	0.025	U	0.00732	0.025
72-43-5	Methoxychlor	0.250	U	0.00214	0.250
8001-35-2	Toxaphene	2.50	U	0.275	2.50
319-84-6	alpha-BHC	0.025	U	0.00211	0.025
5103-71-9	alpha-Chlordane	0.025	U	0.00274	0.025
319-85-7	beta-BHC	0.025	U	0.00424	0.025
319-86-8	delta-BHC	0.025	U	0.00232	0.025
58-89-9	gamma-BHC (Lindane)	0.025	U	0.00255	0.025
5103-74-2	gamma-Chlordane	0.025	U	0.00542	0.025

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a037.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a037.d
Lab Smp Id: 20607200622
Inj Date : 24-JUL-2006 03:57
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200622*1
Misc Info : GCSV~9694~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 16:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 37
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

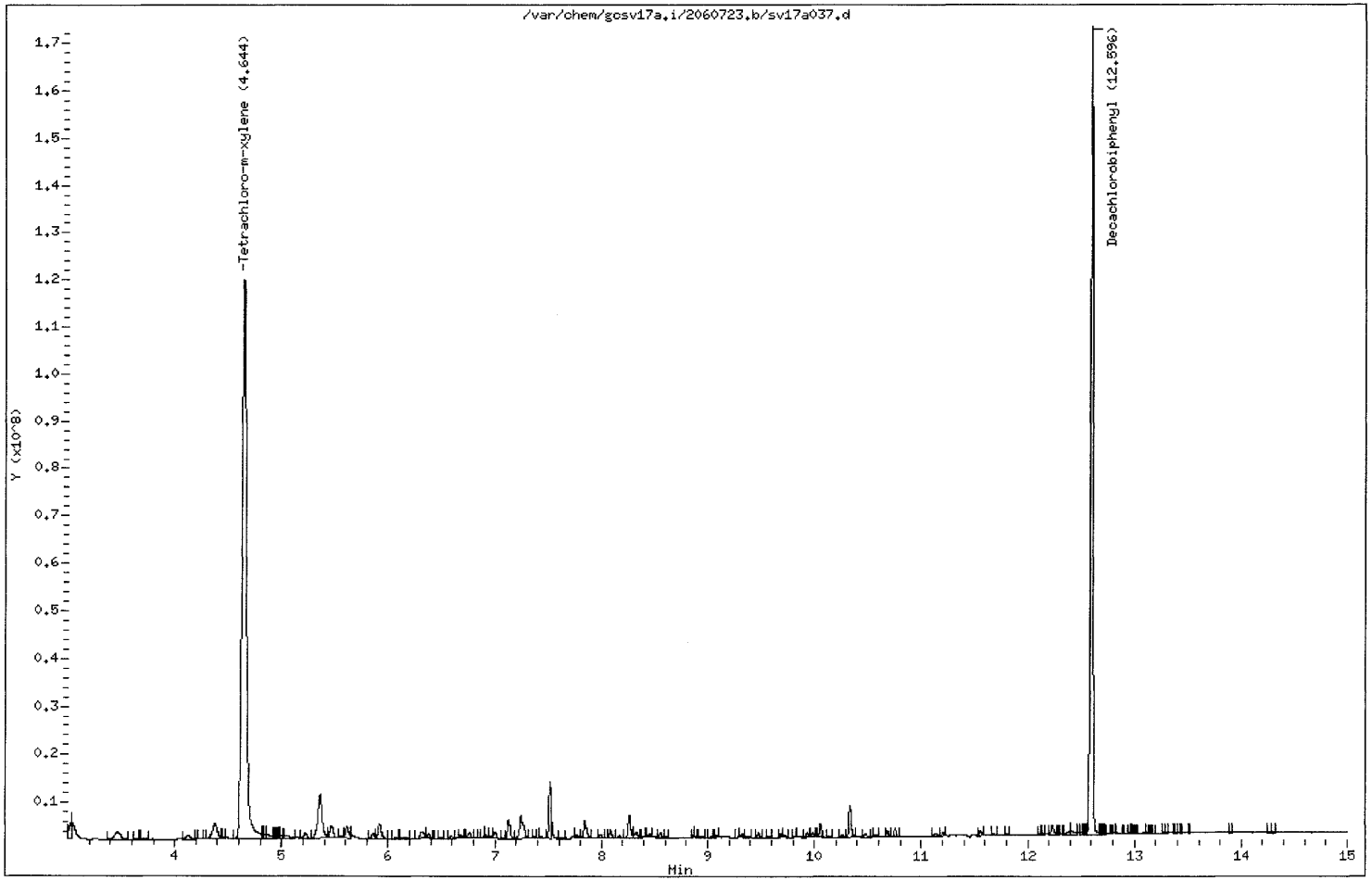
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/L)
$ 1 Tetrachloro-m-xylene	4.644	4.649	-0.005	336144820	82.5053	0.41
$ 22 Decachlorobiphenyl	12.596	12.601	-0.005	248892942	79.7975	0.40

001331

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a037.d
Date : 24-JUL-2006 03:57
Client ID:
Sample Info: 20607200622*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189303

Report Date : 16-Aug-2006 09:34

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 17:56
End Cal Date : 21-JUL-2006 00:57
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date : 26-Jul-2006 16:25 tls
Curve Type : Average

Calibration File Names:
Level 1: /var/chem/gcsv17a.i/2060720.b/sv17a018.d
Level 2: /var/chem/gcsv17a.i/2060720.b/sv17a019.d
Level 3: /var/chem/gcsv17a.i/2060720.b/sv17a020.d
Level 4: /var/chem/gcsv17a.i/2060720.b/sv17a021.d
Level 5: /var/chem/gcsv17a.i/2060720.b/sv17a022.d
Level 6: /var/chem/gcsv17a.i/2060720.b/sv17a017.d

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
	2 alpha-BHC	5169889	5604575	5546566	5556361	5594436	5700269	5528683	3.329
	3 gamma-BHC (Lindane)	4713497	4886397	4795790	4798317	4845940	+++++	4807988	1.346
	4 Heptachlor	3766714	4024910	3974637	3977057	4045191	+++++	3957702	2.805
	5 Aldrin	4317225	4507002	4423566	4444236	4448241	+++++	4428054	1.565
	6 beta-BHC	2483400	2279386	2150988	2143636	2152122	+++++	2241906	6.529
	7 delta-BHC	4632714	4842514	4775540	4759452	4803666	+++++	4762777	1.664
	8 Heptachlor epoxide	3971595	3967564	3863706	3881798	3896410	+++++	3916215	1.279
	9 Endosulfan I	3478561	3640135	3611628	3681095	3651476	+++++	3612579	2.185
	10 gamma-Chlordane	4120567	4065386	3968127	3980176	3986437	+++++	4024139	1.643
	11 alpha-Chlordane	3684989	3831788	3748052	3725152	3773843	+++++	3752765	1.464
	12 4,4'-DDE	4164350	4155276	4017942	4043341	4054263	+++++	4087034	1.659
	13 Dieldrin	4131290	4228754	4126093	4168170	4176447	+++++	4166151	0.993
	14 Endrin	3370248	3370408	3273421	3273619	3358968	+++++	3329333	1.537
	15 4,4'-DDD	3304731	3306781	3261270	3290062	3324888	+++++	3297546	0.720
	16 Endosulfan II	3472352	3527129	3441915	3475947	3492493	+++++	3481967	0.895
	17 4,4'-DDT	2730852	2844561	2903942	2953630	3042443	+++++	2895086	4.041
	18 Endrin aldehyde	3133292	2946951	2828521	2859335	2850045	+++++	2923629	4.296
	19 Methoxychlor	1452085	1504393	1532284	1571485	1612179	+++++	1534485	4.005
	20 Endosulfan sulfate	3260646	3185232	3089760	3107460	3147665	+++++	3158153	2.159
	21 Endrin ketone	3825994	3776094	3660740	3705743	3727525	+++++	3739219	1.708
M	23 AR 1016-AVG	752339	708125	681106	650706	623058	774036	698228	8.345

Report Date : 16-Aug-2006 09:34

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 17:56
End Cal Date : 21-JUL-2006 00:57
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date : 26-Jul-2006 16:25 tls
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
	24 AR 1016-PEAK1	86118	79028	73070	67229	63085	86152	75780	12.748
	25 AR 1016-PEAK2	189973	177535	167336	158043	149468	196399	173126	10.543
	26 AR 1016-PEAK3	353038	336484	330776	320097	309275	363595	335544	6.027
	27 AR 1016-PEAK4	123210	115078	109924	105337	101230	127890	113778	9.077
M	28 AR 1260-AVG	958194	930792	916749	906839	899537	981154	932211	3.400
	29 AR 1260-PEAK1	124314	118476	114457	111425	108877	134516	118677	7.986
	30 AR 1260-PEAK2	208937	195435	187724	183273	179867	205319	193426	6.141
	31 AR 1260-PEAK3	230289	221743	217541	213478	210660	245615	223221	5.802
	32 AR 1260-PEAK4	394654	395138	397027	398663	400132	395705	396886	0.542
M	33 AR 1260-AVGII	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	34 AR 1260-PEAK5	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	35 AR 1260-PEAK6	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	36 AR 1260-PEAK7	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	37 AR 1221-AVG	+++++	+++++	135467	+++++	+++++	+++++	135467	0.000
	38 AR 1221-PEAK1	+++++	+++++	36514	+++++	+++++	+++++	36514	0.000
	39 AR 1221-PEAK2	+++++	+++++	44997	+++++	+++++	+++++	44997	0.000
	40 AR 1221-PEAK3	+++++	+++++	29170	+++++	+++++	+++++	29170	0.000
	41 AR 1221-PEAK4	+++++	+++++	24786	+++++	+++++	+++++	24786	0.000
M	42 AR 1232-AVG	+++++	+++++	334285	+++++	+++++	+++++	334285	0.000
	43 AR 1232-PEAK1	+++++	+++++	81795	+++++	+++++	+++++	81795	0.000
	44 AR 1232-PEAK2	+++++	+++++	76196	+++++	+++++	+++++	76196	0.000
	45 AR 1232-PEAK3	+++++	+++++	128436	+++++	+++++	+++++	128436	0.000
	46 AR 1232-PEAK4	+++++	+++++	47859	+++++	+++++	+++++	47859	0.000
M	47 AR 1242-AVG	+++++	+++++	556023	+++++	+++++	+++++	556023	0.000
	48 AR 1242-PEAK1	+++++	+++++	130076	+++++	+++++	+++++	130076	0.000
	49 AR 1242-PEAK2	+++++	+++++	249591	+++++	+++++	+++++	249591	0.000
	50 AR 1242-PEAK3	+++++	+++++	84708	+++++	+++++	+++++	84708	0.000
	51 AR 1242-PEAK4	+++++	+++++	91649	+++++	+++++	+++++	91649	0.000
M	52 AR 1248-AVG	+++++	+++++	537071	+++++	+++++	+++++	537071	0.000

Report Date : 16-Aug-2006 09:34

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 17:56
End Cal Date : 21-JUL-2006 00:57
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date : 26-Jul-2006 16:25 tls
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
	53 AR 1248-PEAK1	++++++	++++++	104716	++++++	++++++	++++++	104716	0.000
	54 AR 1248-PEAK2	++++++	++++++	134638	++++++	++++++	++++++	134638	0.000
	55 AR 1248-PEAK3	++++++	++++++	173200	++++++	++++++	++++++	173200	0.000
	56 AR 1248-PEAK4	++++++	++++++	124517	++++++	++++++	++++++	124517	0.000
M	57 AR 1254-AVG	++++++	++++++	470607	++++++	++++++	++++++	470607	0.000
	58 AR 1254-PEAK1	++++++	++++++	61927	++++++	++++++	++++++	61927	0.000
	59 AR 1254-PEAK2	++++++	++++++	60080	++++++	++++++	++++++	60080	0.000
	60 AR 1254-PEAK3	++++++	++++++	113968	++++++	++++++	++++++	113968	0.000
	61 AR 1254-PEAK4	++++++	++++++	234632	++++++	++++++	++++++	234632	0.000
M	62 TOXAPHENE-AVG	++++++	++++++	++++++	++++++	426301	++++++	426301	0.000
	63 TOXAPHENE-PEAK1	++++++	++++++	++++++	++++++	107727	++++++	107727	0.000
	64 TOXAPHENE-PEAK2	++++++	++++++	++++++	++++++	121407	++++++	121407	0.000
	65 TOXAPHENE-PEAK3	++++++	++++++	++++++	++++++	97482	++++++	97482	0.000
	66 TOXAPHENE-PEAK4	++++++	++++++	++++++	++++++	99685	++++++	99685	0.000
	67 TOXAPHENE-PEAK5	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
M	68 CHLORDANE-AVG	++++++	++++++	++++++	++++++	1177135	++++++	1177135	0.000
	69 CHLORDANE-PEAK1	++++++	++++++	++++++	++++++	160825	++++++	160825	0.000
	70 CHLORDANE-PEAK2	++++++	++++++	++++++	++++++	187467	++++++	187467	0.000
	71 CHLORDANE-PEAK3	++++++	++++++	++++++	++++++	438939	++++++	438939	0.000
	72 CHLORDANE-PEAK4	++++++	++++++	++++++	++++++	389904	++++++	389904	0.000
	73 CHLORDANE-PEAK5	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
M	74 AR 1268-AVG	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
	75 AR 1268-PEAK1	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
	76 AR 1268-PEAK2	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
	77 AR 1268-PEAK3	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
	78 AR 1268 PEAK4	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
M	79 AR 1262-AVG	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
	80 AR 1262-PEAK1	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++
	81 AR 1262-PEAK2	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++

Report Date : 16-Aug-2006 09:34

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 17:56
End Cal Date : 21-JUL-2006 00:57
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date : 26-Jul-2006 16:25 tls
Curve Type : Average

Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
82 AR 1262-PEAK3	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
83 AR 1262-PEAK4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
84 Diallate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
85 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
86 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 1 Tetrachloro-m-xylene	3962036	4248865	4088937	4088191	3983079	+++++	4074222	2.793
$ 22 Decachlorobiphenyl	3348656	3225224	3004405	3020278	2996728	+++++	3119058	5.116

Report Date : 16-Aug-2006 09:34

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date	: 20-JUL-2006 17:56
End Cal Date	: 21-JUL-2006 00:57
Quant Method	: ESTD
Origin	: Disabled
Target Version	: 3.50
Integrator	: Falcon
Method file	: /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date	: 26-Jul-2006 16:25 tls
Curve Type	: Average

```
|Average %RSD Results.                                |
|=====================================================|
|Calculated Average %RSD =    3.88569                 |
|Maximun Average %RSD    =   20.00000                 |
|* Passed Average %RSD Test.                          |
|_____________________________________________________|
```

001336

189308

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{11941795 + 9110291}{11941795 + 9110291 + 232287939} \times 100 = 8.3\ \%$$

DDT Breakdown: Criteria

< 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{12444844 + 11384991}{12444844 + 11384991 + 267516609} \times 100 = 8.2\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a001.d
Report Date: 21-Jul-2006 10:28

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a001.d
Lab Smp Id: deg
Inj Date : 20-JUL-2006 17:35
Operator : tls Inst ID: gcsv17a.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 21-Jul-2006 10:27 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

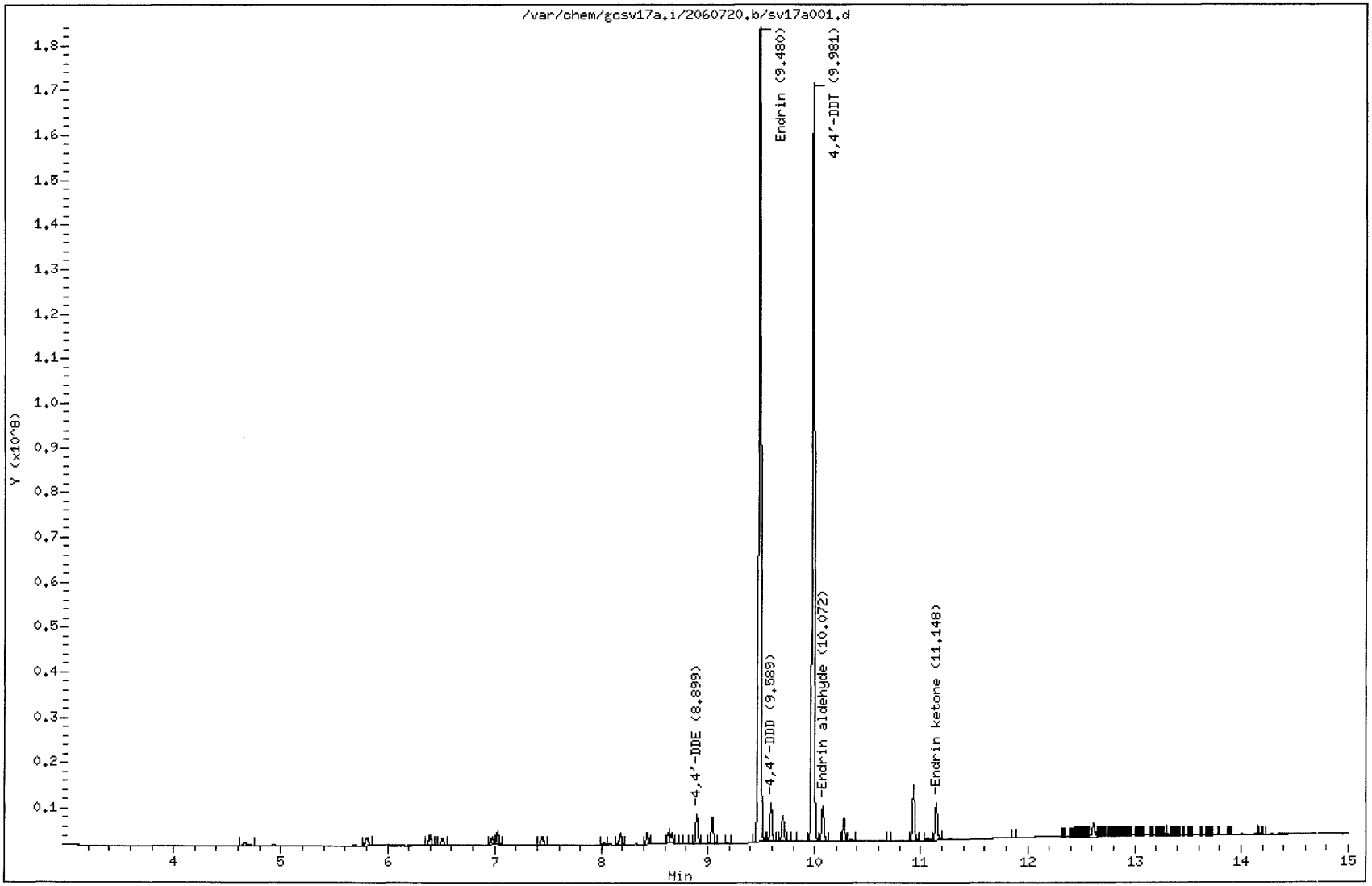
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
12 4,4'-DDE	8.899	8.890	0.009	9110291	2.22907	0.022
15 4,4'-DDD	9.589	9.580	0.009	11941795	3.62142	0.036
17 4,4'-DDT	9.981	9.971	0.010	232287939	80.2352	0.80
18 Endrin aldehyde	10.072	10.062	0.010	11384991	3.89413	0.039
21 Endrin ketone	11.148	11.140	0.008	12444844	3.32819	0.033
14 Endrin	9.480	9.471	0.009	267516609	80.3514	0.80

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a001.d
Date : 20-JUL-2006 17:35
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001339



189311

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a002.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a002.d
Lab Smp Id: 1206
Inj Date : 20-JUL-2006 17:56
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1206*1 2.5
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 23:12 Cal File: sv17a017.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.651	4.650	0.001	11947978	2.50000	2.9
2 alpha-BHC	5.793	5.792	0.001	14250673	2.50000	2.6
3 gamma-BHC (Lindane)	6.387	6.387	0.000	13290339	2.50000	2.8
6 beta-BHC	6.502	6.500	0.002	7515116	2.50000	3.4
4 Heptachlor	6.966	6.963	0.003	10750680	2.50000	2.7
7 delta-BHC	7.018	7.018	0.000	13155395	2.50000	2.8
5 Aldrin	7.436	7.436	0.000	12061716	2.50000	2.7
8 Heptachlor epoxide	8.169	8.168	0.001	11401032	2.50000	2.9
10 gamma-Chlordane	8.424	8.422	0.002	11717518	2.50000	2.9
11 alpha-Chlordane	8.622	8.621	0.001	10469712	2.50000	2.8
9 Endosulfan I	8.653	8.651	0.002	9643493	2.50000	2.7
12 4,4'-DDE	8.891	8.890	0.001	23010643	5.00000	5.6
13 Dieldrin	9.036	9.035	0.001	23411560	5.00000	5.6

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a002.d
Report Date: 23-Jul-2006 12:51

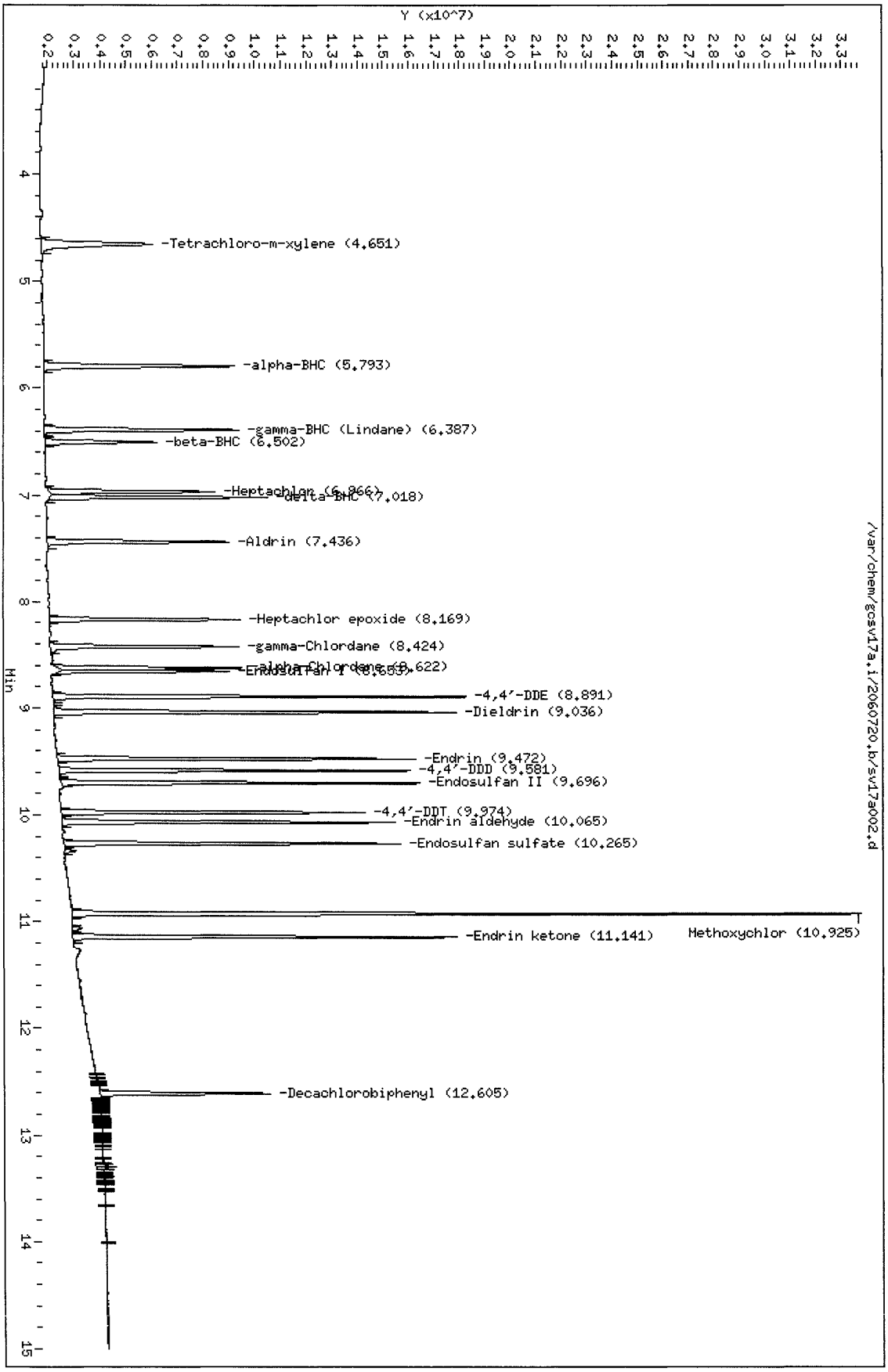
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.472	9.471	0.001	20485961	5.00000	6.2
15 4,4'-DDD	9.581	9.580	0.001	18862590	5.00000	5.7
16 Endosulfan II	9.696	9.695	0.001	20042555	5.00000	5.8
17 4,4'-DDT	9.974	9.971	0.003	16567482	5.00000	5.7
18 Endrin aldehyde	10.065	10.062	0.003	19078563	5.00000	6.5
20 Endosulfan sulfate	10.265	10.262	0.003	18991479	5.00000	6.0
19 Methoxychlor	10.925	10.922	0.003	41242316	25.0000	27
21 Endrin ketone	11.141	11.140	0.001	21657892	5.00000	5.8
$ 22 Decachlorobiphenyl	12.605	12.602	0.003	9766667	2.50000	3.1(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a002.d
Date : 20-JUL-2006 17:56
Client ID:
Sample Info: 1206x1 2.5
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001342

189314

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a003.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a003.d
Lab Smp Id: 1201
Inj Date : 20-JUL-2006 18:17
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1201*1 5
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 23:32 Cal File: sv17a018.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.650	4.650	0.000	19810181	5.00000	4.9(M)
2 alpha-BHC	5.794	5.792	0.002	25849443	5.00000	4.7
3 gamma-BHC (Lindane)	6.386	6.387	-0.001	23567484	5.00000	4.9
6 beta-BHC	6.500	6.500	0.000	12417000	5.00000	5.5
4 Heptachlor	6.965	6.963	0.002	18833570	5.00000	4.8
7 delta-BHC	7.017	7.018	-0.001	23163569	5.00000	4.9
5 Aldrin	7.435	7.436	-0.001	21586123	5.00000	4.9
8 Heptachlor epoxide	8.168	8.168	0.000	19857974	5.00000	5.1
10 gamma-Chlordane	8.424	8.422	0.002	20602837	5.00000	5.1
11 alpha-Chlordane	8.622	8.621	0.001	18424947	5.00000	4.9
9 Endosulfan I	8.652	8.651	0.001	17392803	5.00000	4.8
12 4,4'-DDE	8.890	8.890	0.000	41643503	10.0000	10
13 Dieldrin	9.035	9.035	0.000	41312896	10.0000	9.9

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a003.d
Report Date: 23-Jul-2006 12:51

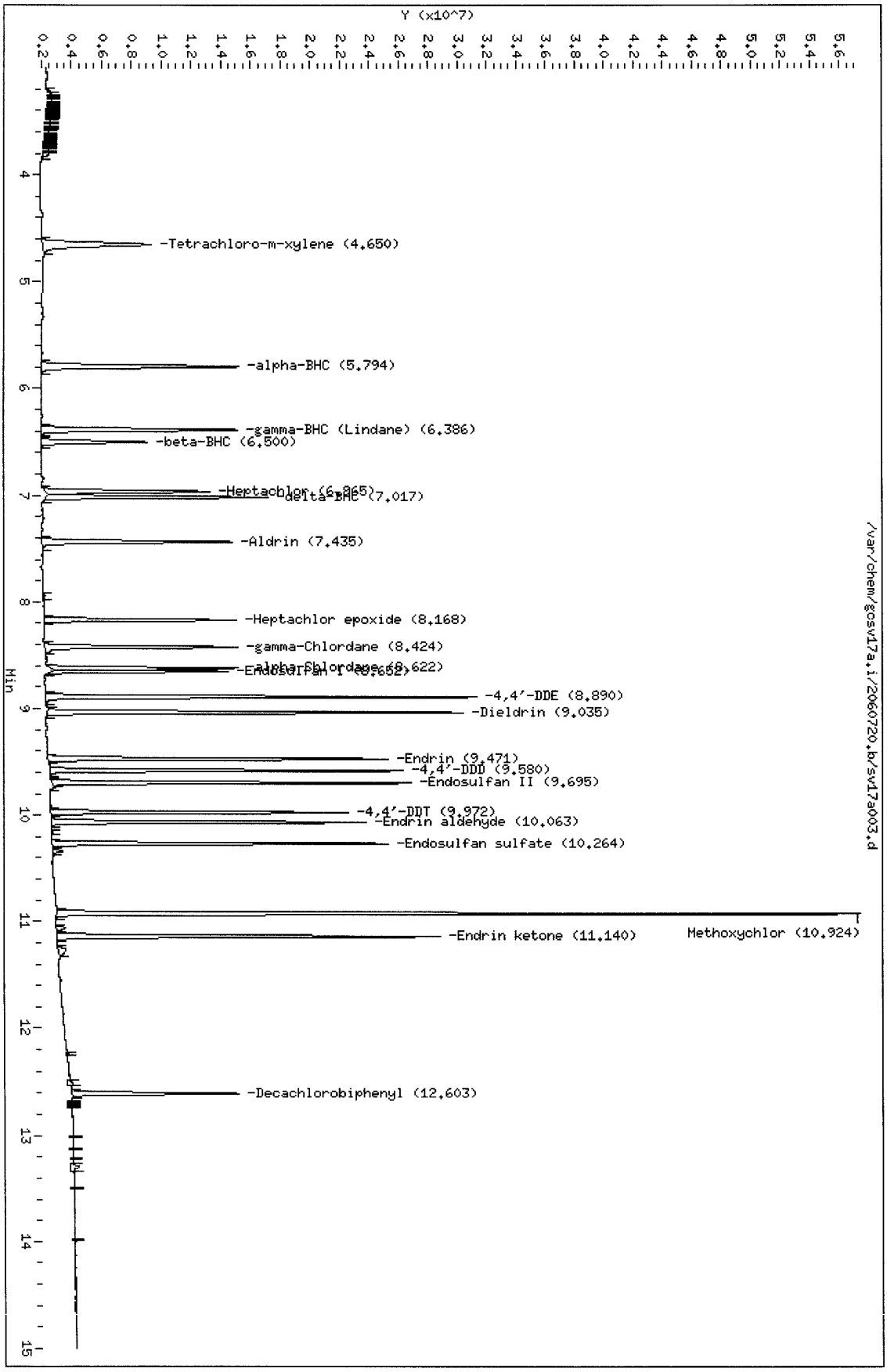
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.471	9.471	0.000	33702484	10.0000	10
15 4,4'-DDD	9.580	9.580	0.000	33047313	10.0000	10
16 Endosulfan II	9.695	9.695	0.000	34723517	10.0000	10
17 4,4'-DDT	9.972	9.971	0.001	27308524	10.0000	9.4
18 Endrin aldehyde	10.063	10.062	0.001	31332924	10.0000	11
20 Endosulfan sulfate	10.264	10.262	0.002	32606460	10.0000	10
19 Methoxychlor	10.924	10.922	0.002	72604238	50.0000	47
21 Endrin ketone	11.140	11.140	0.000	38259935	10.0000	10
$ 22 Decachlorobiphenyl	12.603	12.602	0.001	16743279	5.00000	5.4(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/20060720.b/sv17a003.d
Date : 20-JUL-2006 18:17
Client ID:
Sample Info: 1201x1 5
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001345

189317

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a004.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a004.d
Lab Smp Id: 1202
Inj Date : 20-JUL-2006 18:38
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1202*1 20
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 23:54 Cal File: sv17a019.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

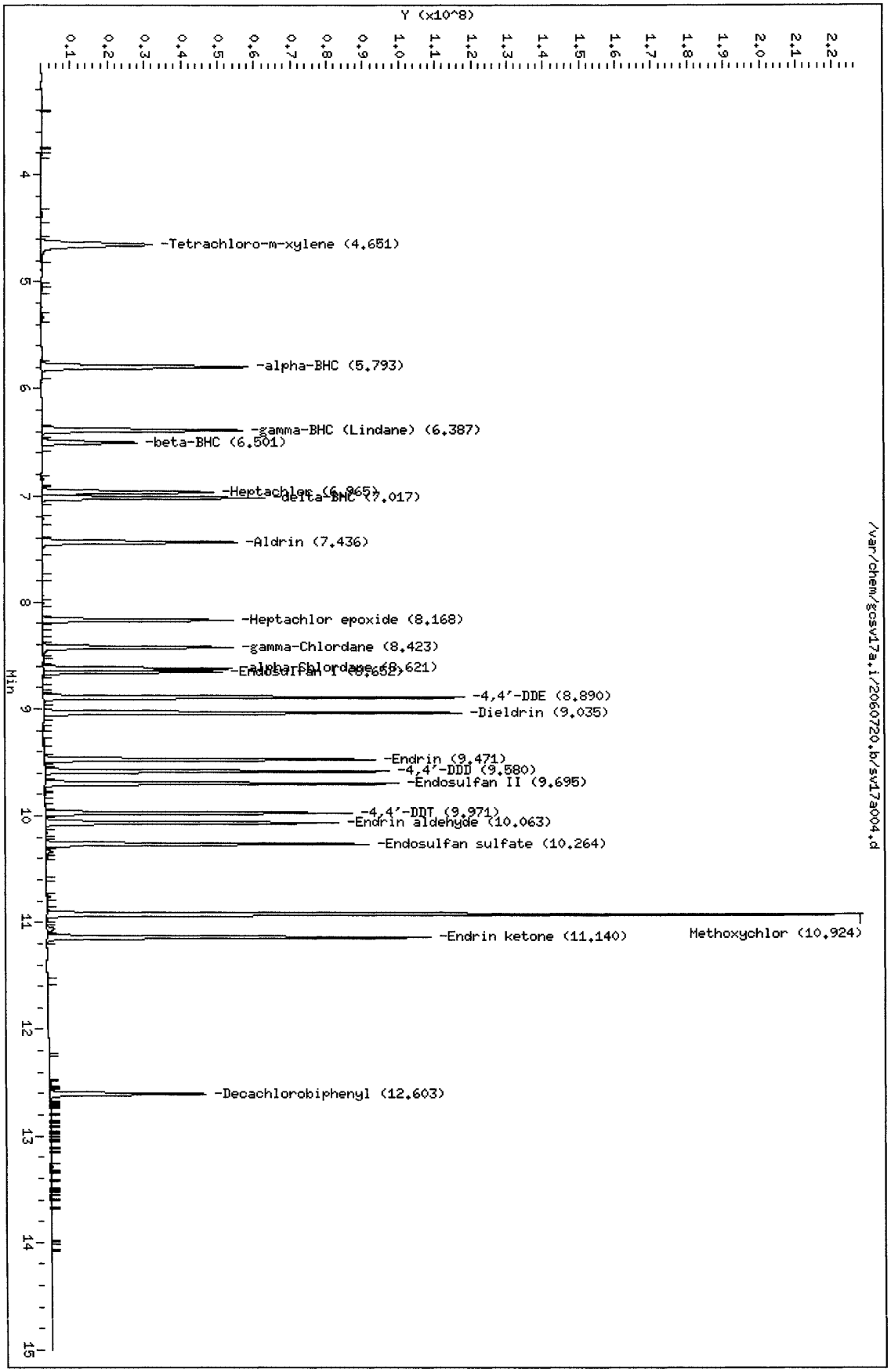
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.651	4.650	0.001	84977303	20.0000	21
2 alpha-BHC	5.793	5.792	0.001	112091503	20.0000	20
3 gamma-BHC (Lindane)	6.387	6.387	0.000	97727945	20.0000	20
6 beta-BHC	6.501	6.500	0.001	45587719	20.0000	20
4 Heptachlor	6.965	6.963	0.002	80498207	20.0000	20
7 delta-BHC	7.017	7.018	-0.001	96850282	20.0000	20
5 Aldrin	7.436	7.436	0.000	90140049	20.0000	20
8 Heptachlor epoxide	8.168	8.168	0.000	79351283	20.0000	20
10 gamma-Chlordane	8.423	8.422	0.001	81307719	20.0000	20
11 alpha-Chlordane	8.621	8.621	0.000	76635751	20.0000	20
9 Endosulfan I	8.652	8.651	0.001	72802709	20.0000	20
12 4,4'-DDE	8.890	8.890	0.000	166211040	40.0000	41
13 Dieldrin	9.035	9.035	0.000	169150148	40.0000	41

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a004.d
Report Date: 23-Jul-2006 12:51

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.471	9.471	0.000	134816300	40.0000	40
15 4,4'-DDD	9.580	9.580	0.000	132271247	40.0000	40
16 Endosulfan II	9.695	9.695	0.000	141085147	40.0000	41
17 4,4'-DDT	9.971	9.971	0.000	113782450	40.0000	39
18 Endrin aldehyde	10.063	10.062	0.001	117878034	40.0000	40
20 Endosulfan sulfate	10.264	10.262	0.002	127409282	40.0000	40
19 Methoxychlor	10.924	10.923	0.001	300878638	200.000	200
21 Endrin ketone	11.140	11.140	0.000	151043745	40.0000	40
$ 22 Decachlorobiphenyl	12.603	12.602	0.001	64504485	20.0000	21

Data File: /var/chem/gcsv17a.i/20060720.b/sv17a004.d
Date : 20-JUL-2006 18:38
Client ID:
Sample Info: 1202x1 20
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001348

189320

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a005.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a005.d
Lab Smp Id: 1203
Inj Date : 20-JUL-2006 18:59
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1203*1 60
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:15 Cal File: sv17a020.d
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

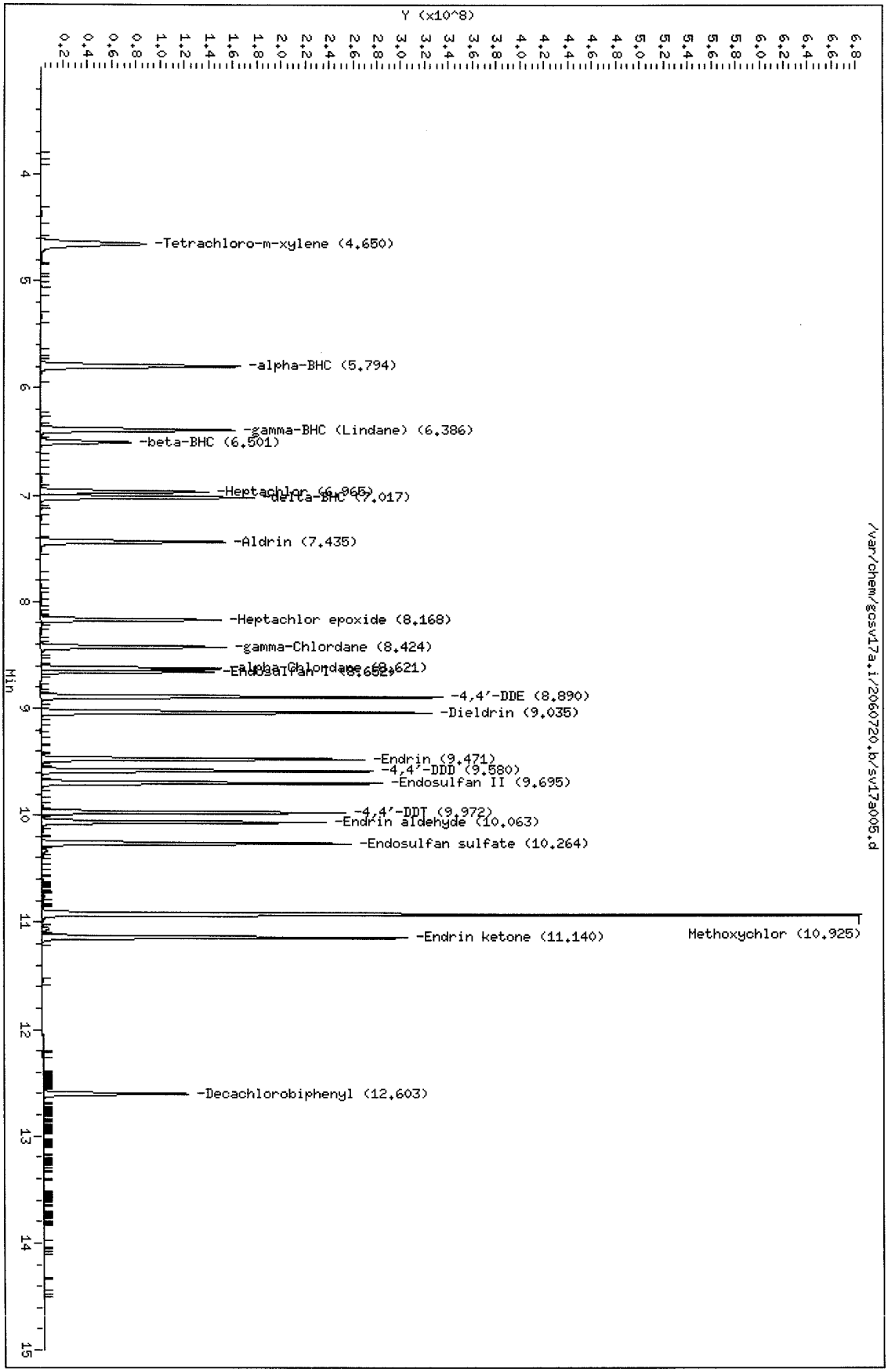
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.650	4.651	-0.001	245336244	60.0000	60
2 alpha-BHC	5.794	5.792	0.002	332793983	60.0000	60
3 gamma-BHC (Lindane)	6.386	6.388	-0.002	287747380	60.0000	60
6 beta-BHC	6.501	6.501	0.000	129059293	60.0000	58
4 Heptachlor	6.965	6.964	0.001	238478223	60.0000	60
7 delta-BHC	7.017	7.018	-0.001	286532375	60.0000	60
5 Aldrin	7.435	7.436	-0.001	265413947	60.0000	60
8 Heptachlor epoxide	8.168	8.169	-0.001	231822389	60.0000	59
10 gamma-Chlordane	8.424	8.422	0.002	238087592	60.0000	59
11 alpha-Chlordane	8.621	8.621	0.000	224883102	60.0000	60
9 Endosulfan I	8.652	8.652	0.000	216697672	60.0000	60
12 4,4'-DDE	8.890	8.890	0.000	482153097	120.000	120
13 Dieldrin	9.035	9.036	-0.001	495131201	120.000	120

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a005.d
Report Date: 23-Jul-2006 12:51

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.471	9.471	0.000	392810519	120.000	120
15 4,4'-DDD	9.580	9.580	0.000	391352366	120.000	120
16 Endosulfan II	9.695	9.696	-0.001	413029745	120.000	120
17 4,4'-DDT	9.972	9.972	0.000	348473033	120.000	120
18 Endrin aldehyde	10.063	10.062	0.001	339422570	120.000	120
20 Endosulfan sulfate	10.264	10.263	0.001	370771238	120.000	120
19 Methoxychlor	10.925	10.923	0.002	919370516	600.000	600
21 Endrin ketone	11.140	11.140	0.000	439288800	120.000	120
$ 22 Decachlorobiphenyl	12.603	12.602	0.001	180264322	60.0000	58

Data File: /var/chem/gcsv17a.i/20060720.b/sv17a005.d
Date : 20-JUL-2006 18:59
Client ID:
Sample Info: 1203w1 60
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001351

189323

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a006.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a006.d
Lab Smp Id: 1204
Inj Date : 20-JUL-2006 19:20
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1204*1 80
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17a021.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

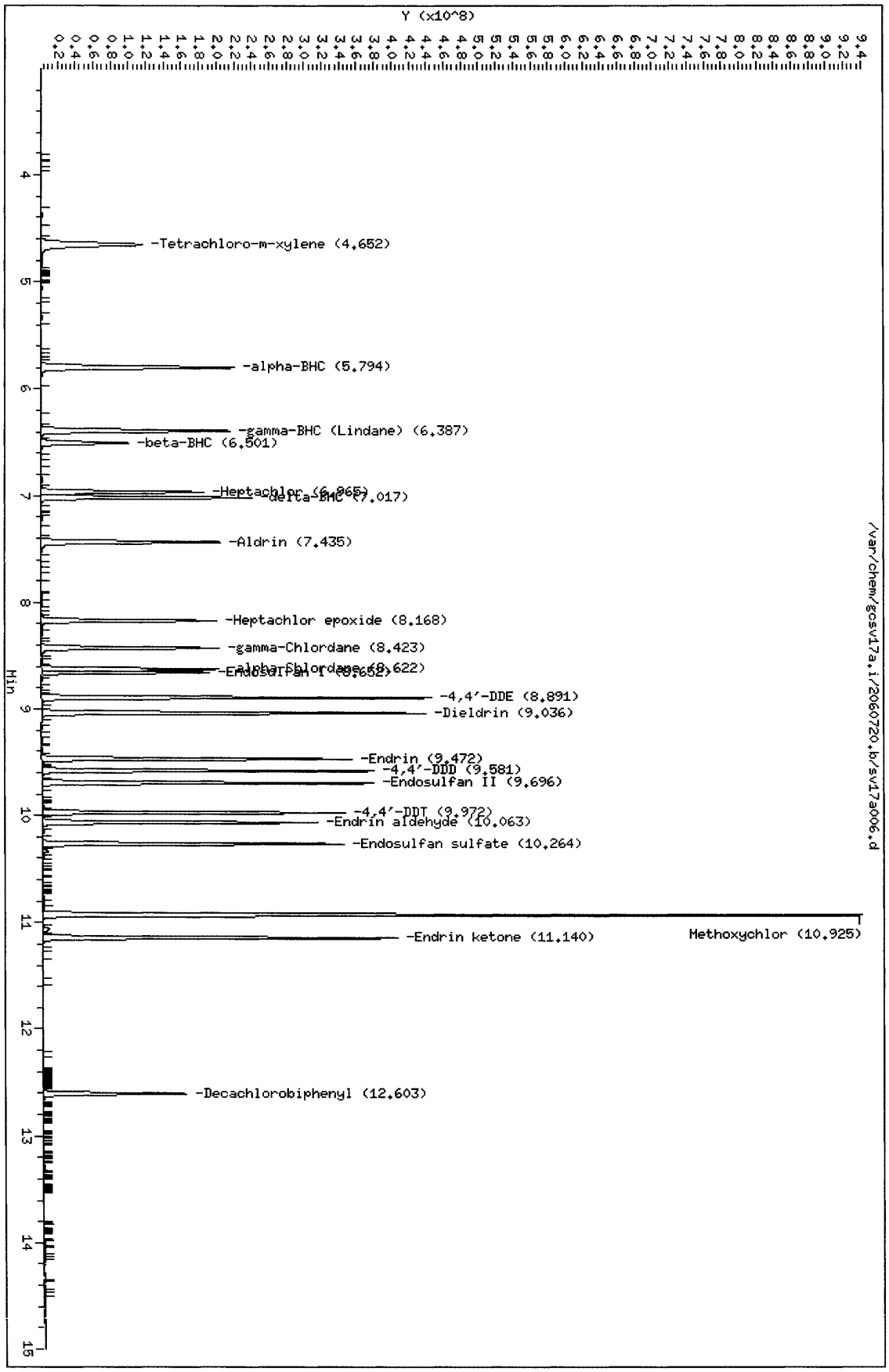
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.652	4.651	0.001	327055291	80.0000	80
2 alpha-BHC	5.794	5.793	0.001	444508882	80.0000	80
3 gamma-BHC (Lindane)	6.387	6.388	-0.001	383865392	80.0000	80
6 beta-BHC	6.501	6.501	0.000	171490870	80.0000	76
4 Heptachlor	6.965	6.964	0.001	318164547	80.0000	80
7 delta-BHC	7.017	7.018	-0.001	380756176	80.0000	80
5 Aldrin	7.435	7.436	-0.001	355538870	80.0000	80
8 Heptachlor epoxide	8.168	8.169	-0.001	310543878	80.0000	79
10 gamma-Chlordane	8.423	8.423	0.000	318414119	80.0000	79
11 alpha-Chlordane	8.622	8.621	0.001	298012125	80.0000	79
9 Endosulfan I	8.652	8.652	0.000	294487614	80.0000	82
12 4,4'-DDE	8.891	8.890	0.001	646934519	160.000	160
13 Dieldrin	9.036	9.036	0.000	666907207	160.000	160

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a006.d
Report Date: 23-Jul-2006 12:51

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.472	9.471	0.001	523779013	160.000	160
15 4,4'-DDD	9.581	9.580	0.001	526409880	160.000	160
16 Endosulfan II	9.696	9.696	0.000	556151504	160.000	160
17 4,4'-DDT	9.972	9.972	0.000	472580876	160.000	160
18 Endrin aldehyde	10.063	10.062	0.001	457493669	160.000	160
20 Endosulfan sulfate	10.264	10.263	0.001	497193583	160.000	160
19 Methoxychlor	10.925	10.923	0.002	1257188341	800.000	820
21 Endrin ketone	11.140	11.140	0.000	592918921	160.000	160
$ 22 Decachlorobiphenyl	12.603	12.602	0.001	241622215	80.0000	77

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a006.d
Date : 20-JUL-2006 19:20
Client ID:
Sample Info: 1204#1 80
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001354

189326

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a007.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a007.d
Lab Smp Id: 1205
Inj Date : 20-JUL-2006 19:41
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1205*1 65-30-7
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.651	4.651	0.000	398307865	100.000	98
2 alpha-BHC	5.793	5.793	0.000	559443643	100.000	100(A)
3 gamma-BHC (Lindane)	6.387	6.387	0.000	484593953	100.000	100(A)
6 beta-BHC	6.500	6.501	-0.001	215212182	100.000	96
4 Heptachlor	6.964	6.964	0.000	404519072	100.000	100(A)
7 delta-BHC	7.017	7.018	-0.001	480366639	100.000	100(A)
5 Aldrin	7.435	7.436	-0.001	444824079	100.000	100(A)
8 Heptachlor epoxide	8.168	8.169	-0.001	389641005	100.000	99
10 gamma-Chlordane	8.423	8.423	0.000	398643691	100.000	99
11 alpha-Chlordane	8.621	8.621	0.000	377384332	100.000	100(A)
9 Endosulfan I	8.652	8.652	0.000	365147558	100.000	100(A)
12 4,4'-DDE	8.890	8.890	0.000	810852512	200.000	200
13 Dieldrin	9.035	9.036	-0.001	835289407	200.000	200(A)

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a007.d
Report Date: 23-Jul-2006 12:51

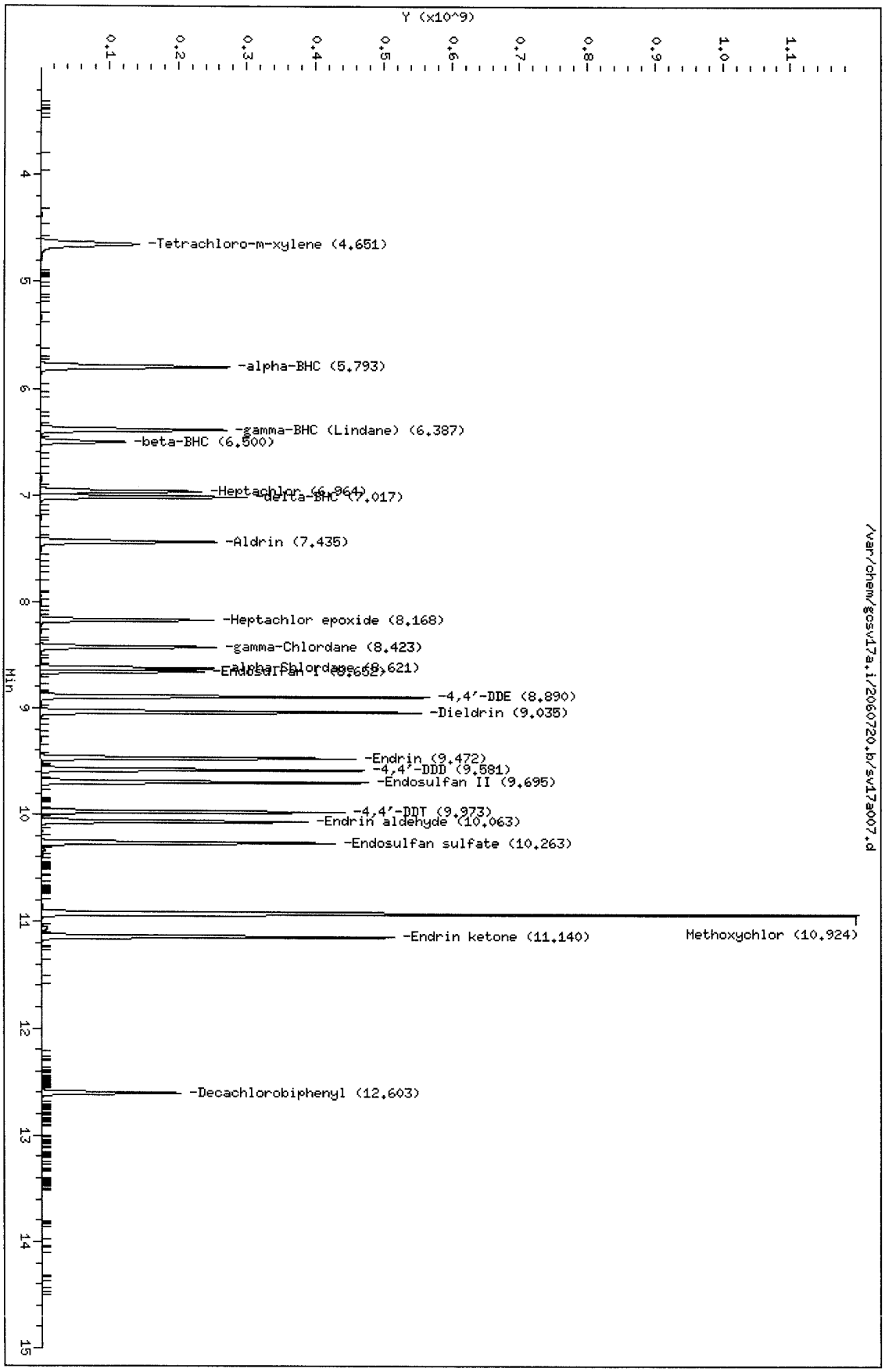
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.472	9.471	0.001	671793640	200.000	200(A)
15 4,4'-DDD	9.581	9.580	0.001	664977634	200.000	200(A)
16 Endosulfan II	9.695	9.696	-0.001	698498639	200.000	200(A)
17 4,4'-DDT	9.973	9.972	0.001	608488671	200.000	210(A)
18 Endrin aldehyde	10.063	10.062	0.001	570009057	200.000	190
20 Endosulfan sulfate	10.263	10.263	0.000	629532905	200.000	200
19 Methoxychlor	10.924	10.923	0.001	1612178919	1000.00	1100(A)
21 Endrin ketone	11.140	11.140	0.000	745505004	200.000	200
$ 22 Decachlorobiphenyl	12.603	12.602	0.001	299672825	100.000	96

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/gcsv17a.i/20060720.b/sv17a007.d
Date : 20-JUL-2006 19:41
Client ID:
Sample Info: 1205x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001357

189329

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a009.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a009.d
Lab Smp Id: 1205
Inj Date : 20-JUL-2006 20:23
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1205*1 65-14-7
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlor.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 68 CHLORDANE-AVG				470854135	400.000	400(A)
69 CHLORDANE-PEAK1	6.724	6.723	0.001	64330108	400.000	400
70 CHLORDANE-PEAK2	6.964	6.963	0.001	74986918	400.000	400
71 CHLORDANE-PEAK3	8.423	8.422	0.001	175575477	400.000	400
72 CHLORDANE-PEAK4	8.620	8.620	0.000	155961632	400.000	400

QC Flag Legend

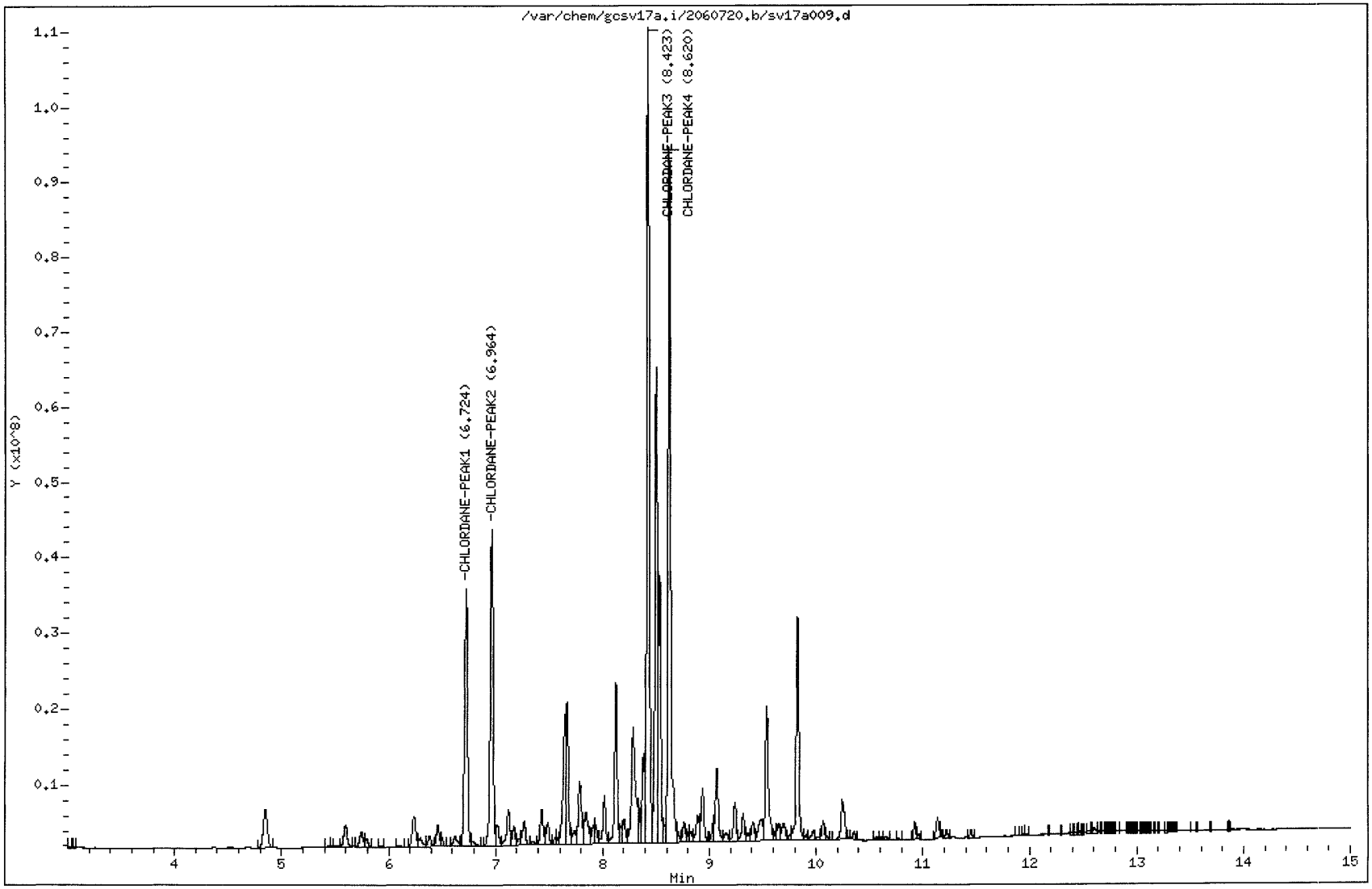
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a009.d
Date : 20-JUL-2006 20:23
Client ID:
Sample Info: 1205*1 65-14-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001359



189331

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a010.d
Report Date: 21-Jul-2006 10:22

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a010.d
Lab Smp Id: 1201
Inj Date : 20-JUL-2006 20:44
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1201*1 65-28-4
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 21-Jul-2006 10:22 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 20:44 Cal File: sv17a010.d
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: tox.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)	
M 62 TOXAPHENE-AVG				91508163	250.000		(a)
63 TOXAPHENE-PEAK1	9.785	9.782	0.003	24158193	250.000		(a)
64 TOXAPHENE-PEAK2	10.351	10.350	0.001	26469472	250.000		(a)
65 TOXAPHENE-PEAK3	11.248	11.249	-0.001	20278999	250.000		(a)
66 TOXAPHENE-PEAK4	11.491	11.491	0.000	20601499	250.000		(a)

QC Flag Legend

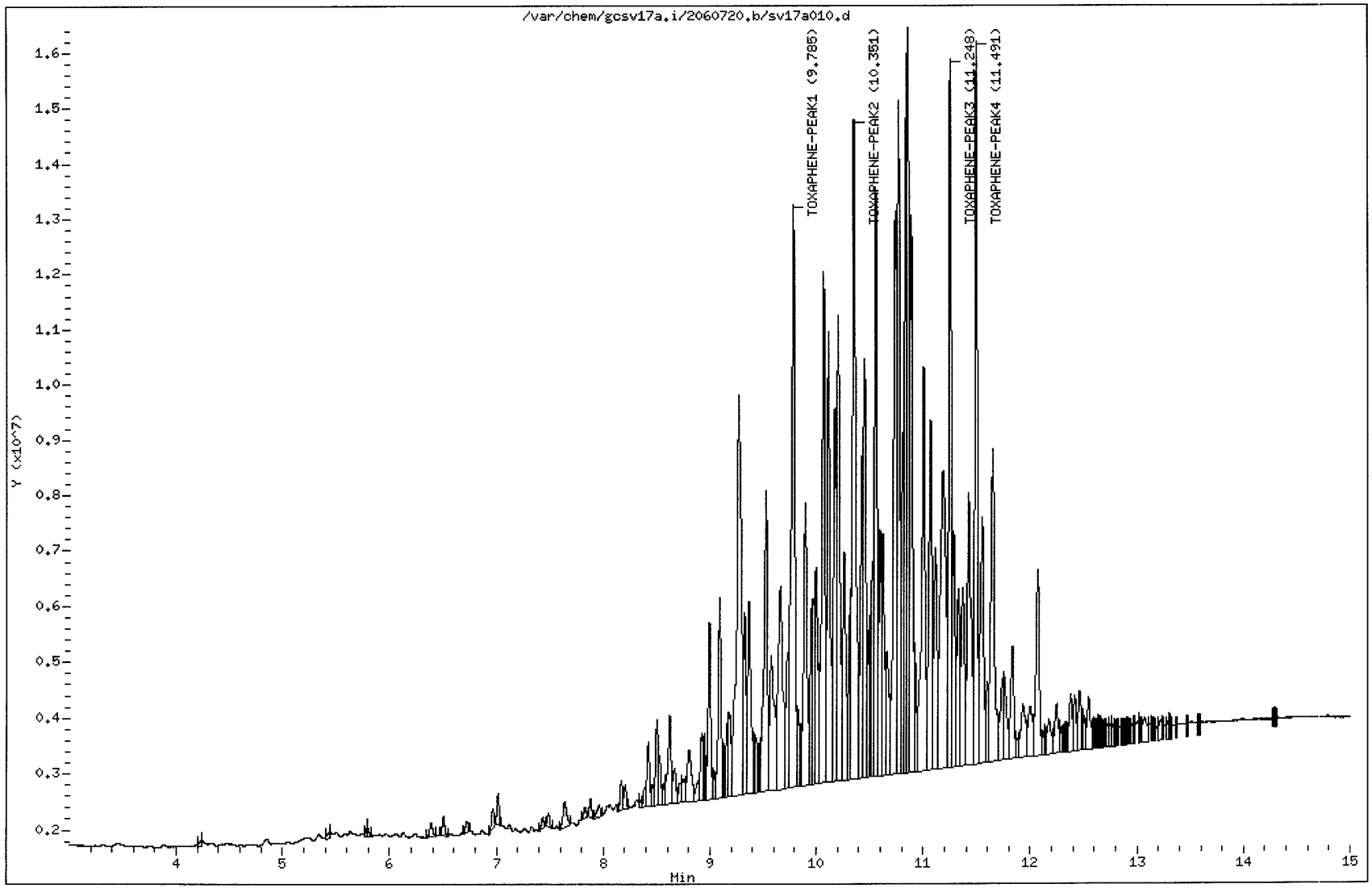
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a010.d
Date : 20-JUL-2006 20:44
Client ID:
Sample Info: 1201x1 65-28-4
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001361



189333

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a011.d
Report Date: 07-Aug-2006 14:03

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a011.d
Lab Smp Id: 1205
Inj Date : 20-JUL-2006 21:05
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1205*1 65-28-4
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 13:08 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: tox.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

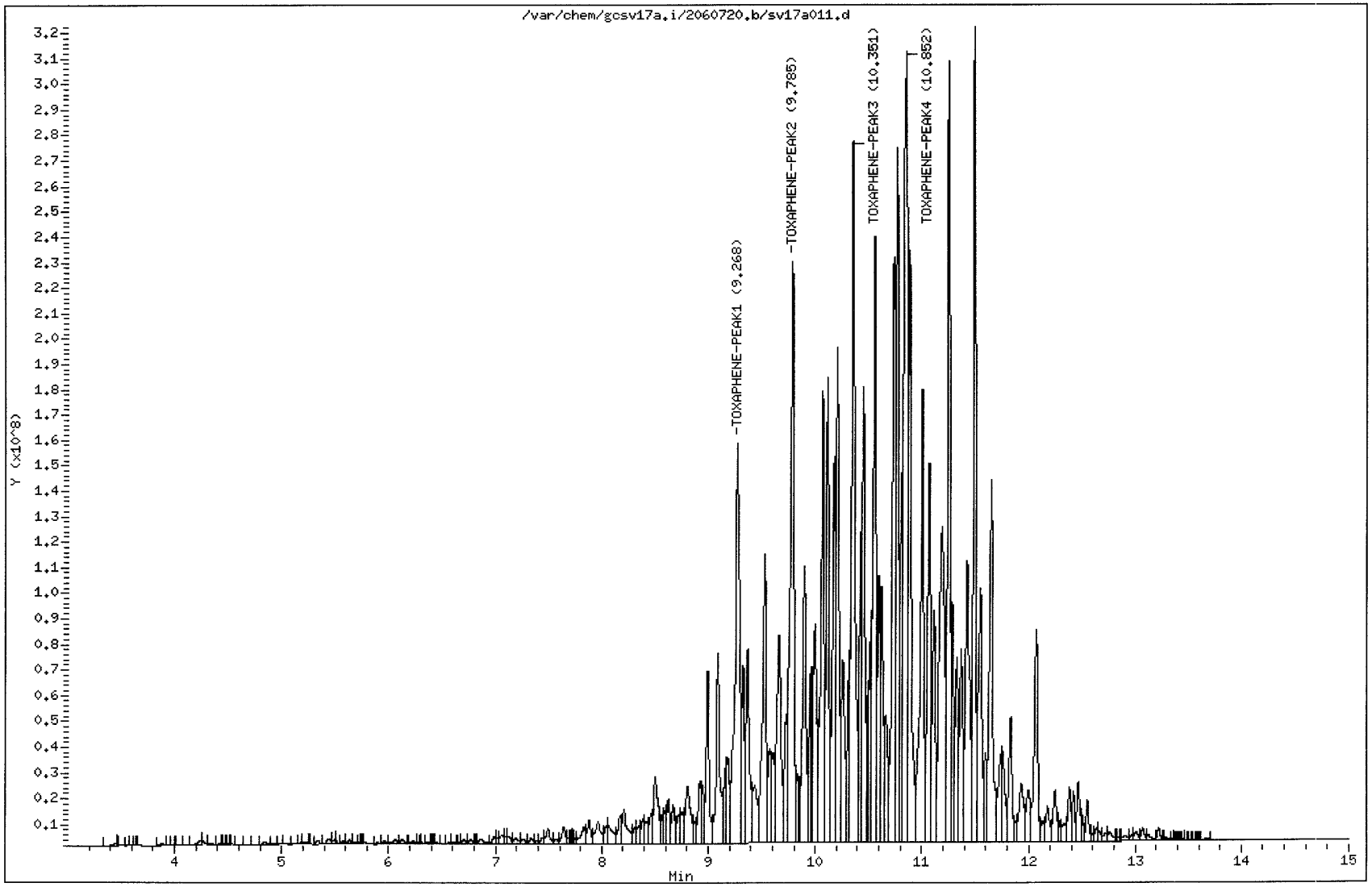
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 62 TOXAPHENE-AVG				2444288772	5000.00	5000
63 TOXAPHENE-PEAK1	9.268	9.783	-0.515	461353446	5000.00	5000
64 TOXAPHENE-PEAK2	9.785	10.350	-0.565	538635141	5000.00	5000
65 TOXAPHENE-PEAK3	10.351	11.249	-0.898	607034541	5000.00	5000
66 TOXAPHENE-PEAK4	10.852	11.491	-0.639	837265641	5000.00	5000

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a011.d
Date : 20-JUL-2006 21:05
Client ID:
Sample Info: 1205*1 65-28-4
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001363



189335

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a008.d
Report Date: 08-Aug-2006 12:28

Gulf Coast Analytical Services

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: 1600
Level: LOW
Data Type: GC MULTI COMP
SpikeList File: 8081icv.spk
Sublist File: 8081.sub
Method File: /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Misc Info: GCSV~9657~*

Client SDG: 2060720
Fraction: SV

Operator: tls
SampleType: LCS
Quant Type: ESTD

SPIKE COMPOUND	CONC ADDED UG/L	CONC RECOVERED UG/L	% RECOVERED	LIMITS
2 alpha-BHC	60	63	105.66	85-115
3 gamma-BHC (Lindane	60	63	105.48	85-115
6 beta-BHC	60	61	100.95	85-115
4 Heptachlor	60	62	103.50	85-115
7 delta-BHC	60	63	104.82	85-115
5 Aldrin	60	63	104.84	85-115
8 Heptachlor epoxide	60	62	103.16	85-115
10 gamma-Chlordane	60	60	100.51	85-115
11 alpha-Chlordane	60	62	103.22	85-115
9 Endosulfan I	60	62	103.52	85-115
12 4,4'-DDE	60	62	102.81	85-115
13 Dieldrin	60	63	104.76	85-115
14 Endrin	60	63	104.90	85-115
15 4,4'-DDD	60	62	103.54	85-115
16 Endosulfan II	60	62	102.73	85-115
17 4,4'-DDT	60	61	101.73	85-115
18 Endrin aldehyde	60	56	94.08	85-115
20 Endosulfan sulfate	60	62	103.68	85-115
19 Methoxychlor	60	64	107.48	85-115
21 Endrin ketone	60	62	103.66	85-115

SURROGATE COMPOUND	CONC ADDED UG/L	CONC RECOVERED UG/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xyl	500	0.0	*	45-148
$ 22 Decachlorobiphenyl	500	0.0	*	34-135

189336

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a008.d
Report Date: 08-Aug-2006 12:28

Gulf Coast Analytical Services

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a008.d
Lab Smp Id: 1600
Inj Date : 20-JUL-2006 20:02
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1600*1 65-21-6
Misc Info : GCSV~9657~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 08-Aug-2006 12:28 hjl Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 8 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: hpchem

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	1.00000	Volume of final extract (mL)
Vo	1.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

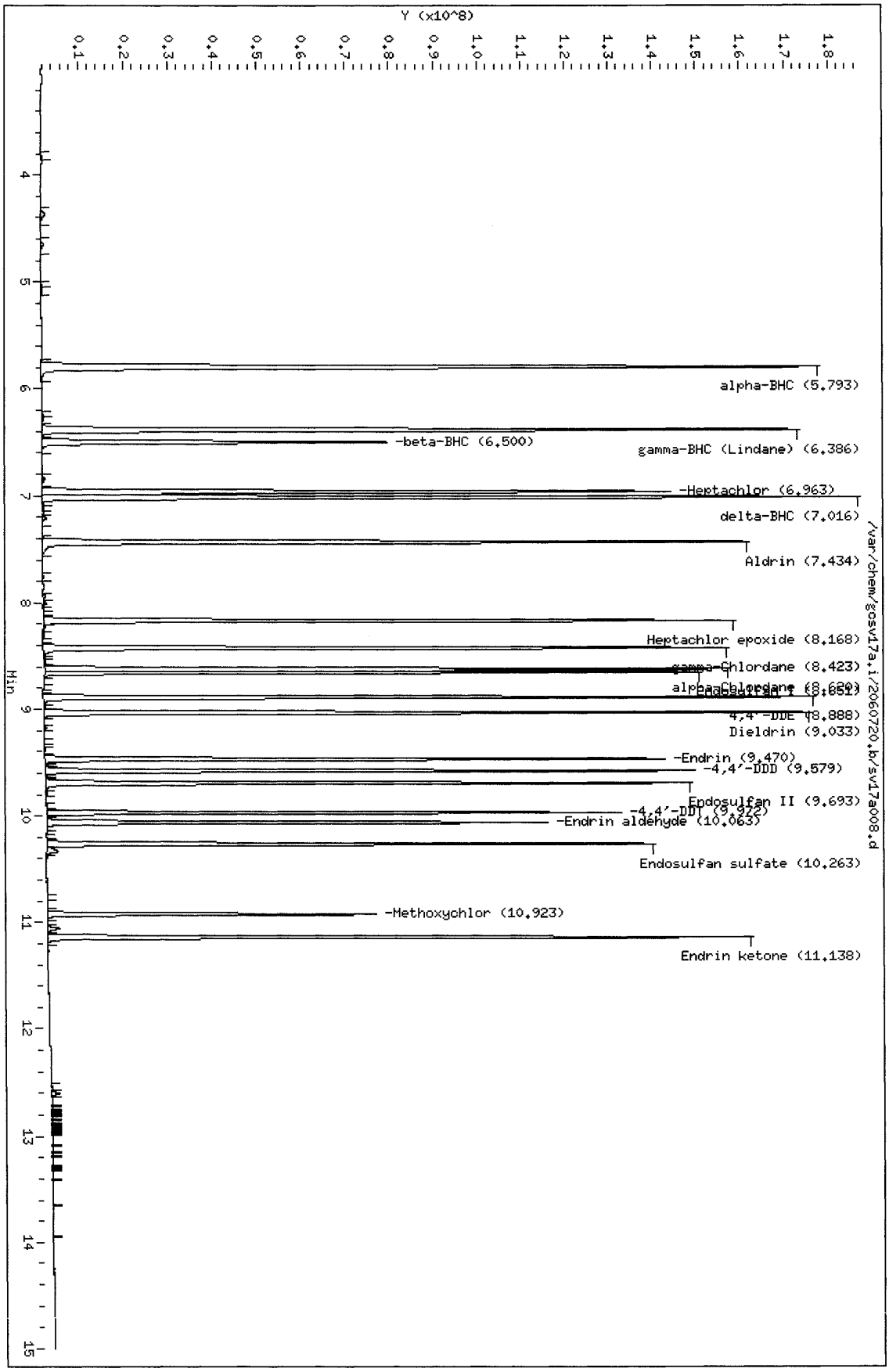
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
2 alpha-BHC	5.793	5.792	0.001	350497544	63.3962	63
3 gamma-BHC (Lindane)	6.386	6.387	-0.001	304280757	63.2865	63
6 beta-BHC	6.500	6.500	0.000	135793118	60.5704	61
4 Heptachlor	6.963	6.964	-0.001	245778785	62.1014	62
7 delta-BHC	7.016	7.018	-0.002	299554065	62.8948	63
5 Aldrin	7.434	7.436	-0.002	278550081	62.9058	63
8 Heptachlor epoxide	8.168	8.168	0.000	242388404	61.8935	62
10 gamma-Chlordane	8.423	8.422	0.001	242678262	60.3056	60
11 alpha-Chlordane	8.620	8.621	-0.001	232426317	61.9347	62
9 Endosulfan I	8.651	8.651	0.000	224375948	62.1096	62
12 4,4'-DDE	8.888	8.890	-0.002	252103203	61.6837	62
13 Dieldrin	9.033	9.035	-0.002	261864273	62.8552	63
14 Endrin	9.470	9.471	-0.001	209552841	62.9414	63

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a008.d
Report Date: 08-Aug-2006 12:28

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/L)
15 4,4'-DDD	9.579	9.580	-0.001	204857395	62.1242	62
16 Endosulfan II	9.693	9.695	-0.002	214622749	61.6384	62
17 4,4'-DDT	9.972	9.971	0.001	176707057	61.0369	61
18 Endrin aldehyde	10.063	10.062	0.001	165036111	56.4491	56
20 Endosulfan sulfate	10.263	10.262	0.001	196453541	62.2052	62
19 Methoxychlor	10.923	10.923	0.000	98960302	64.4909	64
21 Endrin ketone	11.138	11.140	-0.002	232556139	62.1938	62

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a008.d
Date : 20-JUL-2006 20:02
Client ID:
Sample Info: 1600x1 65-21-6
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001367

189339

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a027.d
Report Date: 26-Jul-2006 14:52

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 24-JUL-2006 00:27
Lab File ID: sv17a027.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060723.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	3985633	0.010	2.17437	15.00000	Averaged
2 alpha-BHC	5528683	5569168	0.010	-0.73228	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4867663	0.010	-1.24115	15.00000	Averaged
6 beta-BHC	2241906	2225827	0.010	0.71722	15.00000	Averaged
4 Heptachlor	3957702	4004905	0.010	-1.19269	15.00000	Averaged
7 delta-BHC	4762777	4880430	0.010	-2.47026	15.00000	Averaged
5 Aldrin	4428054	4463964	0.010	-0.81096	15.00000	Averaged
8 Heptachlor epoxide	3916215	3993022	0.010	-1.96127	15.00000	Averaged
10 gamma-Chlordane	4024139	4038093	0.010	-0.34678	15.00000	Averaged
11 alpha-Chlordane	3752765	3790100	0.010	-0.99486	15.00000	Averaged
9 Endosulfan I	3612579	3790332	0.010	-4.92039	15.00000	Averaged
12 4,4'-DDE	4087034	4081411	0.010	0.13760	15.00000	Averaged
13 Dieldrin	4166151	4195173	0.010	-0.69662	15.00000	Averaged
14 Endrin	3329333	3238933	0.010	2.71527	15.00000	Averaged
15 4,4'-DDD	3297546	3448085	0.010	-4.56516	15.00000	Averaged
16 Endosulfan II	3481967	3580016	0.010	-2.81592	15.00000	Averaged
17 4,4'-DDT	2895086	2851821	0.010	1.49443	15.00000	Averaged
18 Endrin aldehyde	2923629	2914853	0.010	0.30018	15.00000	Averaged
20 Endosulfan sulfate	3158153	3196270	0.010	-1.20697	15.00000	Averaged
19 Methoxychlor	1534485	1560920	0.010	-1.72269	15.00000	Averaged
21 Endrin ketone	3739219	3889146	0.010	-4.00959	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3122083	0.010	-0.09696	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 1.69653
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a027.d
Report Date: 26-Jul-2006 14:52

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a027.d
Lab Smp Id: 1400
Inj Date : 24-JUL-2006 00:27
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9693~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 14:52 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 27 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

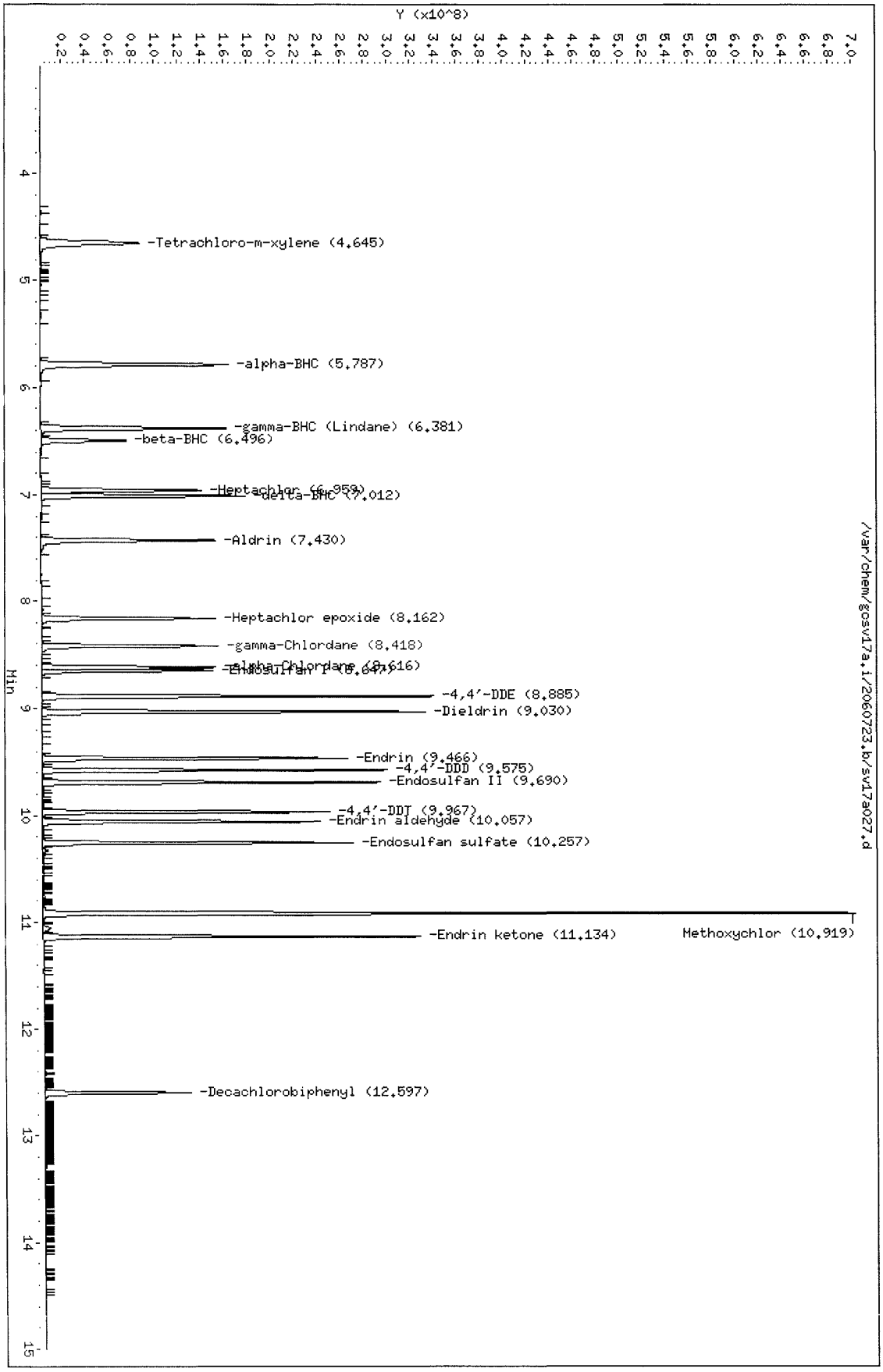
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.645	4.650	-0.005	239137981	60.0000	59
2 alpha-BHC	5.787	5.791	-0.004	334150097	60.0000	60
3 gamma-BHC (Lindane)	6.381	6.387	-0.006	292059761	60.0000	61
6 beta-BHC	6.496	6.500	-0.004	133549617	60.0000	60
4 Heptachlor	6.959	6.963	-0.004	240294283	60.0000	61
7 delta-BHC	7.012	7.017	-0.005	292825811	60.0000	61
5 Aldrin	7.430	7.435	-0.005	267837827	60.0000	60
8 Heptachlor epoxide	8.162	8.168	-0.006	239581336	60.0000	61
10 gamma-Chlordane	8.418	8.421	-0.003	242285608	60.0000	60
11 alpha-Chlordane	8.616	8.620	-0.004	227405978	60.0000	61
9 Endosulfan I	8.647	8.650	-0.003	227419914	60.0000	63
12 4,4'-DDE	8.885	8.889	-0.004	489769263	120.000	120
13 Dieldrin	9.030	9.035	-0.005	503420739	120.000	120

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a027.d
Report Date: 26-Jul-2006 14:52

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.466	9.470	-0.004	388671909	120.000	120
15 4,4'-DDD	9.575	9.579	-0.004	413770144	120.000	130
16 Endosulfan II	9.690	9.695	-0.005	429601956	120.000	120
17 4,4'-DDT	9.967	9.971	-0.004	342218503	120.000	120
18 Endrin aldehyde	10.057	10.061	-0.004	349782344	120.000	120
20 Endosulfan sulfate	10.257	10.261	-0.004	383552452	120.000	120
19 Methoxychlor	10.919	10.922	-0.003	936551790	600.000	610
21 Endrin ketone	11.134	11.139	-0.005	466697567	120.000	120
$ 22 Decachlorobiphenyl	12.597	12.601	-0.004	187324951	60.0000	60

Data File: /var/chem/gcsv17a.i/20060723.b/sv17a027.d
Date : 24-JUL-2006 00:27
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001371

189343

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{12784499 + 2800641}{12784499 + 2800641 + 224723232} \times 100 = 6.5\ \%$$

DDT Breakdown: Criteria < 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{13483974 + 9790136}{13483974 + 9790136 + 263768306} \times 100 = 8.1\ \%$$

Endrin Breakdown: Criteria < 15%

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a030.d
Report Date: 25-Jul-2006 11:21

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a030.d
Lab Smp Id: deg
Inj Date : 24-JUL-2006 01:30
Operator : tls Inst ID: gcsv17a.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 25-Jul-2006 11:21 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
12 4,4'-DDE	8.883	8.889	-0.006	2800641	0.68525	0.0069
15 4,4'-DDD	9.575	9.580	-0.005	12784499	3.87697	0.039
17 4,4'-DDT	9.966	9.971	-0.005	224723232	77.6223	0.78
18 Endrin aldehyde	10.058	10.061	-0.003	9790136	3.34862	0.033
21 Endrin ketone	11.133	11.139	-0.006	13483974	3.60609	0.036
14 Endrin	9.465	9.470	-0.005	263768306	79.2256	0.79

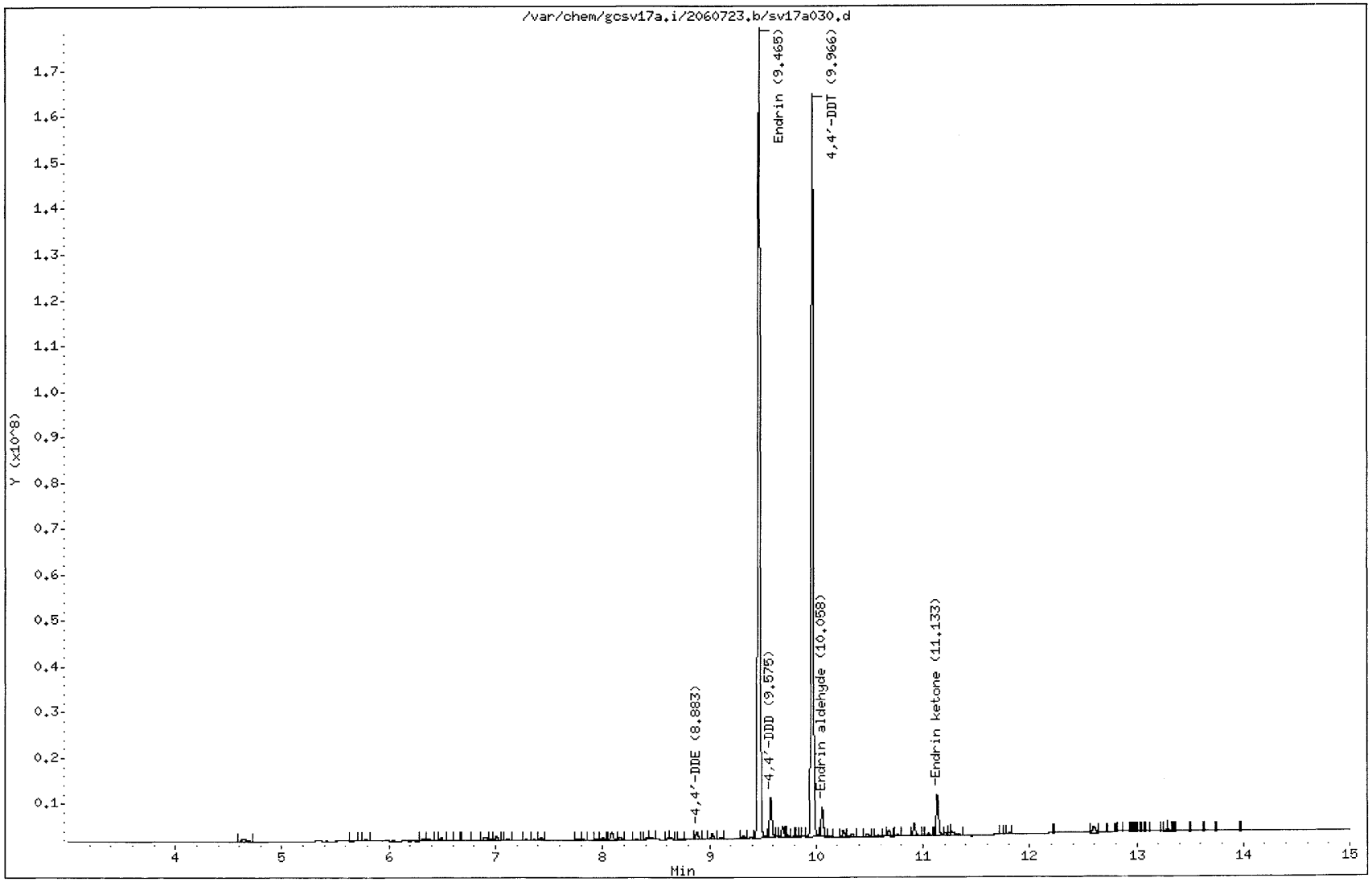
189345

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a030.d
Date : 24-JUL-2006 01:30
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001374



189346

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a042.d
Report Date: 25-Jul-2006 12:09

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 24-JUL-2006 05:42
Lab File ID: sv17a042.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060723.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	4063244	0.010	0.26943	15.00000	Averaged
2 alpha-BHC	5528683	5893019	0.010	-6.58993	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	5103626	0.010	-6.14890	15.00000	Averaged
6 beta-BHC	2241906	2348720	0.010	-4.76443	15.00000	Averaged
4 Heptachlor	3957702	4207287	0.010	-6.30632	15.00000	Averaged
7 delta-BHC	4762777	5101433	0.010	-7.11047	15.00000	Averaged
5 Aldrin	4428054	4663941	0.010	-5.32710	15.00000	Averaged
8 Heptachlor epoxide	3916215	4161290	0.010	-6.25797	15.00000	Averaged
10 gamma-Chlordane	4024139	4232202	0.010	-5.17039	15.00000	Averaged
11 alpha-Chlordane	3752765	3921274	0.010	-4.49028	15.00000	Averaged
9 Endosulfan I	3612579	4008671	0.010	-10.96424	15.00000	Averaged
12 4,4'-DDE	4087034	4255125	0.010	-4.11278	15.00000	Averaged
13 Dieldrin	4166151	4364264	0.010	-4.75532	15.00000	Averaged
14 Endrin	3329333	3390835	0.010	-1.84728	15.00000	Averaged
15 4,4'-DDD	3297546	3595139	0.010	-9.02465	15.00000	Averaged
16 Endosulfan II	3481967	3711850	0.010	-6.60209	15.00000	Averaged
17 4,4'-DDT	2895086	3036850	0.010	-4.89671	15.00000	Averaged
18 Endrin aldehyde	2923629	3019184	0.010	-3.26838	15.00000	Averaged
20 Endosulfan sulfate	3158153	3305488	0.010	-4.66524	15.00000	Averaged
19 Methoxychlor	1534485	1607407	0.010	-4.75220	15.00000	Averaged
21 Endrin ketone	3739219	4026421	0.010	-7.68079	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3176560	0.010	-1.84357	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 5.31129
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a042.d
Report Date: 25-Jul-2006 12:09

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a042.d
Lab Smp Id: 1400
Inj Date : 24-JUL-2006 05:42
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 25-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 42 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

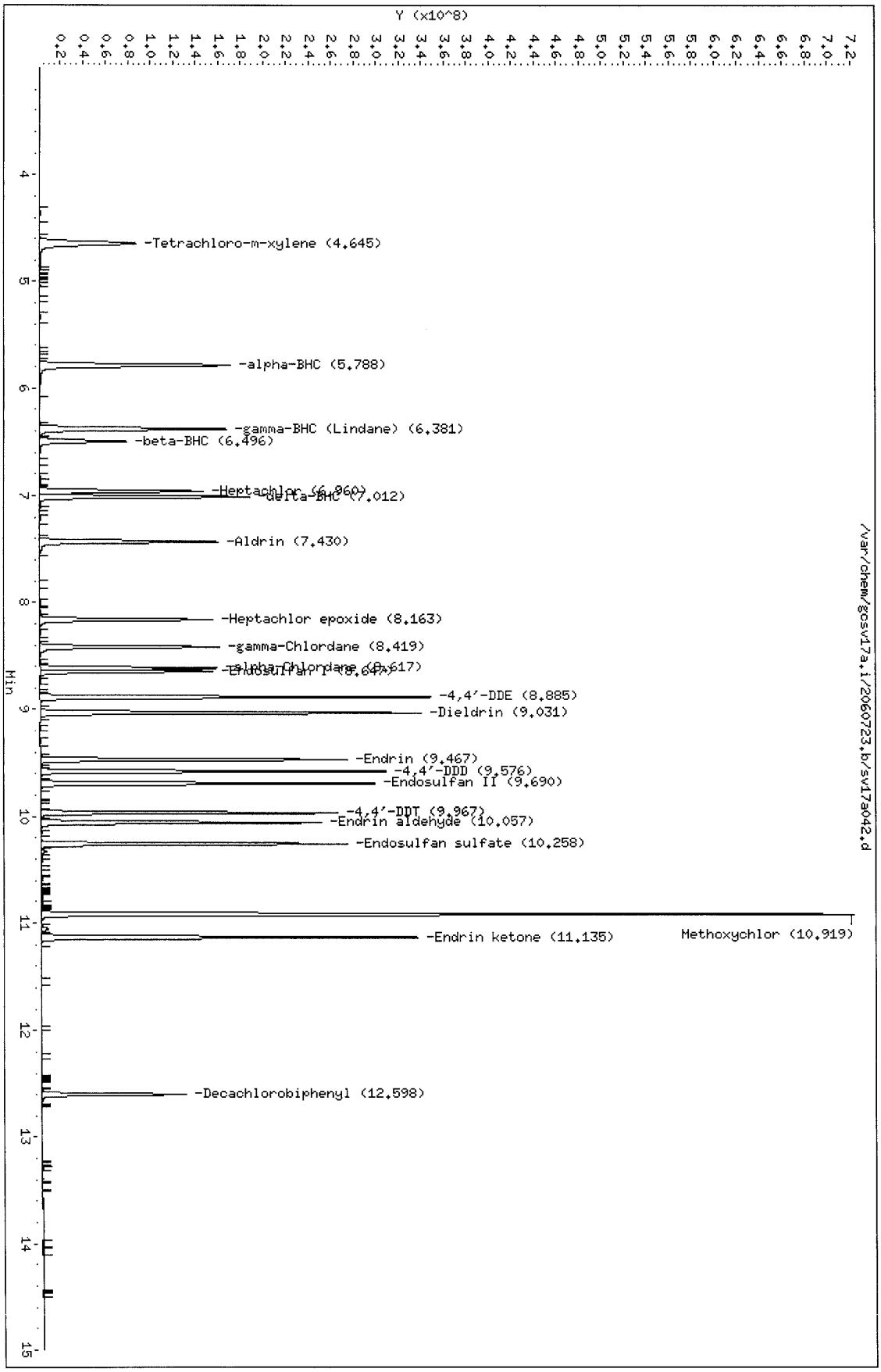
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.645	4.650	-0.005	243794669	60.0000	60
2 alpha-BHC	5.788	5.791	-0.003	353581135	60.0000	64
3 gamma-BHC (Lindane)	6.381	6.387	-0.006	306217580	60.0000	64
6 beta-BHC	6.496	6.500	-0.004	140923227	60.0000	63
4 Heptachlor	6.960	6.963	-0.003	252437227	60.0000	64
7 delta-BHC	7.012	7.017	-0.005	306085989	60.0000	64
5 Aldrin	7.430	7.435	-0.005	279836451	60.0000	63
8 Heptachlor epoxide	8.163	8.168	-0.005	249677420	60.0000	64
10 gamma-Chlordane	8.419	8.421	-0.002	253932138	60.0000	63
11 alpha-Chlordane	8.617	8.620	-0.003	235276466	60.0000	63
9 Endosulfan I	8.647	8.650	-0.003	240520247	60.0000	67
12 4,4'-DDE	8.885	8.889	-0.004	510615027	120.000	120
13 Dieldrin	9.031	9.035	-0.004	523711736	120.000	130

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a042.d
Report Date: 25-Jul-2006 12:09

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.467	9.470	-0.003	406900204	120.000	120
15 4,4'-DDD	9.576	9.580	-0.004	431416628	120.000	130
16 Endosulfan II	9.690	9.695	-0.005	445421957	120.000	130
17 4,4'-DDT	9.967	9.971	-0.004	364421974	120.000	130
18 Endrin aldehyde	10.057	10.061	-0.004	362302133	120.000	120
20 Endosulfan sulfate	10.258	10.262	-0.004	396658549	120.000	130
19 Methoxychlor	10.919	10.922	-0.003	964444290	600.000	630
21 Endrin ketone	11.135	11.139	-0.004	483170473	120.000	130
$ 22 Decachlorobiphenyl	12.598	12.601	-0.003	190593613	60.0000	61

Data File: /var/chem/gcsv17a.i/20060723.b/sv17a042.d
Date : 24-JUL-2006 05:42
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001378

189350

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{31490529 + 1123424}{31490529 + 1123424 + 191772249} \times 100 = 14.5\ \%$$

DDT Breakdown: Criteria

< 15%

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Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{9384204 + 4194628}{9384204 + 4194628 + 281007989} \times 100 = 4.6\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a001.d
Report Date: 27-Jul-2006 08:04

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a001.d
Lab Smp Id: deg
Inj Date : 25-JUL-2006 14:28
Operator : tls Inst ID: gcsv17a.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 26-Jul-2006 17:08 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

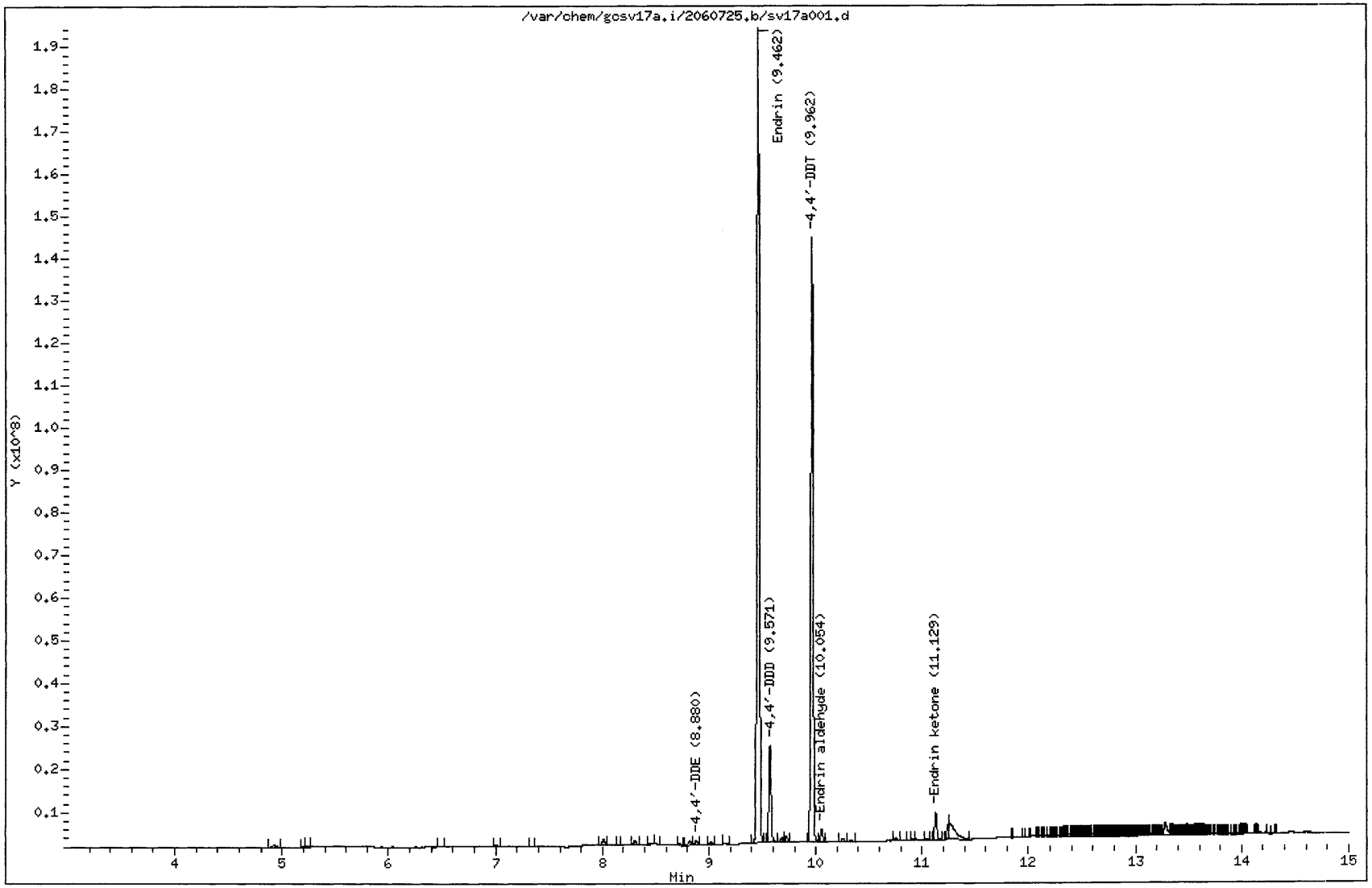
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
12 4,4'-DDE	8.880	8.888	-0.008	1123424	0.27488	0.0027
15 4,4'-DDD	9.571	9.579	-0.008	31490529	9.54968	0.095
17 4,4'-DDT	9.962	9.970	-0.008	191772249	66.2406	0.66
18 Endrin aldehyde	10.054	10.060	-0.006	4194628	1.43473	0.014
21 Endrin ketone	11.129	11.138	-0.009	9384204	2.50967	0.025
14 Endrin	9.462	9.469	-0.007	281007989	84.4037	0.84

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a001.d
Date : 25-JUL-2006 14:28
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001381



189353

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a002.d
Report Date: 27-Jul-2006 08:29

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 25-JUL-2006 14:49
Lab File ID: sv17a002.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	3967037	0.010	2.63080	15.00000	Averaged
2 alpha-BHC	5528683	5555601	0.010	-0.48689	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4837086	0.010	-0.60520	15.00000	Averaged
6 beta-BHC	2241906	2220574	0.010	0.95152	15.00000	Averaged
4 Heptachlor	3957702	4073273	0.010	-2.92015	15.00000	Averaged
7 delta-BHC	4762777	4812098	0.010	-1.03554	15.00000	Averaged
5 Aldrin	4428054	4418908	0.010	0.20655	15.00000	Averaged
8 Heptachlor epoxide	3916215	3974274	0.010	-1.48252	15.00000	Averaged
10 gamma-Chlordane	4024139	4012693	0.010	0.28443	15.00000	Averaged
11 alpha-Chlordane	3752765	3692468	0.010	1.60673	15.00000	Averaged
9 Endosulfan I	3612579	3801046	0.010	-5.21696	15.00000	Averaged
12 4,4'-DDE	4087034	4093400	0.010	-0.15574	15.00000	Averaged
13 Dieldrin	4166151	4150631	0.010	0.37251	15.00000	Averaged
14 Endrin	3329333	3432827	0.010	-3.10854	15.00000	Averaged
15 4,4'-DDD	3297546	3597084	0.010	-9.08366	15.00000	Averaged
16 Endosulfan II	3481967	3525192	0.010	-1.24141	15.00000	Averaged
17 4,4'-DDT	2895086	2643924	0.010	8.67545	15.00000	Averaged
18 Endrin aldehyde	2923629	2793989	0.010	4.43423	15.00000	Averaged
20 Endosulfan sulfate	3158153	3058497	0.010	3.15550	15.00000	Averaged
19 Methoxychlor	1534485	1474082	0.010	3.93640	15.00000	Averaged
21 Endrin ketone	3739219	3793212	0.010	-1.44396	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3014088	0.010	3.36544	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 2.56364
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a002.d
Report Date: 27-Jul-2006 08:29

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a002.d
Lab Smp Id: 1400
Inj Date : 25-JUL-2006 14:49
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:29 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

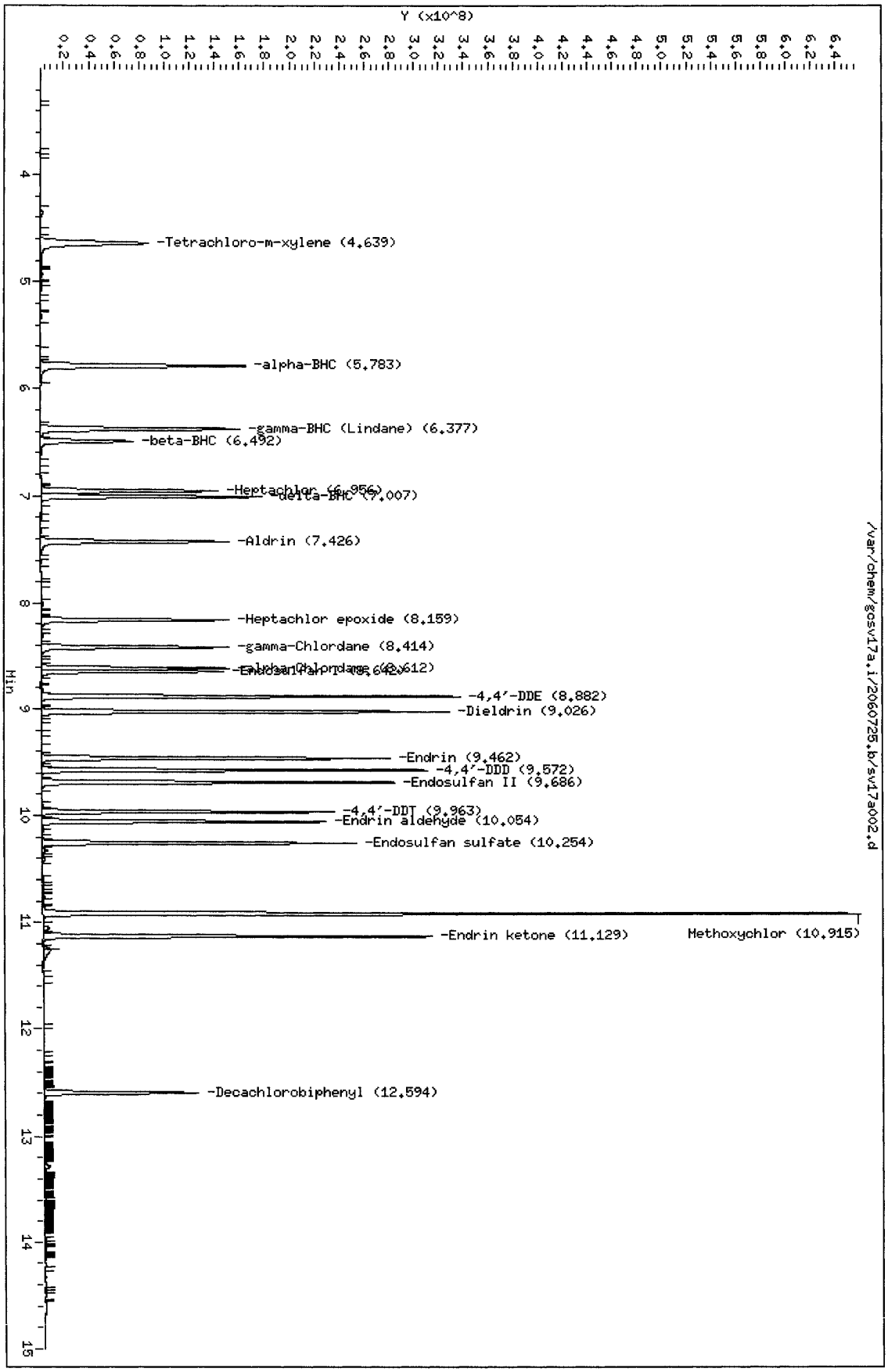
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.639	4.649	-0.010	238022213	60.0000	58
2 alpha-BHC	5.783	5.790	-0.007	333336077	60.0000	60
3 gamma-BHC (Lindane)	6.377	6.386	-0.009	290225176	60.0000	60
6 beta-BHC	6.492	6.499	-0.007	133234456	60.0000	59
4 Heptachlor	6.956	6.962	-0.006	244396351	60.0000	62
7 delta-BHC	7.007	7.017	-0.010	288725851	60.0000	61
5 Aldrin	7.426	7.435	-0.009	265134478	60.0000	60
8 Heptachlor epoxide	8.159	8.167	-0.008	238456412	60.0000	61
10 gamma-Chlordane	8.414	8.421	-0.007	240761563	60.0000	60
11 alpha-Chlordane	8.612	8.620	-0.008	221548065	60.0000	59
9 Endosulfan I	8.642	8.650	-0.008	228062747	60.0000	63
12 4,4'-DDE	8.882	8.889	-0.007	491207941	120.000	120
13 Dieldrin	9.026	9.034	-0.008	498075759	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a002.d
Report Date: 27-Jul-2006 08:29

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.462	9.469	-0.007	411939185	120.000	120
15 4,4'-DDD	9.572	9.579	-0.007	431650117	120.000	130
16 Endosulfan II	9.686	9.694	-0.008	423023099	120.000	120
17 4,4'-DDT	9.963	9.970	-0.007	317270890	120.000	110
18 Endrin aldehyde	10.054	10.061	-0.007	335278621	120.000	110
20 Endosulfan sulfate	10.254	10.261	-0.007	367019632	120.000	120
19 Methoxychlor	10.915	10.921	-0.006	884449106	600.000	580
21 Endrin ketone	11.129	11.138	-0.009	455185438	120.000	120
$ 22 Decachlorobiphenyl	12.594	12.601	-0.007	180845298	60.0000	58

Data File: /var/chem/gosv17a.i/20060725.b/sv17a002.d
Date : 25-JUL-2006 14:49
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gosv17a.i
Operator: tls
Column diameter: 0.32



001385

189357

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a009.d
Report Date: 27-Jul-2006 08:29

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 25-JUL-2006 18:14
Lab File ID: sv17a009.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	4121661	0.010	-1.16438	15.00000	Averaged
2 alpha-BHC	5528683	5710982	0.010	-3.29733	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4938644	0.010	-2.71747	15.00000	Averaged
6 beta-BHC	2241906	2226826	0.010	0.67267	15.00000	Averaged
4 Heptachlor	3957702	4069295	0.010	-2.81965	15.00000	Averaged
7 delta-BHC	4762777	4741878	0.010	0.43880	15.00000	Averaged
5 Aldrin	4428054	4546009	0.010	-2.66381	15.00000	Averaged
8 Heptachlor epoxide	3916215	4088129	0.010	-4.38981	15.00000	Averaged
10 gamma-Chlordane	4024139	4119066	0.010	-2.35896	15.00000	Averaged
11 alpha-Chlordane	3752765	3806646	0.010	-1.43578	15.00000	Averaged
9 Endosulfan I	3612579	3888390	0.010	-7.63473	15.00000	Averaged
12 4,4'-DDE	4087034	4129964	0.010	-1.05037	15.00000	Averaged
13 Dieldrin	4166151	4246686	0.010	-1.93308	15.00000	Averaged
14 Endrin	3329333	3367752	0.010	-1.15395	15.00000	Averaged
15 4,4'-DDD	3297546	3690337	0.010	-11.91161	15.00000	Averaged
16 Endosulfan II	3481967	3579303	0.010	-2.79543	15.00000	Averaged
17 4,4'-DDT	2895086	2645563	0.010	8.61884	15.00000	Averaged
18 Endrin aldehyde	2923629	2811689	0.010	3.82879	15.00000	Averaged
20 Endosulfan sulfate	3158153	3034910	0.010	3.90236	15.00000	Averaged
19 Methoxychlor	1534485	1464345	0.010	4.57094	15.00000	Averaged
21 Endrin ketone	3739219	3872264	0.010	-3.55810	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3118353	0.010	0.02262	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 3.31543
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a009.d
Report Date: 27-Jul-2006 08:29

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a009.d
Lab Smp Id: 1400
Inj Date : 25-JUL-2006 18:14
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:29 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

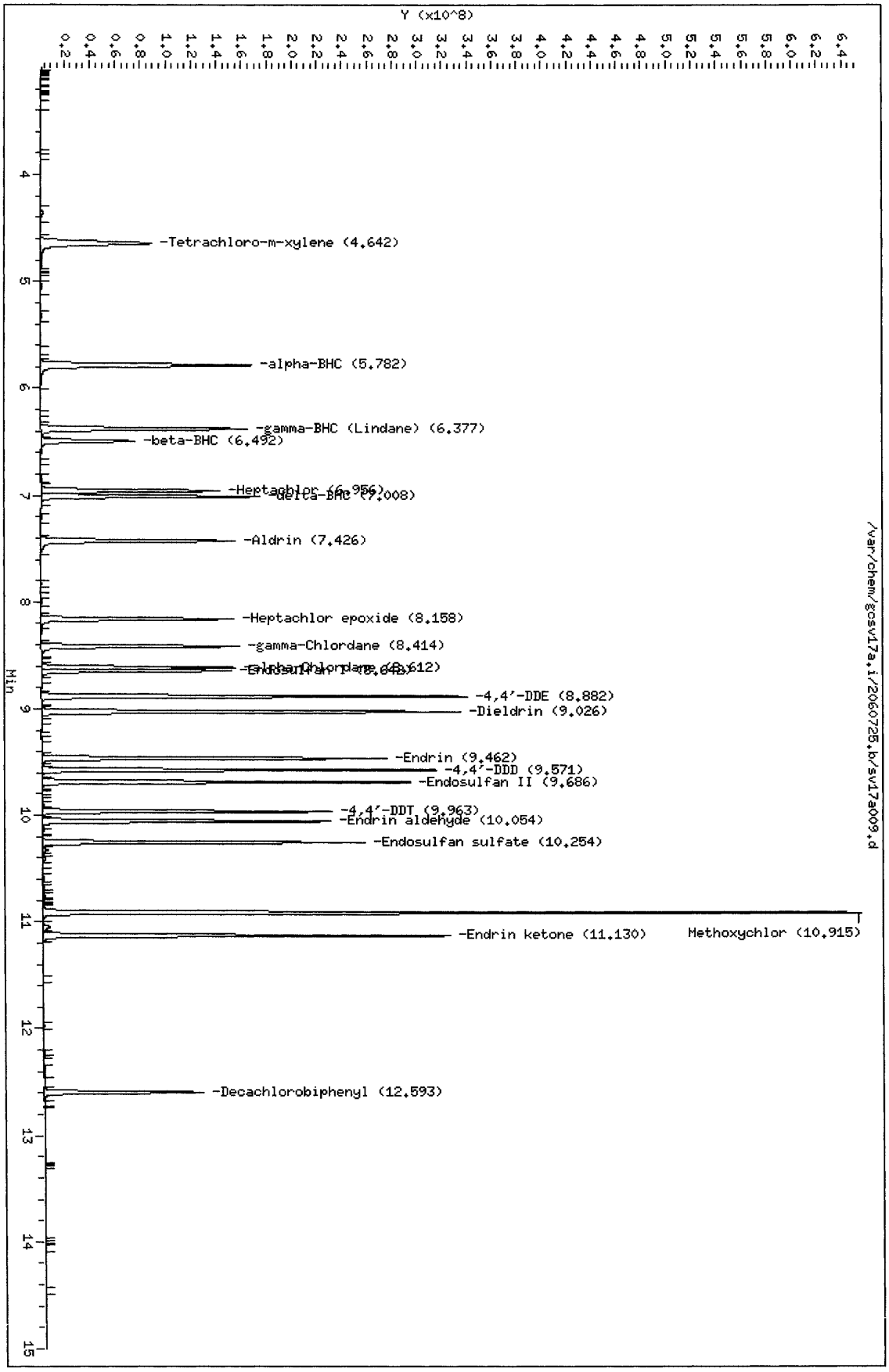
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.642	4.649	-0.007	247299658	60.0000	61
2 alpha-BHC	5.782	5.790	-0.008	342658896	60.0000	62
3 gamma-BHC (Lindane)	6.377	6.386	-0.009	296318628	60.0000	62
6 beta-BHC	6.492	6.499	-0.007	133609551	60.0000	60
4 Heptachlor	6.956	6.962	-0.006	244157716	60.0000	62
7 delta-BHC	7.008	7.017	-0.009	284512686	60.0000	60
5 Aldrin	7.426	7.435	-0.009	272760541	60.0000	62
8 Heptachlor epoxide	8.158	8.167	-0.009	245287748	60.0000	63
10 gamma-Chlordane	8.414	8.421	-0.007	247143989	60.0000	61
11 alpha-Chlordane	8.612	8.620	-0.008	228398770	60.0000	61
9 Endosulfan I	8.642	8.650	-0.008	233303370	60.0000	65
12 4,4'-DDE	8.882	8.889	-0.007	495595632	120.000	120
13 Dieldrin	9.026	9.034	-0.008	509602287	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a009.d
Report Date: 27-Jul-2006 08:29

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.462	9.469	-0.007	404130181	120.000	120
15 4,4'-DDD	9.571	9.579	-0.008	442840491	120.000	130
16 Endosulfan II	9.686	9.694	-0.008	429516350	120.000	120
17 4,4'-DDT	9.963	9.970	-0.007	317467570	120.000	110
18 Endrin aldehyde	10.054	10.061	-0.007	337402718	120.000	120
20 Endosulfan sulfate	10.254	10.261	-0.007	364189194	120.000	120
19 Methoxychlor	10.915	10.921	-0.006	878606939	600.000	570
21 Endrin ketone	11.130	11.138	-0.008	464671729	120.000	120
$ 22 Decachlorobiphenyl	12.593	12.600	-0.007	187101157	60.0000	60

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a009.d
Date : 25-JUL-2006 18:14
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



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Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{3426721 + 4622218}{3426721 + 4622218 + 238368699} \times 100 = 3.3\ \%$$

DDT Breakdown: Criteria

< 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{2777420 + 2242656}{2777420 + 2242656 + 281864319} \times 100 = 1.7\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a048.d
Report Date: 27-Jul-2006 08:04

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a048.d
Lab Smp Id: deg
Inj Date : 26-JUL-2006 08:55
Operator : tls Inst ID: gcsv17a.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:04 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

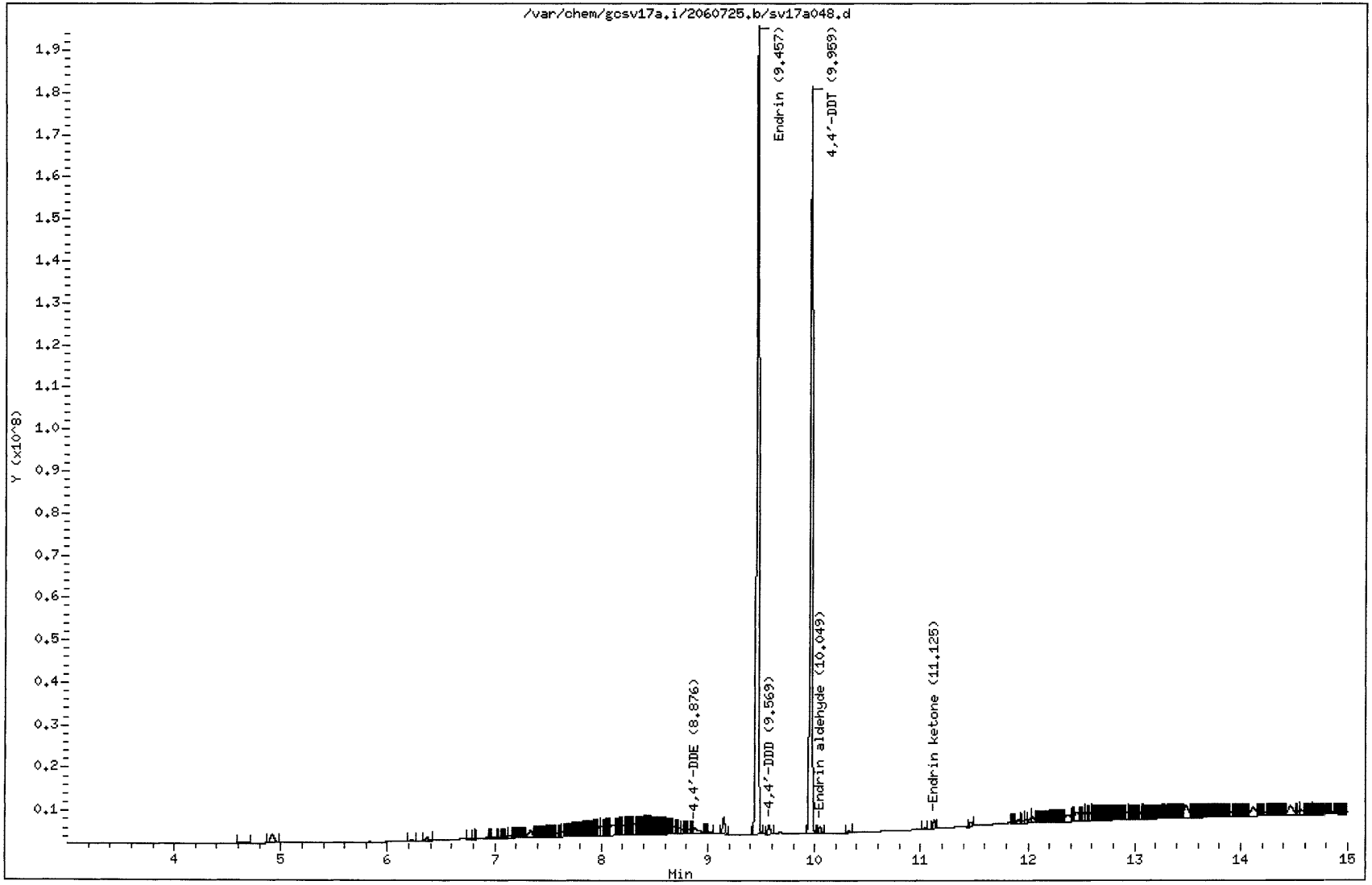
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/L)
12 4,4'-DDE	8.876	8.889	-0.013	4622218	1.13095	0.011
15 4,4'-DDD	9.569	9.579	-0.010	3426721	1.03917	0.010
17 4,4'-DDT	9.959	9.970	-0.011	238368699	82.3356	0.82
18 Endrin aldehyde	10.049	10.061	-0.012	2242656	0.76708	0.0077
21 Endrin ketone	11.125	11.138	-0.013	2777420	0.74278	0.0074
14 Endrin	9.457	9.469	-0.012	281864319	84.6609	0.85

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a048.d
Date : 26-JUL-2006 08:55
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001392



189364

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a053.d
Report Date: 27-Jul-2006 08:04

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 26-JUL-2006 12:43
Lab File ID: sv17a053.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	3955024	0.010	2.92565	15.00000	Averaged
2 alpha-BHC	5528683	5456243	0.010	1.31025	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4727789	0.010	1.66803	15.00000	Averaged
6 beta-BHC	2241906	2096518	0.010	6.48505	15.00000	Averaged
4 Heptachlor	3957702	4038921	0.010	-2.05219	15.00000	Averaged
7 delta-BHC	4762777	4696457	0.010	1.39247	15.00000	Averaged
5 Aldrin	4428054	4242894	0.010	4.18151	15.00000	Averaged
8 Heptachlor epoxide	3916215	3834843	0.010	2.07782	15.00000	Averaged
10 gamma-Chlordane	4024139	3837536	0.010	4.63707	15.00000	Averaged
11 alpha-Chlordane	3752765	3538293	0.010	5.71504	15.00000	Averaged
9 Endosulfan I	3612579	3627426	0.010	-0.41098	15.00000	Averaged
12 4,4'-DDE	4087034	3926920	0.010	3.91761	15.00000	Averaged
13 Dieldrin	4166151	4058485	0.010	2.58431	15.00000	Averaged
14 Endrin	3329333	3499815	0.010	-5.12060	15.00000	Averaged
15 4,4'-DDD	3297546	3518395	0.010	-6.69735	15.00000	Averaged
16 Endosulfan II	3481967	3434515	0.010	1.36279	15.00000	Averaged
17 4,4'-DDT	2895086	2584941	0.010	10.71282	15.00000	Averaged
18 Endrin aldehyde	2923629	2683121	0.010	8.22635	15.00000	Averaged
20 Endosulfan sulfate	3158153	3069029	0.010	2.82202	15.00000	Averaged
19 Methoxychlor	1534485	1527358	0.010	0.46446	15.00000	Averaged
21 Endrin ketone	3739219	3770899	0.010	-0.84724	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3221733	0.010	-3.29185	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 3.58652
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a053.d
Report Date: 27-Jul-2006 08:04

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a053.d
Lab Smp Id: 1400
Inj Date : 26-JUL-2006 12:43
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:04 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 53 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

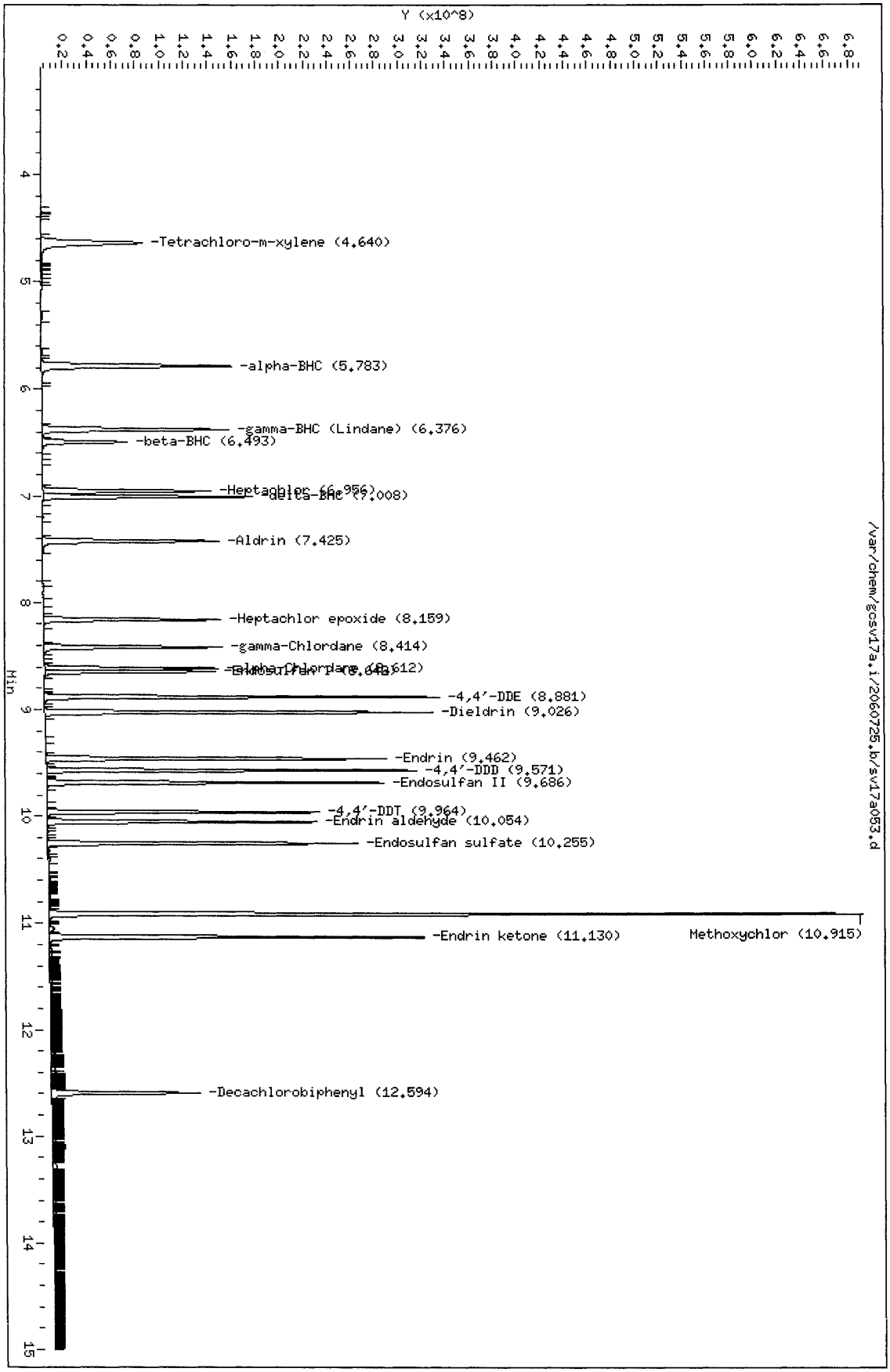
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.640	4.649	-0.009	237301466	60.0000	58
2 alpha-BHC	5.783	5.790	-0.007	327374590	60.0000	59
3 gamma-BHC (Lindane)	6.376	6.386	-0.010	283667357	60.0000	59
6 beta-BHC	6.493	6.499	-0.006	125791064	60.0000	56
4 Heptachlor	6.956	6.962	-0.006	242335287	60.0000	61
7 delta-BHC	7.008	7.017	-0.009	281787415	60.0000	59
5 Aldrin	7.425	7.435	-0.010	254573667	60.0000	57
8 Heptachlor epoxide	8.159	8.167	-0.008	230090564	60.0000	59
10 gamma-Chlordane	8.414	8.421	-0.007	230252186	60.0000	57
11 alpha-Chlordane	8.612	8.620	-0.008	212297562	60.0000	57
9 Endosulfan I	8.642	8.650	-0.008	217645546	60.0000	60
12 4,4'-DDE	8.881	8.889	-0.008	471230423	120.000	120
13 Dieldrin	9.026	9.034	-0.008	487018144	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a053.d
Report Date: 27-Jul-2006 08:04

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.462	9.469	-0.007	419977753	120.000	130
15 4,4'-DDD	9.571	9.579	-0.008	422207351	120.000	130
16 Endosulfan II	9.686	9.694	-0.008	412141830	120.000	120
17 4,4'-DDT	9.964	9.970	-0.006	310192872	120.000	110
18 Endrin aldehyde	10.054	10.061	-0.007	321974524	120.000	110
20 Endosulfan sulfate	10.255	10.261	-0.006	368283447	120.000	120
19 Methoxychlor	10.915	10.921	-0.006	916414940	600.000	600
21 Endrin ketone	11.130	11.138	-0.008	452507921	120.000	120
$ 22 Decachlorobiphenyl	12.594	12.601	-0.007	193303988	60.0000	62

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a053.d
Date : 26-JUL-2006 12:43
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



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Data File: /var/chem/gcsv17a.i/2060725.b/sv17a061.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 26-JUL-2006 16:22
Lab File ID: sv17a061.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	3790305	0.010	6.96861	15.00000	Averaged
2 alpha-BHC	5528683	5333855	0.010	3.52394	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4678766	0.010	2.68765	15.00000	Averaged
6 beta-BHC	2241906	2156172	0.010	3.82419	15.00000	Averaged
4 Heptachlor	3957702	4004815	0.010	-1.19041	15.00000	Averaged
7 delta-BHC	4762777	4718157	0.010	0.93686	15.00000	Averaged
5 Aldrin	4428054	4249068	0.010	4.04210	15.00000	Averaged
8 Heptachlor epoxide	3916215	3879589	0.010	0.93525	15.00000	Averaged
10 gamma-Chlordane	4024139	3875011	0.010	3.70582	15.00000	Averaged
11 alpha-Chlordane	3752765	3512492	0.010	6.40256	15.00000	Averaged
9 Endosulfan I	3612579	3772059	0.010	-4.41458	15.00000	Averaged
12 4,4'-DDE	4087034	3977043	0.010	2.69124	15.00000	Averaged
13 Dieldrin	4166151	4106671	0.010	1.42770	15.00000	Averaged
14 Endrin	3329333	3471117	0.010	-4.25865	15.00000	Averaged
15 4,4'-DDD	3297546	3354138	0.010	-1.71617	15.00000	Averaged
16 Endosulfan II	3481967	3498954	0.010	-0.48786	15.00000	Averaged
17 4,4'-DDT	2895086	2944142	0.010	-1.69445	15.00000	Averaged
18 Endrin aldehyde	2923629	2807555	0.010	3.97021	15.00000	Averaged
20 Endosulfan sulfate	3158153	3125147	0.010	1.04509	15.00000	Averaged
19 Methoxychlor	1534485	1665106	0.010	-8.51232	15.00000	Averaged
21 Endrin ketone	3739219	3775965	0.010	-0.98273	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3033697	0.010	2.73675	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 3.09796
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a061.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a061.d
Lab Smp Id: 1400
Inj Date : 26-JUL-2006 16:22
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:01 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 61 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

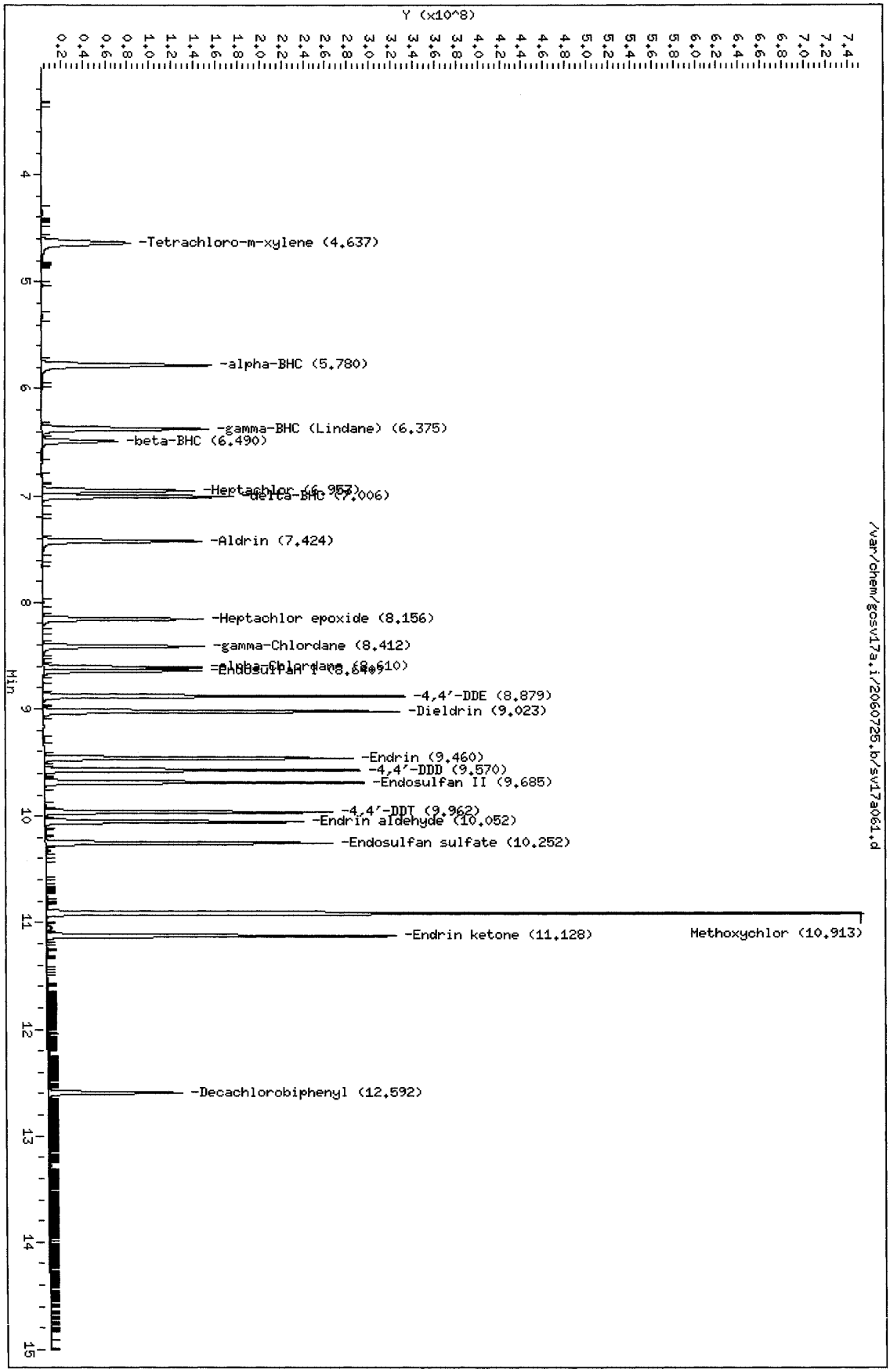
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.637	4.648	-0.011	227418293	60.0000	56
2 alpha-BHC	5.780	5.790	-0.010	320031327	60.0000	58
3 gamma-BHC (Lindane)	6.375	6.386	-0.011	280725961	60.0000	58
6 beta-BHC	6.490	6.499	-0.009	129370303	60.0000	58
4 Heptachlor	6.953	6.962	-0.009	240288883	60.0000	61
7 delta-BHC	7.006	7.016	-0.010	283089405	60.0000	59
5 Aldrin	7.424	7.434	-0.010	254944065	60.0000	58
8 Heptachlor epoxide	8.156	8.167	-0.011	232775311	60.0000	59
10 gamma-Chlordane	8.412	8.420	-0.008	232500689	60.0000	58
11 alpha-Chlordane	8.610	8.604	0.006	210749493	60.0000	56
9 Endosulfan I	8.640	8.634	0.006	226323556	60.0000	63
12 4,4'-DDE	8.879	8.888	-0.009	477245110	120.000	120
13 Dieldrin	9.023	9.034	-0.011	492800467	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a061.d
Report Date: 31-Jul-2006 13:01

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.460	9.469	-0.009	416534085	120.000	130
15 4,4'-DDD	9.570	9.579	-0.009	402496538	120.000	120
16 Endosulfan II	9.685	9.694	-0.009	419874475	120.000	120
17 4,4'-DDT	9.962	9.970	-0.008	353296997	120.000	120
18 Endrin aldehyde	10.052	10.060	-0.008	336906582	120.000	120
20 Endosulfan sulfate	10.252	10.261	-0.009	375017656	120.000	120
19 Methoxychlor	10.913	10.921	-0.008	999063383	600.000	650
21 Endrin ketone	11.128	11.138	-0.010	453115839	120.000	120
$ 22 Decachlorobiphenyl	12.592	12.600	-0.008	182021842	60.0000	58

Data File: /var/chem/gcsv17a.i/20607 25.b/sv17a061.d
Date : 26-JUL-2006 16:22
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001400

189372

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{8245179 + 1122470}{8245179 + 1122470 + 226925978} \times 100 = 4.0\ \%$$

DDT Breakdown: Criteria

< 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{5849550 + 3990514}{5849550 + 3990514 + 275893034} \times 100 = 3.4\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a063.d
Report Date: 28-Jul-2006 15:41

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a063.d
Lab Smp Id: deg
Inj Date : 27-JUL-2006 08:03
Operator : tls Inst ID: gcsv17a.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 28-Jul-2006 15:41 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

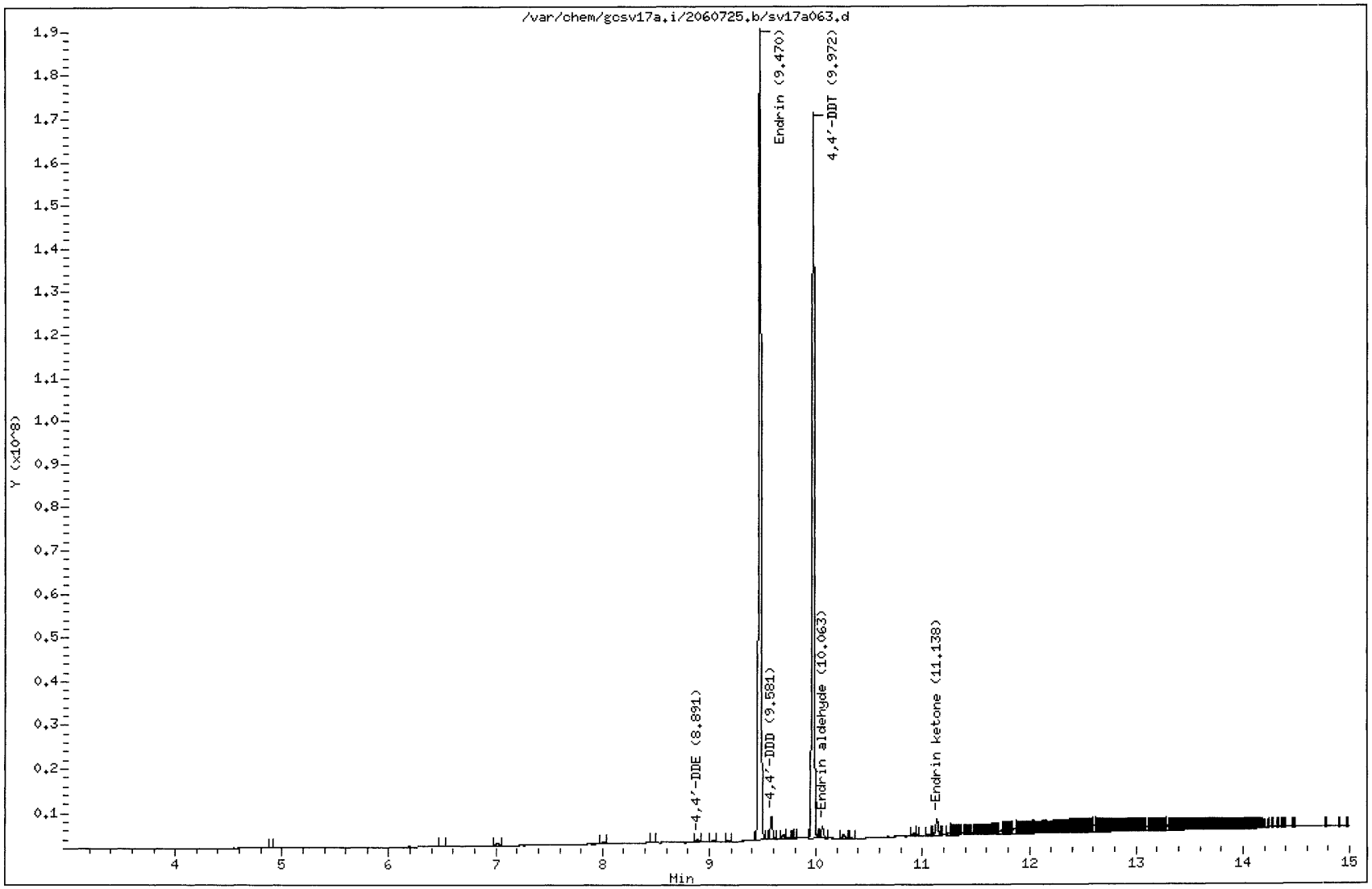
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
12 4,4'-DDE	8.891	8.888	0.003	1122470	0.27464	0.0027
15 4,4'-DDD	9.581	9.579	0.002	8245179	2.50040	0.025
17 4,4'-DDT	9.972	9.970	0.002	226925978	78.3832	0.78
18 Endrin aldehyde	10.063	10.060	0.003	3990514	1.36492	0.014
21 Endrin ketone	11.138	11.138	0.000	5849550	1.56438	0.016
14 Endrin	9.470	9.469	0.001	275893034	82.8674	0.83

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a063.d
Date : 27-JUL-2006 08:03
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001403



189375

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a064.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 27-JUL-2006 08:24
Lab File ID: sv17a064.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	4006726	0.010	1.65666	15.00000	Averaged
2 alpha-BHC	5528683	5598319	0.010	-1.25955	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4818398	0.010	-0.21651	15.00000	Averaged
6 beta-BHC	2241906	2225993	0.010	0.70979	15.00000	Averaged
4 Heptachlor	3957702	3940012	0.010	0.44696	15.00000	Averaged
7 delta-BHC	4762777	4808845	0.010	-0.96726	15.00000	Averaged
5 Aldrin	4428054	4442895	0.010	-0.33516	15.00000	Averaged
8 Heptachlor epoxide	3916215	3990026	0.010	-1.88475	15.00000	Averaged
10 gamma-Chlordane	4024139	4006001	0.010	0.45073	15.00000	Averaged
11 alpha-Chlordane	3752765	3727812	0.010	0.66493	15.00000	Averaged
9 Endosulfan I	3612579	3771592	0.010	-4.40166	15.00000	Averaged
12 4,4'-DDE	4087034	4086874	0.010	0.00393	15.00000	Averaged
13 Dieldrin	4166151	4162394	0.010	0.09017	15.00000	Averaged
14 Endrin	3329333	3471302	0.010	-4.26420	15.00000	Averaged
15 4,4'-DDD	3297546	3324171	0.010	-0.80740	15.00000	Averaged
16 Endosulfan II	3481967	3548656	0.010	-1.91526	15.00000	Averaged
17 4,4'-DDT	2895086	2908423	0.010	-0.46069	15.00000	Averaged
18 Endrin aldehyde	2923629	2835392	0.010	3.01806	15.00000	Averaged
20 Endosulfan sulfate	3158153	3167841	0.010	-0.30678	15.00000	Averaged
19 Methoxychlor	1534485	1548619	0.010	-0.92107	15.00000	Averaged
21 Endrin ketone	3739219	3790661	0.010	-1.37573	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3022024	0.010	3.11102	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 1.33038
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a064.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a064.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 08:24
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:01 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 64 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

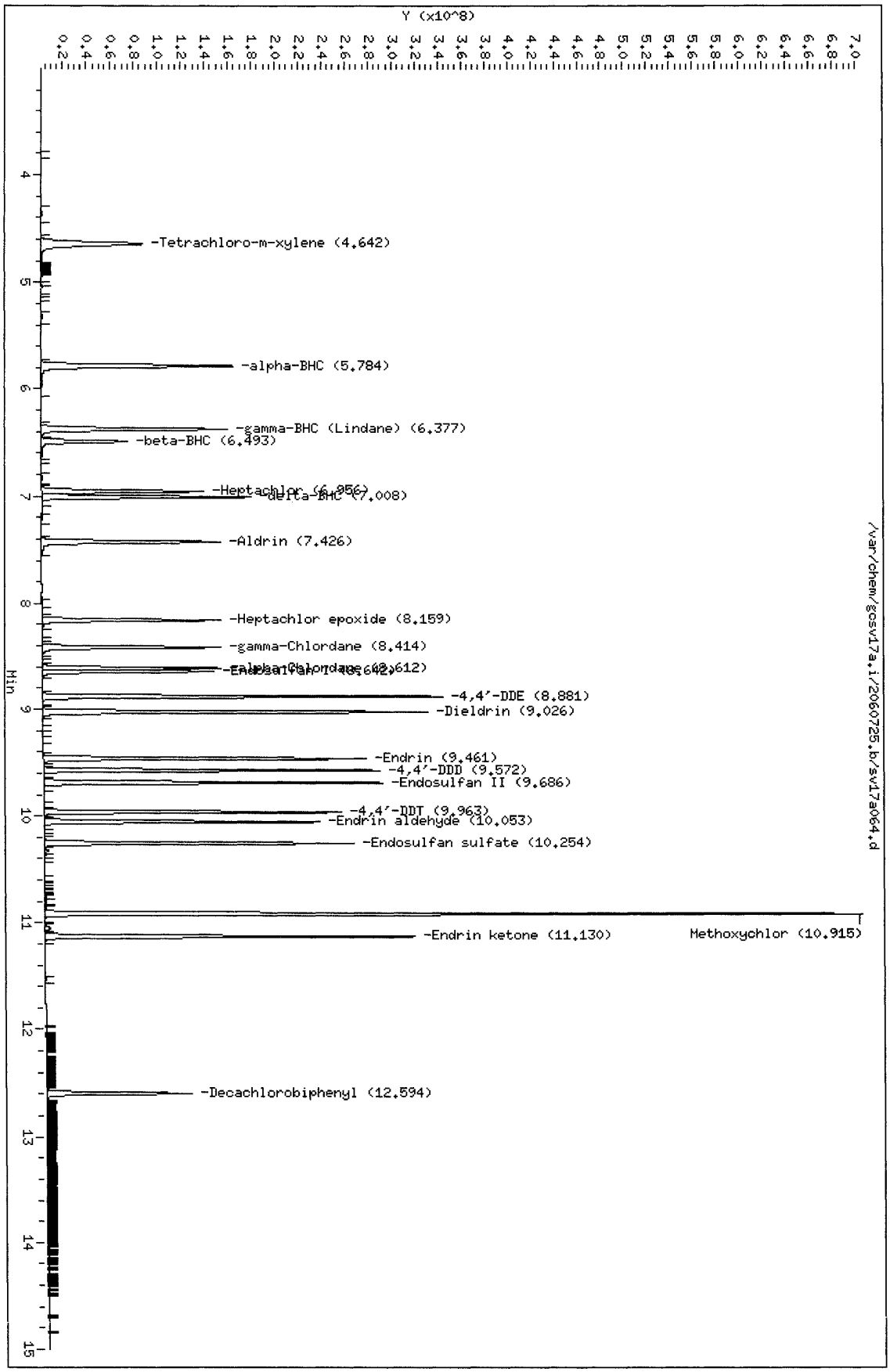
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.642	4.649	-0.007	240403542	60.0000	59
2 alpha-BHC	5.784	5.791	-0.007	335899150	60.0000	61
3 gamma-BHC (Lindane)	6.377	6.386	-0.009	289103886	60.0000	60
6 beta-BHC	6.493	6.499	-0.006	133559606	60.0000	60
4 Heptachlor	6.956	6.962	-0.006	236400744	60.0000	60
7 delta-BHC	7.008	7.017	-0.009	288530725	60.0000	61
5 Aldrin	7.426	7.435	-0.009	266573695	60.0000	60
8 Heptachlor epoxide	8.159	8.167	-0.008	239401537	60.0000	61
10 gamma-Chlordane	8.414	8.421	-0.007	240360037	60.0000	60
11 alpha-Chlordane	8.612	8.604	0.008	223668696	60.0000	60
9 Endosulfan I	8.642	8.634	0.008	226295546	60.0000	63
12 4,4'-DDE	8.881	8.889	-0.008	490424855	120.000	120
13 Dieldrin	9.026	9.034	-0.008	499487301	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a064.d
Report Date: 31-Jul-2006 13:01

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.461	9.469	-0.008	416556279	120.000	130
15 4,4'-DDD	9.572	9.579	-0.007	398900491	120.000	120
16 Endosulfan II	9.686	9.694	-0.008	425838679	120.000	120
17 4,4'-DDT	9.963	9.970	-0.007	349010781	120.000	120
18 Endrin aldehyde	10.053	10.060	-0.007	340247047	120.000	120
20 Endosulfan sulfate	10.254	10.261	-0.007	380140948	120.000	120
19 Methoxychlor	10.915	10.921	-0.006	929171390	600.000	610
21 Endrin ketone	11.130	11.138	-0.008	454879271	120.000	120
$ 22 Decachlorobiphenyl	12.594	12.601	-0.007	181321420	60.0000	58

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a064.d
Date : 27-JUL-2006 08:24
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001407

189379

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a077.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 27-JUL-2006 14:21
Lab File ID: sv17a077.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	3891783	0.010	4.47787	15.00000	Averaged
2 alpha-BHC	5528683	5466583	0.010	1.12324	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4762302	0.010	0.95021	15.00000	Averaged
6 beta-BHC	2241906	2162085	0.010	3.56042	15.00000	Averaged
4 Heptachlor	3957702	4181836	0.010	-5.66324	15.00000	Averaged
7 delta-BHC	4762777	4731847	0.010	0.64941	15.00000	Averaged
5 Aldrin	4428054	4328474	0.010	2.24884	15.00000	Averaged
8 Heptachlor epoxide	3916215	3952773	0.010	-0.93351	15.00000	Averaged
10 gamma-Chlordane	4024139	3954723	0.010	1.72499	15.00000	Averaged
11 alpha-Chlordane	3752765	3640008	0.010	3.00464	15.00000	Averaged
9 Endosulfan I	3612579	3728621	0.010	-3.21215	15.00000	Averaged
12 4,4'-DDE	4087034	4045489	0.010	1.01651	15.00000	Averaged
13 Dieldrin	4166151	4157228	0.010	0.21417	15.00000	Averaged
14 Endrin	3329333	3431401	0.010	-3.06573	15.00000	Averaged
15 4,4'-DDD	3297546	3382709	0.010	-2.58259	15.00000	Averaged
16 Endosulfan II	3481967	3510736	0.010	-0.82622	15.00000	Averaged
17 4,4'-DDT	2895086	3068122	0.010	-5.97689	15.00000	Averaged
18 Endrin aldehyde	2923629	2889165	0.010	1.17883	15.00000	Averaged
20 Endosulfan sulfate	3158153	3133821	0.010	0.77044	15.00000	Averaged
19 Methoxychlor	1534485	1718149	0.010	-11.96909	15.00000	Averaged
21 Endrin ketone	3739219	3843186	0.010	-2.78043	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3042823	0.010	2.44417	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 2.74425
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a077.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a077.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 14:21
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:01 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 77 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

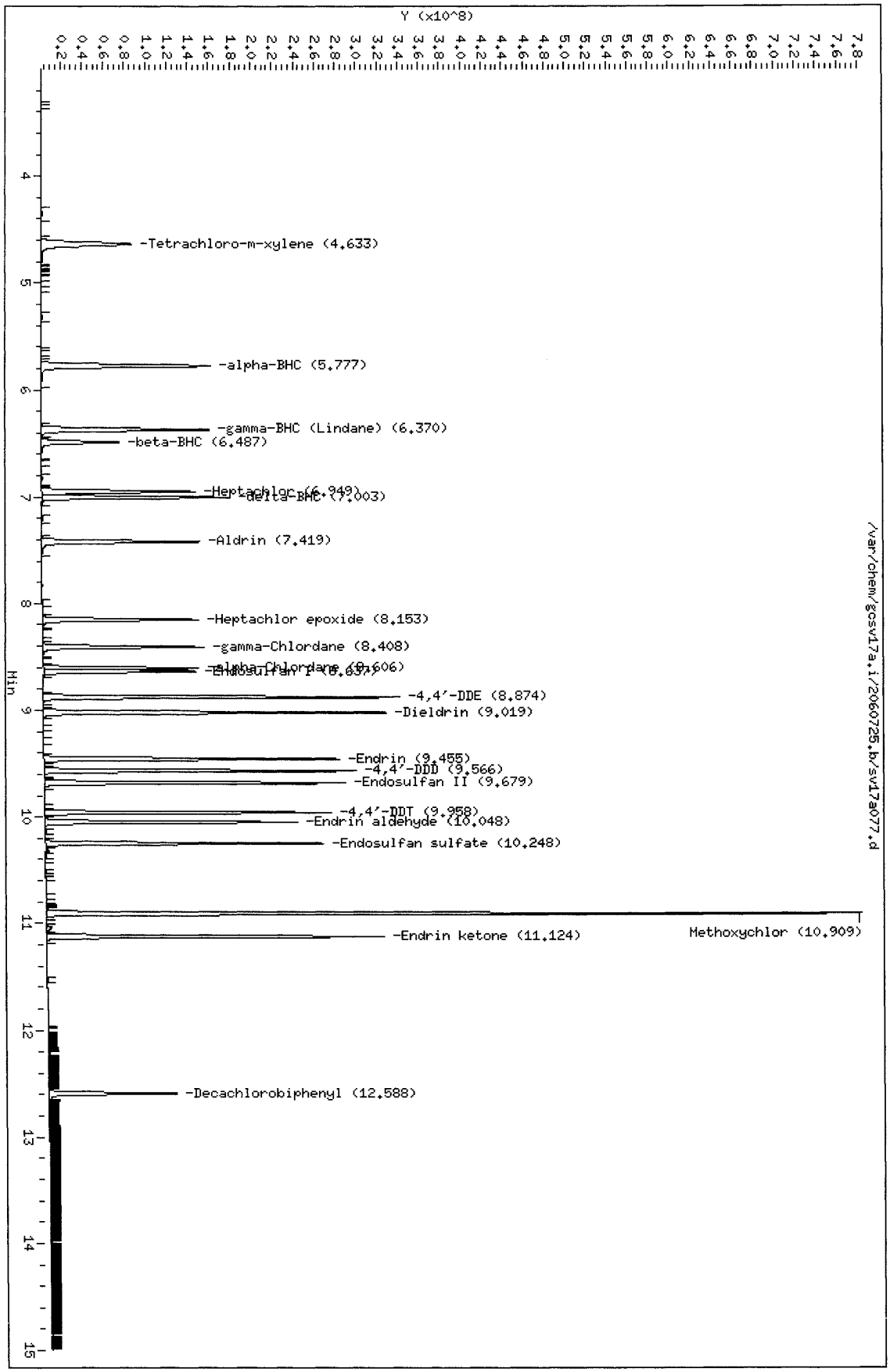
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.633	4.648	-0.015	233506994	60.0000	57
2 alpha-BHC	5.777	5.789	-0.012	327994953	60.0000	59
3 gamma-BHC (Lindane)	6.370	6.385	-0.015	285738125	60.0000	59
6 beta-BHC	6.487	6.498	-0.011	129725111	60.0000	58
4 Heptachlor	6.949	6.961	-0.012	250910154	60.0000	63
7 delta-BHC	7.003	7.016	-0.013	283910837	60.0000	60
5 Aldrin	7.419	7.434	-0.015	259708451	60.0000	59
8 Heptachlor epoxide	8.153	8.166	-0.013	237166377	60.0000	61
10 gamma-Chlordane	8.408	8.420	-0.012	237283355	60.0000	59
11 alpha-Chlordane	8.606	8.603	0.003	218400459	60.0000	58
9 Endosulfan I	8.637	8.633	0.004	223717231	60.0000	62
12 4,4'-DDE	8.874	8.887	-0.013	485458718	120.000	120
13 Dieldrin	9.019	9.033	-0.014	498867385	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a077.d
Report Date: 31-Jul-2006 13:01

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.455	9.468	-0.013	411768137	120.000	120
15 4,4'-DDD	9.566	9.578	-0.012	405925038	120.000	120
16 Endosulfan II	9.679	9.693	-0.014	421288279	120.000	120
17 4,4'-DDT	9.958	9.969	-0.011	368174652	120.000	130
18 Endrin aldehyde	10.048	10.060	-0.012	346699747	120.000	120
20 Endosulfan sulfate	10.248	10.260	-0.012	376058492	120.000	120
19 Methoxychlor	10.909	10.920	-0.011	1030889566	600.000	670
21 Endrin ketone	11.124	11.137	-0.013	461182273	120.000	120
$ 22 Decachlorobiphenyl	12.588	12.600	-0.012	182569393	60.0000	59

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a077.d
Date : 27-JUL-2006 14:21
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001411

189383

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a083.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 27-JUL-2006 18:06
Lab File ID: sv17a083.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	3928283	0.010	3.58201	15.00000	Averaged
2 alpha-BHC	5528683	5451078	0.010	1.40367	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4763745	0.010	0.92020	15.00000	Averaged
6 beta-BHC	2241906	2138575	0.010	4.60908	15.00000	Averaged
4 Heptachlor	3957702	4264032	0.010	-7.74010	15.00000	Averaged
7 delta-BHC	4762777	4746628	0.010	0.33906	15.00000	Averaged
5 Aldrin	4428054	4332665	0.010	2.15420	15.00000	Averaged
8 Heptachlor epoxide	3916215	3940187	0.010	-0.61214	15.00000	Averaged
10 gamma-Chlordane	4024139	3902216	0.010	3.02978	15.00000	Averaged
11 alpha-Chlordane	3752765	3623556	0.010	3.44303	15.00000	Averaged
9 Endosulfan I	3612579	3729060	0.010	-3.22433	15.00000	Averaged
12 4,4'-DDE	4087034	4023032	0.010	1.56598	15.00000	Averaged
13 Dieldrin	4166151	4134244	0.010	0.76586	15.00000	Averaged
14 Endrin	3329333	3557924	0.010	-6.86598	15.00000	Averaged
15 4,4'-DDD	3297546	3373727	0.010	-2.31022	15.00000	Averaged
16 Endosulfan II	3481967	3503704	0.010	-0.62426	15.00000	Averaged
17 4,4'-DDT	2895086	3103278	0.010	-7.19123	15.00000	Averaged
18 Endrin aldehyde	2923629	2841743	0.010	2.80085	15.00000	Averaged
20 Endosulfan sulfate	3158153	3157370	0.010	0.02477	15.00000	Averaged
19 Methoxychlor	1534485	1730160	0.010	-12.75179	15.00000	Averaged
21 Endrin ketone	3739219	3804392	0.010	-1.74296	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3019598	0.010	3.18878	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 3.22228
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a083.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a083.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 18:06
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:01 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 83 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

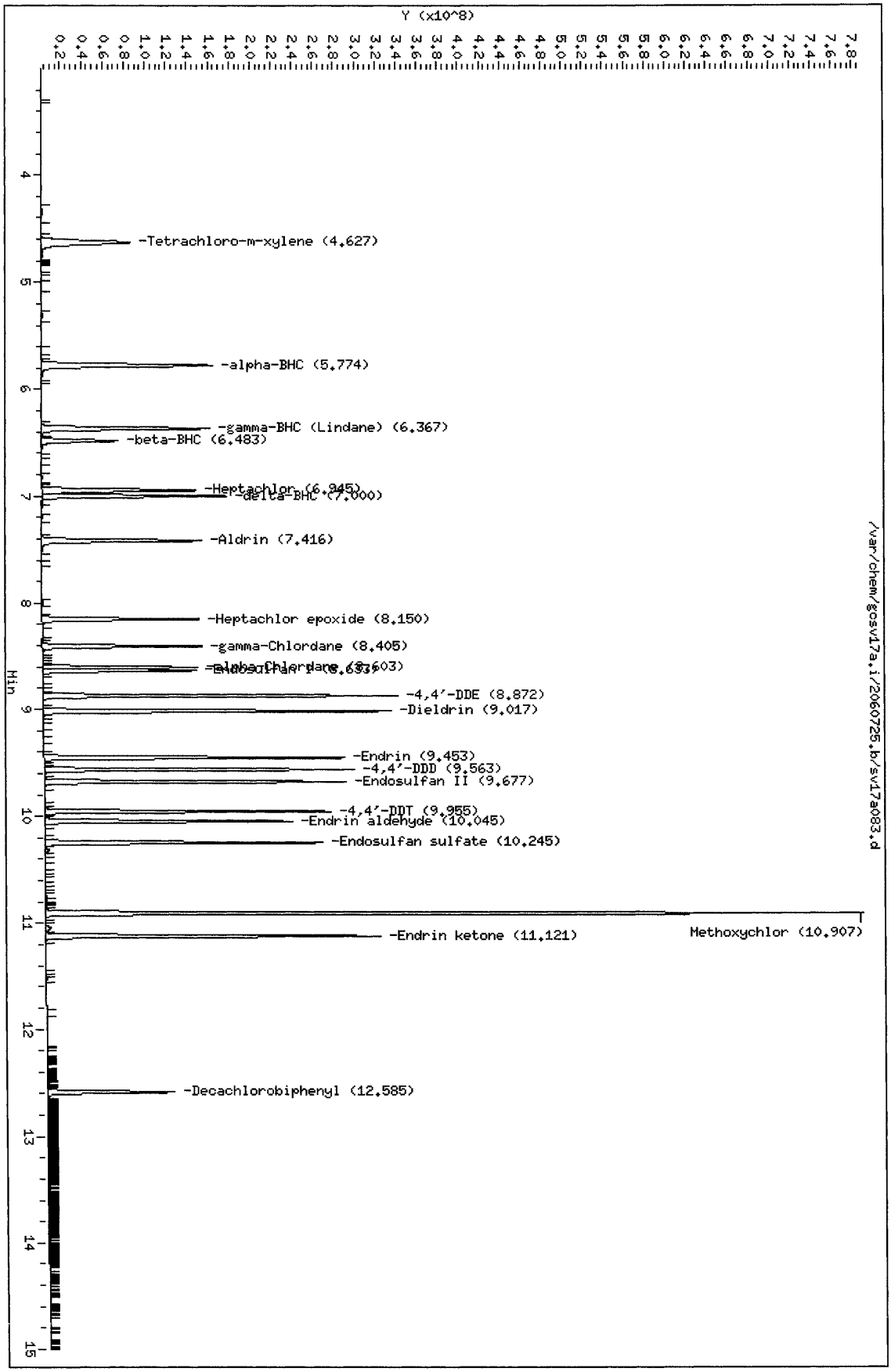
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.627	4.647	-0.020	235696957	60.0000	58
2 alpha-BHC	5.774	5.789	-0.015	327064686	60.0000	59
3 gamma-BHC (Lindane)	6.367	6.385	-0.018	285824697	60.0000	59
6 beta-BHC	6.483	6.498	-0.015	128314507	60.0000	57
4 Heptachlor	6.945	6.961	-0.016	255841902	60.0000	65
7 delta-BHC	7.000	7.015	-0.015	284797699	60.0000	60
5 Aldrin	7.416	7.433	-0.017	259959886	60.0000	59
8 Heptachlor epoxide	8.150	8.166	-0.016	236411239	60.0000	60
10 gamma-Chlordane	8.405	8.419	-0.014	234132975	60.0000	58
11 alpha-Chlordane	8.603	8.603	0.000	217413351	60.0000	58
9 Endosulfan I	8.633	8.633	0.000	223743622	60.0000	62
12 4,4'-DDE	8.872	8.887	-0.015	482763880	120.000	120
13 Dieldrin	9.017	9.033	-0.016	496109240	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a083.d
Report Date: 31-Jul-2006 13:01

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.453	9.468	-0.015	426950885	120.000	130
15 4,4'-DDD	9.563	9.577	-0.014	404847230	120.000	120
16 Endosulfan II	9.677	9.693	-0.016	420444432	120.000	120
17 4,4'-DDT	9.955	9.969	-0.014	372393363	120.000	130
18 Endrin aldehyde	10.045	10.059	-0.014	341009130	120.000	120
20 Endosulfan sulfate	10.245	10.259	-0.014	378884450	120.000	120
19 Methoxychlor	10.907	10.920	-0.013	1038095816	600.000	680
21 Endrin ketone	11.121	11.137	-0.016	456527052	120.000	120
$ 22 Decachlorobiphenyl	12.585	12.599	-0.014	181175906	60.0000	58

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a083.d
Date : 27-JUL-2006 18:06
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001415

189387

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{12707908 + 2263489}{12707908 + 2263489 + 228052259} \times 100 = 6.2\ \%$$

DDT Breakdown: Criteria

< 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{6308375 + 4976987}{6308375 + 4976987 + 275847791} \times 100 = 3.9\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a085.d
Report Date: 28-Jul-2006 15:41

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a085.d
Lab Smp Id: deg
Inj Date : 28-JUL-2006 08:46
Operator : tls Inst ID: gcsv17a.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 28-Jul-2006 15:41 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 85
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

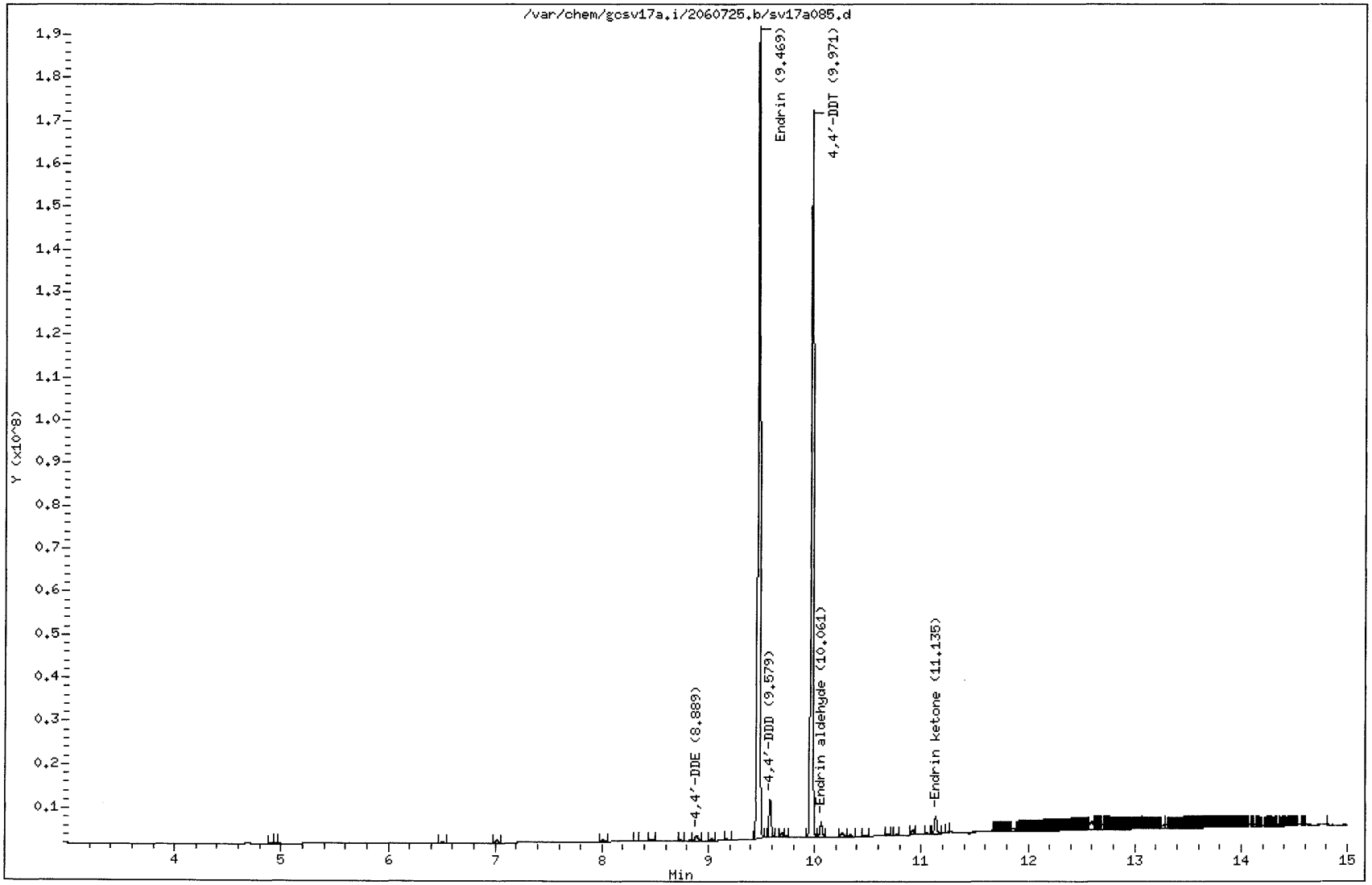
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/L)
12 4,4'-DDE	8.889	8.887	0.002	2263489	0.55382	0.0055
15 4,4'-DDD	9.579	9.577	0.002	12707908	3.85375	0.039
17 4,4'-DDT	9.971	9.969	0.002	228052259	78.7722	0.79
18 Endrin aldehyde	10.061	10.059	0.002	4976987	1.70233	0.017
21 Endrin ketone	11.135	11.137	-0.002	6308375	1.68708	0.017
14 Endrin	9.469	9.468	0.001	275847791	82.8538	0.83

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a085.d
Date : 28-JUL-2006 08:46
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001418



189390

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a086.d
Report Date: 28-Jul-2006 15:41

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 28-JUL-2006 09:07
Lab File ID: sv17a086.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	4157618	0.010	-2.04694	15.00000	Averaged
2 alpha-BHC	5528683	5725833	0.010	-3.56595	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4971330	0.010	-3.39729	15.00000	Averaged
6 beta-BHC	2241906	2267027	0.010	-1.12050	15.00000	Averaged
4 Heptachlor	3957702	4117215	0.010	-4.03044	15.00000	Averaged
7 delta-BHC	4762777	4873726	0.010	-2.32951	15.00000	Averaged
5 Aldrin	4428054	4526902	0.010	-2.23231	15.00000	Averaged
8 Heptachlor epoxide	3916215	4058546	0.010	-3.63440	15.00000	Averaged
10 gamma-Chlordane	4024139	4076378	0.010	-1.29814	15.00000	Averaged
11 alpha-Chlordane	3752765	3737883	0.010	0.39657	15.00000	Averaged
9 Endosulfan I	3612579	3884411	0.010	-7.52460	15.00000	Averaged
12 4,4'-DDE	4087034	4156799	0.010	-1.70698	15.00000	Averaged
13 Dieldrin	4166151	4235430	0.010	-1.66292	15.00000	Averaged
14 Endrin	3329333	3519685	0.010	-5.71742	15.00000	Averaged
15 4,4'-DDD	3297546	3365682	0.010	-2.06624	15.00000	Averaged
16 Endosulfan II	3481967	3585658	0.010	-2.97793	15.00000	Averaged
17 4,4'-DDT	2895086	2969944	0.010	-2.58571	15.00000	Averaged
18 Endrin aldehyde	2923629	2895488	0.010	0.96254	15.00000	Averaged
20 Endosulfan sulfate	3158153	3182380	0.010	-0.76713	15.00000	Averaged
19 Methoxychlor	1534485	1591440	0.010	-3.71164	15.00000	Averaged
21 Endrin ketone	3739219	3838308	0.010	-2.64998	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3047387	0.010	2.29784	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 2.66741
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a086.d
Report Date: 28-Jul-2006 15:41

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a086.d
Lab Smp Id: 1400
Inj Date : 28-JUL-2006 09:07
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 28-Jul-2006 15:41 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 86 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

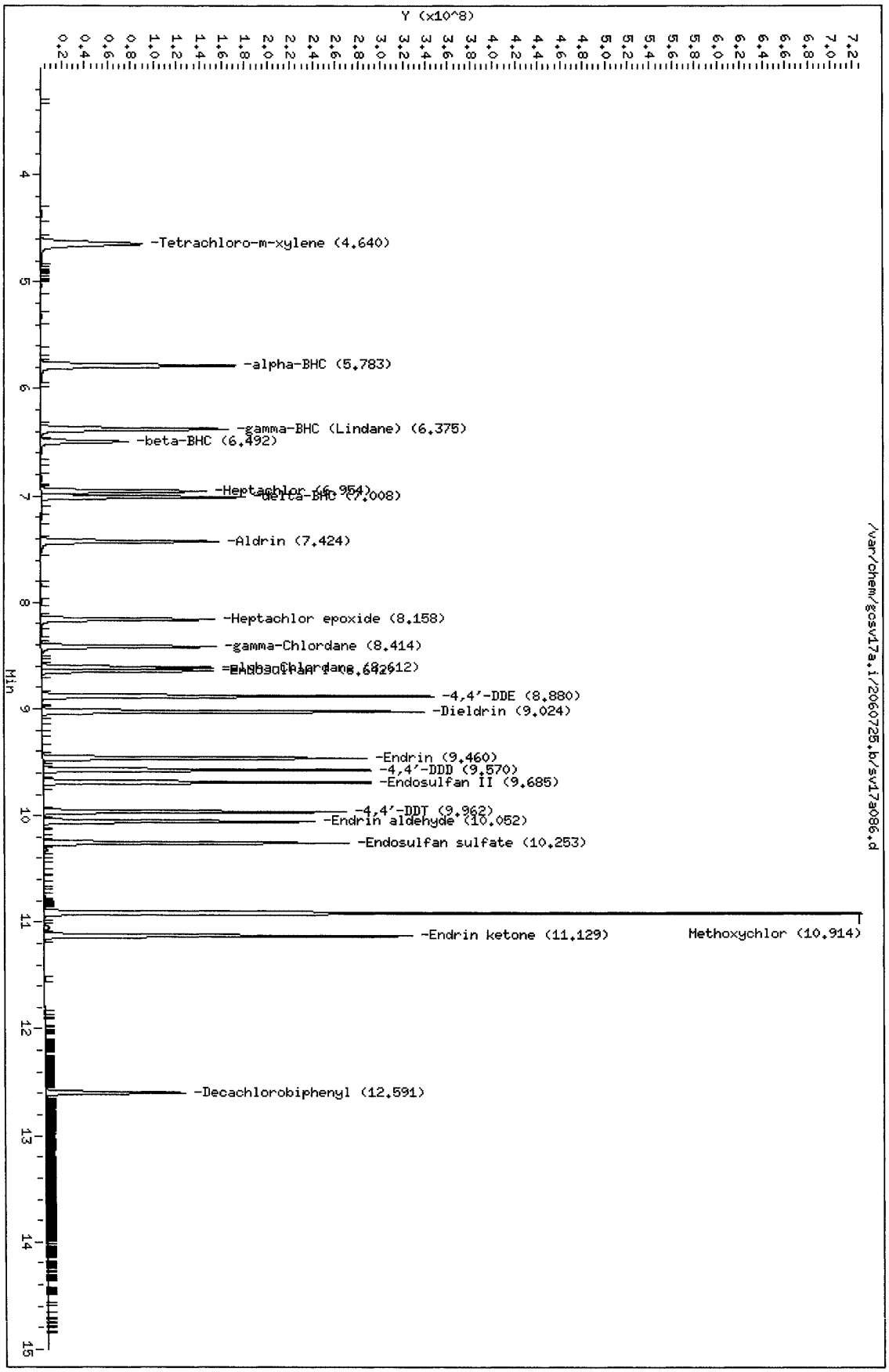
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.640	4.649	-0.009	249457104	60.0000	61
2 alpha-BHC	5.783	5.790	-0.007	343549977	60.0000	62
3 gamma-BHC (Lindane)	6.375	6.386	-0.011	298279772	60.0000	62
6 beta-BHC	6.492	6.499	-0.007	136021619	60.0000	61
4 Heptachlor	6.954	6.962	-0.008	247032881	60.0000	62
7 delta-BHC	7.008	7.017	-0.009	292423590	60.0000	61
5 Aldrin	7.424	7.434	-0.010	271614108	60.0000	61
8 Heptachlor epoxide	8.158	8.167	-0.009	243512738	60.0000	62
10 gamma-Chlordane	8.414	8.421	-0.007	244582661	60.0000	61
11 alpha-Chlordane	8.612	8.604	0.008	224272953	60.0000	60
9 Endosulfan I	8.642	8.634	0.008	233064673	60.0000	65
12 4,4'-DDE	8.880	8.888	-0.008	498815895	120.000	120
13 Dieldrin	9.024	9.034	-0.010	508251644	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a086.d
Report Date: 28-Jul-2006 15:41

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.460	9.469	-0.009	422362172	120.000	130
15 4,4'-DDD	9.570	9.579	-0.009	403881801	120.000	120
16 Endosulfan II	9.685	9.694	-0.009	430278922	120.000	120
17 4,4'-DDT	9.962	9.970	-0.008	356393330	120.000	120
18 Endrin aldehyde	10.052	10.060	-0.008	347458566	120.000	120
20 Endosulfan sulfate	10.253	10.261	-0.008	381885576	120.000	120
19 Methoxychlor	10.914	10.921	-0.007	954863947	600.000	620
21 Endrin ketone	11.129	11.138	-0.009	460596900	120.000	120
$ 22 Decachlorobiphenyl	12.591	12.600	-0.009	182843231	60.0000	59

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a086.d
Date : 28-JUL-2006 09:07
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001422

189394

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a097.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 28-JUL-2006 15:02
Lab File ID: sv17a097.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	3898566	0.010	4.31138	15.00000	Averaged
2 alpha-BHC	5528683	5427713	0.010	1.82628	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4769999	0.010	0.79012	15.00000	Averaged
6 beta-BHC	2241906	2130456	0.010	4.97122	15.00000	Averaged
4 Heptachlor	3957702	4193524	0.010	-5.95857	15.00000	Averaged
7 delta-BHC	4762777	4786564	0.010	-0.49944	15.00000	Averaged
5 Aldrin	4428054	4320419	0.010	2.43076	15.00000	Averaged
8 Heptachlor epoxide	3916215	3947075	0.010	-0.78801	15.00000	Averaged
10 gamma-Chlordane	4024139	3901087	0.010	3.05784	15.00000	Averaged
11 alpha-Chlordane	3752765	3610816	0.010	3.78250	15.00000	Averaged
9 Endosulfan I	3612579	3755408	0.010	-3.95365	15.00000	Averaged
12 4,4'-DDE	4087034	4050395	0.010	0.89648	15.00000	Averaged
13 Dieldrin	4166151	4185379	0.010	-0.46153	15.00000	Averaged
14 Endrin	3329333	3588359	0.010	-7.78012	15.00000	Averaged
15 4,4'-DDD	3297546	3395406	0.010	-2.96765	15.00000	Averaged
16 Endosulfan II	3481967	3542346	0.010	-1.73404	15.00000	Averaged
17 4,4'-DDT	2895086	3022376	0.010	-4.39675	15.00000	Averaged
18 Endrin aldehyde	2923629	2869825	0.010	1.84033	15.00000	Averaged
20 Endosulfan sulfate	3158153	3191824	0.010	-1.06619	15.00000	Averaged
19 Methoxychlor	1534485	1724827	0.010	-12.40425	15.00000	Averaged
21 Endrin ketone	3739219	3867856	0.010	-3.44022	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3043405	0.010	2.42553	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 3.26286
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a097.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a097.d
Lab Smp Id: 1400
Inj Date : 28-JUL-2006 15:02
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:01 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 97 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

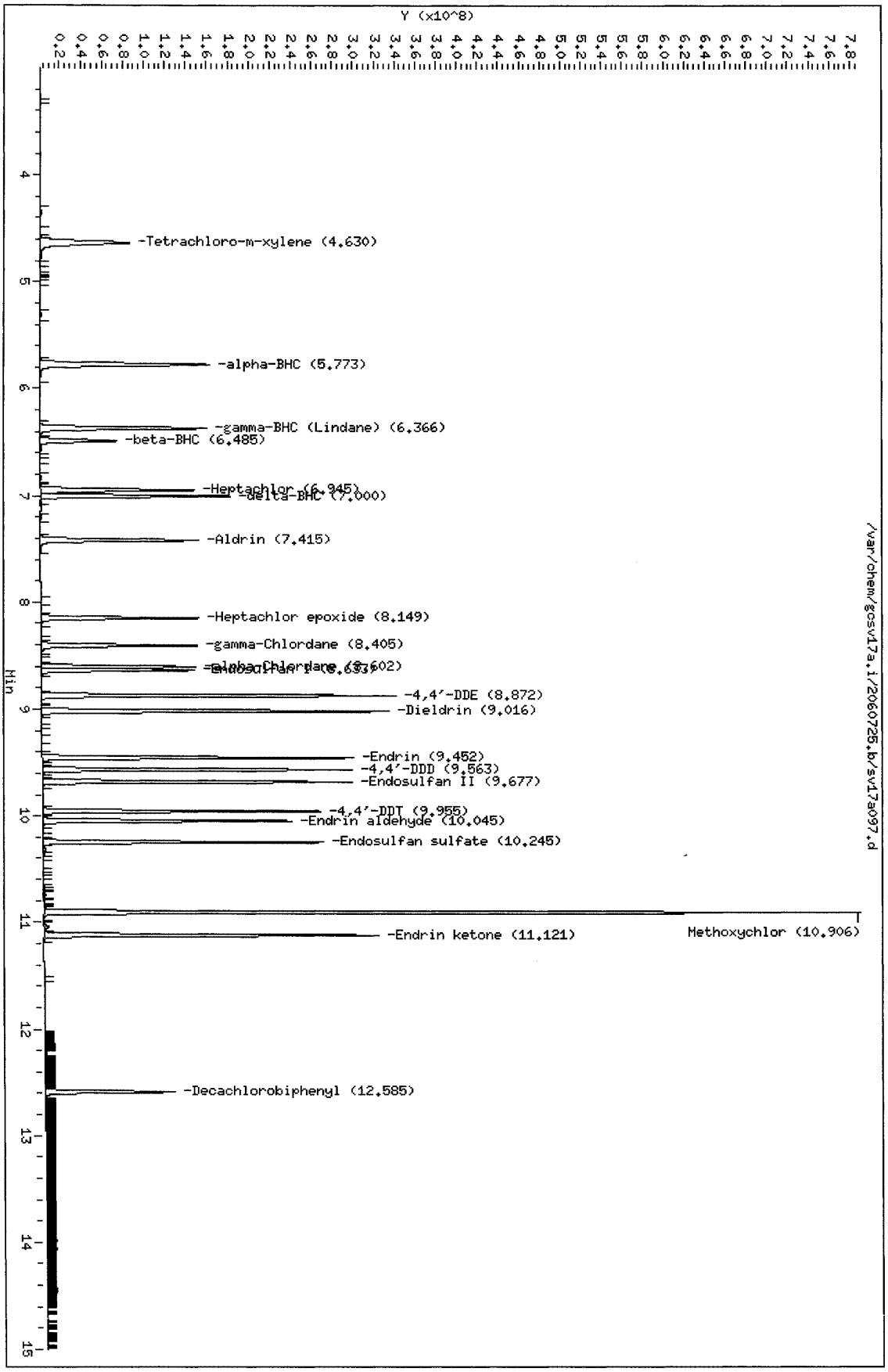
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.630	4.647	-0.017	233913983	60.0000	57
2 alpha-BHC	5.773	5.789	-0.016	325662809	60.0000	59
3 gamma-BHC (Lindane)	6.366	6.385	-0.019	286199953	60.0000	60
6 beta-BHC	6.485	6.498	-0.013	127827377	60.0000	57
4 Heptachlor	6.945	6.961	-0.016	251611450	60.0000	64
7 delta-BHC	7.000	7.015	-0.015	287193860	60.0000	60
5 Aldrin	7.415	7.433	-0.018	259225111	60.0000	59
8 Heptachlor epoxide	8.149	8.166	-0.017	236824499	60.0000	60
10 gamma-Chlordane	8.405	8.419	-0.014	234065215	60.0000	58
11 alpha-Chlordane	8.602	8.603	-0.001	216648977	60.0000	58
9 Endosulfan I	8.633	8.633	0.000	225324461	60.0000	62
12 4,4'-DDE	8.872	8.887	-0.015	486047385	120.000	120
13 Dieldrin	9.016	9.033	-0.017	502245432	120.000	120

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a097.d
Report Date: 31-Jul-2006 13:01

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.452	9.468	-0.016	430603073	120.000	130
15 4,4'-DDD	9.563	9.577	-0.014	407448713	120.000	120
16 Endosulfan II	9.677	9.693	-0.016	425081464	120.000	120
17 4,4'-DDT	9.955	9.969	-0.014	362685070	120.000	130
18 Endrin aldehyde	10.045	10.059	-0.014	344378973	120.000	120
20 Endosulfan sulfate	10.245	10.259	-0.014	383018935	120.000	120
19 Methoxychlor	10.906	10.920	-0.014	1034895983	600.000	670
21 Endrin ketone	11.121	11.137	-0.016	464142752	120.000	120
$ 22 Decachlorobiphenyl	12.585	12.599	-0.014	182604281	60.0000	59

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a097.d
Date : 28-JUL-2006 15:02
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001426

189398

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{18423836 + 2044638}{18423836 + 2044638 + 226237832} \times 100 = 8.3\ \%$$

DDT Breakdown: Criteria < 15%

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Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{10625797 + 5508863}{10625797 + 5508863 + 280180508} \times 100 = 5.4\ \%$$

Endrin Breakdown: Criteria < 15%

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a012.d
Report Date: 02-Aug-2006 14:54

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060728.b/sv17a012.d
Lab Smp Id: deg
Inj Date : 29-JUL-2006 10:32
Operator : hjl Inst ID: gcsv17a.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060728.b/pest35MS.m
Meth Date : 02-Aug-2006 14:54 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

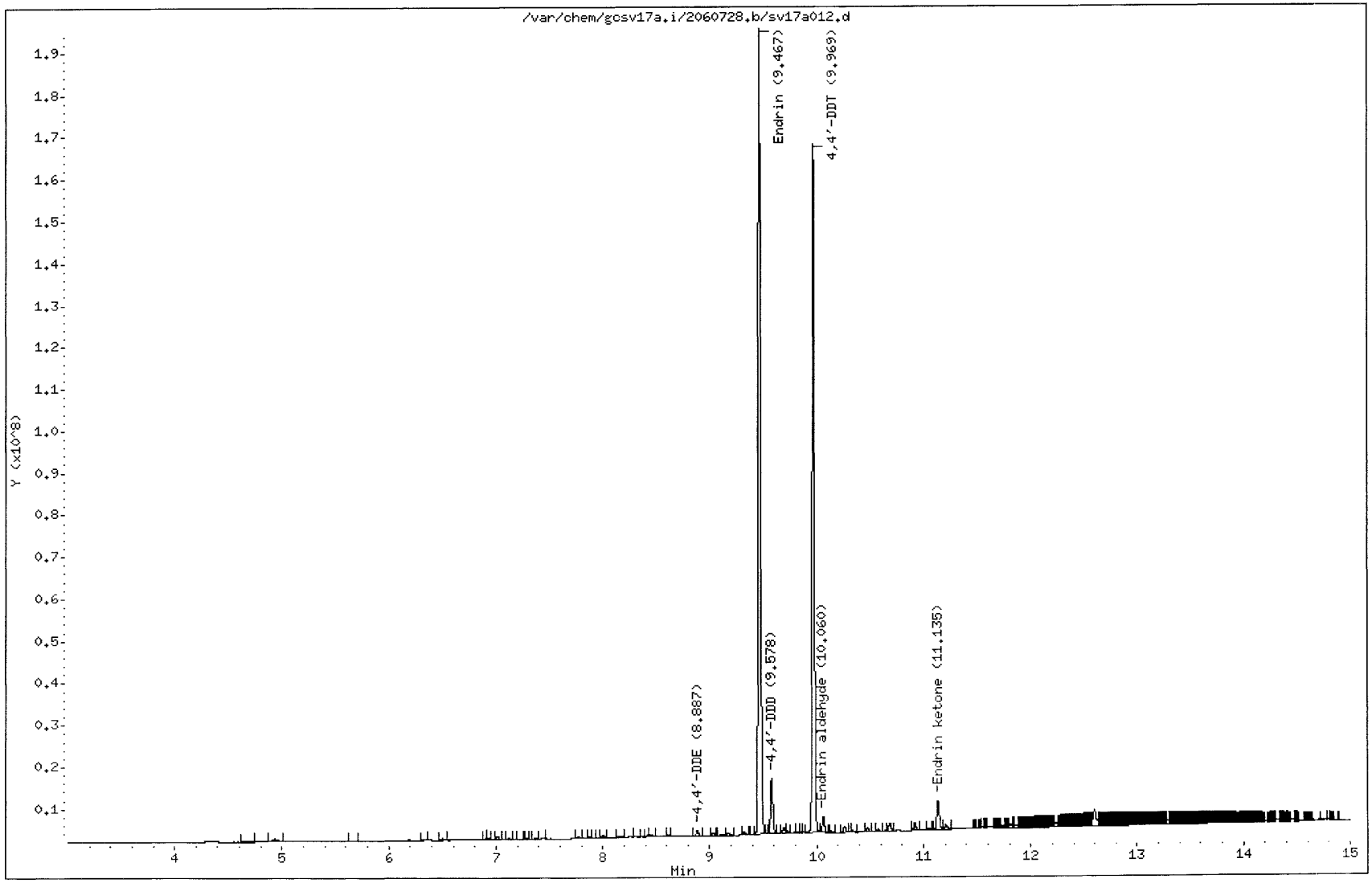
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
12 4,4'-DDE	8.887	8.888	-0.001	2044638	0.50027	0.083
15 4,4'-DDD	9.578	9.578	0.000	18423836	5.58713	0.93
17 4,4'-DDT	9.969	9.969	0.000	226237832	78.1455	13
18 Endrin aldehyde	10.060	10.060	0.000	5508863	1.88426	0.31
21 Endrin ketone	11.135	11.138	-0.003	10625797	2.84172	0.47
14 Endrin	9.467	9.469	-0.002	280180508	84.1552	14

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a012.d
Date : 29-JUL-2006 10:32
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: hjl
Column diameter: 0.32

001429



189401

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a013.d
Report Date: 03-Aug-2006 15:50

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 29-JUL-2006 10:53
Lab File ID: sv17a013.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: SOIL Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060728.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	4151084	0.010	-1.88655	15.00000	Averaged
2 alpha-BHC	5528683	5864000	0.010	-6.06505	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	5066792	0.010	-5.38278	15.00000	Averaged
6 beta-BHC	2241906	2300836	0.010	-2.62855	15.00000	Averaged
4 Heptachlor	3957702	4123742	0.010	-4.19536	15.00000	Averaged
7 delta-BHC	4762777	5051849	0.010	-6.06939	15.00000	Averaged
5 Aldrin	4428054	4626404	0.010	-4.47939	15.00000	Averaged
8 Heptachlor epoxide	3916215	4152268	0.010	-6.02759	15.00000	Averaged
10 gamma-Chlordane	4024139	4156914	0.010	-3.29947	15.00000	Averaged
11 alpha-Chlordane	3752765	3860790	0.010	-2.87856	15.00000	Averaged
9 Endosulfan I	3612579	3961560	0.010	-9.66015	15.00000	Averaged
12 4,4'-DDE	4087034	4241041	0.010	-3.76816	15.00000	Averaged
13 Dieldrin	4166151	4356040	0.010	-4.55790	15.00000	Averaged
14 Endrin	3329333	3577342	0.010	-7.44922	15.00000	Averaged
15 4,4'-DDD	3297546	3449135	0.010	-4.59701	15.00000	Averaged
16 Endosulfan II	3481967	3703220	0.010	-6.35426	15.00000	Averaged
17 4,4'-DDT	2895086	2906160	0.010	-0.38251	15.00000	Averaged
18 Endrin aldehyde	2923629	2912917	0.010	0.36638	15.00000	Averaged
20 Endosulfan sulfate	3158153	3318271	0.010	-5.07002	15.00000	Averaged
19 Methoxychlor	1534485	1566100	0.010	-2.06031	15.00000	Averaged
21 Endrin ketone	3739219	4004643	0.010	-7.09837	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3144104	0.010	-0.80298	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 4.32182
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a013.d
Report Date: 03-Aug-2006 15:50

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060728.b/sv17a013.d
Lab Smp Id: 1400
Inj Date : 29-JUL-2006 10:53
Operator : hjl Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9763~*
Comment :
Method : /var/chem/gcsv17a.i/2060728.b/pest35MS.m
Meth Date : 03-Aug-2006 15:50 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 13 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

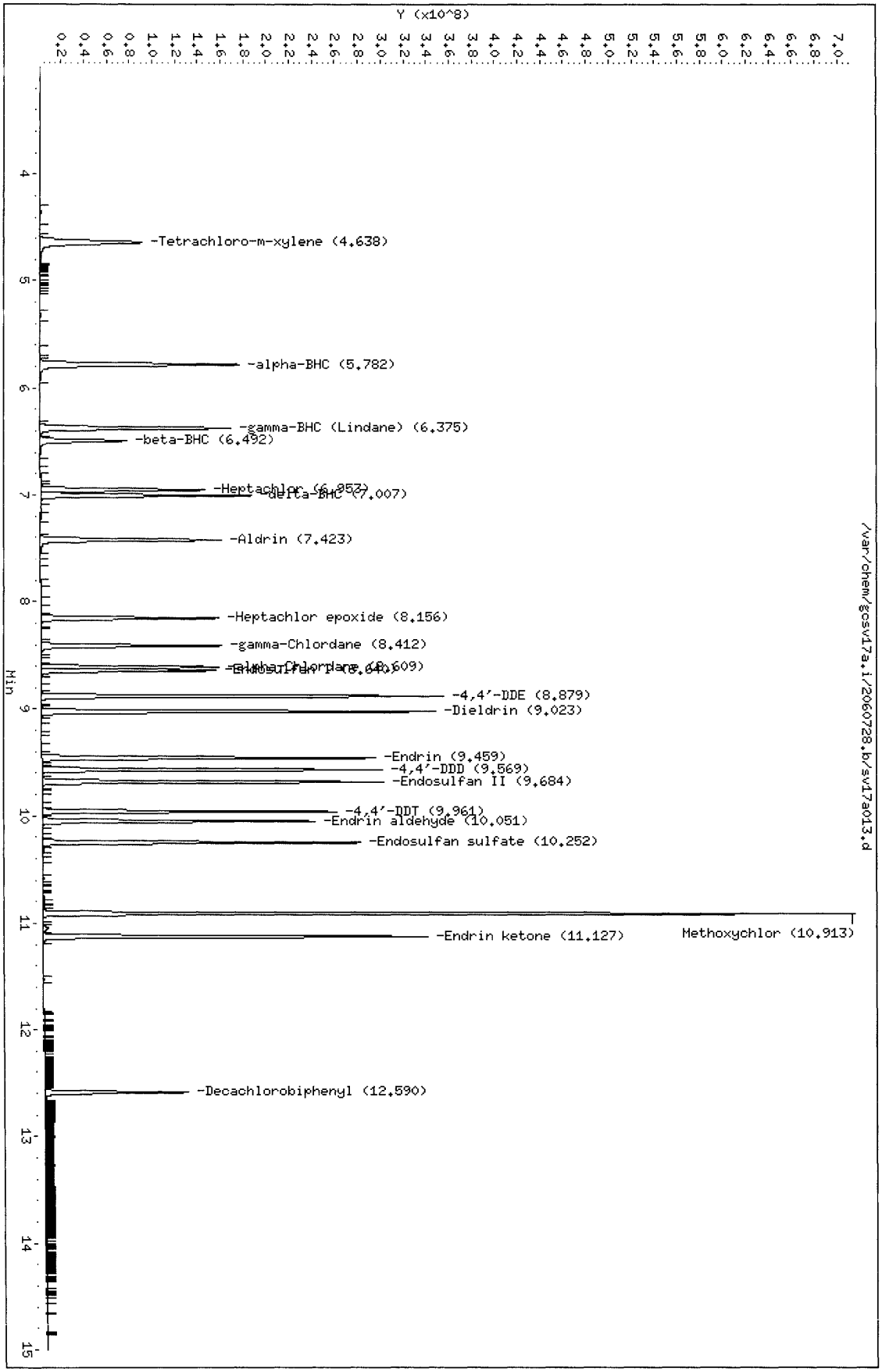
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.638	4.648	-0.010	249065029	60.0000	61
2 alpha-BHC	5.782	5.790	-0.008	351840025	60.0000	64
3 gamma-BHC (Lindane)	6.375	6.386	-0.011	304007497	60.0000	63
6 beta-BHC	6.492	6.499	-0.007	138050165	60.0000	62
4 Heptachlor	6.953	6.962	-0.009	247424493	60.0000	63
7 delta-BHC	7.007	7.017	-0.010	303110918	60.0000	64
5 Aldrin	7.423	7.434	-0.011	277584212	60.0000	63
8 Heptachlor epoxide	8.156	8.167	-0.011	249136100	60.0000	64
10 gamma-Chlordane	8.412	8.420	-0.008	249414829	60.0000	62
11 alpha-Chlordane	8.609	8.604	0.005	231647426	60.0000	62
9 Endosulfan I	8.640	8.634	0.006	237693574	60.0000	66
12 4,4'-DDE	8.879	8.888	-0.009	508924872	120.000	120

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a013.d
Report Date: 03-Aug-2006 15:50

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
13 Dieldrin	9.023	9.034	-0.011	522724774	120.000	130
14 Endrin	9.459	9.469	-0.010	429281034	120.000	130
15 4,4'-DDD	9.569	9.579	-0.010	413896212	120.000	130
16 Endosulfan II	9.684	9.694	-0.010	444386442	120.000	130
17 4,4'-DDT	9.961	9.970	-0.009	348739180	120.000	120
18 Endrin aldehyde	10.051	10.060	-0.009	349550083	120.000	120
20 Endosulfan sulfate	10.252	10.260	-0.008	398192579	120.000	130
19 Methoxychlor	10.913	10.921	-0.008	939660248	600.000	610
21 Endrin ketone	11.127	11.138	-0.011	480557111	120.000	130
$ 22 Decachlorobiphenyl	12.590	12.600	-0.010	188646221	60.0000	60

Data File: /var/chem/gcsv17a.i/20060728.b/sv17a013.d
Date : 29-JUL-2006 10:53
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: hjl
Column diameter: 0.32



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189405

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a027.d
Report Date: 03-Aug-2006 16:40

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 29-JUL-2006 17:21
Lab File ID: sv17a027.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: SOIL Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060728.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4074222	4025118	0.010	1.20523	15.00000	Averaged
2 alpha-BHC	5528683	5605658	0.010	-1.39230	15.00000	Averaged
3 gamma-BHC (Lindane)	4807988	4898150	0.010	-1.87524	15.00000	Averaged
6 beta-BHC	2241906	2190426	0.010	2.29626	15.00000	Averaged
4 Heptachlor	3957702	4308440	0.010	-8.86216	15.00000	Averaged
7 delta-BHC	4762777	4716723	0.010	0.96697	15.00000	Averaged
5 Aldrin	4428054	4492927	0.010	-1.46505	15.00000	Averaged
8 Heptachlor epoxide	3916215	4037807	0.010	-3.10485	15.00000	Averaged
10 gamma-Chlordane	4024139	4017614	0.010	0.16214	15.00000	Averaged
11 alpha-Chlordane	3752765	3684837	0.010	1.81007	15.00000	Averaged
9 Endosulfan I	3612579	3715240	0.010	-2.84176	15.00000	Averaged
12 4,4'-DDE	4087034	4108199	0.010	-0.51785	15.00000	Averaged
13 Dieldrin	4166151	4237918	0.010	-1.72263	15.00000	Averaged
14 Endrin	3329333	3352301	0.010	-0.68986	15.00000	Averaged
15 4,4'-DDD	3297546	3411828	0.010	-3.46564	15.00000	Averaged
16 Endosulfan II	3481967	3543815	0.010	-1.77622	15.00000	Averaged
17 4,4'-DDT	2895086	3052125	0.010	-5.42433	15.00000	Averaged
18 Endrin aldehyde	2923629	2970979	0.010	-1.61955	15.00000	Averaged
20 Endosulfan sulfate	3158153	2998275	0.010	5.06237	15.00000	Averaged
19 Methoxychlor	1534485	1719540	0.010	-12.05971	15.00000	Averaged
21 Endrin ketone	3739219	3709160	0.010	0.80388	15.00000	Averaged
$ 22 Decachlorobiphenyl	3119058	3106070	0.010	0.41642	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 2.70639
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a027.d
Report Date: 03-Aug-2006 16:40

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060728.b/sv17a027.d
Lab Smp Id: 1400
Inj Date : 29-JUL-2006 17:21
Operator : hjl Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-7
Misc Info : GCSV~9764~*
Comment :
Method : /var/chem/gcsv17a.i/2060728.b/pest35MS.m
Meth Date : 03-Aug-2006 16:40 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 27 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

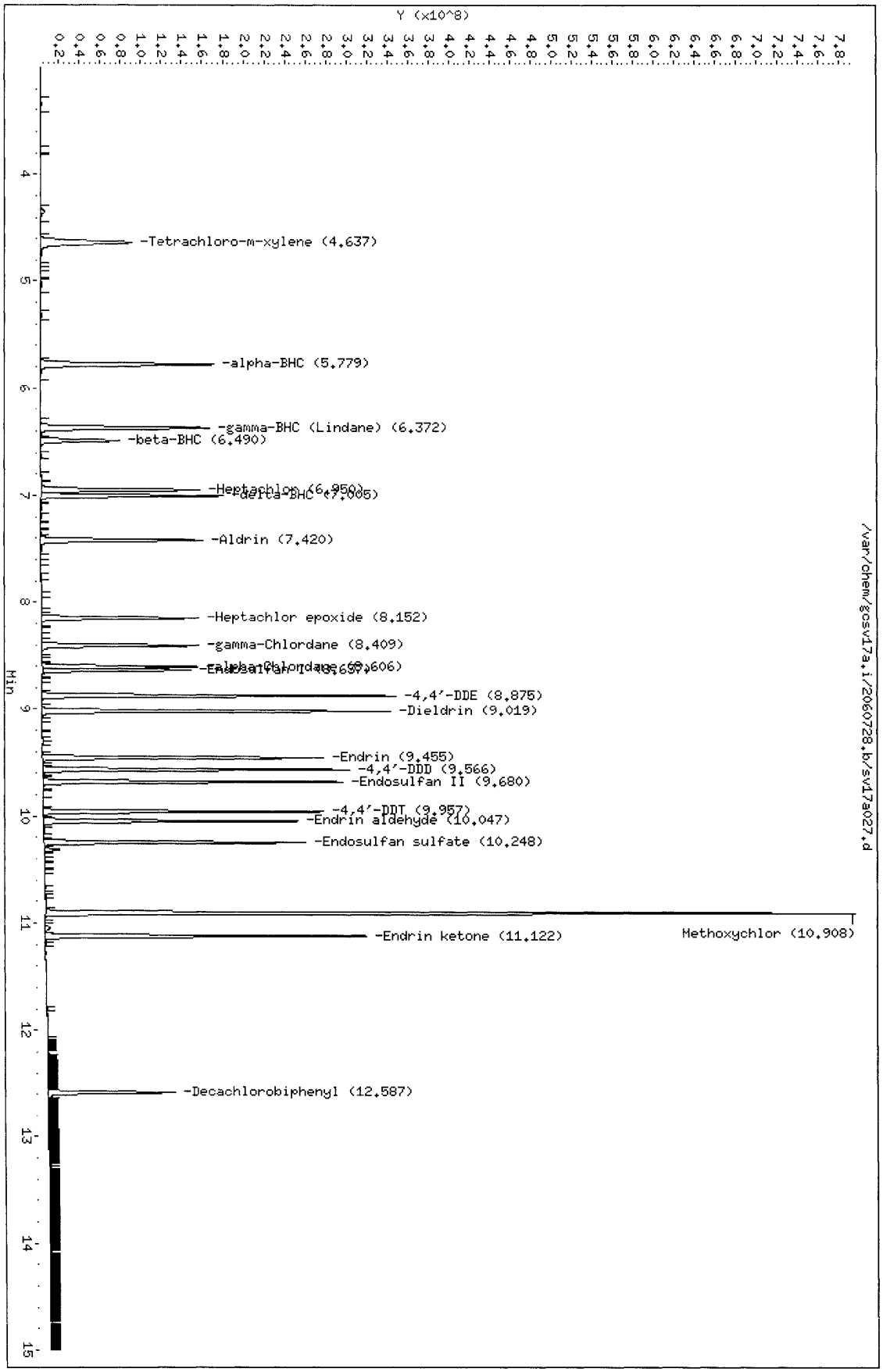
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.637	4.648	-0.011	241507069	60.0000	59
2 alpha-BHC	5.779	5.790	-0.011	336339510	60.0000	61
3 gamma-BHC (Lindane)	6.372	6.385	-0.013	293888970	60.0000	61
6 beta-BHC	6.490	6.499	-0.009	131425580	60.0000	59
4 Heptachlor	6.950	6.961	-0.011	258506387	60.0000	65
7 delta-BHC	7.005	7.016	-0.011	283003361	60.0000	59
5 Aldrin	7.420	7.434	-0.014	269575630	60.0000	61
8 Heptachlor epoxide	8.152	8.166	-0.014	242268436	60.0000	62
10 gamma-Chlordane	8.409	8.420	-0.011	241056823	60.0000	60
11 alpha-Chlordane	8.606	8.603	0.003	221090232	60.0000	59
9 Endosulfan I	8.637	8.633	0.004	222914387	60.0000	62
12 4,4'-DDE	8.875	8.888	-0.013	492983873	120.000	120

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a027.d
Report Date: 03-Aug-2006 16:40

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
13 Dieldrin	9.019	9.033	-0.014	508550163	120.000	120
14 Endrin	9.455	9.468	-0.013	402276067	120.000	120
15 4,4'-DDD	9.566	9.578	-0.012	409419300	120.000	120
16 Endosulfan II	9.680	9.693	-0.013	425257744	120.000	120
17 4,4'-DDT	9.957	9.969	-0.012	366254992	120.000	130
18 Endrin aldehyde	10.047	10.059	-0.012	356517443	120.000	120
20 Endosulfan sulfate	10.248	10.260	-0.012	359793036	120.000	110
19 Methoxychlor	10.908	10.920	-0.012	1031723844	600.000	670
21 Endrin ketone	11.122	11.137	-0.015	445099209	120.000	120
$ 22 Decachlorobiphenyl	12.587	12.599	-0.012	186364190	60.0000	60

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a027.d
Date : 29-JUL-2006 17:21
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: hjl
Column diameter: 0.32



001437

189409

Report Date : 16-Aug-2006 09:35

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 18:17
End Cal Date : 21-JUL-2006 01:18
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17b.i/2060723.b/pestXLB.m
Cal Date : 25-Jul-2006 12:29 tls
Curve Type : Average

Calibration File Names:
Level 1: /var/chem/gcsv17b.i/2060720.b/sv17b018.d
Level 2: /var/chem/gcsv17b.i/2060720.b/sv17b019.d
Level 3: /var/chem/gcsv17b.i/2060720.b/sv17b020.d
Level 4: /var/chem/gcsv17b.i/2060720.b/sv17b021.d
Level 5: /var/chem/gcsv17b.i/2060720.b/sv17b022.d
Level 6: /var/chem/gcsv17b.i/2060720.b/sv17b017.d

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
	2 alpha-BHC	5700430	6031405	5806951	5845798	5762483	5877034	5837350	1.947
	3 gamma-BHC (Lindane)	5185700	5273195	5039877	5069282	4992082	+++++	5112027	2.248
	4 Heptachlor	4279138	4503538	4235205	4259168	4214673	+++++	4298344	2.728
	5 Aldrin	4880604	5073438	4798201	4793608	4713025	+++++	4851775	2.831
	6 beta-BHC	2615883	2518063	2404144	2420674	2381666	+++++	2468086	3.957
	7 delta-BHC	5231547	5226889	5033608	5037819	4914854	+++++	5088944	2.697
	8 Heptachlor epoxide	4537513	4420506	4142108	4137644	4067767	+++++	4261108	4.818
	9 Endosulfan I	4002035	4154787	3925989	3925084	3885474	+++++	3978674	2.692
	10 gamma-Chlordane	4307358	4398007	4266606	4263556	4199867	+++++	4287079	1.702
	11 alpha-Chlordane	4145608	4240799	4080489	4091355	4006029	+++++	4112856	2.118
	12 4,4'-DDE	4734953	4533341	4242163	4243226	4168000	+++++	4384336	5.494
	13 Dieldrin	4761226	4597285	4311089	4319177	4262560	+++++	4450268	4.899
	14 Endrin	3701620	3491845	3277863	3266441	3288740	+++++	3405302	5.580
	15 4,4'-DDD	3869689	3699198	3507137	3527943	3481541	+++++	3617102	4.563
	16 Endosulfan II	3982635	3801659	3604632	3623033	3579802	+++++	3718352	4.619
	17 4,4'-DDT	3157970	3238054	3245644	3324667	3313324	+++++	3255932	2.063
	18 Endrin aldehyde	3362741	3194250	3009544	3037285	2961401	+++++	3113044	5.288
	19 Methoxychlor	1680412	1628212	1642199	1683749	1692225	+++++	1665359	1.699
	20 Endosulfan sulfate	3533658	3377481	3215383	3239085	3193894	+++++	3311900	4.324
	21 Endrin ketone	4379558	4143067	3956646	3997457	3939814	+++++	4083308	4.505
M	23 AR 1016-AVG	411831	389641	369143	346167	328518	418141	377240	9.505

Report Date : 16-Aug-2006 09:35

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 18:17
End Cal Date : 21-JUL-2006 01:18
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17b.i/2060723.b/pestXLB.m
Cal Date : 25-Jul-2006 12:29 tls
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
	24 AR 1016-PEAK1	91363	85575	80915	73990	70416	86649	81485	9.818
	25 AR 1016-PEAK2	124652	116521	108616	101137	94835	132253	113002	12.570
	26 AR 1016-PEAK3	94693	89451	84300	79900	76215	96503	86844	9.346
	27 AR 1016-PEAK4	101123	98095	95312	91140	87053	102736	95910	6.258
M	28 AR 1260-AVG	996699	984968	963781	939376	915110	1022904	970473	4.050
	29 AR 1260-PEAK1	105735	105952	103798	100759	96898	104073	102869	3.371
	30 AR 1260-PEAK2	217127	206920	198591	190698	183344	228731	204235	8.266
	31 AR 1260-PEAK3	240058	245975	240133	230791	225268	251788	239002	4.059
	32 AR 1260-PEAK4	433779	426121	421259	417129	409599	438311	424366	2.508
M	33 AR 1260-AVGII	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	34 AR 1260-PEAK5	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	35 AR 1260-PEAK6	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	36 AR 1260-PEAK7	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	37 AR 1221-AVG	+++++	+++++	108840	+++++	+++++	+++++	108840	0.000
	38 AR 1221-PEAK1	+++++	+++++	12964	+++++	+++++	+++++	12964	0.000
	39 AR 1221-PEAK2	+++++	+++++	18529	+++++	+++++	+++++	18529	0.000
	40 AR 1221-PEAK3	+++++	+++++	46750	+++++	+++++	+++++	46750	0.000
	41 AR 1221-PEAK4	+++++	+++++	30597	+++++	+++++	+++++	30597	0.000
M	42 AR 1232-AVG	+++++	+++++	225429	+++++	+++++	+++++	225429	0.000
	43 AR 1232-PEAK1	+++++	+++++	98877	+++++	+++++	+++++	98877	0.000
	44 AR 1232-PEAK2	+++++	+++++	46726	+++++	+++++	+++++	46726	0.000
	45 AR 1232-PEAK3	+++++	+++++	38147	+++++	+++++	+++++	38147	0.000
	46 AR 1232-PEAK4	+++++	+++++	41678	+++++	+++++	+++++	41678	0.000
M	47 AR 1242-AVG	+++++	+++++	311233	+++++	+++++	+++++	311233	0.000
	48 AR 1242-PEAK1	+++++	+++++	62078	+++++	+++++	+++++	62078	0.000
	49 AR 1242-PEAK2	+++++	+++++	86270	+++++	+++++	+++++	86270	0.000
	50 AR 1242-PEAK3	+++++	+++++	76910	+++++	+++++	+++++	76910	0.000
	51 AR 1242-PEAK4	+++++	+++++	85974	+++++	+++++	+++++	85974	0.000
M	52 AR 1248-AVG	+++++	+++++	512031	+++++	+++++	+++++	512031	0.000

Report Date : 16-Aug-2006 09:35

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 18:17
End Cal Date : 21-JUL-2006 01:18
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17b.i/2060723.b/pestXLB.m
Cal Date : 25-Jul-2006 12:29 tls
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	RRF	% RSD
	53 AR 1248-PEAK1	+++++	+++++	122216	+++++	+++++	+++++	122216	0.000
	54 AR 1248-PEAK2	+++++	+++++	133276	+++++	+++++	+++++	133276	0.000
	55 AR 1248-PEAK3	+++++	+++++	153926	+++++	+++++	+++++	153926	0.000
	56 AR 1248-PEAK4	+++++	+++++	102612	+++++	+++++	+++++	102612	0.000
M	57 AR 1254-AVG	+++++	+++++	488838	+++++	+++++	+++++	488838	0.000
	58 AR 1254-PEAK1	+++++	+++++	70476	+++++	+++++	+++++	70476	0.000
	59 AR 1254-PEAK2	+++++	+++++	59941	+++++	+++++	+++++	59941	0.000
	60 AR 1254-PEAK3	+++++	+++++	123896	+++++	+++++	+++++	123896	0.000
	61 AR 1254-PEAK4	+++++	+++++	234525	+++++	+++++	+++++	234525	0.000
M	62 TOXAPHENE-AVG	+++++	+++++	+++++	+++++	490134	+++++	490134	0.000
	63 TOXAPHENE-PEAK1	+++++	+++++	+++++	+++++	90171	+++++	90171	0.000
	64 TOXAPHENE-PEAK2	+++++	+++++	+++++	+++++	127373	+++++	127373	0.000
	65 TOXAPHENE-PEAK3	+++++	+++++	+++++	+++++	132913	+++++	132913	0.000
	66 TOXAPHENE-PEAK4	+++++	+++++	+++++	+++++	139676	+++++	139676	0.000
	67 TOXAPHENE-PEAK5	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	68 CHLORDANE-AVG	+++++	+++++	+++++	+++++	1379285	+++++	1379285	0.000
	69 CHLORDANE-PEAK1	+++++	+++++	+++++	+++++	180476	+++++	180476	0.000
	70 CHLORDANE-PEAK2	+++++	+++++	+++++	+++++	218079	+++++	218079	0.000
	71 CHLORDANE-PEAK3	+++++	+++++	+++++	+++++	573075	+++++	573075	0.000
	72 CHLORDANE-PEAK4	+++++	+++++	+++++	+++++	407655	+++++	407655	0.000
	73 CHLORDANE-PEAK5	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	74 AR 1268-AVG	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	75 AR 1268-PEAK1	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	76 AR 1268-PEAK2	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	77 AR 1268-PEAK3	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	78 AR 1268 PEAK4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	79 AR 1262-AVG	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	80 AR 1262-PEAK1	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	81 AR 1262-PEAK2	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Report Date : 16-Aug-2006 09:35

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 18:17
End Cal Date : 21-JUL-2006 01:18
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17b.i/2060723.b/pestXLB.m
Cal Date : 25-Jul-2006 12:29 tls
Curve Type : Average

Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
82 AR 1262-PEAK3	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
83 AR 1262-PEAK4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
84 Diallate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
85 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
86 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 1 Tetrachloro-m-xylene	4421789	4533978	4237647	4276207	4196147	+++++	4333154	3.250
$ 22 Decachlorobiphenyl	3611907	3404808	3178215	3197939	3163728	+++++	3311319	5.876

Report Date : 16-Aug-2006 09:35

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date	: 20-JUL-2006 18:17
End Cal Date	: 21-JUL-2006 01:18
Quant Method	: ESTD
Origin	: Disabled
Target Version	: 3.50
Integrator	: Falcon
Method file	: /var/chem/gcsv17b.i/2060723.b/pestXLB.m
Cal Date	: 25-Jul-2006 12:29 tls
Curve Type	: Average

```
|Average %RSD Results.                                |
|=====================================================|
|Calculated Average %RSD =    4.67644                 |
|Maximun Average %RSD    =   20.00000                 |
|* Passed Average %RSD Test.                          |
|_____________________________________________________|
```

001442

189414

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{4813211 + 1679963}{4813211 + 1679963 + 247001932} \times 100 = 2.6\ \%$$

DDT Breakdown: Criteria

< 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{6024254 + 8285003}{6024254 + 8285003 + 269801779} \times 100 = 5.0\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b001.d
Report Date: 21-Jul-2006 11:24

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b001.d
Lab Smp Id: deg
Inj Date : 20-JUL-2006 17:56
Operator : tls Inst ID: gcsv17b.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:22 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

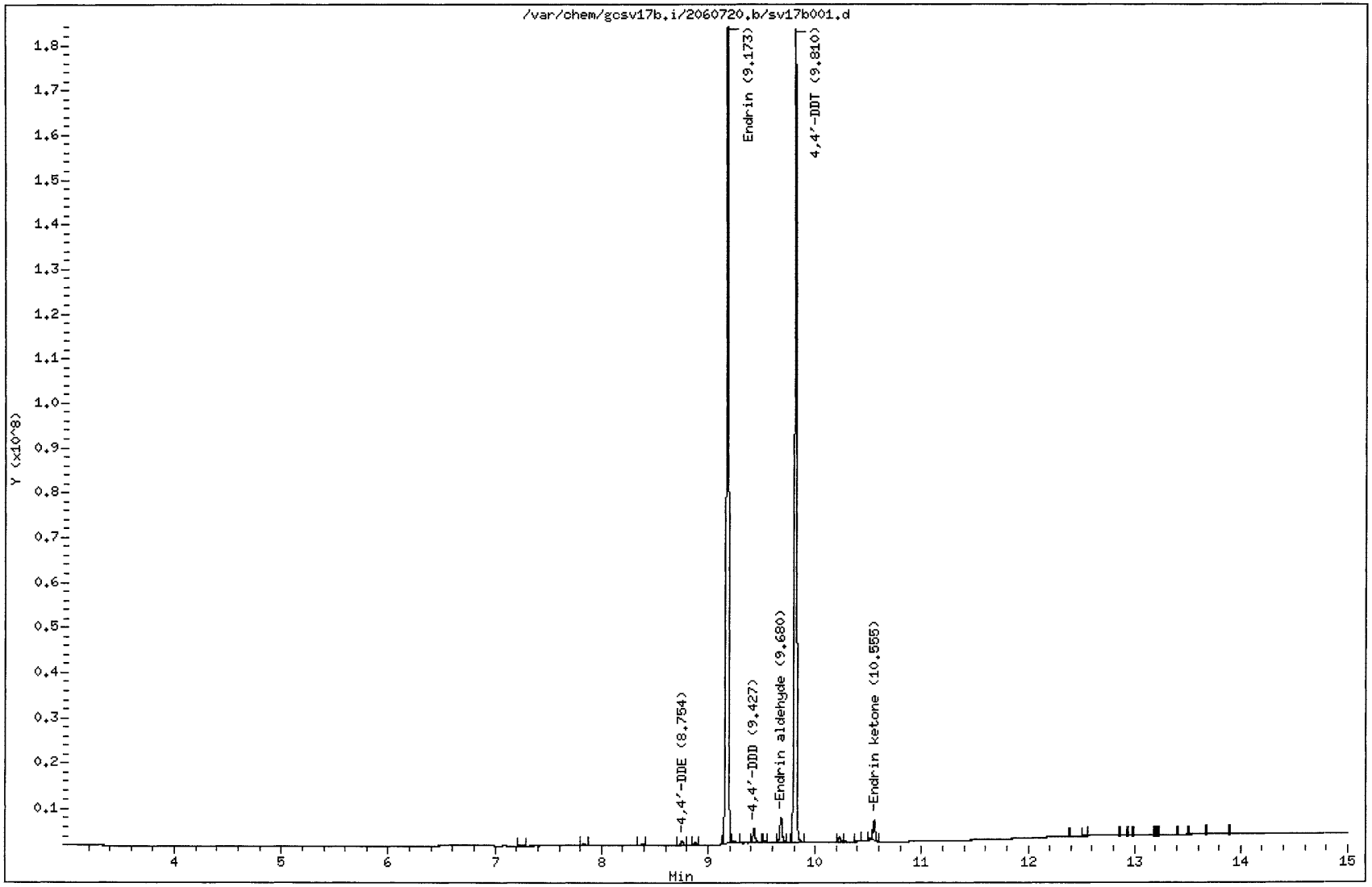
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
12 4,4'-DDE	8.754	8.753	0.001	1679963	0.38317	0.0038
15 4,4'-DDD	9.427	9.427	0.000	4813211	1.33068	0.013
17 4,4'-DDT	9.810	9.810	0.000	247001932	75.8621	0.76
18 Endrin aldehyde	9.680	9.679	0.001	8285003	2.66138	0.027
21 Endrin ketone	10.555	10.556	-0.001	6024254	1.47534	0.015
14 Endrin	9.173	9.172	0.001	269801779	79.2299	0.79

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b001.d
Date : 20-JUL-2006 17:56
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001445



189417

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b002.d
Report Date: 21-Jul-2006 11:08

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b002.d
Lab Smp Id: 1206
Inj Date : 20-JUL-2006 18:17
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1206*1 2.5
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:08 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 18:17 Cal File: sv17b002.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

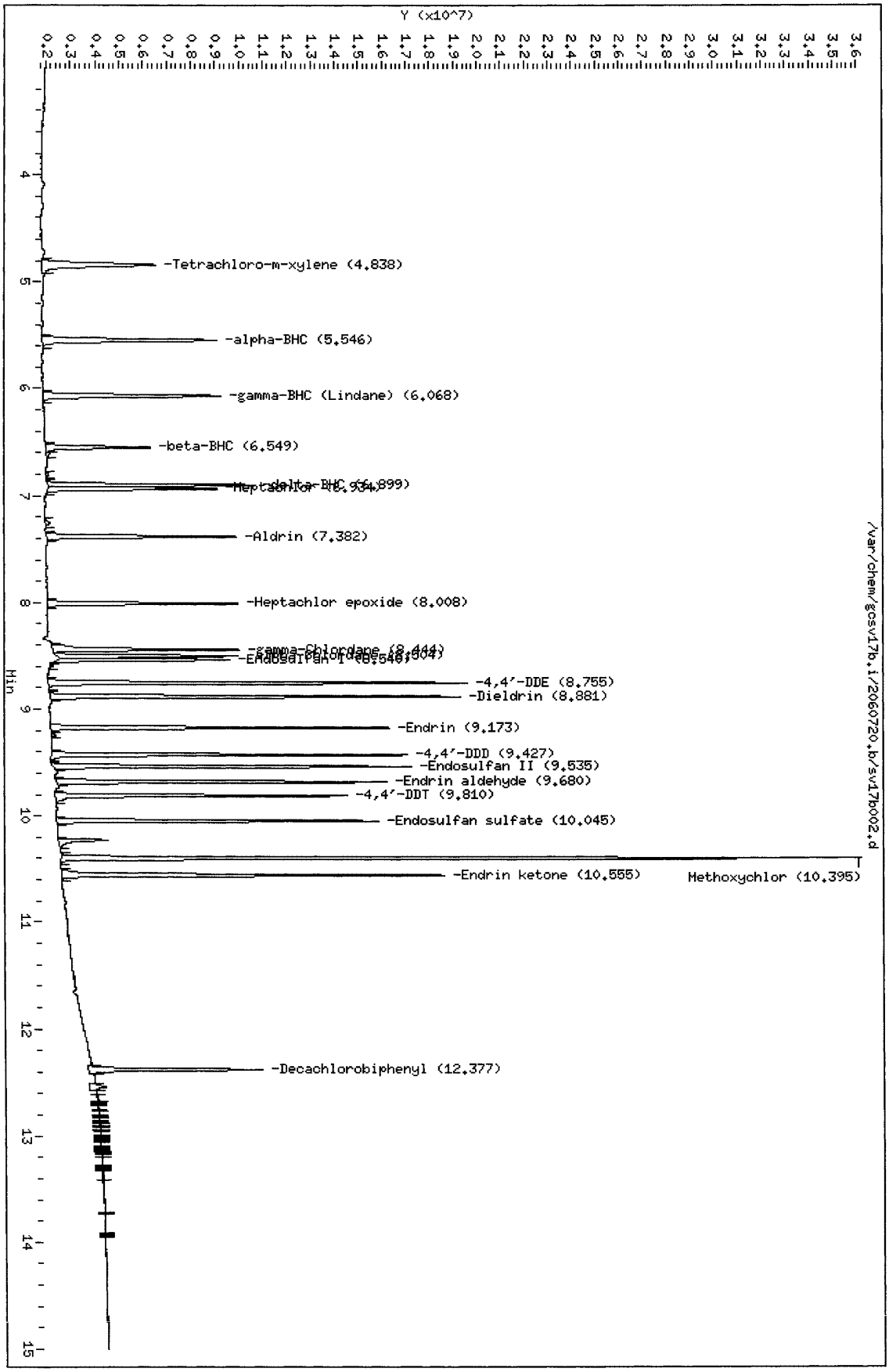
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
2 alpha-BHC	5.546	5.548	-0.002	14692584	2.50000	2.5
6 beta-BHC	6.549	6.549	0.000	7301787	2.50000	
7 delta-BHC	6.899	6.899	0.000	13300888	2.50000	
5 Aldrin	7.382	7.381	0.001	12615264	2.50000	
8 Heptachlor epoxide	8.008	8.009	-0.001	12057731	2.50000	
10 gamma-Chlordane	8.444	8.442	0.002	12150865	2.50000	
11 alpha-Chlordane	8.504	8.502	0.002	10729300	2.50000	
12 4,4'-DDE	8.755	8.752	0.003	24962316	5.00000	
16 Endosulfan II	9.535	9.538	-0.003	21161076	5.00000	
18 Endrin aldehyde	9.680	9.680	0.000	19580007	5.00000	
20 Endosulfan sulfate	10.045	10.048	-0.003	18610297	5.00000	
21 Endrin ketone	10.555	10.558	-0.003	23471672	5.00000	

Data File: /var/chem/gcsv17b.i/20060720.b/sv17b002.d
Date : 20-JUL-2006 18:17
Client ID:
Sample Info: 1206ml 2.5
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001447

189419

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b003.d
Report Date: 21-Jul-2006 11:12

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b003.d
Lab Smp Id: 1201
Inj Date : 20-JUL-2006 18:38
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1201*1 5
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:12 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 23:54 Cal File: sv17b018.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.838	4.839	-0.001	22108945	5.00000	5.1(M)
2 alpha-BHC	5.546	5.547	-0.001	28502150	5.00000	4.9
3 gamma-BHC (Lindane)	6.068	6.069	-0.001	25928500	5.00000	5.1(M)
6 beta-BHC	6.549	6.549	0.000	13079416	5.00000	5.3(M)
7 delta-BHC	6.899	6.899	0.000	26157737	5.00000	5.1
4 Heptachlor	6.934	6.933	0.001	21395691	5.00000	5.0
5 Aldrin	7.382	7.381	0.001	24403019	5.00000	5.0
8 Heptachlor epoxide	8.008	8.009	-0.001	22687563	5.00000	5.3
10 gamma-Chlordane	8.444	8.443	0.001	21536792	5.00000	5.0
11 alpha-Chlordane	8.503	8.502	0.001	20728040	5.00000	5.0
9 Endosulfan I	8.539	8.540	-0.001	20010173	5.00000	5.0
12 4,4'-DDE	8.755	8.753	0.002	47349526	10.0000	11
13 Dieldrin	8.881	8.881	0.000	47612258	10.0000	11

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b003.d
Report Date: 21-Jul-2006 11:12

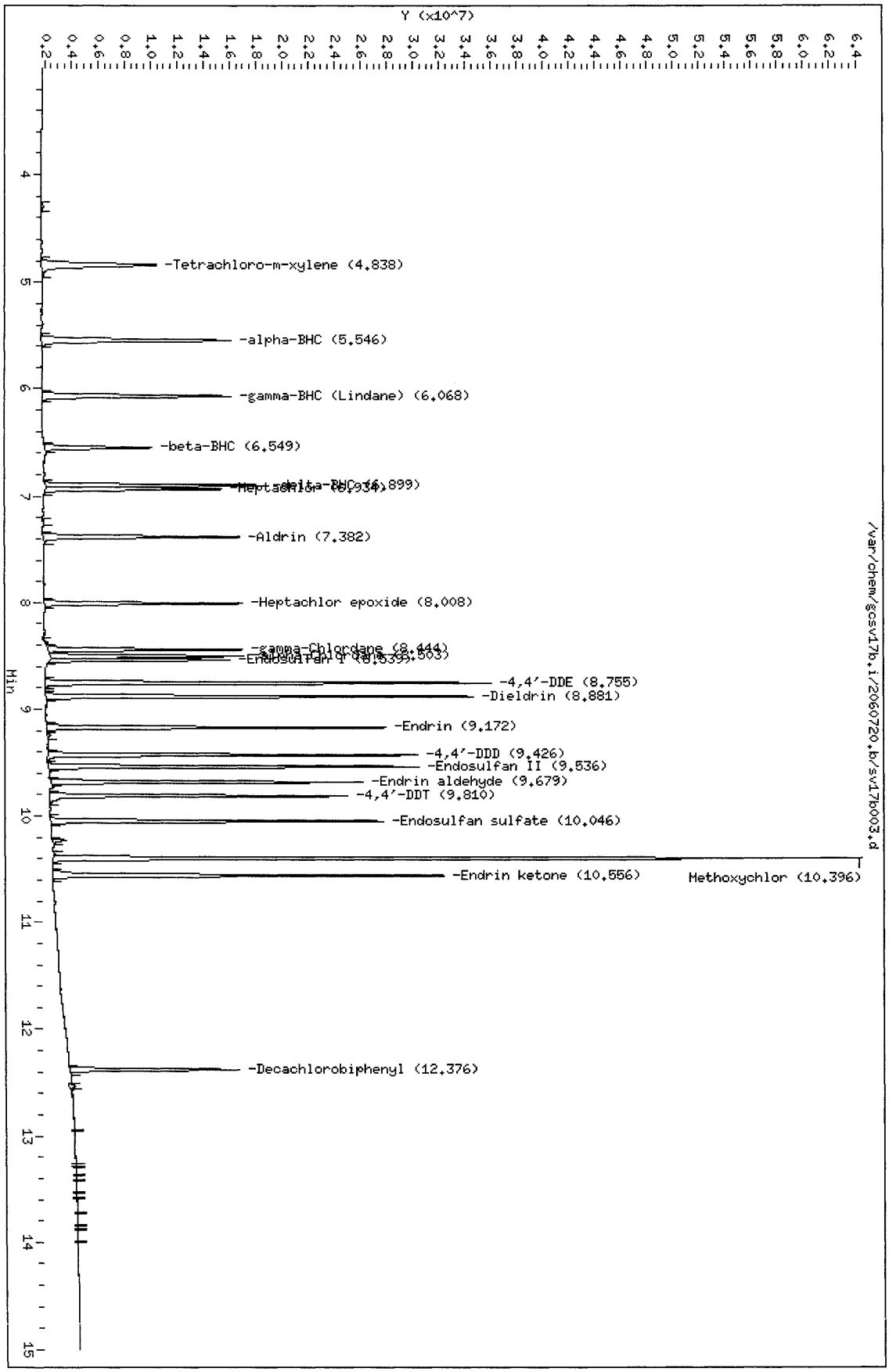
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.172	9.172	0.000	37016202	10.0000	11
15 4,4'-DDD	9.426	9.428	-0.002	38696892	10.0000	11
16 Endosulfan II	9.536	9.537	-0.001	39826347	10.0000	11
18 Endrin aldehyde	9.679	9.680	-0.001	33627414	10.0000	11
17 4,4'-DDT	9.810	9.810	0.000	31579700	10.0000	9.7
20 Endosulfan sulfate	10.046	10.047	-0.001	35336584	10.0000	11
19 Methoxychlor	10.396	10.397	-0.001	84020608	50.0000	50
21 Endrin ketone	10.556	10.556	0.000	43795580	10.0000	11
$ 22 Decachlorobiphenyl	12.376	12.378	-0.002	18059537	5.00000	5.5(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: /var/chem/gcsv17b.i/20060720.b/sv17b003.d
Date : 20-JUL-2006 18:38
Client ID:
Sample Info: 1201*1 5
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001450

189422

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b004.d
Report Date: 21-Jul-2006 11:14

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b004.d
Lab Smp Id: 1202
Inj Date : 20-JUL-2006 18:59
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1202*1 20
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:13 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:15 Cal File: sv17b019.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

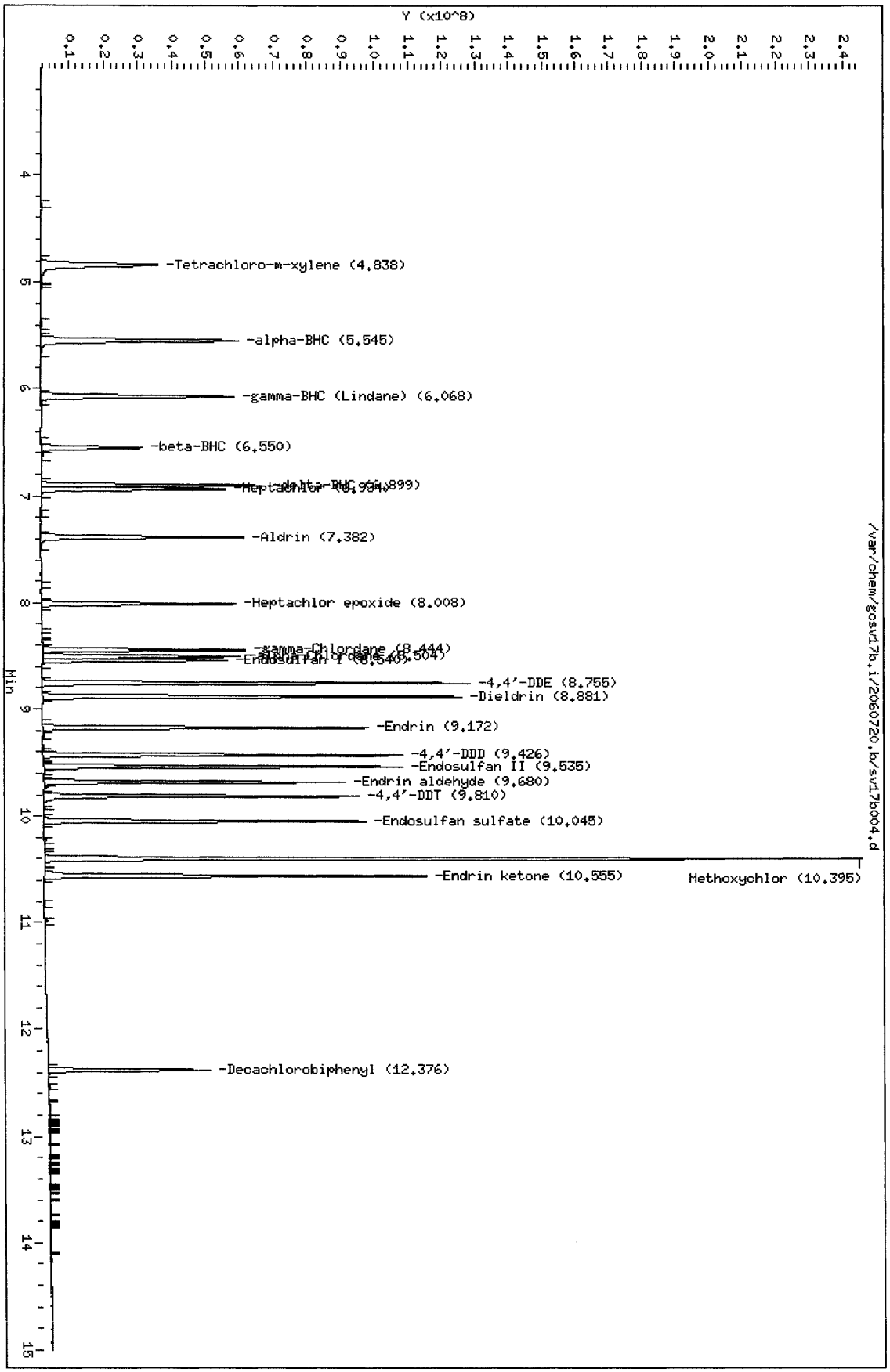
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.838	4.839	-0.001	90679559	20.0000	21
2 alpha-BHC	5.545	5.547	-0.002	120628103	20.0000	21
3 gamma-BHC (Lindane)	6.068	6.069	-0.001	105463908	20.0000	21
6 beta-BHC	6.550	6.549	0.001	50361256	20.0000	20
7 delta-BHC	6.899	6.899	0.000	104537788	20.0000	21
4 Heptachlor	6.934	6.933	0.001	90070754	20.0000	21
5 Aldrin	7.382	7.381	0.001	101468755	20.0000	21
8 Heptachlor epoxide	8.008	8.009	-0.001	88410114	20.0000	21
10 gamma-Chlordane	8.444	8.443	0.001	87960142	20.0000	21
11 alpha-Chlordane	8.504	8.502	0.002	84815988	20.0000	21
9 Endosulfan I	8.540	8.540	0.000	83095742	20.0000	21
12 4,4'-DDE	8.755	8.753	0.002	181333629	40.0000	41
13 Dieldrin	8.881	8.881	0.000	183891401	40.0000	41

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b004.d
Report Date: 21-Jul-2006 11:14

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.172	9.172	0.000	139673814	40.0000	41
15 4,4'-DDD	9.426	9.428	-0.002	147967922	40.0000	41
16 Endosulfan II	9.535	9.537	-0.002	152066344	40.0000	41
18 Endrin aldehyde	9.680	9.680	0.000	127769980	40.0000	41
17 4,4'-DDT	9.810	9.810	0.000	129522143	40.0000	40
20 Endosulfan sulfate	10.045	10.047	-0.002	135099236	40.0000	41
19 Methoxychlor	10.395	10.397	-0.002	325642398	200.000	200
21 Endrin ketone	10.555	10.556	-0.001	165722665	40.0000	41
$ 22 Decachlorobiphenyl	12.376	12.378	-0.002	68096158	20.0000	21

Data File: /var/chem/gcsv17b.i/20060720.b/sv17b004.d
Date : 20-JUL-2006 18:59
Client ID:
Sample Info: 1202x1 20
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001453

189425

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b005.d
Report Date: 21-Jul-2006 11:14

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b005.d
Lab Smp Id: 1203
Inj Date : 20-JUL-2006 19:20
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1203*1 60
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:13 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

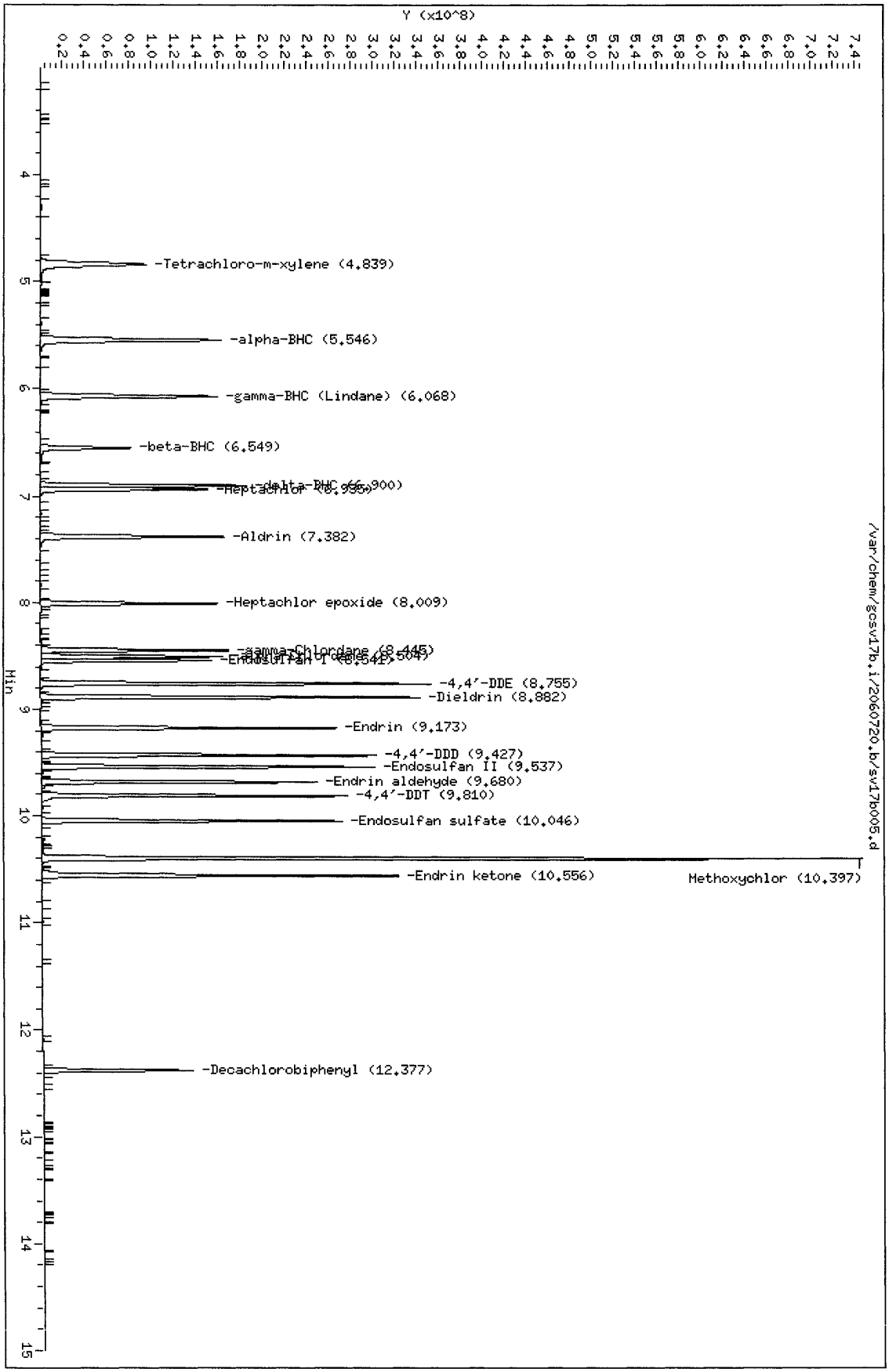
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.839	4.839	0.000	254258834	60.0000	59
2 alpha-BHC	5.546	5.547	-0.001	348417079	60.0000	60
3 gamma-BHC (Lindane)	6.068	6.069	-0.001	302392603	60.0000	59
6 beta-BHC	6.549	6.549	0.000	144248637	60.0000	58
7 delta-BHC	6.900	6.899	0.001	302016450	60.0000	59
4 Heptachlor	6.935	6.933	0.002	254112326	60.0000	59
5 Aldrin	7.382	7.381	0.001	287892065	60.0000	59
8 Heptachlor epoxide	8.009	8.009	0.000	248526506	60.0000	58
10 gamma-Chlordane	8.445	8.443	0.002	255996384	60.0000	60
11 alpha-Chlordane	8.504	8.502	0.002	244829331	60.0000	60
9 Endosulfan I	8.541	8.540	0.001	235559334	60.0000	59
12 4,4'-DDE	8.755	8.753	0.002	509059555	120.000	120
13 Dieldrin	8.882	8.881	0.001	517330722	120.000	120

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b005.d
Report Date: 21-Jul-2006 11:14

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.173	9.172	0.001	393343541	120.000	120
15 4,4'-DDD	9.427	9.428	-0.001	420856384	120.000	120
16 Endosulfan II	9.537	9.537	0.000	432555839	120.000	120
18 Endrin aldehyde	9.680	9.680	0.000	361145300	120.000	120
17 4,4'-DDT	9.810	9.810	0.000	389477245	120.000	120
20 Endosulfan sulfate	10.046	10.047	-0.001	385845964	120.000	120
19 Methoxychlor	10.397	10.397	0.000	985319341	600.000	590
21 Endrin ketone	10.556	10.556	0.000	474797520	120.000	120
$ 22 Decachlorobiphenyl	12.377	12.378	-0.001	190692915	60.0000	58

Data File: /var/chem/gcsv17b.i/20060720.b/sv17b005.d
Date : 20-JUL-2006 19:20
Client ID:
Sample Info: 1203x1 60
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001456

189428

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b006.d
Report Date: 21-Jul-2006 11:16

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b006.d
Lab Smp Id: 1204
Inj Date : 20-JUL-2006 19:41
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1204*1 80
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:14 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17b021.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

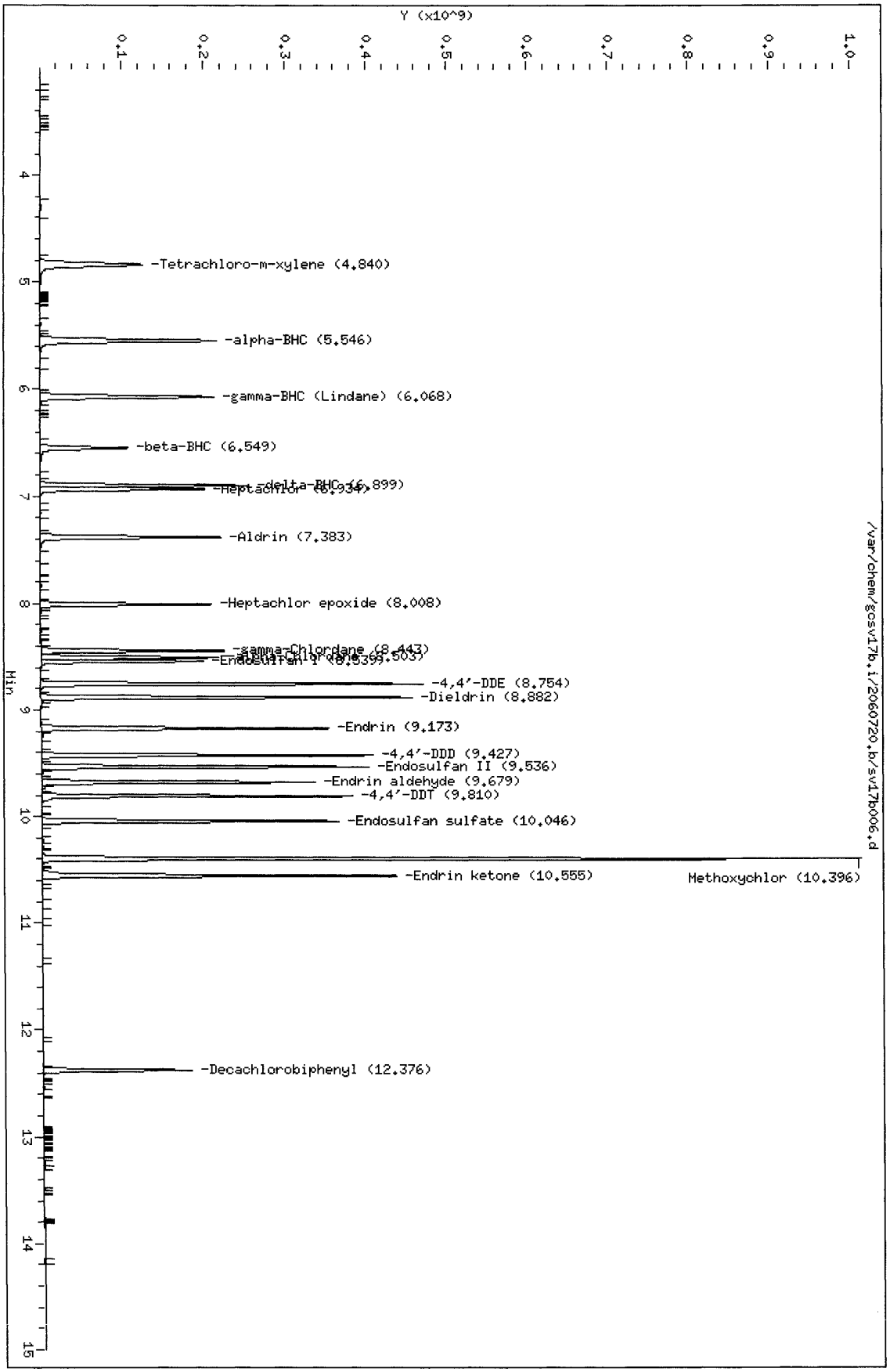
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.840	4.839	0.001	342096549	80.0000	79
2 alpha-BHC	5.546	5.547	-0.001	467663834	80.0000	80
3 gamma-BHC (Lindane)	6.068	6.069	-0.001	405542522	80.0000	79
6 beta-BHC	6.549	6.549	0.000	193653941	80.0000	78
7 delta-BHC	6.899	6.899	0.000	403025551	80.0000	79
4 Heptachlor	6.934	6.933	0.001	340733419	80.0000	79
5 Aldrin	7.383	7.381	0.002	383488609	80.0000	79
8 Heptachlor epoxide	8.008	8.009	-0.001	331011545	80.0000	78
10 gamma-Chlordane	8.443	8.443	0.000	341084519	80.0000	80
11 alpha-Chlordane	8.503	8.502	0.001	327308393	80.0000	80
9 Endosulfan I	8.539	8.540	-0.001	314006717	80.0000	79
12 4,4'-DDE	8.754	8.753	0.001	678916092	160.000	150
13 Dieldrin	8.882	8.881	0.001	691068378	160.000	160

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b006.d
Report Date: 21-Jul-2006 11:16

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.173	9.172	0.001	522630630	160.000	150
15 4,4'-DDD	9.427	9.428	-0.001	564470938	160.000	160
16 Endosulfan II	9.536	9.537	-0.001	579685265	160.000	160
18 Endrin aldehyde	9.679	9.680	-0.001	485965658	160.000	160
17 4,4'-DDT	9.810	9.810	0.000	531946671	160.000	160
20 Endosulfan sulfate	10.046	10.047	-0.001	518253658	160.000	160
19 Methoxychlor	10.396	10.397	-0.001	1346998837	800.000	810
21 Endrin ketone	10.555	10.556	-0.001	639593114	160.000	160
$ 22 Decachlorobiphenyl	12.376	12.378	-0.002	255835086	80.0000	77

Data File: /var/chem/gcsv17b.i/20060720.b/sv17b006.d
Date : 20-JUL-2006 19:41
Client ID:
Sample Info: 1204x1 80
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001459

189431

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b007.d
Report Date: 21-Jul-2006 11:16

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b007.d
Lab Smp Id: 1205
Inj Date : 20-JUL-2006 20:02
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1205*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:16 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 01:18 Cal File: sv17b022.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.838	4.839	-0.001	419614732	100.000	97
2 alpha-BHC	5.545	5.547	-0.002	576248262	100.000	99
3 gamma-BHC (Lindane)	6.068	6.069	-0.001	499208212	100.000	98
6 beta-BHC	6.548	6.549	-0.001	238166553	100.000	96
7 delta-BHC	6.899	6.899	0.000	491485388	100.000	97
4 Heptachlor	6.933	6.933	0.000	421467262	100.000	98
5 Aldrin	7.382	7.382	0.000	471302548	100.000	97
8 Heptachlor epoxide	8.008	8.009	-0.001	406776704	100.000	95
10 gamma-Chlordane	8.443	8.443	0.000	419986730	100.000	98
11 alpha-Chlordane	8.503	8.502	0.001	400602879	100.000	97
9 Endosulfan I	8.539	8.540	-0.001	388547381	100.000	98
12 4,4'-DDE	8.754	8.753	0.001	833599905	200.000	190
13 Dieldrin	8.881	8.881	0.000	852512005	200.000	190

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b007.d
Report Date: 21-Jul-2006 11:16

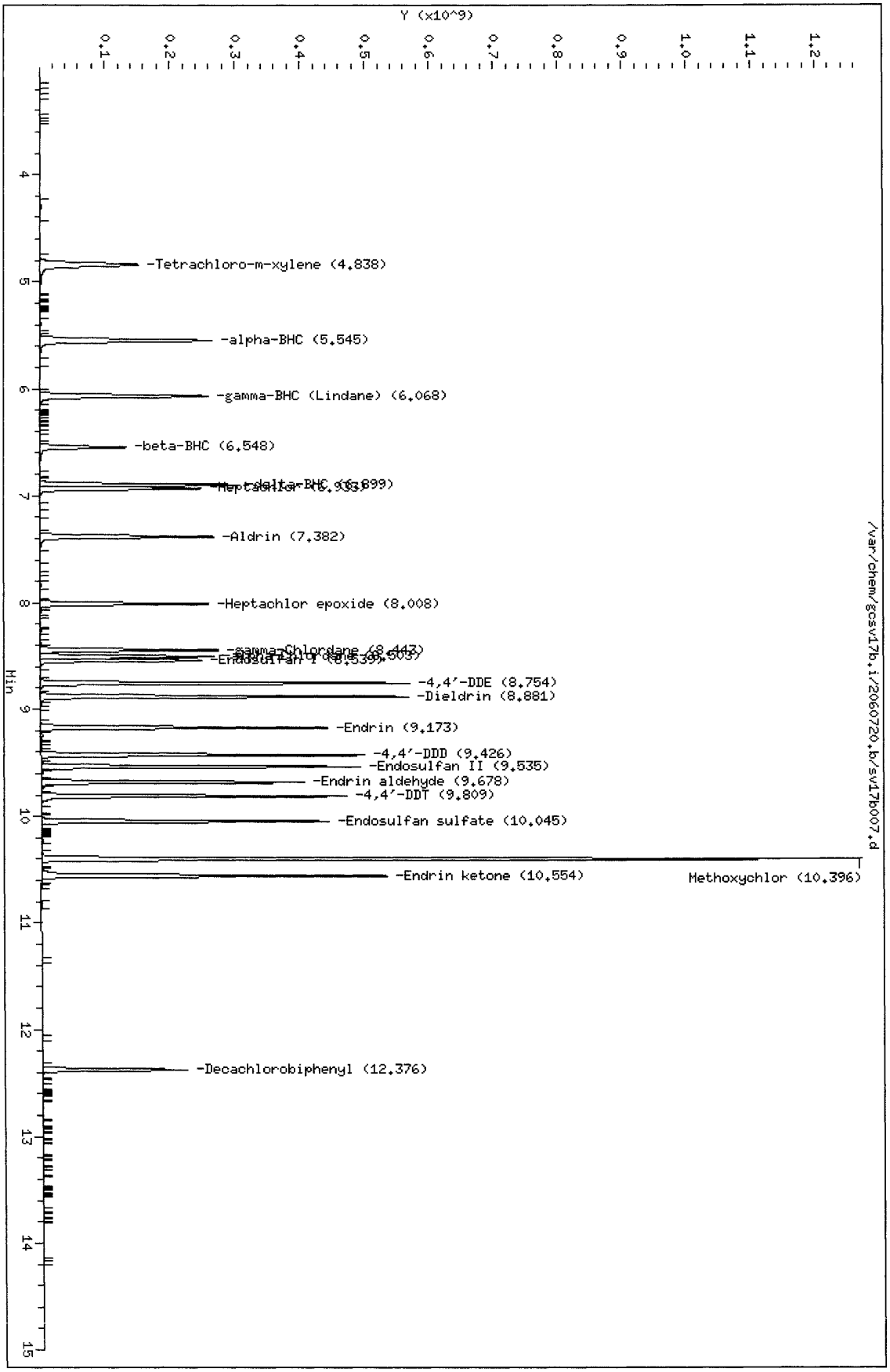
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.173	9.172	0.001	657747915	200.000	190
15 4,4'-DDD	9.426	9.428	-0.002	696308131	200.000	190
16 Endosulfan II	9.535	9.537	-0.002	715960455	200.000	190
18 Endrin aldehyde	9.678	9.680	-0.002	592280292	200.000	190
17 4,4'-DDT	9.809	9.810	-0.001	662664751	200.000	200(A)
20 Endosulfan sulfate	10.045	10.047	-0.002	638778715	200.000	190
19 Methoxychlor	10.396	10.397	-0.001	1692225321	1000.00	1000(A)
21 Endrin ketone	10.554	10.556	-0.002	787962754	200.000	190
$ 22 Decachlorobiphenyl	12.376	12.377	-0.001	316372810	100.000	96

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/gcsv17b.i/20060720.b/sv17b007.d
Date : 20-JUL-2006 20:02
Client ID:
Sample Info: 120ng1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001462

189434

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b009.d
Report Date: 21-Jul-2006 11:08

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b009.d
Lab Smp Id: 1205
Inj Date : 20-JUL-2006 20:44
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1205*1 65-14-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:08 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 20:44 Cal File: sv17b009.d
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlor.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

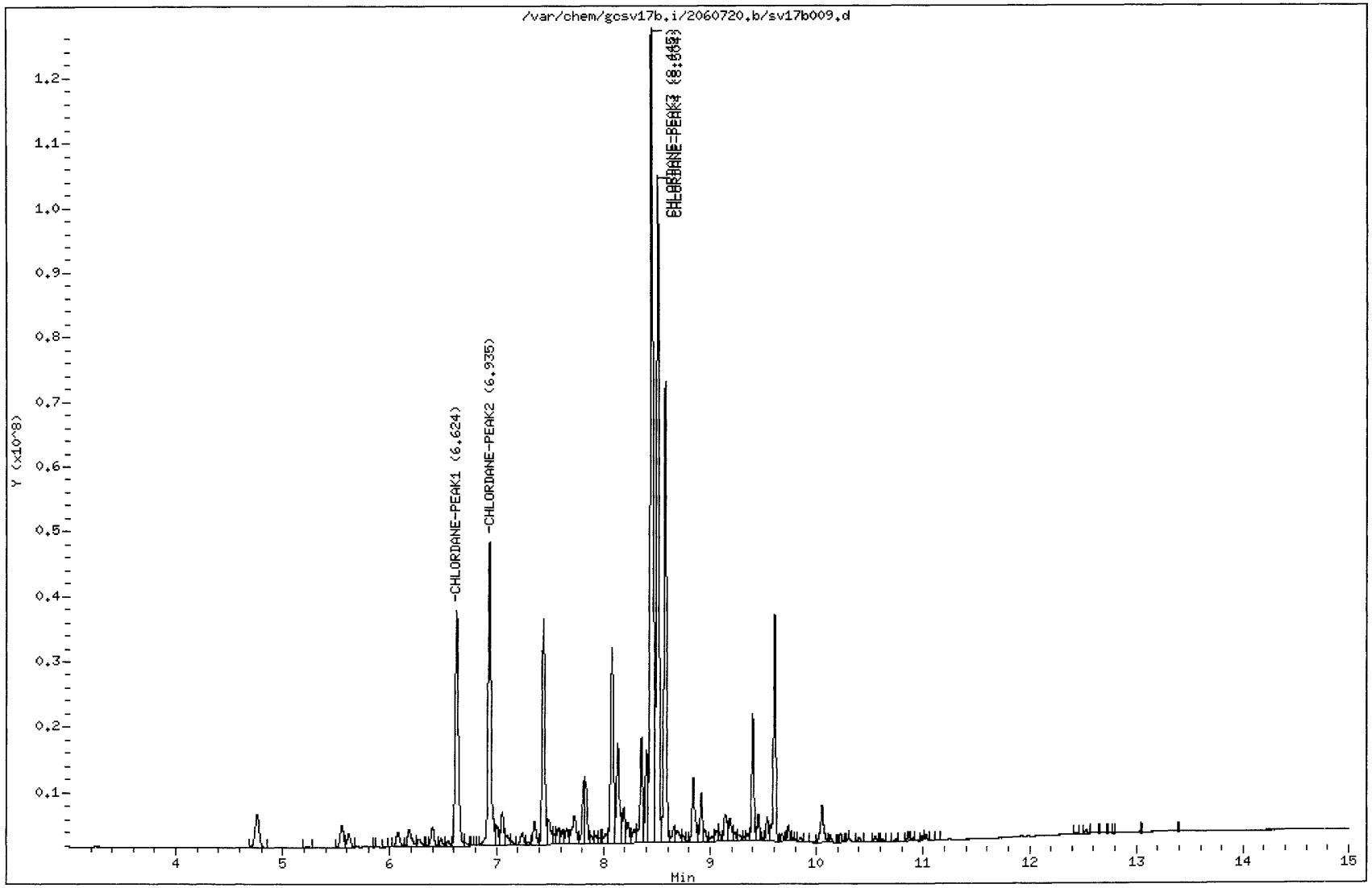
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 68 CHLORDANE-AVG				551714108	400.000	400
69 CHLORDANE-PEAK1	6.624	6.622	0.002	72190488	400.000	400
70 CHLORDANE-PEAK2	6.935	6.932	0.003	87231530	400.000	400
71 CHLORDANE-PEAK3	8.445	8.442	0.003	229230158	400.000	400
72 CHLORDANE-PEAK4	8.504	8.502	0.002	163061932	400.000	400

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b009.d
Date : 20-JUL-2006 20:44
Client ID:
Sample Info: 1205M1 65-14-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001464



189436

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b010.d
Report Date: 21-Jul-2006 11:08

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b010.d
Lab Smp Id: 1201
Inj Date : 20-JUL-2006 21:05
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1201*1 65-28-4
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:08 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 21:05 Cal File: sv17b010.d
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: tox.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)	
M 62 TOXAPHENE-AVG				93474538	250.000		(a)
63 TOXAPHENE-PEAK1	9.581	9.581	0.000	18765914	250.000		(a)
64 TOXAPHENE-PEAK2	10.161	10.161	0.000	24714847	250.000		(a)
65 TOXAPHENE-PEAK3	11.046	11.048	-0.002	26323276	250.000		(a)
66 TOXAPHENE-PEAK4	11.206	11.208	-0.002	23670501	250.000		(a)

QC Flag Legend

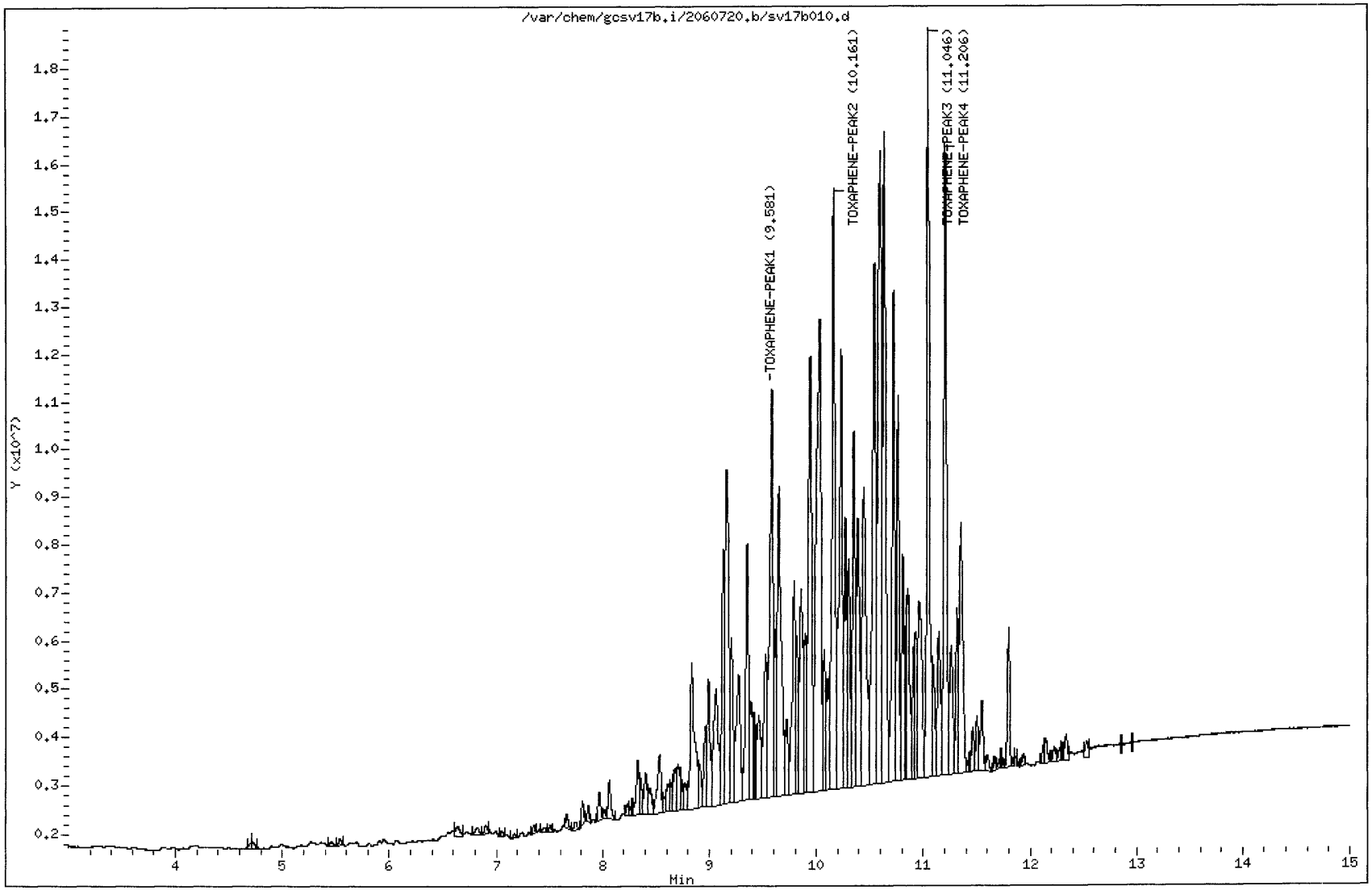
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b010.d
Date : 20-JUL-2006 21:05
Client ID:
Sample Info: 1201*1 65-28-4
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001466



189438

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b011.d
Report Date: 21-Jul-2006 11:09

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b011.d
Lab Smp Id: 1205
Inj Date : 20-JUL-2006 21:26
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1205*1 65-28-4
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:09 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 21:26 Cal File: sv17b011.d
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: tox.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

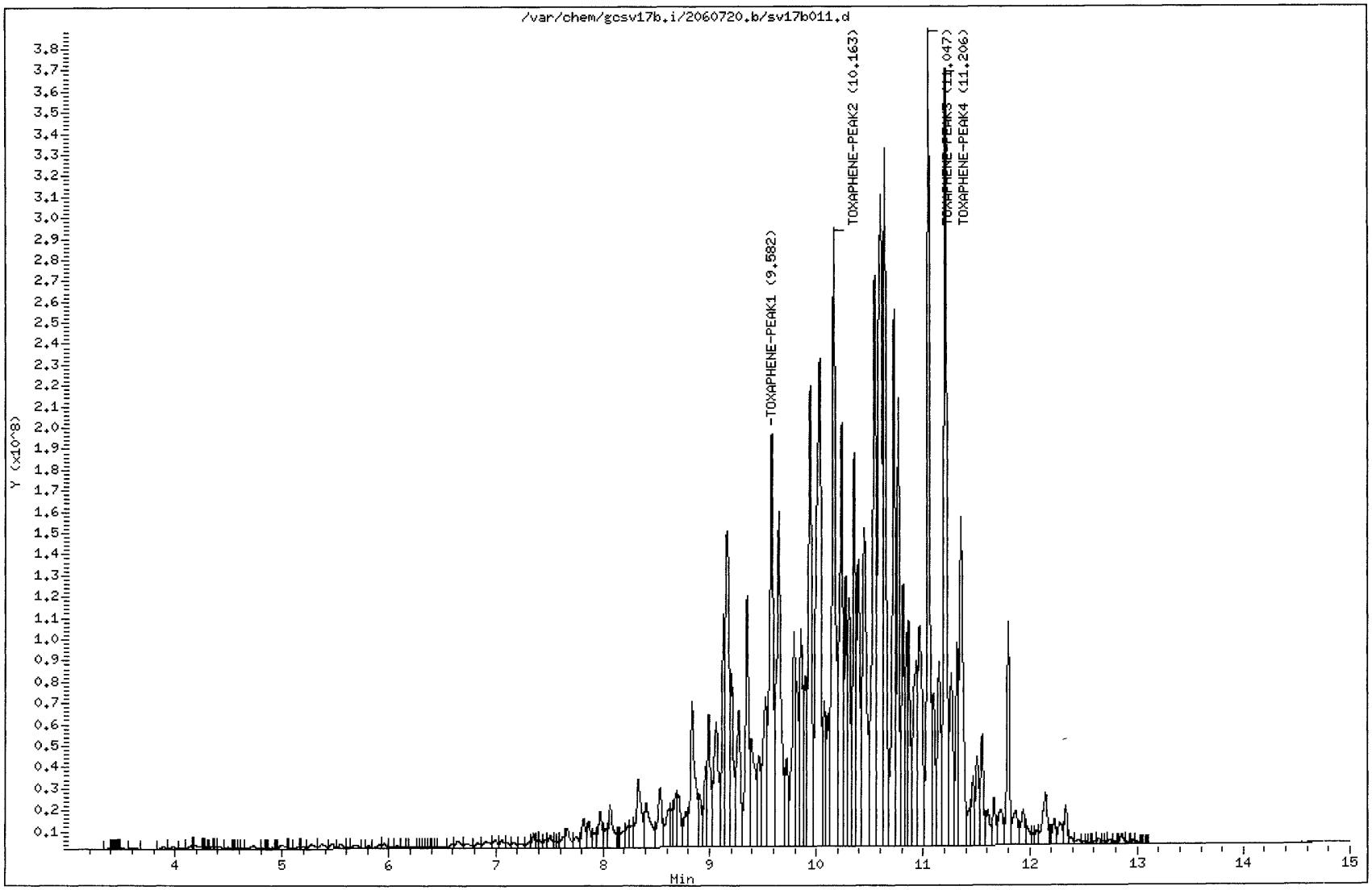
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 62 TOXAPHENE-AVG				2450667628	5000.00	5000
63 TOXAPHENE-PEAK1	9.582	9.581	0.001	450853823	5000.00	5000
64 TOXAPHENE-PEAK2	10.163	10.161	0.002	636865641	5000.00	5000
65 TOXAPHENE-PEAK3	11.047	11.048	-0.001	664566197	5000.00	5000
66 TOXAPHENE-PEAK4	11.206	11.208	-0.002	698381967	5000.00	5000

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b011.d
Date : 20-JUL-2006 21:26
Client ID:
Sample Info: 1205x1 65-28-4
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001468



189440

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b008.d
Report Date: 21-Jul-2006 11:16

GCAL, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: 1600
Level: LOW
Data Type: GC MULTI COMP
SpikeList File: 8081icv.spk
Sublist File: 8081.sub
Method File: /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Misc Info:

Client SDG: 2060720
Fraction: SV

Operator: tls
SampleType: LCS
Quant Type: ESTD

SPIKE COMPOUND	CONC ADDED UG/L	CONC RECOVERED UG/L	% RECOVERED	LIMITS
2 alpha-BHC	60	62	103.82	85-115
3 gamma-BHC (Lindane)	60	62	102.74	85-115
6 beta-BHC	60	60	99.30	85-115
4 Heptachlor	60	60	99.35	85-115
7 delta-BHC	60	61	102.42	85-115
5 Aldrin	60	61	102.33	85-115
8 Heptachlor epoxide	60	60	100.82	85-115
10 gamma-Chlordane	60	62	102.86	85-115
11 alpha-Chlordane	60	61	101.87	85-115
9 Endosulfan I	60	60	100.20	85-115
12 4,4'-DDE	60	61	101.13	85-115
13 Dieldrin	60	61	102.43	85-115
14 Endrin	60	61	102.33	85-115
15 4,4'-DDD	60	61	102.28	85-115
16 Endosulfan II	60	60	100.72	85-115
17 4,4'-DDT	60	59	98.49	85-115
18 Endrin aldehyde	60	56	93.95	85-115
20 Endosulfan sulfate	60	61	102.04	85-115
19 Methoxychlor	60	60	100.59	85-115
21 Endrin ketone	60	61	101.00	85-115

SURROGATE COMPOUND	CONC ADDED UG/L	CONC RECOVERED UG/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xylene	500	0.0	*	45-148
$ 22 Decachlorobiphenyl	500	0.0	*	34-135

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b008.d
Report Date: 21-Jul-2006 11:16

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060720.b/sv17b008.d
Lab Smp Id: 1600
Inj Date : 20-JUL-2006 20:23
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1600*1 65-21-6
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Meth Date : 21-Jul-2006 11:16 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 01:18 Cal File: sv17b022.d
Als bottle: 8 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	1.00000	Volume of final extract (mL)
Vo	1.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
2 alpha-BHC	5.545	5.547	-0.002	363626983	62.2932	62
3 gamma-BHC (Lindane)	6.068	6.069	-0.001	315112199	61.6413	62
6 beta-BHC	6.548	6.549	-0.001	147041576	59.5772	60
7 delta-BHC	6.899	6.899	0.000	312721701	61.4512	61
4 Heptachlor	6.934	6.933	0.001	256235970	59.6127	60
5 Aldrin	7.382	7.382	0.000	297886007	61.3973	61
8 Heptachlor epoxide	8.008	8.009	-0.001	257764962	60.4925	60
10 gamma-Chlordane	8.443	8.443	0.000	264592767	61.7187	62
11 alpha-Chlordane	8.503	8.503	0.000	251379170	61.1203	61
9 Endosulfan I	8.539	8.540	-0.001	239199100	60.1203	60
12 4,4'-DDE	8.754	8.753	0.001	266025368	60.6763	61
13 Dieldrin	8.881	8.881	0.000	273498849	61.4567	61
14 Endrin	9.173	9.172	0.001	209072030	61.3960	61

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b008.d
Report Date: 21-Jul-2006 11:16

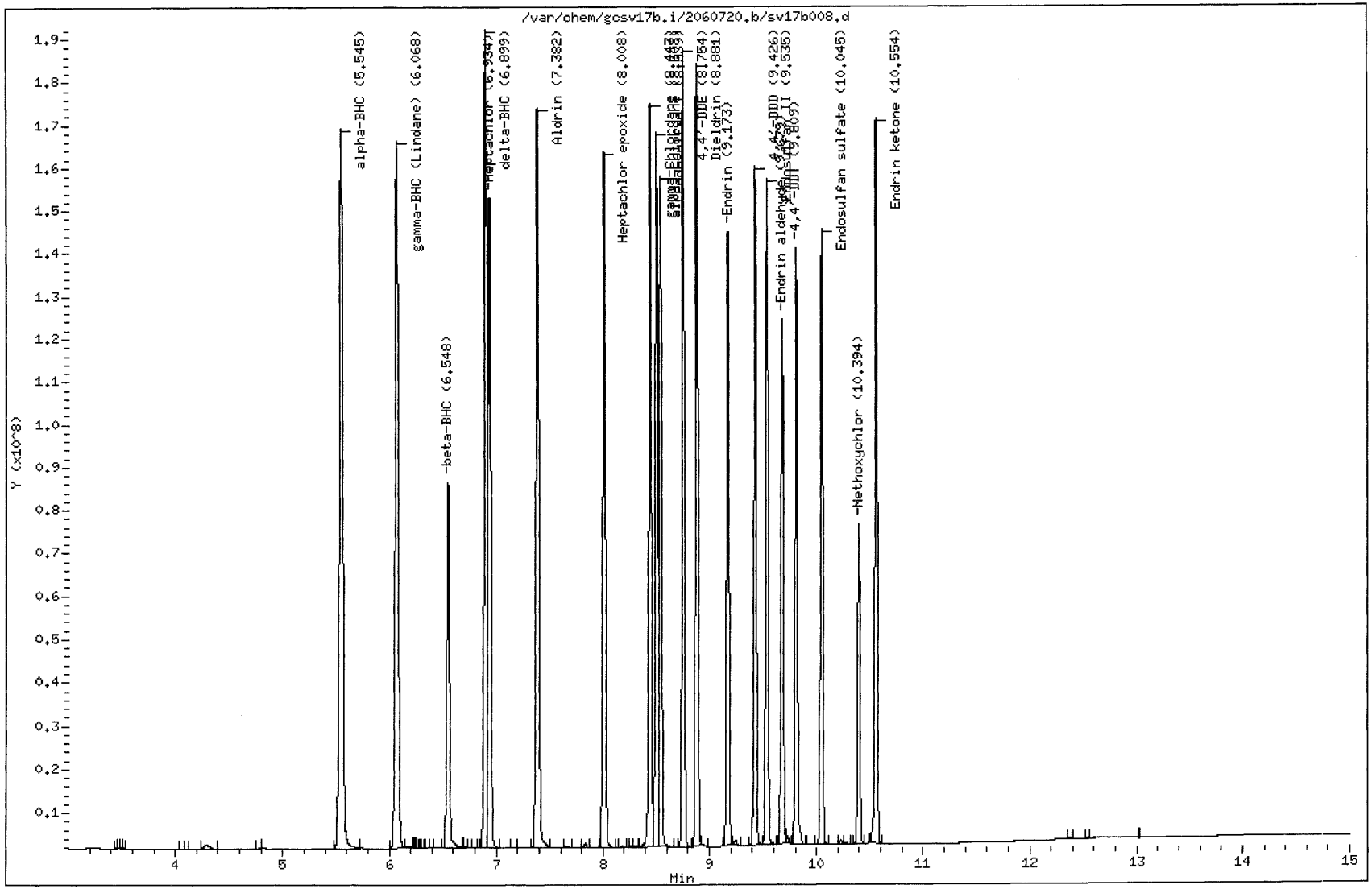
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
15 4,4'-DDD	9.426	9.428	-0.002	221982053	61.3701	61
16 Endosulfan II	9.535	9.537	-0.002	224703358	60.4309	60
18 Endrin aldehyde	9.679	9.680	-0.001	175479933	56.3692	56
17 4,4'-DDT	9.809	9.810	-0.001	192406028	59.0940	59
20 Endosulfan sulfate	10.045	10.047	-0.002	202767203	61.2238	61
19 Methoxychlor	10.394	10.397	-0.003	100510406	60.3536	60
21 Endrin ketone	10.554	10.556	-0.002	247452941	60.6011	61

Data File: /var/chem/gcsv17b.i/2060720.b/sv17b008.d
Date : 20-JUL-2006 20:23
Client ID:
Sample Info: 1600x1 65-21-6
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001472



189444

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{6642049 + 3646420}{6642049 + 3646420 + 259839394} \times 100 = 3.8\ \%$$

DDT Breakdown: Criteria

< 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{10012564 + 7780144}{10012564 + 7780144 + 294293543} \times 100 = 5.7\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b048.d
Report Date: 26-Jul-2006 10:36

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b048.d
Lab Smp Id: deg
Inj Date : 26-JUL-2006 10:29
Operator : tls Inst ID: gcsv17b.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 26-Jul-2006 09:44 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 48
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

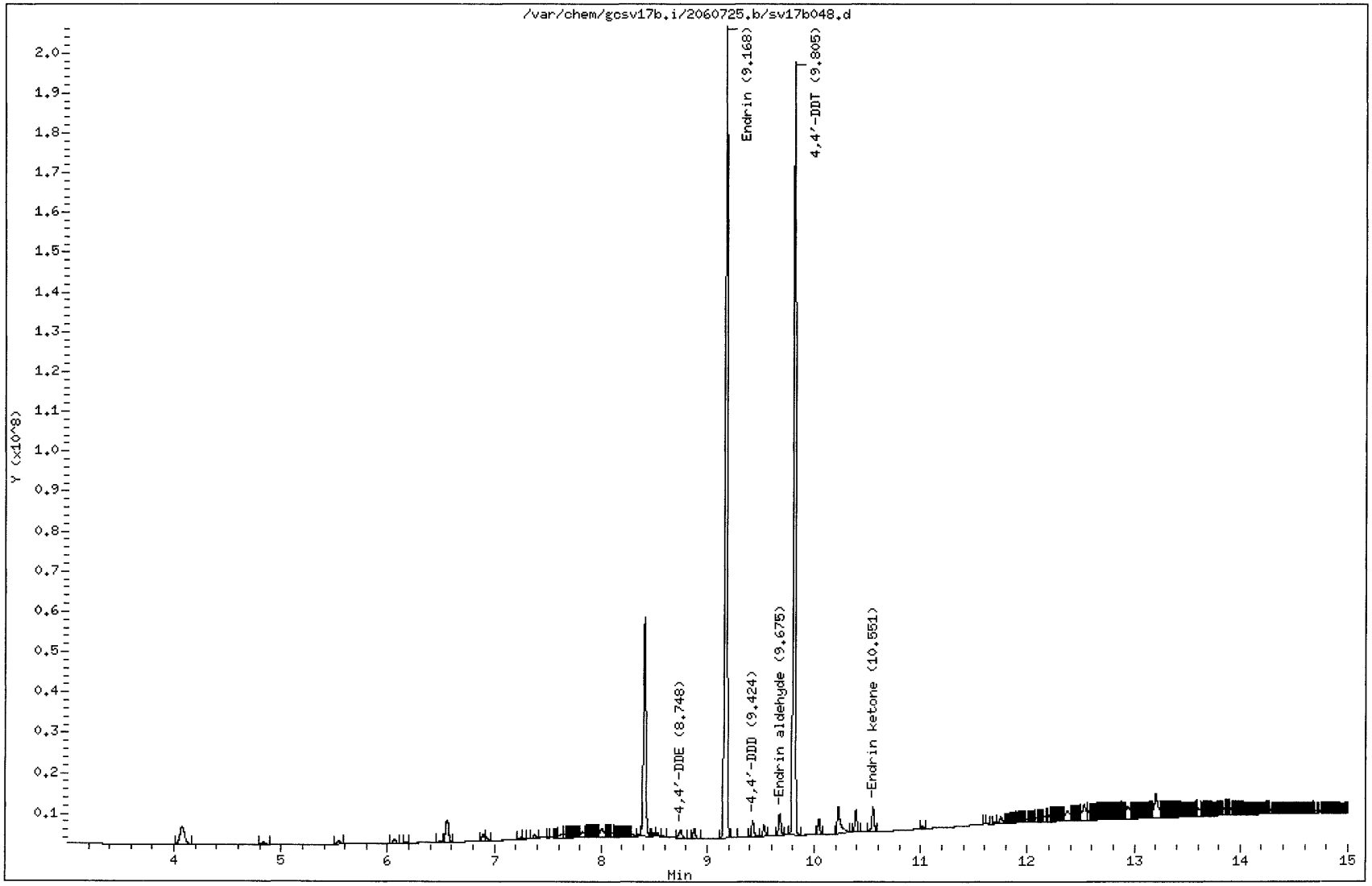
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/L)
12 4,4'-DDE	8.748	8.753	-0.005	3646420	0.83169	0.0083
15 4,4'-DDD	9.424	9.427	-0.003	6642049	1.83629	0.018
17 4,4'-DDT	9.805	9.809	-0.004	259839394	79.8049	0.80
18 Endrin aldehyde	9.675	9.679	-0.004	7780144	2.49921	0.025
21 Endrin ketone	10.551	10.556	-0.005	10012564	2.45207	0.025
14 Endrin	9.168	9.171	-0.003	294293543	86.4222	0.86

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b048.d
Date : 26-JUL-2006 10:29
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001475



189447

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b054.d
Report Date: 26-Jul-2006 13:53

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17b.i Injection Date: 26-JUL-2006 13:30
Lab File ID: sv17b054.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 18:17 01:18
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17b.i/2060725.b/pestXLB.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4333154	4010087	0.010	7.45570	15.00000	Averaged
2 alpha-BHC	5837350	5567343	0.010	4.62551	15.00000	Averaged
3 gamma-BHC (Lindane)	5112027	4845679	0.010	5.21022	15.00000	Averaged
6 beta-BHC	2468086	2241213	0.010	9.19228	15.00000	Averaged
7 delta-BHC	5088944	4800611	0.010	5.66586	15.00000	Averaged
4 Heptachlor	4298344	4303791	0.010	-0.12671	15.00000	Averaged
5 Aldrin	4851775	4459184	0.010	8.09171	15.00000	Averaged
8 Heptachlor epoxide	4261108	4032851	0.010	5.35674	15.00000	Averaged
10 gamma-Chlordane	4287079	4047475	0.010	5.58898	15.00000	Averaged
11 alpha-Chlordane	4112856	3760378	0.010	8.57016	15.00000	Averaged
9 Endosulfan I	3978674	3734179	0.010	6.14514	15.00000	Averaged
12 4,4'-DDE	4384336	4067988	0.010	7.21541	15.00000	Averaged
13 Dieldrin	4450268	4148762	0.010	6.77500	15.00000	Averaged
14 Endrin	3405302	3509654	0.010	-3.06440	15.00000	Averaged
15 4,4'-DDD	3617102	3732179	0.010	-3.18149	15.00000	Averaged
16 Endosulfan II	3718352	3514130	0.010	5.49228	15.00000	Averaged
18 Endrin aldehyde	3113044	2824683	0.010	9.26300	15.00000	Averaged
17 4,4'-DDT	3255932	2770890	0.010	14.89716	15.00000	Averaged
20 Endosulfan sulfate	3311900	3194089	0.010	3.55721	15.00000	Averaged
19 Methoxychlor	1665359	1591533	0.010	4.43307	15.00000	Averaged
21 Endrin ketone	4083308	3970361	0.010	2.76606	15.00000	Averaged
$ 22 Decachlorobiphenyl	3311319	3247652	0.010	1.92272	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 5.84531
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b054.d
Report Date: 26-Jul-2006 13:53

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b054.d
Lab Smp Id: 1400
Inj Date : 26-JUL-2006 13:30
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 26-Jul-2006 13:53 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 54 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

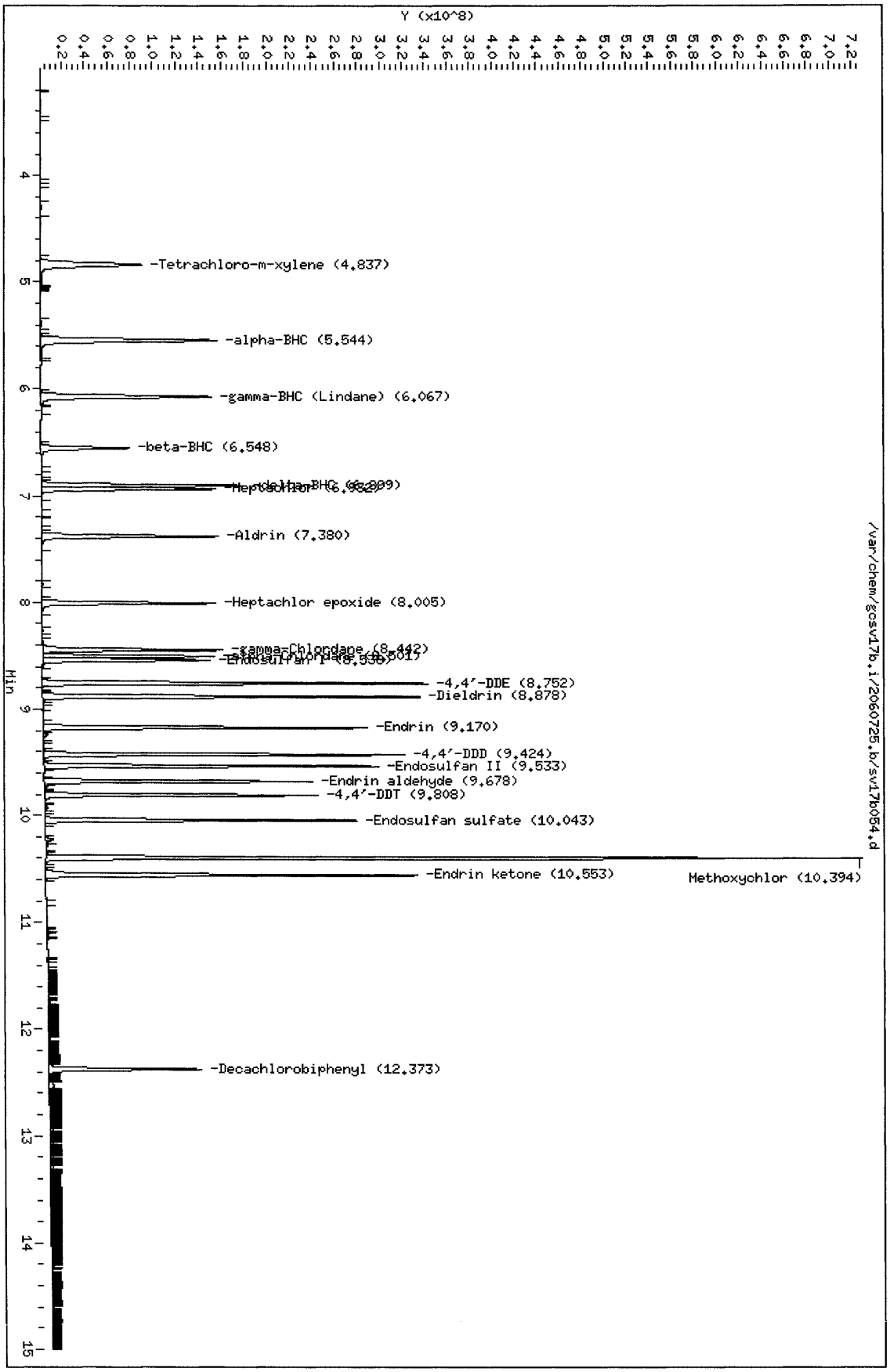
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.837	4.839	-0.002	240605194	60.0000	56
2 alpha-BHC	5.544	5.547	-0.003	334040579	60.0000	57
3 gamma-BHC (Lindane)	6.067	6.068	-0.001	290740760	60.0000	57
6 beta-BHC	6.548	6.549	-0.001	134472750	60.0000	54
7 delta-BHC	6.899	6.899	0.000	288036676	60.0000	57
4 Heptachlor	6.932	6.932	0.000	258227433	60.0000	60
5 Aldrin	7.380	7.381	-0.001	267551027	60.0000	55
8 Heptachlor epoxide	8.005	8.008	-0.003	241971067	60.0000	57
10 gamma-Chlordane	8.442	8.442	0.000	242848502	60.0000	57
11 alpha-Chlordane	8.501	8.502	-0.001	225622668	60.0000	55
9 Endosulfan I	8.538	8.539	-0.001	224050728	60.0000	56
12 4,4'-DDE	8.752	8.753	-0.001	488158603	120.000	110
13 Dieldrin	8.878	8.880	-0.002	497851401	120.000	110

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b054.d
Report Date: 26-Jul-2006 13:53

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.170	9.171	-0.001	421158468	120.000	120
15 4,4'-DDD	9.424	9.427	-0.003	447861499	120.000	120
16 Endosulfan II	9.533	9.536	-0.003	421695553	120.000	110
18 Endrin aldehyde	9.678	9.679	-0.001	338961966	120.000	110
17 4,4'-DDT	9.808	9.809	-0.001	332506829	120.000	100
20 Endosulfan sulfate	10.043	10.046	-0.003	383290695	120.000	120
19 Methoxychlor	10.394	10.397	-0.003	954919725	600.000	570
21 Endrin ketone	10.553	10.556	-0.003	476443369	120.000	120
$ 22 Decachlorobiphenyl	12.373	12.377	-0.004	194859129	60.0000	59

Data File: /var/chem/gcsv17b.i/20060725.b/sv17b054.d
Date : 26-JUL-2006 13:30
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001479

189451

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b060.d
Report Date: 26-Jul-2006 17:08

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17b.i Injection Date: 26-JUL-2006 16:22
Lab File ID: sv17b060.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 18:17 01:18
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17b.i/2060725.b/pestXLB.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4333154	4135565	0.010	4.55992	15.00000	Averaged
2 alpha-BHC	5837350	5753466	0.010	1.43702	15.00000	Averaged
3 gamma-BHC (Lindane)	5112027	5050847	0.010	1.19678	15.00000	Averaged
6 beta-BHC	2468086	2328876	0.010	5.64039	15.00000	Averaged
7 delta-BHC	5088944	4869784	0.010	4.30658	15.00000	Averaged
4 Heptachlor	4298344	4576444	0.010	-6.46993	15.00000	Averaged
5 Aldrin	4851775	4664196	0.010	3.86619	15.00000	Averaged
8 Heptachlor epoxide	4261108	4234377	0.010	0.62731	15.00000	Averaged
10 gamma-Chlordane	4287079	4394136	0.010	-2.49721	15.00000	Averaged
11 alpha-Chlordane	4112856	3999688	0.010	2.75156	15.00000	Averaged
9 Endosulfan I	3978674	3985903	0.010	-0.18169	15.00000	Averaged
12 4,4'-DDE	4384336	4301866	0.010	1.88101	15.00000	Averaged
13 Dieldrin	4450268	4359884	0.010	2.03097	15.00000	Averaged
14 Endrin	3405302	3721308	0.010	-9.27984	15.00000	Averaged
15 4,4'-DDD	3617102	3625382	0.010	-0.22891	15.00000	Averaged
16 Endosulfan II	3718352	3689029	0.010	0.78859	15.00000	Averaged
18 Endrin aldehyde	3113044	3043095	0.010	2.24698	15.00000	Averaged
17 4,4'-DDT	3255932	3435148	0.010	-5.50430	15.00000	Averaged
20 Endosulfan sulfate	3311900	3405337	0.010	-2.82125	15.00000	Averaged
19 Methoxychlor	1665359	1883016	0.010	-13.06963	15.00000	Averaged
21 Endrin ketone	4083308	4190341	0.010	-2.62122	15.00000	Averaged
$ 22 Decachlorobiphenyl	3311319	3314395	0.010	-0.09288	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 3.36819
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b060.d
Report Date: 26-Jul-2006 17:08

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b060.d
Lab Smp Id: 1400
Inj Date : 26-JUL-2006 16:22
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 26-Jul-2006 17:08 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 60 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.835	4.838	-0.003	248133919	60.0000	57
2 alpha-BHC	5.543	5.546	-0.003	345207978	60.0000	59
3 gamma-BHC (Lindane)	6.065	6.068	-0.003	303050838	60.0000	59
6 beta-BHC	6.547	6.549	-0.002	139732582	60.0000	57
7 delta-BHC	6.897	6.899	-0.002	292187045	60.0000	57
4 Heptachlor	6.930	6.932	-0.002	274586644	60.0000	64
5 Aldrin	7.378	7.381	-0.003	279851782	60.0000	58
8 Heptachlor epoxide	8.005	8.008	-0.003	254062639	60.0000	60
10 gamma-Chlordane	8.440	8.442	-0.002	263648181	60.0000	61
11 alpha-Chlordane	8.500	8.502	-0.002	239981293	60.0000	58
9 Endosulfan I	8.536	8.539	-0.003	239154157	60.0000	60
12 4,4'-DDE	8.751	8.753	-0.002	516223955	120.000	120
13 Dieldrin	8.878	8.880	-0.002	523186081	120.000	120

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b060.d
Report Date: 26-Jul-2006 17:08

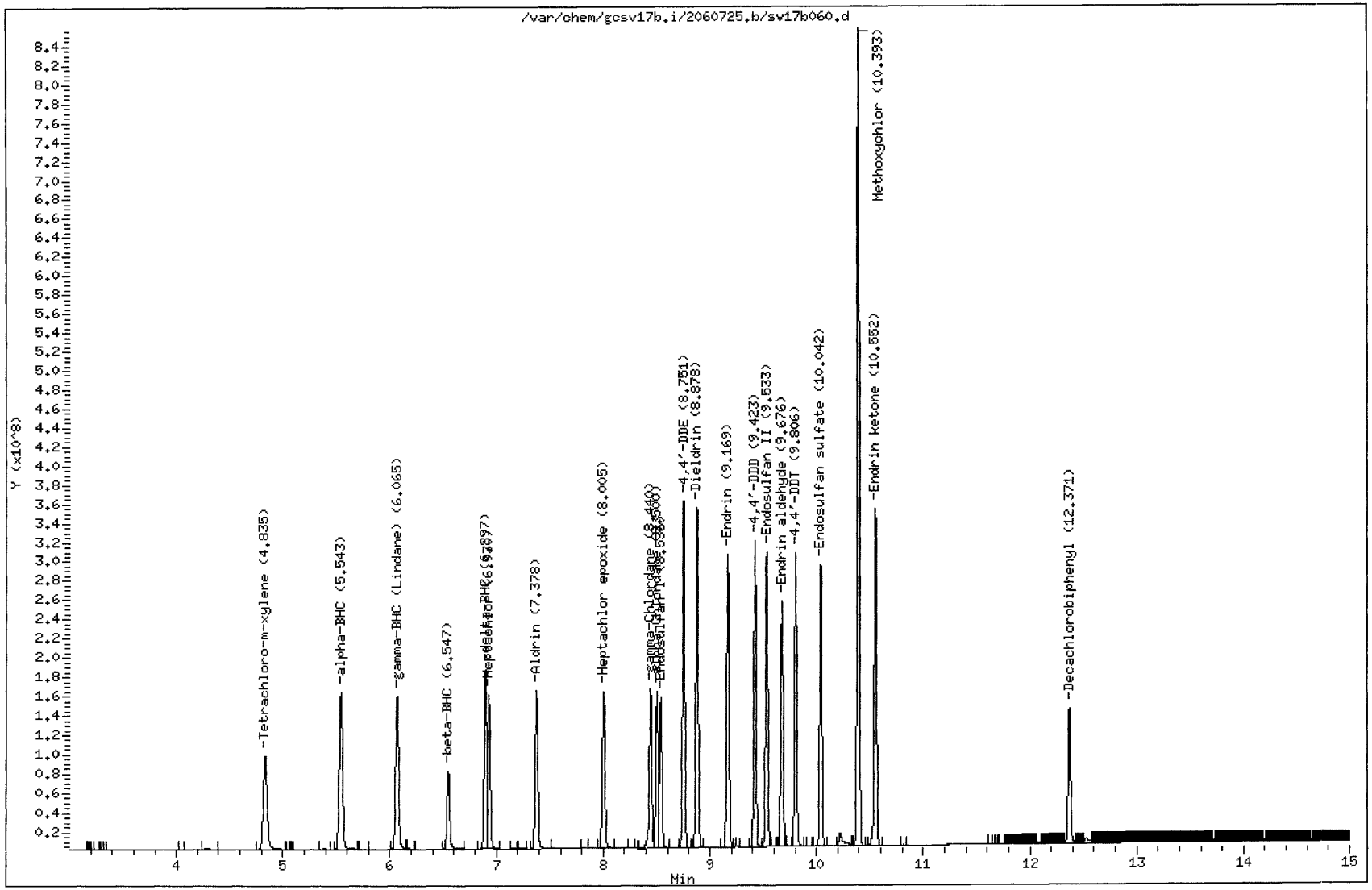
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.169	9.171	-0.002	446556995	120.000	130
15 4,4'-DDD	9.423	9.427	-0.004	435045784	120.000	120
16 Endosulfan II	9.533	9.536	-0.003	442683537	120.000	120
18 Endrin aldehyde	9.676	9.679	-0.003	365171379	120.000	120
17 4,4'-DDT	9.806	9.809	-0.003	412217740	120.000	130
20 Endosulfan sulfate	10.042	10.046	-0.004	408640476	120.000	120
19 Methoxychlor	10.393	10.396	-0.003	1129809387	600.000	680
21 Endrin ketone	10.552	10.555	-0.003	502840894	120.000	120
$ 22 Decachlorobiphenyl	12.371	12.376	-0.005	198863707	60.0000	60

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b060.d
Date : 26-JUL-2006 16:22
Client ID:
Sample Info: 1400*1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001483



189455

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{6783092 + 1403075}{6783092 + 1403075 + 245601972} \times 100 = 3.2\ \%$$

DDT Breakdown: Criteria

< 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{6580092 + 5721152}{6580092 + 5721152 + 284473493} \times 100 = 4.1\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b063.d
Report Date: 27-Jul-2006 08:40

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b063.d
Lab Smp Id: deg
Inj Date : 27-JUL-2006 08:24
Operator : tls Inst ID: gcsv17b.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 27-Jul-2006 08:40 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

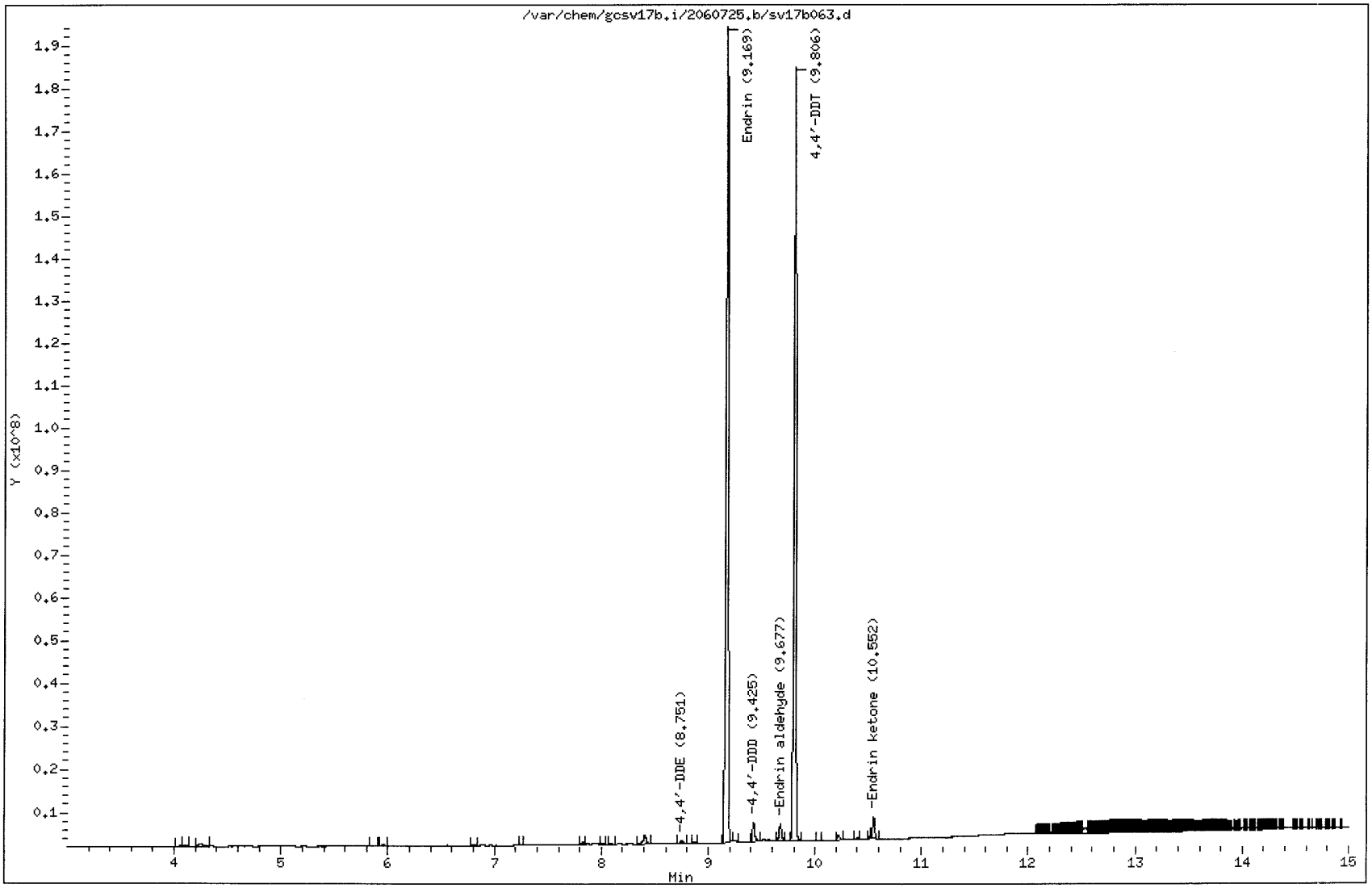
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
12 4,4'-DDE	8.751	8.753	-0.002	1403075	0.32002	0.0032
15 4,4'-DDD	9.425	9.427	-0.002	6783092	1.87528	0.019
17 4,4'-DDT	9.806	9.809	-0.003	245601972	75.4322	0.75
18 Endrin aldehyde	9.677	9.679	-0.002	5721152	1.83780	0.018
21 Endrin ketone	10.552	10.556	-0.004	6580092	1.61146	0.016
14 Endrin	9.169	9.172	-0.003	284473493	83.5384	0.84

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b063.d
Date : 27-JUL-2006 08:24
Client ID:
Sample Info: deg*1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001186



189458

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b064.d
Report Date: 27-Jul-2006 09:05

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17b.i Injection Date: 27-JUL-2006 08:45
Lab File ID: sv17b064.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 18:17 01:18
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17b.i/2060725.b/pestXLB.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4333154	4236290	0.010	2.23540	15.00000	Averaged
2 alpha-BHC	5837350	5880199	0.010	-0.73405	15.00000	Averaged
3 gamma-BHC (Lindane)	5112027	5164188	0.010	-1.02036	15.00000	Averaged
6 beta-BHC	2468086	2403604	0.010	2.61265	15.00000	Averaged
7 delta-BHC	5088944	5080623	0.010	0.16350	15.00000	Averaged
4 Heptachlor	4298344	4436467	0.010	-3.21340	15.00000	Averaged
5 Aldrin	4851775	4752751	0.010	2.04099	15.00000	Averaged
8 Heptachlor epoxide	4261108	4237757	0.010	0.54800	15.00000	Averaged
10 gamma-Chlordane	4287079	4237999	0.010	1.14483	15.00000	Averaged
11 alpha-Chlordane	4112856	4030561	0.010	2.00093	15.00000	Averaged
9 Endosulfan I	3978674	4024646	0.010	-1.15547	15.00000	Averaged
12 4,4'-DDE	4384336	4280034	0.010	2.37898	15.00000	Averaged
13 Dieldrin	4450268	4337697	0.010	2.52953	15.00000	Averaged
14 Endrin	3405302	3542088	0.010	-4.01685	15.00000	Averaged
15 4,4'-DDD	3617102	3565534	0.010	1.42565	15.00000	Averaged
16 Endosulfan II	3718352	3676798	0.010	1.11753	15.00000	Averaged
18 Endrin aldehyde	3113044	3027863	0.010	2.73626	15.00000	Averaged
17 4,4'-DDT	3255932	3274531	0.010	-0.57124	15.00000	Averaged
20 Endosulfan sulfate	3311900	3339267	0.010	-0.82631	15.00000	Averaged
19 Methoxychlor	1665359	1710693	0.010	-2.72214	15.00000	Averaged
21 Endrin ketone	4083308	4112306	0.010	-0.71015	15.00000	Averaged
$ 22 Decachlorobiphenyl	3311319	3211728	0.010	3.00761	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 1.76872
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b064.d
Report Date: 27-Jul-2006 09:05

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b064.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 08:45
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 27-Jul-2006 09:05 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 64 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

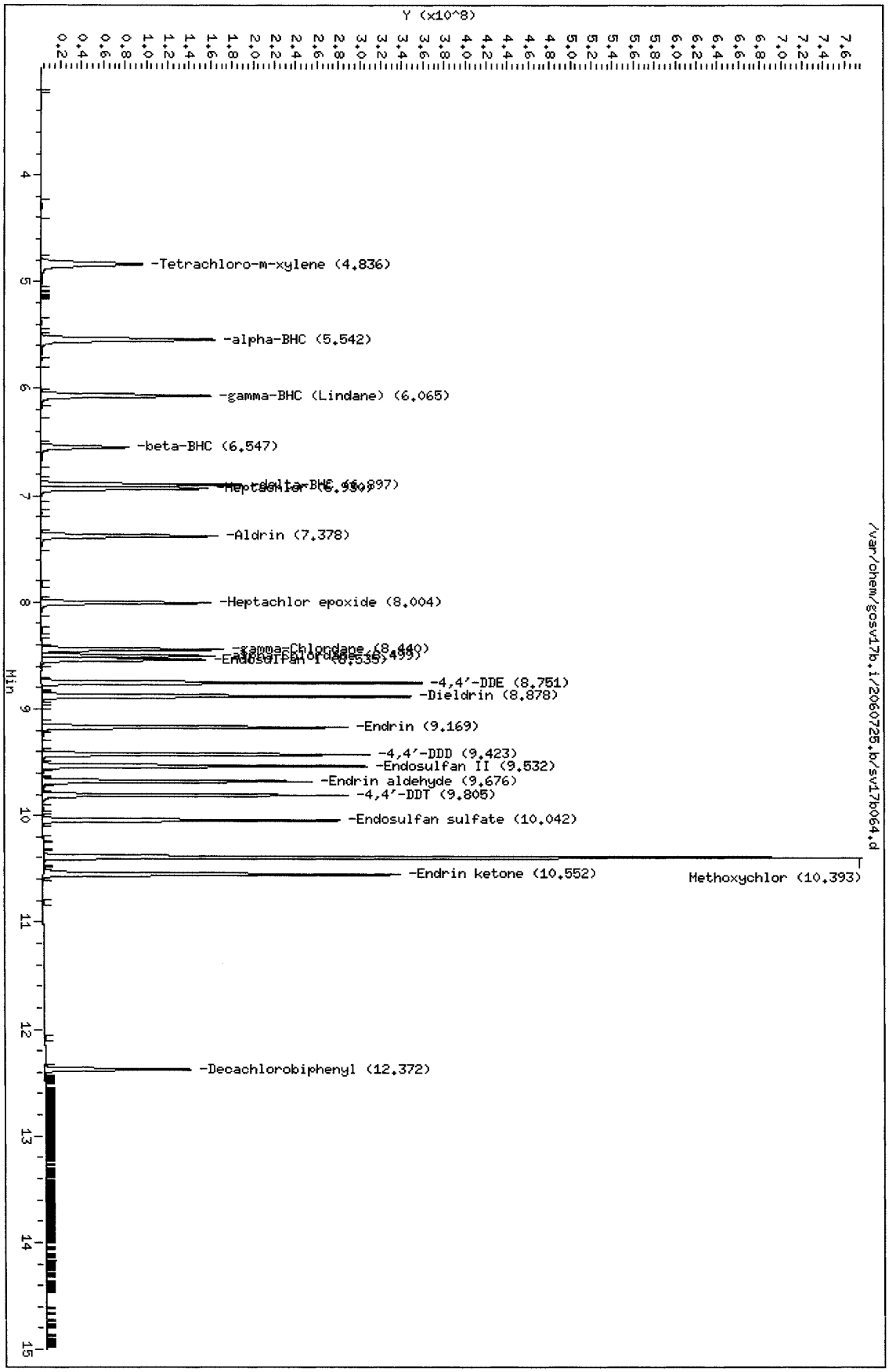
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.836	4.838	-0.002	254177408	60.0000	59
2 alpha-BHC	5.542	5.546	-0.004	352811967	60.0000	60
3 gamma-BHC (Lindane)	6.065	6.068	-0.003	309851304	60.0000	61
6 beta-BHC	6.547	6.549	-0.002	144216216	60.0000	58
7 delta-BHC	6.897	6.899	-0.002	304837370	60.0000	60
4 Heptachlor	6.930	6.932	-0.002	266188046	60.0000	62
5 Aldrin	7.378	7.381	-0.003	285165053	60.0000	59
8 Heptachlor epoxide	8.004	8.008	-0.004	254265403	60.0000	60
10 gamma-Chlordane	8.440	8.442	-0.002	254279966	60.0000	59
11 alpha-Chlordane	8.499	8.502	-0.003	241833631	60.0000	59
9 Endosulfan I	8.535	8.539	-0.004	241478760	60.0000	61
12 4,4'-DDE	8.751	8.753	-0.002	513604048	120.000	120
13 Dieldrin	8.878	8.880	-0.002	520523600	120.000	120

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b064.d
Report Date: 27-Jul-2006 09:05

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.169	9.171	-0.002	425050535	120.000	120
15 4,4'-DDD	9.423	9.427	-0.004	427864106	120.000	120
16 Endosulfan II	9.532	9.536	-0.004	441215799	120.000	120
18 Endrin aldehyde	9.676	9.679	-0.003	363343607	120.000	120
17 4,4'-DDT	9.805	9.809	-0.004	392943684	120.000	120
20 Endosulfan sulfate	10.042	10.046	-0.004	400712028	120.000	120
19 Methoxychlor	10.393	10.396	-0.003	1026415637	600.000	620
21 Endrin ketone	10.552	10.555	-0.003	493476688	120.000	120
$ 22 Decachlorobiphenyl	12.372	12.377	-0.005	192703672	60.0000	58

Data File: /var/chem/gcsv17b.i/20060725.b/sv17b064.d
Date : 27-JUL-2006 08:45
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001490

189462

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b076.d
Report Date: 27-Jul-2006 14:45

Gulf Coast Analytical Services

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17b.i Injection Date: 27-JUL-2006 14:21
Lab File ID: sv17b076.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 18:17 01:18
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17b.i/2060725.b/pestXLB.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4333154	3882078	0.010	10.40987	15.00000	Averaged
2 alpha-BHC	5837350	5414804	0.010	7.23867	15.00000	Averaged
3 gamma-BHC (Lindane)	5112027	4747120	0.010	7.13820	15.00000	Averaged
6 beta-BHC	2468086	2206964	0.010	10.57993	15.00000	Averaged
7 delta-BHC	5088944	4578119	0.010	10.03794	15.00000	Averaged
4 Heptachlor	4298344	4402036	0.010	-2.41237	15.00000	Averaged
5 Aldrin	4851775	4403480	0.010	9.23981	15.00000	Averaged
8 Heptachlor epoxide	4261108	3988637	0.010	6.39437	15.00000	Averaged
10 gamma-Chlordane	4287079	3818460	0.010	10.93097	15.00000	Averaged
11 alpha-Chlordane	4112856	3640123	0.010	11.49402	15.00000	Averaged
9 Endosulfan I	3978674	3749585	0.010	5.75792	15.00000	Averaged
12 4,4'-DDE	4384336	4010910	0.010	8.51729	15.00000	Averaged
13 Dieldrin	4450268	4126467	0.010	7.27598	15.00000	Averaged
14 Endrin	3405302	3487047	0.010	-2.40052	15.00000	Averaged
15 4,4'-DDD	3617102	3397049	0.010	6.08368	15.00000	Averaged
16 Endosulfan II	3718352	3463254	0.010	6.86051	15.00000	Averaged
18 Endrin aldehyde	3113044	2845933	0.010	8.58038	15.00000	Averaged
17 4,4'-DDT	3255932	3144841	0.010	3.41193	15.00000	Averaged
20 Endosulfan sulfate	3311900	3135420	0.010	5.32867	15.00000	Averaged
19 Methoxychlor	1665359	1787591	0.010	-7.33965	15.00000	Averaged
21 Endrin ketone	4083308	3934199	0.010	3.65168	15.00000	Averaged
$ 22 Decachlorobiphenyl	3311319	3160172	0.010	4.56457	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 7.07495
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b076.d
Report Date: 27-Jul-2006 14:45

Gulf Coast Analytical Services

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b076.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 14:21
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 27-Jul-2006 14:45 smh Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 76 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: hpchem

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.834	4.838	-0.004	232924674	60.0000	54
2 alpha-BHC	5.542	5.546	-0.004	324888231	60.0000	56
3 gamma-BHC (Lindane)	6.065	6.068	-0.003	284827220	60.0000	56
6 beta-BHC	6.548	6.549	-0.001	132417850	60.0000	54
7 delta-BHC	6.898	6.899	-0.001	274687120	60.0000	54
4 Heptachlor	6.930	6.932	-0.002	264122177	60.0000	61
5 Aldrin	7.378	7.381	-0.003	264208815	60.0000	54
8 Heptachlor epoxide	8.004	8.008	-0.004	239318207	60.0000	56
10 gamma-Chlordane	8.441	8.442	-0.001	229107589	60.0000	53
11 alpha-Chlordane	8.500	8.502	-0.002	218407398	60.0000	53
9 Endosulfan I	8.537	8.539	-0.002	224975099	60.0000	57
12 4,4'-DDE	8.751	8.753	-0.002	481309182	120.000	110
13 Dieldrin	8.878	8.880	-0.002	495176015	120.000	110

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b076.d
Report Date: 27-Jul-2006 14:45

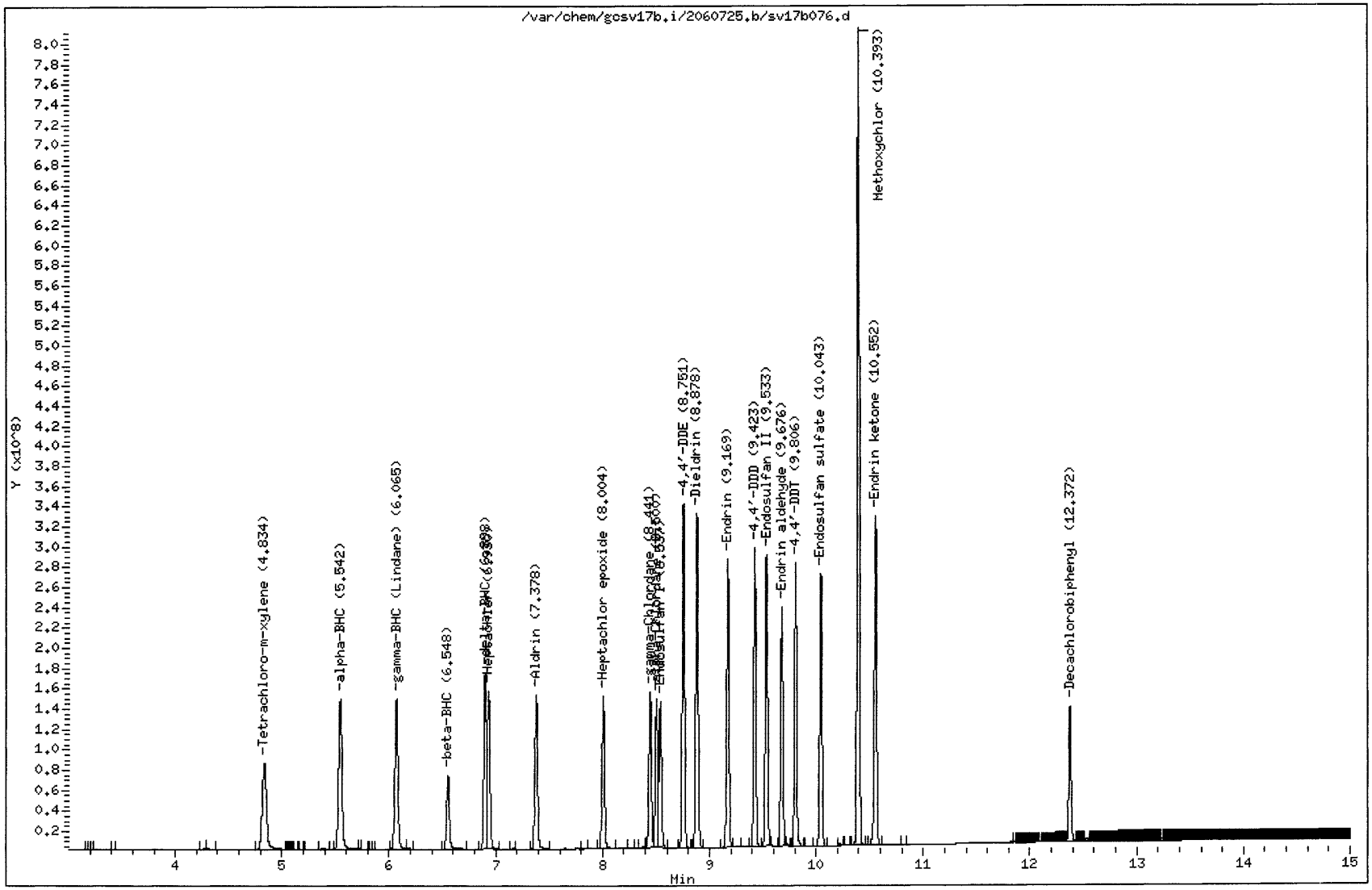
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.169	9.171	-0.002	418445635	120.000	120
15 4,4'-DDD	9.423	9.427	-0.004	407645835	120.000	110
16 Endosulfan II	9.533	9.536	-0.003	415590490	120.000	110
18 Endrin aldehyde	9.676	9.679	-0.003	341512003	120.000	110
17 4,4'-DDT	9.806	9.809	-0.003	377380972	120.000	120
20 Endosulfan sulfate	10.043	10.046	-0.003	376250398	120.000	110
19 Methoxychlor	10.393	10.396	-0.003	1072554546	600.000	640
21 Endrin ketone	10.552	10.555	-0.003	472103885	120.000	120
$ 22 Decachlorobiphenyl	12.372	12.377	-0.005	189610319	60.0000	57

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b076.d
Date : 27-JUL-2006 14:21
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001494



189466

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b082.d
Report Date: 28-Jul-2006 08:25

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17b.i Injection Date: 27-JUL-2006 18:06
Lab File ID: sv17b082.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 18:17 01:18
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17b.i/2060725.b/pestXLB.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4333154	3960620	0.010	8.59730	15.00000	Averaged
2 alpha-BHC	5837350	5392399	0.010	7.62248	15.00000	Averaged
3 gamma-BHC (Lindane)	5112027	4801501	0.010	6.07442	15.00000	Averaged
6 beta-BHC	2468086	2191613	0.010	11.20190	15.00000	Averaged
7 delta-BHC	5088944	4736726	0.010	6.92123	15.00000	Averaged
4 Heptachlor	4298344	4368584	0.010	-1.63410	15.00000	Averaged
5 Aldrin	4851775	4425627	0.010	8.78334	15.00000	Averaged
8 Heptachlor epoxide	4261108	4066889	0.010	4.55794	15.00000	Averaged
10 gamma-Chlordane	4287079	3966239	0.010	7.48389	15.00000	Averaged
11 alpha-Chlordane	4112856	3756174	0.010	8.67237	15.00000	Averaged
9 Endosulfan I	3978674	3747454	0.010	5.81149	15.00000	Averaged
12 4,4'-DDE	4384336	4058175	0.010	7.43924	15.00000	Averaged
13 Dieldrin	4450268	4190845	0.010	5.82938	15.00000	Averaged
14 Endrin	3405302	3570221	0.010	-4.84302	15.00000	Averaged
15 4,4'-DDD	3617102	3456458	0.010	4.44122	15.00000	Averaged
16 Endosulfan II	3718352	3512045	0.010	5.54836	15.00000	Averaged
18 Endrin aldehyde	3113044	2891665	0.010	7.11136	15.00000	Averaged
17 4,4'-DDT	3255932	3303378	0.010	-1.45723	15.00000	Averaged
20 Endosulfan sulfate	3311900	3244370	0.010	2.03902	15.00000	Averaged
19 Methoxychlor	1665359	1824536	0.010	-9.55809	15.00000	Averaged
21 Endrin ketone	4083308	4003869	0.010	1.94546	15.00000	Averaged
$ 22 Decachlorobiphenyl	3311319	3275374	0.010	1.08554	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 5.84811
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b082.d
Report Date: 28-Jul-2006 08:25

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b082.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 18:06
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 28-Jul-2006 08:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 82 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

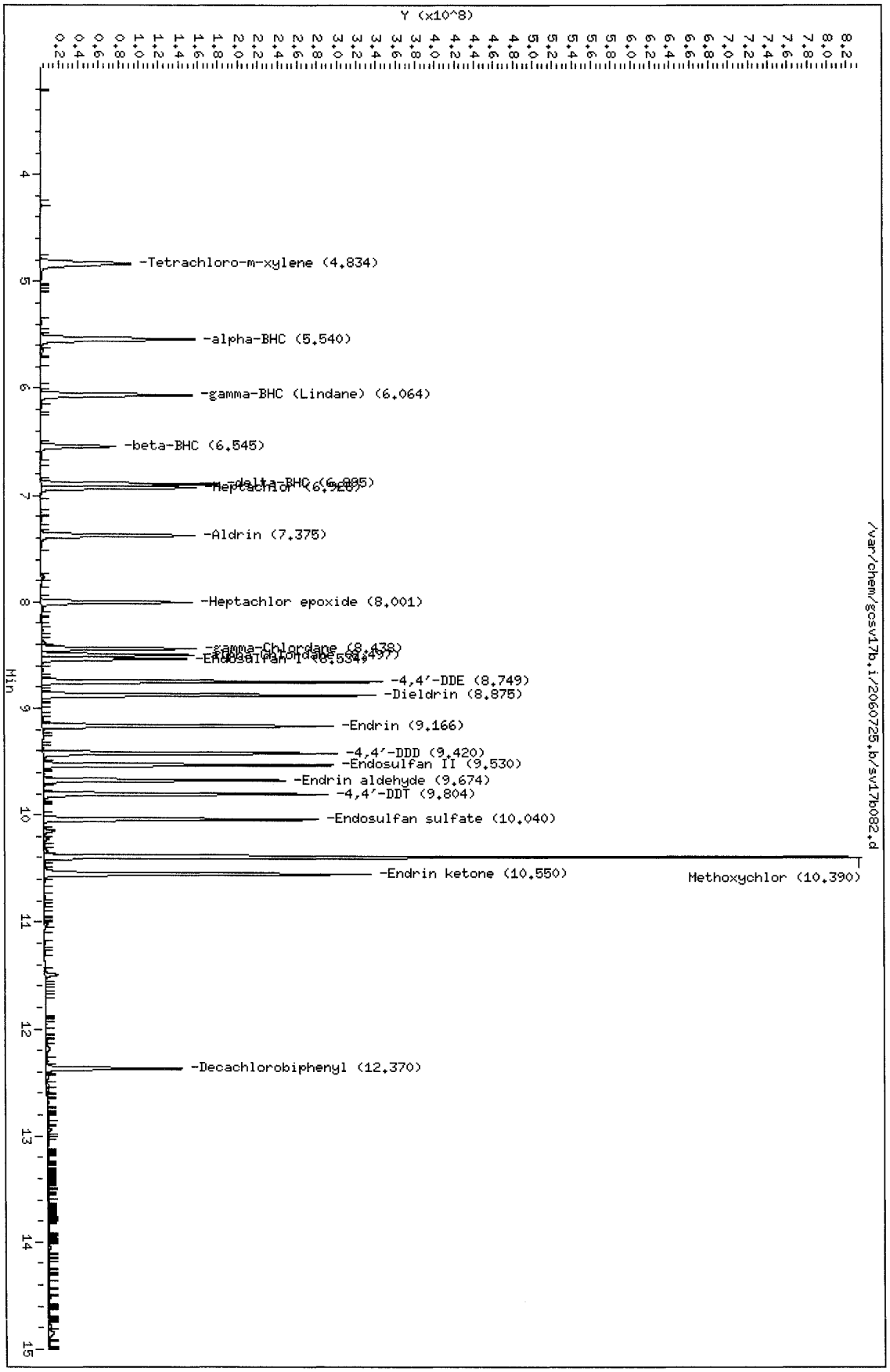
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.834	4.838	-0.004	237637177	60.0000	55
2 alpha-BHC	5.540	5.546	-0.006	323543964	60.0000	55
3 gamma-BHC (Lindane)	6.064	6.068	-0.004	288090081	60.0000	56
6 beta-BHC	6.545	6.549	-0.004	131496802	60.0000	53
7 delta-BHC	6.895	6.899	-0.004	284203546	60.0000	56
4 Heptachlor	6.928	6.932	-0.004	262115010	60.0000	61
5 Aldrin	7.375	7.380	-0.005	265537638	60.0000	55
8 Heptachlor epoxide	8.001	8.008	-0.007	244013332	60.0000	57
10 gamma-Chlordane	8.438	8.442	-0.004	237974339	60.0000	56
11 alpha-Chlordane	8.497	8.501	-0.004	225370442	60.0000	55
9 Endosulfan I	8.534	8.539	-0.005	224847212	60.0000	57
12 4,4'-DDE	8.749	8.752	-0.003	486981000	120.000	110
13 Dieldrin	8.875	8.880	-0.005	502901342	120.000	110

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b082.d
Report Date: 28-Jul-2006 08:25

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.166	9.171	-0.005	428426548	120.000	130
15 4,4'-DDD	9.420	9.426	-0.006	414774995	120.000	110
16 Endosulfan II	9.530	9.536	-0.006	421445341	120.000	110
18 Endrin aldehyde	9.674	9.679	-0.005	346999764	120.000	110
17 4,4'-DDT	9.804	9.809	-0.005	396405364	120.000	120
20 Endosulfan sulfate	10.040	10.046	-0.006	389324379	120.000	120
19 Methoxychlor	10.390	10.396	-0.006	1094721574	600.000	660
21 Endrin ketone	10.550	10.555	-0.005	480464300	120.000	120
$ 22 Decachlorobiphenyl	12.370	12.376	-0.006	196522418	60.0000	59

Data File: /var/chem/gcsv17b.i/20060725.b/sv17b082.d
Date : 27-JUL-2006 18:06
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001498

189470

Gulf Coast Analytical Laboratories, Inc.

Breakdown Calculation

DDT Breakdown: Formula

$$\frac{(\text{Area DDD}) + (\text{Area DDE})}{(\text{Area DDD}) + (\text{Area DDE}) + (\text{Area DDT})} \times 100$$

DDT Breakdown: Calculation

$$\frac{5937340 + 1505675}{5937340 + 1505675 + 245549798} \times 100 = 2.9\ \%$$

DDT Breakdown: Criteria

< 15%

==========

Endrin Breakdown: Formula

$$\frac{(\text{Area Endrin ketone}) + (\text{Area Endrin aldehyde})}{(\text{Area End ket}) + (\text{Area End ald}) + (\text{Area Endrin})} \times 100$$

Endrin Breakdown: Calculation

$$\frac{5413912 + 4112112}{5413912 + 4112112 + 284793291} \times 100 = 3.2\ \%$$

Endrin Breakdown: Criteria

< 15%

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b085.d
Report Date: 28-Jul-2006 09:21

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b085.d
Lab Smp Id: deg
Inj Date : 28-JUL-2006 09:07
Operator : tls Inst ID: gcsv17b.i
Smp Info : deg*1 65-24-3
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 28-Jul-2006 08:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 85
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

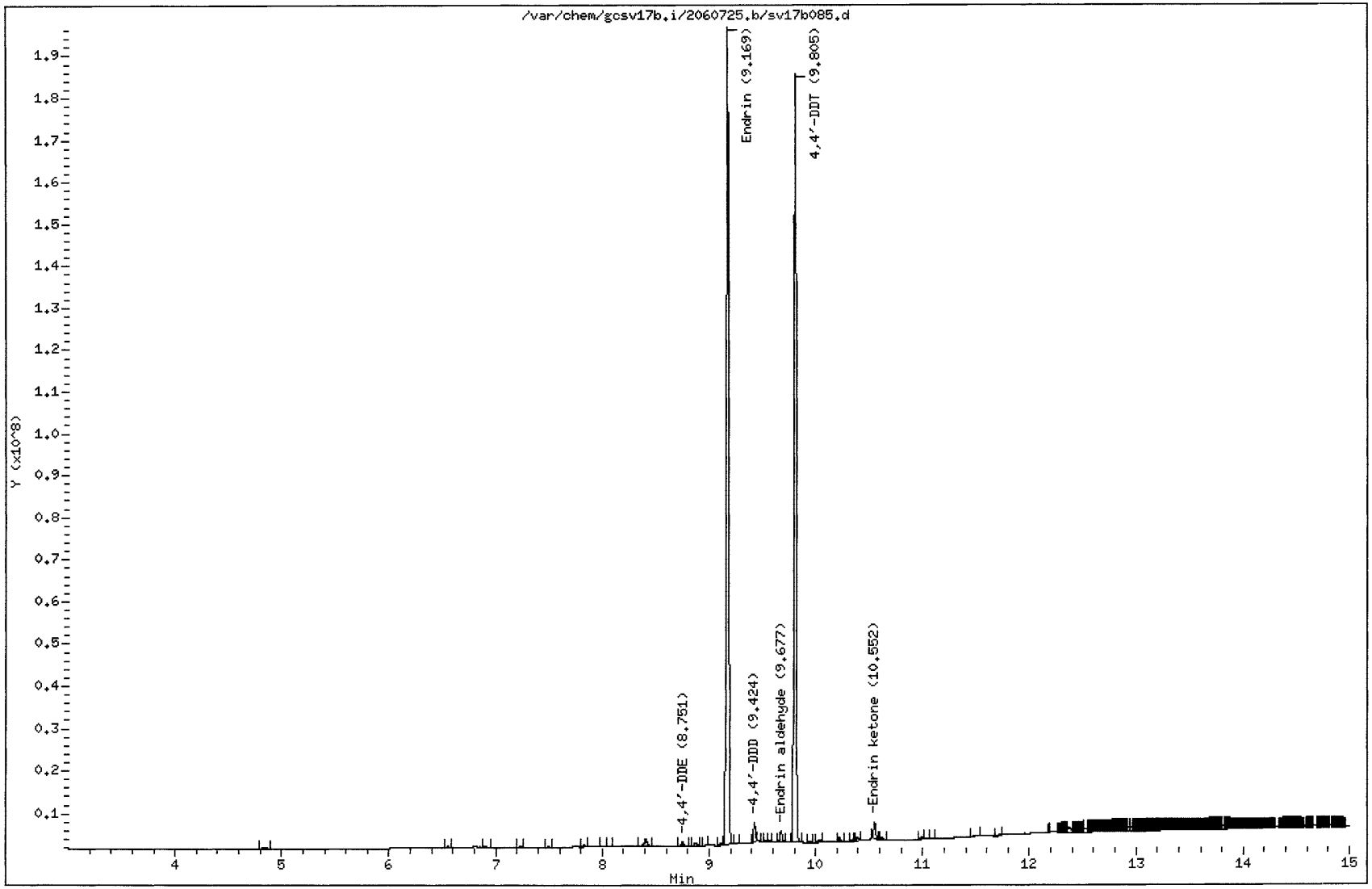
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
12 4,4'-DDE	8.751	8.753	-0.002	1505675	0.34342	0.0034
15 4,4'-DDD	9.424	9.427	-0.003	5937340	1.64146	0.016
17 4,4'-DDT	9.805	9.809	-0.004	245549798	75.4161	0.75
18 Endrin aldehyde	9.677	9.679	-0.002	4112112	1.32093	0.013
21 Endrin ketone	10.552	10.555	-0.003	5413912	1.32586	0.013
14 Endrin	9.169	9.171	-0.002	284793291	83.6323	0.84

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b085.d
Date : 28-JUL-2006 09:07
Client ID:
Sample Info: degx1 65-24-3
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001501



189473

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b086.d
Report Date: 28-Jul-2006 09:40

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17b.i Injection Date: 28-JUL-2006 09:28
Lab File ID: sv17b086.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 18:17 01:18
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17b.i/2060725.b/pestXLB.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4333154	4278534	0.010	1.26051	15.00000	Averaged
2 alpha-BHC	5837350	5940437	0.010	-1.76599	15.00000	Averaged
3 gamma-BHC (Lindane)	5112027	5209011	0.010	-1.89717	15.00000	Averaged
6 beta-BHC	2468086	2400968	0.010	2.71944	15.00000	Averaged
7 delta-BHC	5088944	5150044	0.010	-1.20066	15.00000	Averaged
4 Heptachlor	4298344	4497008	0.010	-4.62186	15.00000	Averaged
5 Aldrin	4851775	4750088	0.010	2.09588	15.00000	Averaged
8 Heptachlor epoxide	4261108	4233174	0.010	0.65554	15.00000	Averaged
10 gamma-Chlordane	4287079	4204877	0.010	1.91745	15.00000	Averaged
11 alpha-Chlordane	4112856	4054135	0.010	1.42774	15.00000	Averaged
9 Endosulfan I	3978674	3955336	0.010	0.58656	15.00000	Averaged
12 4,4'-DDE	4384336	4261305	0.010	2.80615	15.00000	Averaged
13 Dieldrin	4450268	4343717	0.010	2.39426	15.00000	Averaged
14 Endrin	3405302	3640949	0.010	-6.92002	15.00000	Averaged
15 4,4'-DDD	3617102	3564149	0.010	1.46395	15.00000	Averaged
16 Endosulfan II	3718352	3662533	0.010	1.50117	15.00000	Averaged
18 Endrin aldehyde	3113044	2997113	0.010	3.72404	15.00000	Averaged
17 4,4'-DDT	3255932	3317538	0.010	-1.89214	15.00000	Averaged
20 Endosulfan sulfate	3311900	3362997	0.010	-1.54282	15.00000	Averaged
19 Methoxychlor	1665359	1747140	0.010	-4.91069	15.00000	Averaged
21 Endrin ketone	4083308	4099367	0.010	-0.39328	15.00000	Averaged
$ 22 Decachlorobiphenyl	3311319	3215316	0.010	2.89925	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 2.29984
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b086.d
Report Date: 28-Jul-2006 09:40

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b086.d
Lab Smp Id: 1400
Inj Date : 28-JUL-2006 09:28
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 28-Jul-2006 09:40 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 86 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

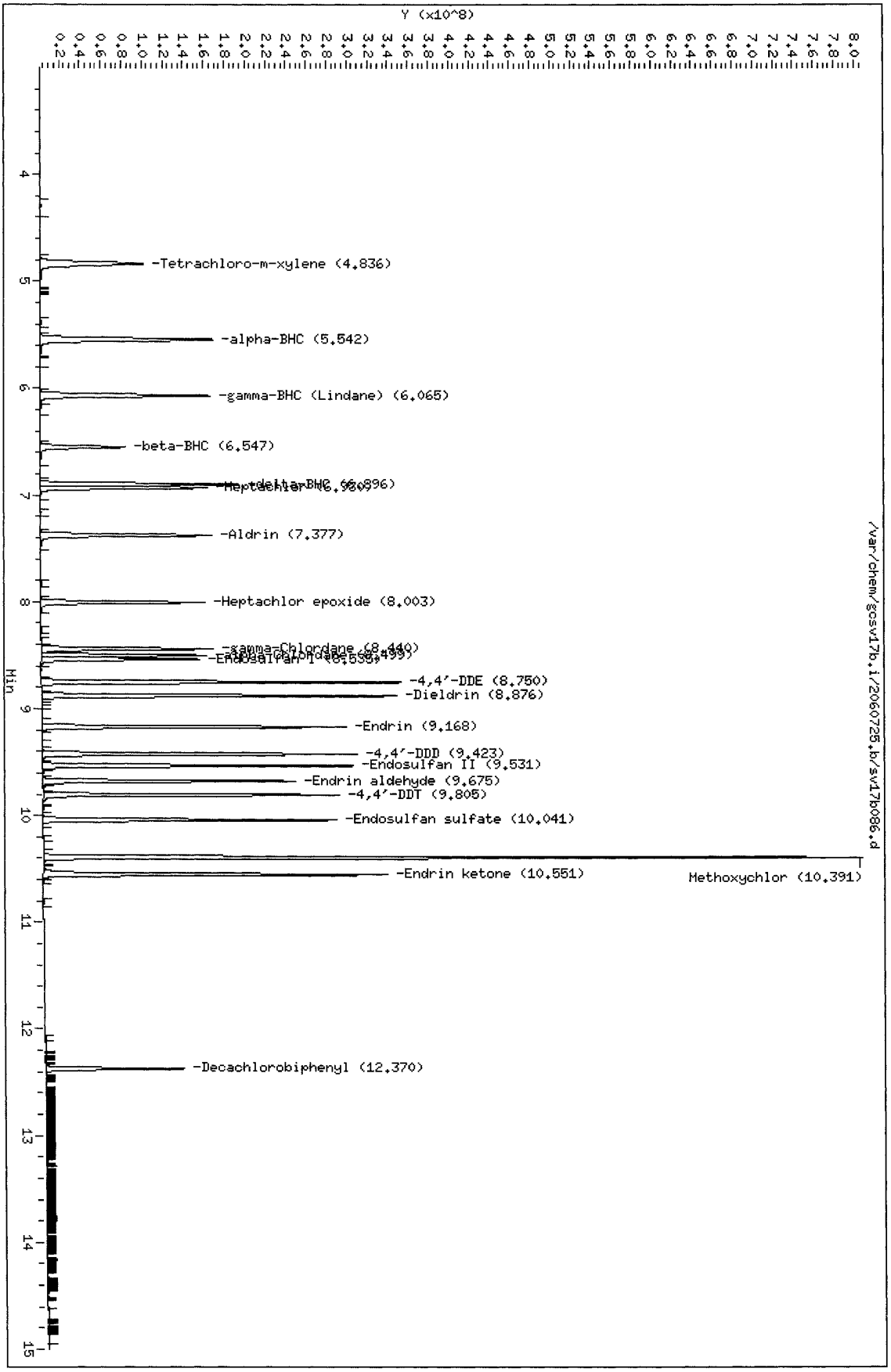
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.836	4.839	-0.003	256712020	60.0000	59
2 alpha-BHC	5.542	5.546	-0.004	356426238	60.0000	61
3 gamma-BHC (Lindane)	6.065	6.068	-0.003	312540668	60.0000	61
6 beta-BHC	6.547	6.549	-0.002	144058071	60.0000	58
7 delta-BHC	6.896	6.899	-0.003	309002669	60.0000	61
4 Heptachlor	6.930	6.932	-0.002	269820458	60.0000	63
5 Aldrin	7.377	7.381	-0.004	285005273	60.0000	59
8 Heptachlor epoxide	8.003	8.008	-0.005	253990464	60.0000	60
10 gamma-Chlordane	8.440	8.442	-0.002	252292596	60.0000	59
11 alpha-Chlordane	8.499	8.502	-0.003	243248096	60.0000	59
9 Endosulfan I	8.535	8.539	-0.004	237320171	60.0000	60
12 4,4'-DDE	8.750	8.752	-0.002	511356608	120.000	120
13 Dieldrin	8.876	8.880	-0.004	521246010	120.000	120

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b086.d
Report Date: 28-Jul-2006 09:40

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.168	9.171	-0.003	436913934	120.000	130
15 4,4'-DDD	9.423	9.427	-0.004	427697877	120.000	120
16 Endosulfan II	9.531	9.536	-0.005	439504005	120.000	120
18 Endrin aldehyde	9.675	9.679	-0.004	359653595	120.000	120
17 4,4'-DDT	9.805	9.809	-0.004	398104588	120.000	120
20 Endosulfan sulfate	10.041	10.046	-0.005	403559624	120.000	120
19 Methoxychlor	10.391	10.396	-0.005	1048284024	600.000	630
21 Endrin ketone	10.551	10.555	-0.004	491924056	120.000	120
$ 22 Decachlorobiphenyl	12.370	12.376	-0.006	192918964	60.0000	58

Data File: /var/chem/gcsv17b.i/20060725.b/sv17b086.d
Date : 28-JUL-2006 09:28
Client ID:
Sample Info: 1400x1 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001505

189477

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b097.d
Report Date: 28-Jul-2006 15:46

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17b.i Injection Date: 28-JUL-2006 15:26
Lab File ID: sv17b097.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 18:17 01:18
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17b.i/2060725.b/pestXLB.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 Tetrachloro-m-xylene	4333154	3864058	0.010	10.82574	15.00000	Averaged
2 alpha-BHC	5837350	5295987	0.010	9.27413	15.00000	Averaged
3 gamma-BHC (Lindane)	5112027	4652539	0.010	8.98838	15.00000	Averaged
6 beta-BHC	2468086	2138494	0.010	13.35413	15.00000	Averaged
7 delta-BHC	5088944	4532945	0.010	10.92561	15.00000	Averaged
4 Heptachlor	4298344	4179454	0.010	2.76596	15.00000	Averaged
5 Aldrin	4851775	4266334	0.010	12.06653	15.00000	Averaged
8 Heptachlor epoxide	4261108	3883139	0.010	8.87021	15.00000	Averaged
10 gamma-Chlordane	4287079	3730698	0.010	12.97810	15.00000	Averaged
11 alpha-Chlordane	4112856	3566146	0.010	13.29270	15.00000	Averaged
9 Endosulfan I	3978674	3645695	0.010	8.36910	15.00000	Averaged
12 4,4'-DDE	4384336	3924036	0.010	10.49875	15.00000	Averaged
13 Dieldrin	4450268	4066986	0.010	8.61254	15.00000	Averaged
14 Endrin	3405302	3458492	0.010	-1.56198	15.00000	Averaged
15 4,4'-DDD	3617102	3308631	0.010	8.52811	15.00000	Averaged
16 Endosulfan II	3718352	3425837	0.010	7.86680	15.00000	Averaged
18 Endrin aldehyde	3113044	2796573	0.010	10.16598	15.00000	Averaged
17 4,4'-DDT	3255932	3077489	0.010	5.48054	15.00000	Averaged
20 Endosulfan sulfate	3311900	3089215	0.010	6.72378	15.00000	Averaged
19 Methoxychlor	1665359	1752705	0.010	-5.24485	15.00000	Averaged
21 Endrin ketone	4083308	3826542	0.010	6.28820	15.00000	Averaged
$ 22 Decachlorobiphenyl	3311319	3045987	0.010	8.01289	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 8.66796
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b097.d
Report Date: 28-Jul-2006 15:46

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b097.d
Lab Smp Id: 1400
Inj Date : 28-JUL-2006 15:26
Operator : tls Inst ID: gcsv17b.i
Smp Info : 1400*1 65-30-7
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 28-Jul-2006 15:46 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 97 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

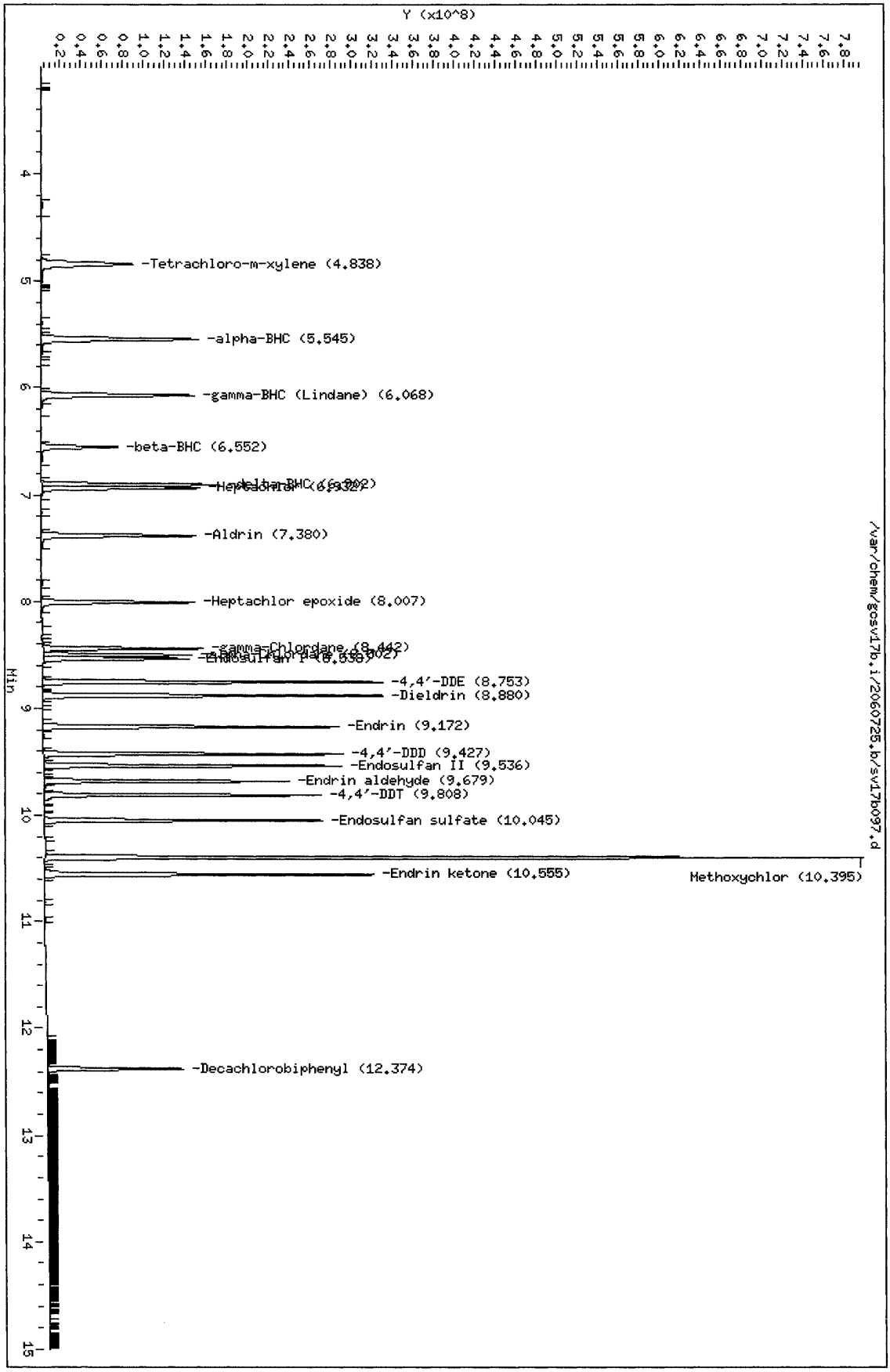
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
$ 1 Tetrachloro-m-xylene	4.838	4.839	-0.001	231843469	60.0000	54
2 alpha-BHC	5.545	5.547	-0.002	317759201	60.0000	54
3 gamma-BHC (Lindane)	6.068	6.069	-0.001	279152314	60.0000	55
6 beta-BHC	6.552	6.550	0.002	128309669	60.0000	52
7 delta-BHC	6.902	6.900	0.002	271976718	60.0000	53
4 Heptachlor	6.932	6.933	-0.001	250767218	60.0000	58
5 Aldrin	7.380	7.381	-0.001	255980058	60.0000	53
8 Heptachlor epoxide	8.007	8.008	-0.001	232988310	60.0000	55
10 gamma-Chlordane	8.442	8.442	0.000	223841859	60.0000	52
11 alpha-Chlordane	8.502	8.502	0.000	213968778	60.0000	52
9 Endosulfan I	8.538	8.539	-0.001	218741679	60.0000	55
12 4,4'-DDE	8.753	8.753	0.000	470884303	120.000	110
13 Dieldrin	8.880	8.881	-0.001	488038379	120.000	110

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b097.d
Report Date: 28-Jul-2006 15:46

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
14 Endrin	9.172	9.172	0.000	415019046	120.000	120
15 4,4'-DDD	9.427	9.427	0.000	397035756	120.000	110
16 Endosulfan II	9.536	9.537	-0.001	411100413	120.000	110
18 Endrin aldehyde	9.679	9.679	0.000	335588750	120.000	110
17 4,4'-DDT	9.808	9.810	-0.002	369298687	120.000	110
20 Endosulfan sulfate	10.045	10.047	-0.002	370705827	120.000	110
19 Methoxychlor	10.395	10.397	-0.002	1051623029	600.000	630
21 Endrin ketone	10.555	10.556	-0.001	459184998	120.000	110
$ 22 Decachlorobiphenyl	12.374	12.377	-0.003	182759217	60.0000	55

Data File: /var/chem/gcsv17b.i/20060725.b/sv17b097.d
Date : 28-JUL-2006 15:26
Client ID:
Sample Info: 1400ml 65-30-7
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i
Operator: tls
Column diameter: 0.32



001509

189481

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877
CONCENTRATION UNITS: ug/kg

Sample ID: MB392359
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 392359
Date Collected: Time:
Date Received:
Date Extracted: 07/20/06
Date Analyzed: 07/25/06 Time: 1629
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A004

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	1.00	U	0.160	1.00
319-85-7	beta-BHC	2.00	U	0.270	2.00
319-86-8	delta-BHC	1.00	U	0.160	1.00
1024-57-3	Heptachlor epoxide	1.00	U	0.355	1.00
959-98-8	Endosulfan I	1.00	U	0.170	1.00
72-55-9	4,4'-DDE	2.00	U	0.325	2.00
33213-65-9	Endosulfan II	2.00	U	0.280	2.00
72-54-8	4,4'-DDD	2.00	U	0.235	2.00
1031-07-8	Endosulfan sulfate	2.00	U	0.265	2.00
72-43-5	Methoxychlor	10.0	U	0.625	10.0
53494-70-5	Endrin ketone	2.00	U	0.420	2.00
7421-93-4	Endrin aldehyde	2.00	U	0.335	2.00
5103-71-9	alpha-Chlordane	1.00	U	0.180	1.00
5103-74-2	gamma-Chlordane	1.00	U	0.220	1.00
8001-35-2	Toxaphene	100	U	4.69	100
58-89-9	gamma-BHC (Lindane)	1.00	U	0.315	1.00
76-44-8	Heptachlor	1.00	U	0.105	1.00
309-00-2	Aldrin	1.00	U	0.160	1.00
60-57-1	Dieldrin	2.00	U	0.140	2.00
72-20-8	Endrin	2.00	U	0.170	2.00
50-29-3	4,4'-DDT	2.00	U	0.125	2.00

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a004.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a004.d
Lab Smp Id: 392362
Inj Date : 25-JUL-2006 16:29
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392362*1 mb s
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:36 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

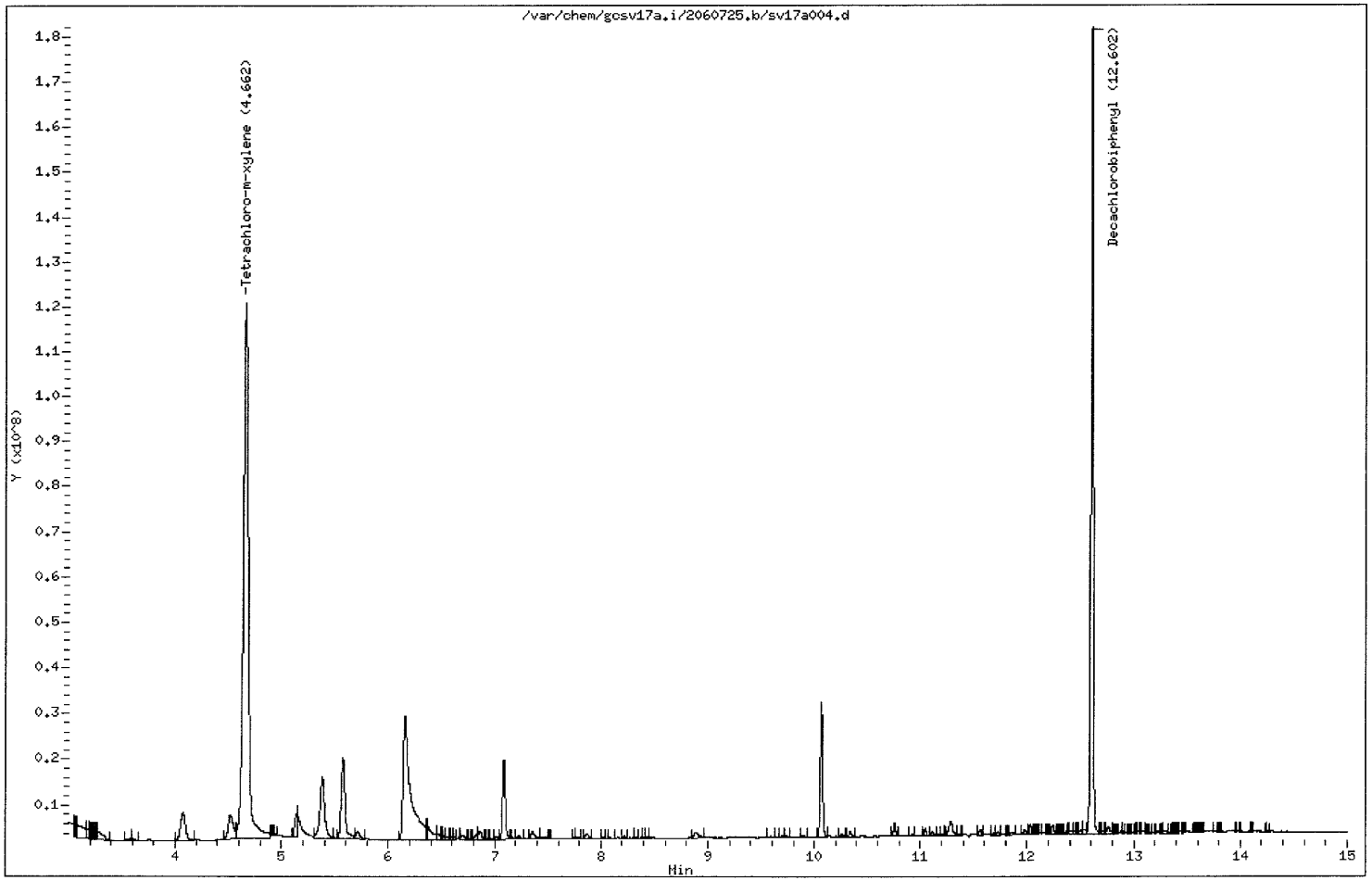
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.662	4.651	0.011	382416740	93.8625	16
$ 22 Decachlorobiphenyl	12.602	12.601	0.001	265830266	85.2277	14

001512

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a004.d
Date : 25-JUL-2006 16:29
Client ID:
Sample Info: 392362*1 mb s
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189484

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328464 Analytical Batch: 328835

CONCENTRATION UNITS: ug/L

Sample ID: MB392701

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 392701

Date Collected: Time:

Date Received:

Date Extracted: 07/21/06

Date Analyzed: 07/24/06 Time: 0212

Dilution Factor: 1 Analyst: TLS

Prep Method: 3510C

Analytical Method: SW-846 8081

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060723/SV17A032

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.025	U	0.00211	0.025
319-85-7	beta-BHC	0.025	U	0.00424	0.025
319-86-8	delta-BHC	0.025	U	0.00232	0.025
1024-57-3	Heptachlor epoxide	0.025	U	0.00732	0.025
959-98-8	Endosulfan I	0.025	U	0.00277	0.025
72-55-9	4,4'-DDE	0.050	U	0.00556	0.050
33213-65-9	Endosulfan II	0.050	U	0.00778	0.050
72-54-8	4,4'-DDD	0.050	U	0.00196	0.050
1031-07-8	Endosulfan sulfate	0.050	U	0.00254	0.050
72-43-5	Methoxychlor	0.250	U	0.00214	0.250
53494-70-5	Endrin ketone	0.050	U	0.00426	0.050
7421-93-4	Endrin aldehyde	0.050	U	0.00484	0.050
5103-71-9	alpha-Chlordane	0.025	U	0.00274	0.025
5103-74-2	gamma-Chlordane	0.025	U	0.00542	0.025
8001-35-2	Toxaphene	2.50	U	0.275	2.50
58-89-9	gamma-BHC (Lindane)	0.025	U	0.00255	0.025
76-44-8	Heptachlor	0.025	U	0.00439	0.025
309-00-2	Aldrin	0.025	U	0.00261	0.025
60-57-1	Dieldrin	0.050	U	0.00471	0.050
72-20-8	Endrin	0.050	U	0.00832	0.050
50-29-3	4,4'-DDT	0.050	U	0.00583	0.050

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a032.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a032.d
Lab Smp Id: 392704
Inj Date : 24-JUL-2006 02:12
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392704*1 mb w
Misc Info : GCSV~9694~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 16:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 32 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

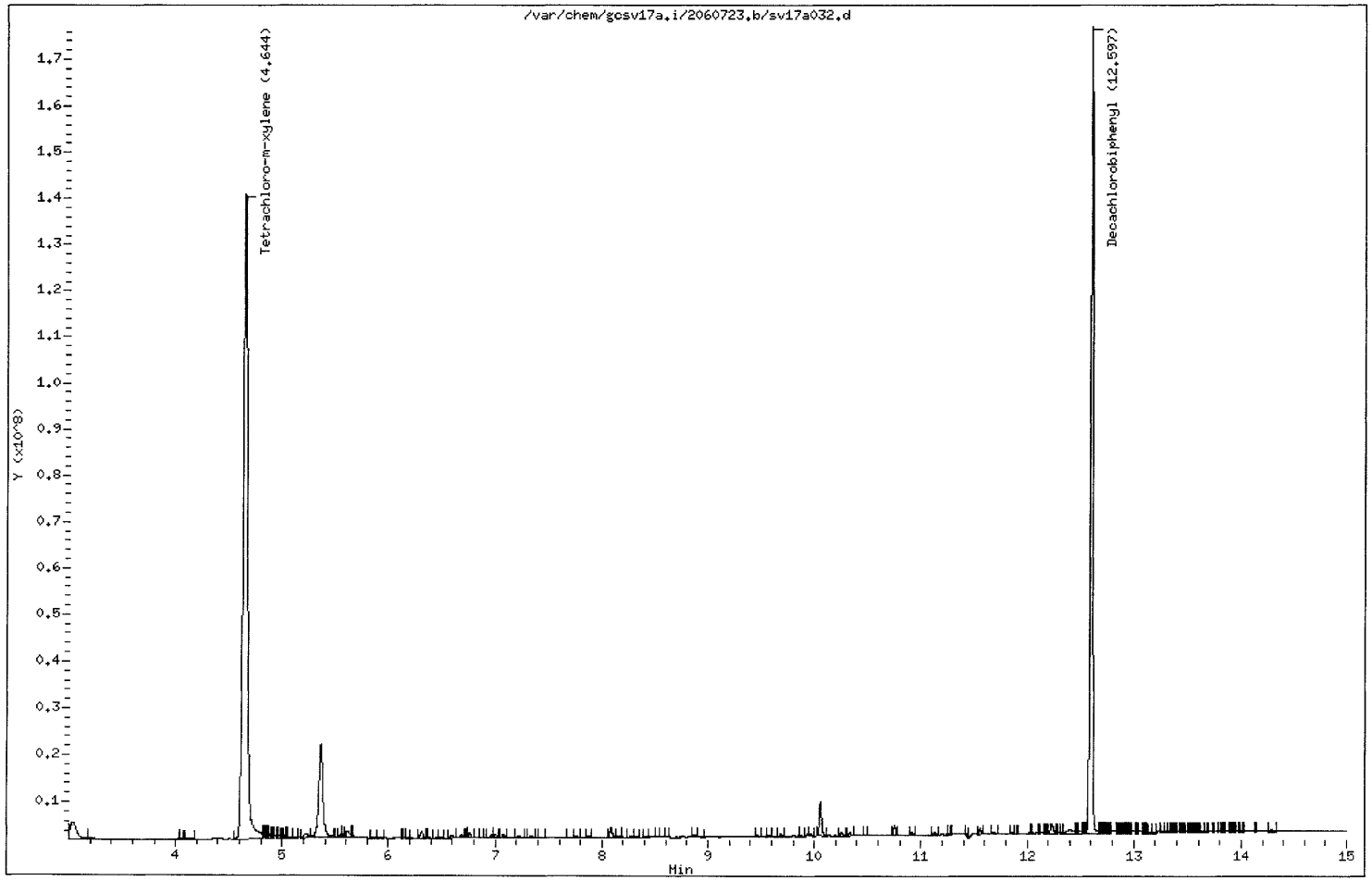
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
$ 1 Tetrachloro-m-xylene	4.644	4.649	-0.005	387296529	95.0602	0.48
$ 22 Decachlorobiphenyl	12.597	12.601	-0.004	256552404	82.2532	0.41

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a032.d
Date : 24-JUL-2006 02:12
Client ID:
Sample Info: 392704*1 mb w
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001515

189487

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328410 Analytical Batch: 328877

CONCENTRATION UNITS: ug/kg

Sample ID: LCS392360

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 392360

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/25/06 Time: 1650

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8081

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A005

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	7.50		0.160	1.00
319-85-7	beta-BHC	7.69		0.270	2.00
319-86-8	delta-BHC	7.39		0.160	1.00
1024-57-3	Heptachlor epoxide	7.94		0.355	1.00
959-98-8	Endosulfan I	8.10		0.170	1.00
72-55-9	4,4'-DDE	7.39		0.325	2.00
33213-65-9	Endosulfan II	6.19		0.280	2.00
72-54-8	4,4'-DDD	8.17		0.235	2.00
1031-07-8	Endosulfan sulfate	7.41		0.265	2.00
72-43-5	Methoxychlor	6.27	J	0.625	10.0
53494-70-5	Endrin ketone	7.97		0.420	2.00
7421-93-4	Endrin aldehyde	7.51		0.335	2.00
5103-71-9	alpha-Chlordane	8.01		0.180	1.00
5103-74-2	gamma-Chlordane	7.82		0.220	1.00
58-89-9	gamma-BHC (Lindane)	7.48		0.315	1.00
76-44-8	Heptachlor	7.40		0.105	1.00
309-00-2	Aldrin	7.51		0.160	1.00
60-57-1	Dieldrin	7.52		0.140	2.00
72-20-8	Endrin	7.54		0.170	2.00
50-29-3	4,4'-DDT	6.11		0.125	2.00

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a005.d
Report Date: 27-Jul-2006 08:29

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a005.d
Lab Smp Id: 392360
Inj Date : 25-JUL-2006 16:50
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392360*1 lcs
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:29 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

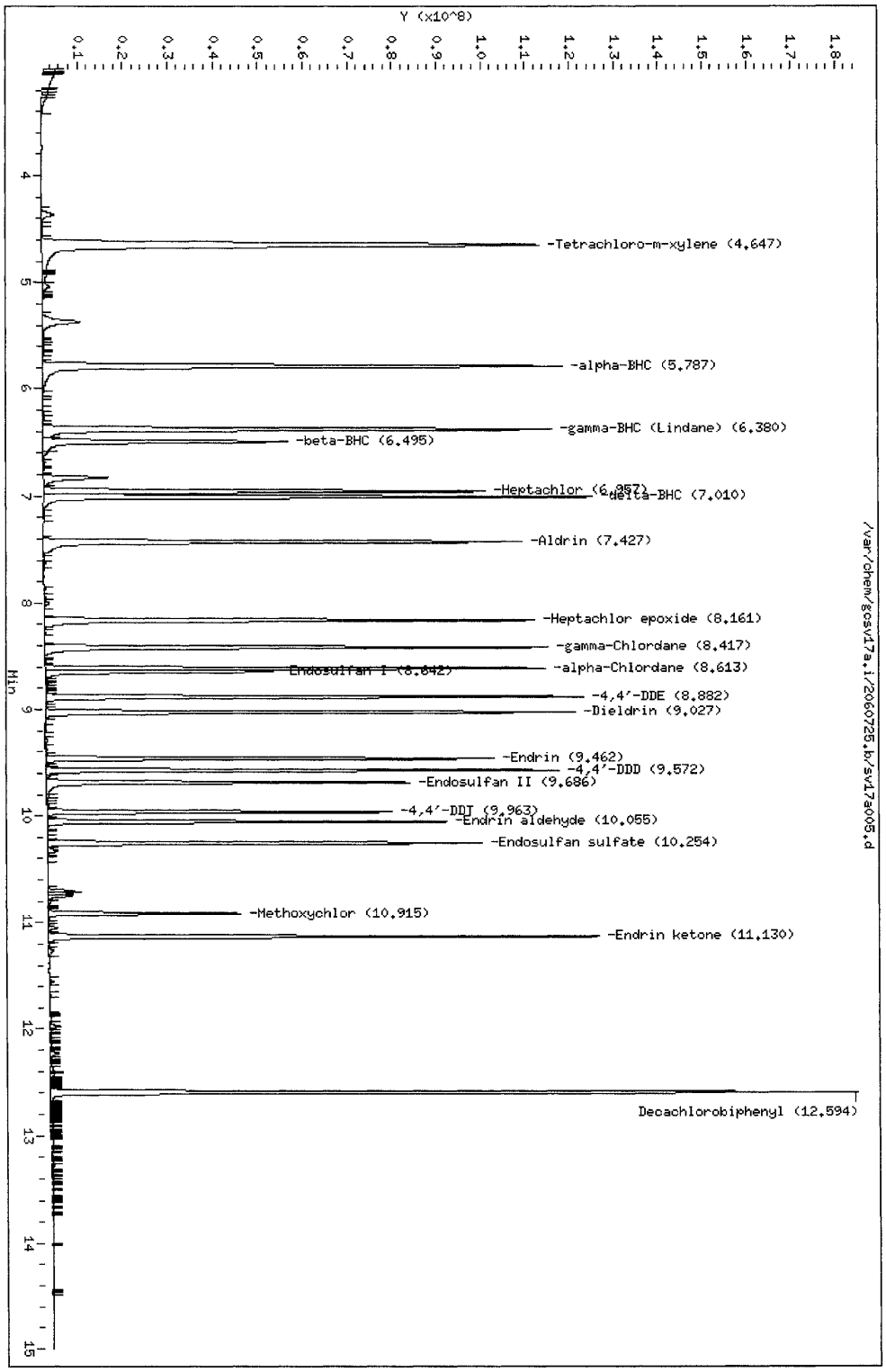
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.647	4.649	-0.002	345787709	84.8721	14
2 alpha-BHC	5.787	5.790	-0.003	248813821	45.0042	7.5
3 gamma-BHC (Lindane)	6.380	6.386	-0.006	215797968	44.8832	7.5
6 beta-BHC	6.495	6.499	-0.004	103471797	46.1535	7.7
4 Heptachlor	6.957	6.962	-0.005	175703153	44.3952	7.4
7 delta-BHC	7.010	7.017	-0.007	211128138	44.3288	7.4
5 Aldrin	7.427	7.435	-0.008	199397211	45.0304	7.5
8 Heptachlor epoxide	8.161	8.167	-0.006	186455049	47.6110	7.9
10 gamma-Chlordane	8.417	8.421	-0.004	188917055	46.9460	7.8
11 alpha-Chlordane	8.613	8.620	-0.007	180289386	48.0418	8.0
9 Endosulfan I	8.642	8.650	-0.008	71835727	19.8849	3.3
12 4,4'-DDE	8.882	8.889	-0.007	181263543	44.3509	7.4

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a005.d
Report Date: 27-Jul-2006 08:29

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/KG)
13 Dieldrin	9.027	9.034	-0.007	188069211	45.1422	7.5
14 Endrin	9.462	9.469	-0.007	150628155	45.2427	7.5
15 4,4'-DDD	9.572	9.579	-0.007	161625473	49.0139	8.2
16 Endosulfan II	9.686	9.694	-0.008	129293027	37.1322	6.2
17 4,4'-DDT	9.963	9.970	-0.007	106104790	36.6500	6.1
18 Endrin aldehyde	10.055	10.061	-0.006	131765836	45.0693	7.5
20 Endosulfan sulfate	10.254	10.261	-0.007	140417742	44.4620	7.4
19 Methoxychlor	10.915	10.921	-0.006	57692894	37.5976	6.3
21 Endrin ketone	11.130	11.138	-0.008	178891601	47.8420	8.0
$ 22 Decachlorobiphenyl	12.594	12.601	-0.007	267586310	85.7907	14

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a005.d
Date : 25-JUL-2006 16:50
Client ID:
Sample Info: 392360M1 Ics
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001519

189491

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328464 Analytical Batch: 328835

Sample ID: LCS392702
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 392702
Date Collected: Time:
Date Received:
Date Extracted: 07/21/06
Date Analyzed: 07/29/06 Time: 1229
Dilution Factor: 1 Analyst: HJL
Prep Method: 3510C
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060728/SV17A016

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.281		0.00211	0.025
319-85-7	beta-BHC	0.277		0.00424	0.025
319-86-8	delta-BHC	0.286		0.00232	0.025
1024-57-3	Heptachlor epoxide	0.304		0.00732	0.025
959-98-8	Endosulfan I	0.124		0.00277	0.025
72-55-9	4,4'-DDE	0.298		0.00556	0.050
33213-65-9	Endosulfan II	0.156		0.00778	0.050
72-54-8	4,4'-DDD	0.315		0.00196	0.050
1031-07-8	Endosulfan sulfate	0.302		0.00254	0.050
72-43-5	Methoxychlor	0.253		0.00214	0.250
53494-70-5	Endrin ketone	0.322		0.00426	0.050
7421-93-4	Endrin aldehyde	0.311		0.00484	0.050
5103-71-9	alpha-Chlordane	0.317		0.00274	0.025
5103-74-2	gamma-Chlordane	0.319		0.00542	0.025
58-89-9	gamma-BHC (Lindane)	0.285		0.00255	0.025
76-44-8	Heptachlor	0.274		0.00439	0.025
309-00-2	Aldrin	0.276		0.00261	0.025
60-57-1	Dieldrin	0.300		0.00471	0.050
72-20-8	Endrin	0.313		0.00832	0.050
50-29-3	4,4'-DDT	0.299		0.00583	0.050

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a016.d
Report Date: 30-Jul-2006 17:43

Gulf Coast Analytical Services

Data file : /var/chem/gcsv17a.i/2060728.b/sv17a016.d
Lab Smp Id: 392702
Inj Date : 29-JUL-2006 12:29
Operator : hjl Inst ID: gcsv17a.i
Smp Info : 392702*1 lcs
Misc Info : GCSV~9693~*
Comment :
Method : /var/chem/gcsv17a.i/2060728.b/pest35MS.m
Meth Date : 30-Jul-2006 17:27 hjl Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 16 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: hpchem

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

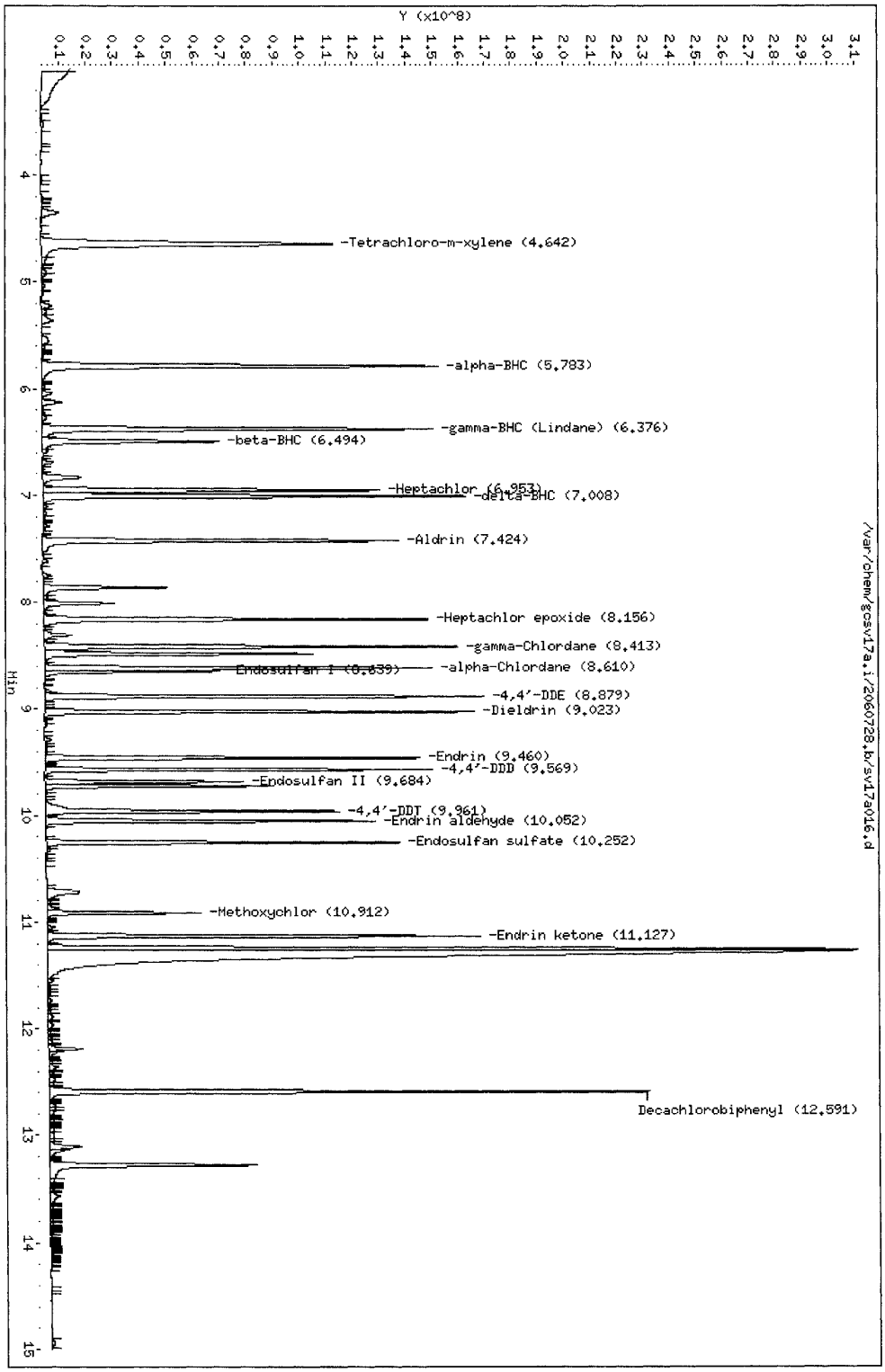
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
$ 1 Tetrachloro-m-xylene	4.642	4.649	-0.007	321466698	78.9026	0.39
2 alpha-BHC	5.783	5.790	-0.007	310943148	56.2418	0.28
3 gamma-BHC (Lindane)	6.376	6.386	-0.010	274347007	57.0607	0.29
6 beta-BHC	6.494	6.499	-0.005	124063794	55.3385	0.28
4 Heptachlor	6.953	6.962	-0.009	217263855	54.8965	0.27
7 delta-BHC	7.008	7.017	-0.009	272479672	57.2102	0.29
5 Aldrin	7.424	7.434	-0.010	243985782	55.1000	0.28
8 Heptachlor epoxide	8.156	8.167	-0.011	237762588	60.7123	0.30
10 gamma-Chlordane	8.413	8.421	-0.008	256595314	63.7640	0.32
11 alpha-Chlordane	8.610	8.604	0.006	237791689	63.3644	0.32
9 Endosulfan I	8.639	8.634	0.005	89813005	24.8612	0.12
12 4,4'-DDE	8.879	8.888	-0.009	243774304	59.6458	0.30
13 Dieldrin	9.023	9.034	-0.011	249917747	59.9877	0.30

Data File: /var/chem/gcsv17a.i/2060728.b/sv17a016.d
Report Date: 30-Jul-2006 17:43

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/L)
14 Endrin	9.460	9.469	-0.009	208197851	62.5344	0.31
15 4,4'-DDD	9.569	9.579	-0.010	207527641	62.9340	0.31
16 Endosulfan II	9.684	9.694	-0.010	108715245	31.2224	0.16
17 4,4'-DDT	9.961	9.970	-0.009	173028268	59.7662	0.30
18 Endrin aldehyde	10.052	10.060	-0.008	181758988	62.1690	0.31
20 Endosulfan sulfate	10.252	10.261	-0.009	191022890	60.4856	0.30
19 Methoxychlor	10.912	10.921	-0.009	77756348	50.6726	0.25
21 Endrin ketone	11.127	11.138	-0.011	241132605	64.4874	0.32
$ 22 Decachlorobiphenyl	12.591	12.600	-0.009	337993735	108.364	0.54

Data File: /var/chem/gcsv17a.i/20060728.b/sv17a016.d
Date : 29-JUL-2006 12:29
Client ID:
Sample Info: 392702M1 1os
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: hjl
Column diameter: 0.32



001523

189495

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: LCSD392361
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 392361
Date Collected: Time:
Date Received:
Date Extracted: 07/20/06
Date Analyzed: 07/25/06 Time: 1711
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A006

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	7.47		0.160	1.00
319-85-7	beta-BHC	8.03		0.270	2.00
319-86-8	delta-BHC	7.71		0.160	1.00
1024-57-3	Heptachlor epoxide	8.12		0.355	1.00
959-98-8	Endosulfan I	8.47		0.170	1.00
72-55-9	4,4'-DDE	7.83		0.325	2.00
33213-65-9	Endosulfan II	8.11		0.280	2.00
72-54-8	4,4'-DDD	8.90		0.235	2.00
1031-07-8	Endosulfan sulfate	7.95		0.265	2.00
72-43-5	Methoxychlor	6.29	J	0.625	10.0
53494-70-5	Endrin ketone	8.35		0.420	2.00
7421-93-4	Endrin aldehyde	7.48		0.335	2.00
5103-71-9	alpha-Chlordane	7.92		0.180	1.00
5103-74-2	gamma-Chlordane	7.88		0.220	1.00
58-89-9	gamma-BHC (Lindane)	7.66		0.315	1.00
76-44-8	Heptachlor	7.37		0.105	1.00
309-00-2	Aldrin	7.79		0.160	1.00
60-57-1	Dieldrin	7.97		0.140	2.00
72-20-8	Endrin	7.49		0.170	2.00
50-29-3	4,4'-DDT	6.30		0.125	2.00

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a006.d
Report Date: 27-Jul-2006 08:29

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a006.d
Lab Smp Id: 392361
Inj Date : 25-JUL-2006 17:11
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392361*1 lcsd
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:29 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 6 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

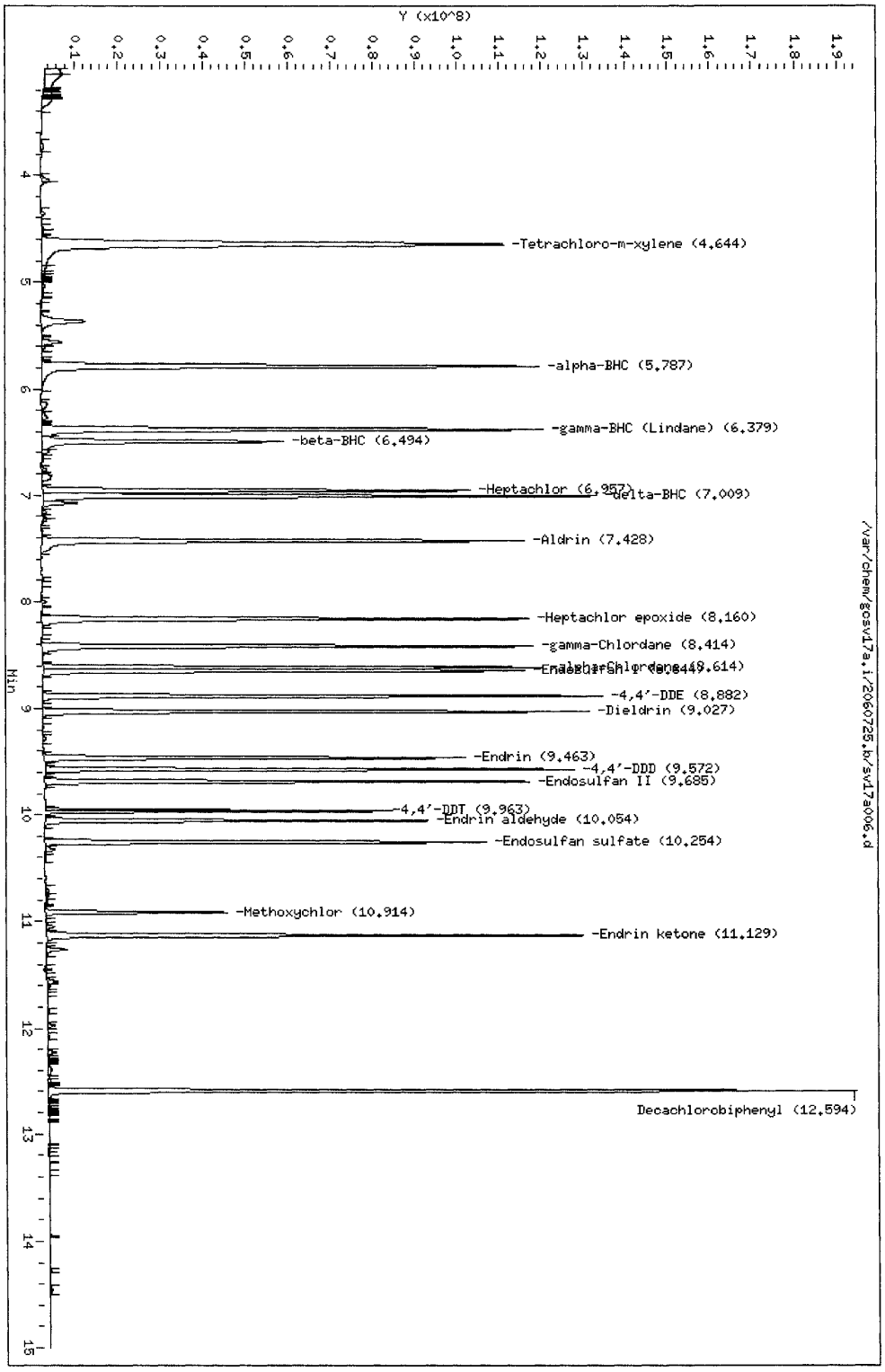
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.644	4.649	-0.005	327049078	80.2728	13
2 alpha-BHC	5.787	5.790	-0.003	247926936	44.8438	7.5
3 gamma-BHC (Lindane)	6.379	6.386	-0.007	221104781	45.9870	7.7
6 beta-BHC	6.494	6.499	-0.005	107975579	48.1624	8.0
4 Heptachlor	6.957	6.962	-0.005	174964074	44.2085	7.4
7 delta-BHC	7.009	7.017	-0.008	220198468	46.2332	7.7
5 Aldrin	7.428	7.435	-0.007	206895769	46.7239	7.8
8 Heptachlor epoxide	8.160	8.167	-0.007	190910566	48.7487	8.1
10 gamma-Chlordane	8.414	8.421	-0.007	190225035	47.2710	7.9
11 alpha-Chlordane	8.614	8.620	-0.006	178392135	47.5362	7.9
9 Endosulfan I	8.644	8.650	-0.006	183547949	50.8080	8.5
12 4,4'-DDE	8.882	8.889	-0.007	192109483	47.0046	7.8

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a006.d
Report Date: 27-Jul-2006 08:29

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
13 Dieldrin	9.027	9.034	-0.007	199163379	47.8051	8.0
14 Endrin	9.463	9.469	-0.006	149617588	44.9392	7.5
15 4,4'-DDD	9.572	9.579	-0.007	175997779	53.3723	8.9
16 Endosulfan II	9.685	9.694	-0.009	169358402	48.6387	8.1
17 4,4'-DDT	9.963	9.970	-0.007	52182675	18.0246	3.0
18 Endrin aldehyde	10.054	10.061	-0.007	131287064	44.9055	7.5
20 Endosulfan sulfate	10.254	10.261	-0.007	150707712	47.7202	8.0
19 Methoxychlor	10.914	10.921	-0.007	57946641	37.7629	6.3
21 Endrin ketone	11.129	11.138	-0.009	187321386	50.0964	8.3
$ 22 Decachlorobiphenyl	12.594	12.601	-0.007	279865247	89.7275	15

Data File: /var/chem/gcsv17a.i/20060725.b/sv17a006.d
Date : 25-JUL-2006 17:11
Client ID:
Sample Info: 392361*1 lcsd
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001527

189499

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SF3SB45-090-(1-2)MS
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200603
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1102
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A070

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	13.1		0.306	2.61
72-55-9	4,4'-DDE	16.2		0.424	2.61
50-29-3	4,4'-DDT	3.68		0.163	2.61
309-00-2	Aldrin	9.66		0.209	1.30
60-57-1	Dieldrin	10.6		0.183	2.61
959-98-8	Endosulfan I	10.1		0.222	1.30
33213-65-9	Endosulfan II	7.99		0.365	2.61
1031-07-8	Endosulfan sulfate	13.1		0.346	2.61
72-20-8	Endrin	36.6		0.222	2.61
7421-93-4	Endrin aldehyde	17.0		0.437	2.61
53494-70-5	Endrin ketone	12.1		0.548	2.61
76-44-8	Heptachlor	7.45		0.137	1.30
1024-57-3	Heptachlor epoxide	19.4		0.463	1.30
72-43-5	Methoxychlor	8.06	J	0.815	13.0
319-84-6	alpha-BHC	7.44		0.209	1.30
5103-71-9	alpha-Chlordane	14.6		0.235	1.30
319-85-7	beta-BHC	7.69		0.352	2.61
319-86-8	delta-BHC	7.57		0.209	1.30
58-89-9	gamma-BHC (Lindane)	36.5	E	0.411	1.30
5103-74-2	gamma-Chlordane	8.96		0.287	1.30

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a070.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a070.d
Lab Smp Id: 20607200603
Inj Date : 27-JUL-2006 11:02
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200603*1ms
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:01 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 70 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.654	4.649	0.005	329306597	80.8269	13
2 alpha-BHC	5.791	5.791	0.000	189130989	34.2091	5.6
3 gamma-BHC (Lindane)	6.384	6.386	-0.002	805615832	167.558	27(A)
6 beta-BHC	6.501	6.499	0.002	79351916	35.3948	5.8
4 Heptachlor	6.964	6.962	0.002	135690588	34.2852	5.6
7 delta-BHC	7.016	7.017	-0.001	165762052	34.8037	5.7
5 Aldrin	7.436	7.435	0.001	196908941	44.4685	7.3
8 Heptachlor epoxide	8.165	8.167	-0.002	349872540	89.3395	15
10 gamma-Chlordane	8.429	8.421	0.008	165988249	41.2481	6.8
11 alpha-Chlordane	8.629	8.604	0.025	251550130	67.0306	11(M)
9 Endosulfan I	8.642	8.634	0.008	167743040	46.4330	7.6(M)
12 4,4'-DDE	8.896	8.889	0.007	303405593	74.2361	12

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a070.d
Report Date: 31-Jul-2006 13:01

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
13 Dieldrin	9.040	9.034	0.006	203413329	48.8252	8.0
14 Endrin	9.490	9.469	0.021	561328827	168.601	28
15 4,4'-DDD	9.591	9.579	0.012	199473060	60.4914	9.9
16 Endosulfan II	9.700	9.694	0.006	128019629	36.7665	6.0
17 4,4'-DDT	9.984	9.970	0.014	49007340	16.9278	2.8
18 Endrin aldehyde	10.070	10.060	0.010	229001972	78.3280	13
20 Endosulfan sulfate	10.270	10.261	0.009	190914958	60.4515	9.9
19 Methoxychlor	10.935	10.921	0.014	56910239	37.0875	6.1
21 Endrin ketone	11.149	11.138	0.011	208936043	55.8769	9.2
$ 22 Decachlorobiphenyl	12.575	12.601	-0.026	765131204	245.308	40(AM)

QC Flag Legend

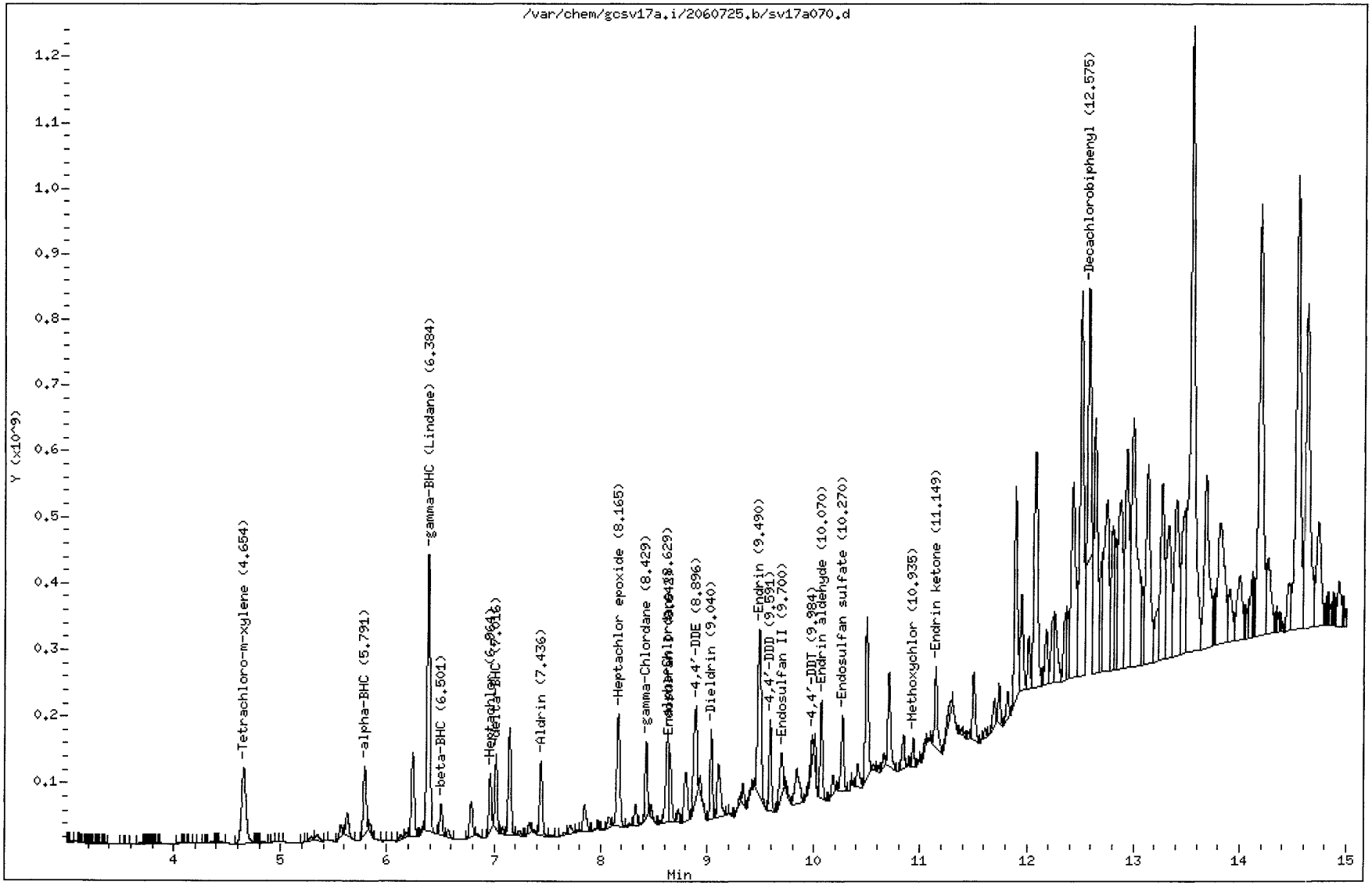
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a070.d
Date : 27-JUL-2006 11:02
Client ID:
Sample Info: 20607200603*1ms
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001531



189503

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 24.6 decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328410 Analytical Batch: 328877

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-090-(1-2)MSD

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 20607200604

Date Collected: 07/18/06 Time: 1625

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/27/06 Time: 1123

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8081

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A071

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	15.6		0.311	2.65
72-55-9	4,4'-DDE	25.2		0.431	2.65
50-29-3	4,4'-DDT	16.8		0.166	2.65
309-00-2	Aldrin	9.61		0.212	1.33
60-57-1	Dieldrin	12.8		0.186	2.65
959-98-8	Endosulfan I	10.8		0.225	1.33
33213-65-9	Endosulfan II	16.6		0.371	2.65
1031-07-8	Endosulfan sulfate	10.4		0.351	2.65
72-20-8	Endrin	16.4		0.225	2.65
7421-93-4	Endrin aldehyde	15.5		0.444	2.65
53494-70-5	Endrin ketone	10.2		0.557	2.65
76-44-8	Heptachlor	7.08		0.139	1.33
1024-57-3	Heptachlor epoxide	23.9	E	0.471	1.33
72-43-5	Methoxychlor	5.70	J	0.828	13.3
319-84-6	alpha-BHC	9.03		0.212	1.33
5103-71-9	alpha-Chlordane	16.2		0.239	1.33
319-85-7	beta-BHC	8.42		0.358	2.65
319-86-8	delta-BHC	8.01		0.212	1.33
58-89-9	gamma-BHC (Lindane)	8.84		0.418	1.33
5103-74-2	gamma-Chlordane	10.9		0.292	1.33

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a071.d
Report Date: 31-Jul-2006 13:01

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a071.d
Lab Smp Id: 20607200604
Inj Date : 27-JUL-2006 11:23
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200604*1ms
Misc Info : GCSV~9696~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:01 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 71 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.660	4.649	0.011	310057753	76.1023	13
2 alpha-BHC	5.795	5.791	0.004	226037210	40.8845	6.8
3 gamma-BHC (Lindane)	6.387	6.386	0.001	192285456	39.9929	6.7
6 beta-BHC	6.505	6.499	0.006	85427289	38.1048	6.4
4 Heptachlor	6.966	6.962	0.004	126881964	32.0595	5.3
7 delta-BHC	7.019	7.017	0.002	172731692	36.2670	6.0
5 Aldrin	7.438	7.435	0.003	192543518	43.4827	7.2
8 Heptachlor epoxide	8.165	8.167	-0.002	423140688	108.048	18(A)
10 gamma-Chlordane	8.430	8.421	0.009	199406886	49.5527	8.3
11 alpha-Chlordane	8.625	8.604	0.021	273672908	72.9257	12
9 Endosulfan I	8.650	8.634	0.016	176771322	48.9322	8.2
12 4,4'-DDE	8.892	8.889	0.003	465892926	113.993	19

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a071.d
Report Date: 31-Jul-2006 13:01

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
13 Dieldrin	9.041	9.034	0.007	240763905	57.7905	9.6(M)
14 Endrin	9.477	9.469	0.008	246880045	74.1530	12(M)
15 4,4'-DDD	9.590	9.579	0.011	233554950	70.8269	12(M)
16 Endosulfan II	9.701	9.694	0.007	260584372	74.8383	12
17 4,4'-DDT	9.983	9.970	0.013	220453519	76.1475	13
18 Endrin aldehyde	10.070	10.060	0.010	205016671	70.1240	12
20 Endosulfan sulfate	10.269	10.261	0.008	148971916	47.1706	7.9(M)
19 Methoxychlor	10.935	10.921	0.014	39607890	25.8118	4.3(M)
21 Endrin ketone	11.147	11.138	0.009	171894620	45.9707	7.7(M)
$ 22 Decachlorobiphenyl	12.569	12.601	-0.032	470342719	150.796	25(M)

QC Flag Legend

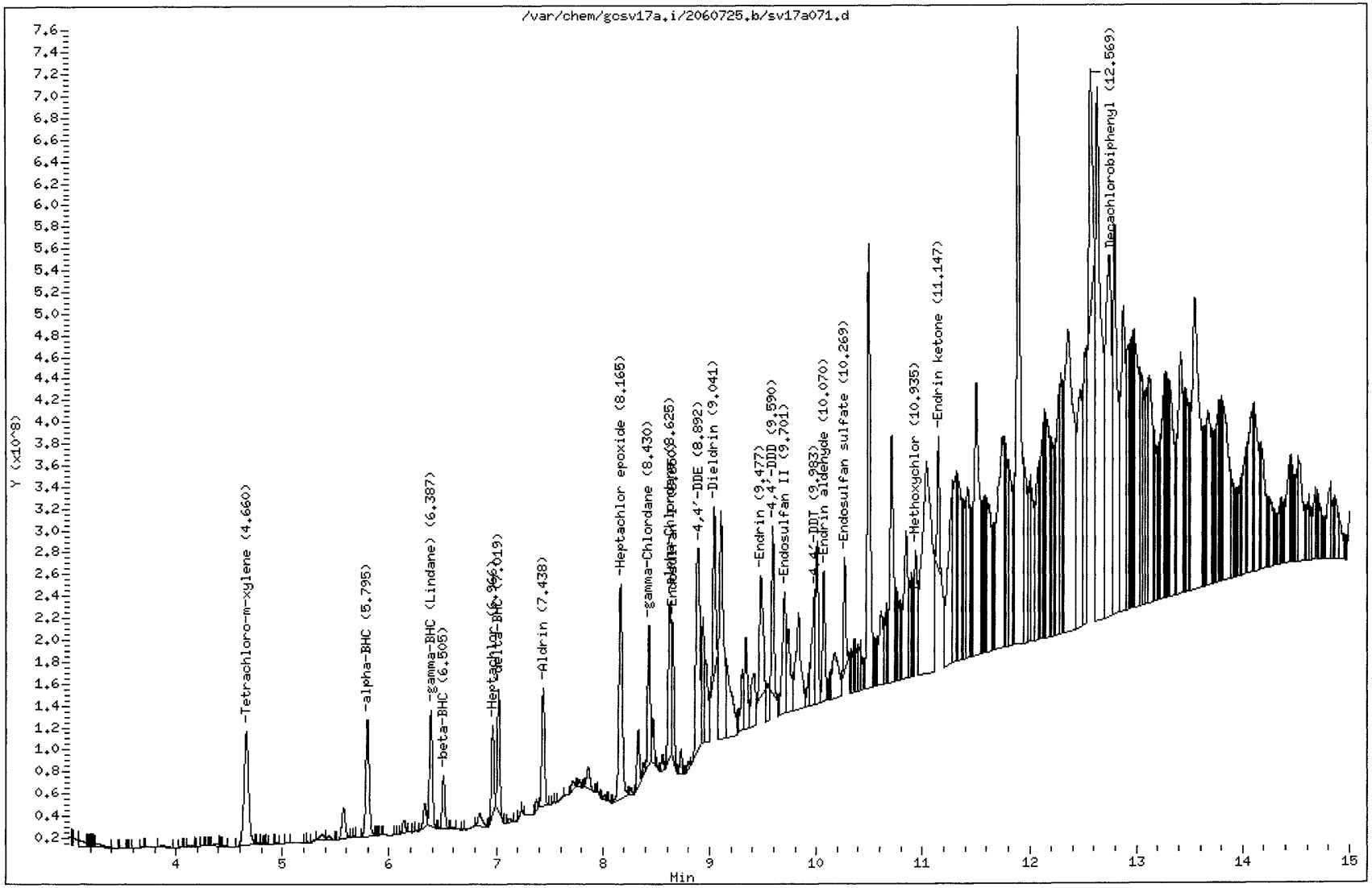
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a071.d
Date : 27-JUL-2006 11:23
Client ID:
Sample Info: 20607200604x1ms
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001535



189507

PESTICIDE SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	7-21-06 930/ 1430	BATCH NO:	328464
MATRIX:	WATER ☑ SOIL ☐ OTHER ☐	LEVEL:	LOW ☑ MEDIUM ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT mL g	FINAL VOLUME (mL)	Init pH	COMMENTS	METHOD
1	QC ACCOUNT	MB for HBN 328464 [EXTO/14254]	392701	1000	5.0	7	Pest	LIQUID LIQUID/3520
2	QC ACCOUNT	LCS for HBN 328464 [EXTO/14254	392702	1000	5.0	7		
3	QC ACCOUNT	LCSD for HBN 328464 [EXTO/1425	392703	1000	5.0	7		SEPARATORY FUNNEL/3510
4	4482	FB-503	20607200622	1000	5.0	7		✓
5	4482	FB-504	20607201919	1000	5.0	7		GPC CLEANUP/3640
6	4482	FB-505	20607210722	1000	5.0	7	1430	
7	4482	EB-501	20607210907	1000	5.0	7	1	SONICATOR/3550
8								
9								FLORISIL CLEANUP/3620
10								
11								PCB H2So4/3665A CLEANUP
12								
13								WASTE DILUTION/3580
14								
15								TCLP EXTRACTION FLUID 1
16								
17								TCLP EXTRACTION FLUID 2
18								
19								MECL2/Acetone No:
20								
21								ACETONE LOT NO:
22								
23								MECL2 Lot No:
24								C27E07
25								HEXANE Lot No:
26								B50E41
27								Sodium Sulfate Lot No:
28								C10592

7-21-6 DPA

COMMENTS: SAMPLE PREPARATION INCLUDE DETERMINATION OF SAMPLE VOLUME/WEIGHT, SOLVENT EXTRACTION AND EVAPORATION OF SOLVENT TO FINAL VOLUME

SURROGATE ID	10-27-2	8081 SPIKE ID		608 SPIKE ID	10-22-1	TECHNICIAN	DATE
VOLUME	1.0ml	VOLUME		VOLUME	250ml ~~0.5ml~~	Ralston Henderson	7-21-06
CONCENTRATION	0.5ug/ml	CONCENTRATION		CONCENTRATION	1.0 ug/ml		
ACID					7-21-6 DPA	SUPERVISOR	DATE
SPIKE WITNESS	SLJ					Jody Lucon	7-21-6

001536

189508

PESTICIDE SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	7-20-06 21:30	BATCH NO:	328410
MATRIX:	WATER ☐ SOIL ☑ OTHER ☐	LEVEL:	LOW ☑ MEDIUM ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT mL g	FINAL VOLUME (mL)	Init pH	COMMENTS	METHOD
1	QC ACCOUNT	MB for HBN 328410 [EXTO/14237]	392359	30.0	5.0		PEST	LIQUID LIQUID/3520
2	QC ACCOUNT	LCS for HBN 328410 [EXTO/14237	392360	30.0	5.0			
3	QC ACCOUNT	LCSD for HBN 328410 [EXTO/1423	392361	30.0	5.0			SEPARATORY FUNNEL/3510
4	4482	SF3SB45-089-(0-0.5)	20607200601	30.0	5.0			
5	4482	SF3SB45-090-(1-2)	20607200602	30.0	5.0			GPC CLEANUP/3640
6	4482	SF3SB45-090-(1-2)MS	20607200603	30.5	5.0			
7	4482	SF3SB45-090-(1-2)MSD	20607200604	30.0	5.0			SONICATOR/3550
8	4482	SI5SB74-147-(0-0.5)	20607200605	30.3	5.0			✓
9	4482	SI5SB74-148-(1-2)	20607200606	30.3	5.0			FLORISIL CLEANUP/3620
10	4482	SH4SB64-128-(1-2)	20607200607	30.1	5.0			
11	4482	SH4SB64-127-(0-0.5)	20607200608	30.0	5.0			PCB H2So4/3665A CLEANUP
12	4482	SF4SB46-091-(0-0.5)	20607200609	30.4	5.0			
13	4482	SF4SB46-092-(1-2)	20607200611	30.0	5.0			WASTE DILUTION/3580
14	4482	SG4SB56-112-(1-2)	20607200612	30.5	5.0			
15	4482	SG4SB56-111-(0-0.5)	20607200613	30.2	5.0			TCLP EXTRACTION FLUID 1
16	4482	SE3SB39-077-(0-0.5)	20607200614	30.5	5.0			
17	4482	SE3SB39-078-(1-2)	20607200615	30.0	5.0			TCLP EXTRACTION FLUID 2
18	4482	SH5SB66-131-(0-0.5)	20607200616	30.5	5.0			
19	4482	SH5SB66-130-(1-2)	20607200617	30.0	5.0			MECL2/Acetone No:
20			20607151519	30.3	5.0			C06E11
21								ACETONE LOT NO:
22								
23								MECL2 Lot No:
24				SKB 07/24/06				
25								HEXANE Lot No:
26								C22E22
27								Sodium Sulfate Lot No:
28								B29465

COMMENTS: SAMPLE PREPARATION INCLUDE DETERMINATION OF SAMPLE VOLUME/WEIGHT, SOLVENT EXTRACTION AND EVAPORATION OF SOLVENT TO FINAL VOLUME

SURROGATE ID	10-27-2	8081 SPIKE ID		608 SPIKE ID	10-22-1	TECHNICIAN	DATE
VOLUME	1.0 mL	VOLUME		VOLUME	250 ul	Lionel Thomas	7-20-06
CONCENTRATION	0.5 ug/mL	CONCENTRATION		CONCENTRATION	1.0 ug/mL		
ACID						SUPERVISOR	DATE
SPIKE WITNESS	DMH					John Bailey	07/24/06

001537

189509

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/01/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060720.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17a001.d	1000.00 ml	20-JUL-2006 17:35	1.000	tls	1	deg
1206		sv17a002.d	1000.00 ml	20-JUL-2006 17:56	1.000	tls	2	8081
1201		sv17a003.d	1000.00 ml	20-JUL-2006 18:17	1.000	tls	3	8081
1202		sv17a004.d	1000.00 ml	20-JUL-2006 18:38	1.000	tls	4	8081
1203		sv17a005.d	1000.00 ml	20-JUL-2006 18:59	1.000	tls	5	8081
1204		sv17a006.d	1000.00 ml	20-JUL-2006 19:20	1.000	tls	6	8081
1205		sv17a007.d	1000.00 ml	20-JUL-2006 19:41	1.000	tls	7	8081
1600		sv17a008.d	1.00 ml	20-JUL-2006 20:02	1.000	tls	8	8081
1205		sv17a009.d	1000.00 ml	20-JUL-2006 20:23	1.000	tls	9	chlor
1201		sv17a010.d	1000.00 ml	20-JUL-2006 20:44	1.000	tls	10	tox
1205		sv17a011.d	1000.00 ml	20-JUL-2006 21:05	1.000	tls	11	tox
1203		sv17a012.d	1000.00 ml	20-JUL-2006 21:26	1.000	tls	12	aro1221
1203		sv17a013.d	1000.00 ml	20-JUL-2006 21:47	1.000	tls	13	aro1232
1203		sv17a014.d	1000.00 ml	20-JUL-2006 22:09	1.000	tls	14	aro1242
1203		sv17a015.d	1000.00 ml	20-JUL-2006 22:30	1.000	tls	15	aro1248
1203		sv17a016.d	1000.00 ml	20-JUL-2006 22:51	1.000	tls	16	aro1254
1206		sv17a017.d	1000.00 ml	20-JUL-2006 23:12	1.000	tls	17	aro1260
1201		sv17a018.d	1000.00 ml	20-JUL-2006 23:32	1.000	tls	18	aro1260
1202		sv17a019.d	1000.00 ml	20-JUL-2006 23:54	1.000	tls	19	aro1260
1203		sv17a020.d	1000.00 ml	21-JUL-2006 00:15	1.000	tls	20	aro1260
1204		sv17a021.d	1000.00 ml	21-JUL-2006 00:36	1.000	tls	21	aro1260
1205		sv17a022.d	1000.00 ml	21-JUL-2006 00:57	1.000	tls	22	aro1260
1600		sv17a023.d	1.00 ml	21-JUL-2006 01:18	1.000	tls	23	aro1260
deg		sv17a024.d	1000.00 ml	21-JUL-2006 01:39	1.000	tls	24	deg
392211		sv17a025.d	1000.00 ml	21-JUL-2006 02:00	1.000	tls	25	all
392209		sv17a026.d	1000.00 ml	21-JUL-2006 02:21	1.000	tls	26	8081
392210		sv17a027.d	1000.00 ml	21-JUL-2006 02:42	1.000	tls	27	8081
392212		sv17a028.d	1000.00 ml	21-JUL-2006 03:03	1.000	tls	28	ar1260s
392213		sv17a029.d	1000.00 ml	21-JUL-2006 03:24	1.000	tls	29	ar1260s
20607191509		sv17a030.d	1000.00 ml	21-JUL-2006 03:45	1.000	tls	30	all
20607191510		sv17a031.d	1000.00 ml	21-JUL-2006 04:06	1.000	tls	31	all
20607191614		sv17a032.d	1000.00 ml	21-JUL-2006 04:27	1.000	tls	32	all
20607191616		sv17a033.d	1000.00 ml	21-JUL-2006 04:48	1.000	tls	33	all
1400		sv17a034.d	1000.00 ml	21-JUL-2006 05:09	1.000	tls	34	8081
1400		sv17a035.d	1000.00 ml	21-JUL-2006 05:30	1.000	tls	35	8081
1400		sv17a036.d	1000.00 ml	21-JUL-2006 05:51	1.000	tls	36	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/01/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060720.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
391388		sv17a037.d	1000.00 ml	21-JUL-2006 06:12	1.000	tls	37	all
391385		sv17a038.d	1000.00 ml	21-JUL-2006 06:33	1.000	tls	38	8081
391386		sv17a039.d	1000.00 ml	21-JUL-2006 06:54	1.000	tls	39	8081
391389		sv17a040.d	1000.00 ml	21-JUL-2006 07:15	1.000	tls	40	ar1260s
391390		sv17a041.d	1000.00 ml	21-JUL-2006 07:36	1.000	tls	41	ar1260s
20607144101		sv17a042.d	1000.00 ml	21-JUL-2006 07:57	1.000	tls	42	all
20607183501		sv17a043.d	1000.00 ml	21-JUL-2006 08:18	1.000	tls	43	pcb
1400		sv17a044.d	1000.00 ml	21-JUL-2006 08:39	1.000	tls	44	8081
1400		sv17a045.d	1000.00 ml	21-JUL-2006 09:00	1.000	tls	45	8081
1400		sv17a046.d	1000.00 ml	21-JUL-2006 09:21	1.000	tls	46	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/14/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060723.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17a001.d	1000.00 ml	23-JUL-2006 12:38	1.000	tls	1	deg
1400		sv17a002.d	1000.00 ml	23-JUL-2006 12:59	1.000	tls	2	8081
1400		sv17a003.d	1000.00 ml	23-JUL-2006 13:20	1.000	tls	3	aro1260
393150		sv17a004.d	1000.00 ml	23-JUL-2006 16:24	1.000	tls	4	all
393148		sv17a005.d	1000.00 ml	23-JUL-2006 16:45	1.000	tls	5	8081
393148		sv17a006.d	1000.00 ml	23-JUL-2006 17:06	1.000	tls	6	8081
393151		sv17a007.d	1000.00 ml	23-JUL-2006 17:27	1.000	tls	7	ar1260s
393152		sv17a008.d	1000.00 ml	23-JUL-2006 17:48	1.000	tls	8	ar1260s
20607202501		sv17a009.d	100.00 ml	23-JUL-2006 18:09	1.000	tls	9	pest
20607213101		sv17a010.d	1000.00 ml	23-JUL-2006 18:30	1.000	tls	10	all
20607213102		sv17a011.d	1000.00 ml	23-JUL-2006 18:51	1.000	tls	11	all
20607213103		sv17a012.d	1000.00 ml	23-JUL-2006 19:12	1.000	tls	12	all
20607213104		sv17a013.d	1000.00 ml	23-JUL-2006 19:33	1.000	tls	13	all
1400		sv17a014.d	1000.00 ml	23-JUL-2006 19:54	1.000	tls	14	8081
1400		sv17a015.d	1000.00 ml	23-JUL-2006 20:15	1.000	tls	15	8081
1400		sv17a016.d	1000.00 ml	23-JUL-2006 20:36	1.000	tls	16	aro1260
20607213105		sv17a017.d	1000.00 ml	23-JUL-2006 20:57	1.000	tls	17	all
20607213106		sv17a018.d	1000.00 ml	23-JUL-2006 21:18	1.000	tls	18	all
20607213107		sv17a019.d	1000.00 ml	23-JUL-2006 21:39	1.000	tls	19	all
20607213108		sv17a020.d	1000.00 ml	23-JUL-2006 22:00	1.000	tls	20	all
20607213109		sv17a021.d	1000.00 ml	23-JUL-2006 22:21	1.000	tls	21	8081
20607213110		sv17a022.d	1000.00 ml	23-JUL-2006 22:42	1.000	tls	22	8081
20607213109		sv17a023.d	1000.00 ml	23-JUL-2006 23:03	1.000	tls	23	ar1260s
20607213110		sv17a024.d	1000.00 ml	23-JUL-2006 23:24	1.000	tls	24	ar1260s
20607213301		sv17a025.d	1000.00 ml	23-JUL-2006 23:45	1.000	tls	25	all
20607213302		sv17a026.d	1000.00 ml	24-JUL-2006 00:06	1.000	tls	26	all
1400		sv17a027.d	1000.00 ml	24-JUL-2006 00:27	1.000	tls	27	8081
1400		sv17a028.d	1000.00 ml	24-JUL-2006 00:48	1.000	tls	28	8081
1400		sv17a029.d	1000.00 ml	24-JUL-2006 01:09	1.000	tls	29	aro1260
deg		sv17a030.d	1000.00 ml	24-JUL-2006 01:30	1.000	tls	30	deg
tblk		sv17a031.d	100.00 ml	24-JUL-2006 01:51	1.000	tls	31	pest
392704		sv17a032.d	1000.00 ml	24-JUL-2006 02:12	1.000	tls	32	all
392702		sv17a033.d	1000.00 ml	24-JUL-2006 02:33	1.000	tls	33	8081
392703		sv17a034.d	1000.00 ml	24-JUL-2006 02:54	1.000	tls	34	8081
392705		sv17a035.d	1000.00 ml	24-JUL-2006 03:15	1.000	tls	35	ar1260s
392706		sv17a036.d	1000.00 ml	24-JUL-2006 03:36	1.000	tls	36	ar1260s

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/14/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060723.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
20607200622		sv17a037.d	1000.00 ml	24-JUL-2006 03:57	1.000	tls	37	all
20607201919		sv17a038.d	1000.00 ml	24-JUL-2006 04:18	1.000	tls	38	all
20607210722		sv17a039.d	1000.00 ml	24-JUL-2006 04:39	1.000	tls	39	all
20607210907		sv17a040.d	1000.00 ml	24-JUL-2006 05:00	1.000	tls	40	all
1400		sv17a041.d	1000.00 ml	24-JUL-2006 05:21	1.000	tls	41	8081
1400		sv17a042.d	1000.00 ml	24-JUL-2006 05:42	1.000	tls	42	8081
1400		sv17a043.d	1000.00 ml	24-JUL-2006 06:03	1.000	tls	43	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 07/31/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060725.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17a001.d	1000.00 ml	25-JUL-2006 14:28	1.000	tls	1	deg
1400		sv17a002.d	1000.00 ml	25-JUL-2006 14:49	1.000	tls	2	8081
1400		sv17a003.d	1000.00 ml	25-JUL-2006 15:10	1.000	tls	3	aro1260
392362		sv17a004.d	30.00 g	25-JUL-2006 16:29	1.000	tls	4	all
392360		sv17a005.d	30.00 g	25-JUL-2006 16:50	1.000	tls	5	8081
392361		sv17a006.d	30.00 g	25-JUL-2006 17:11	1.000	tls	6	8081
392363		sv17a007.d	30.00 g	25-JUL-2006 17:32	1.000	tls	7	ar1260s
392364		sv17a008.d	30.00 g	25-JUL-2006 17:53	1.000	tls	8	ar1260s
1400		sv17a009.d	1000.00 ml	25-JUL-2006 18:14	1.000	tls	9	8081
1400		sv17a010.d	1000.00 ml	25-JUL-2006 18:35	1.000	tls	10	8081
1400		sv17a011.d	1000.00 ml	25-JUL-2006 18:56	1.000	tls	11	aro1260
20607191527		sv17a012.d	30.00 g	25-JUL-2006 19:17	1.000	tls	12	all
1400		sv17a026.d	30.00 g	26-JUL-2006 00:11	1.000	tls	26	8081
1400		sv17a027.d	1000.00 ml	26-JUL-2006 00:32	1.000	tls	27	8081
1400		sv17a028.d	1000.00 ml	26-JUL-2006 00:53	1.000	tls	28	aro1260
deg		sv17a048.d	1000.00 ml	26-JUL-2006 08:55	1.000	tls	48	deg
1400		sv17a049.d	1000.00 ml	26-JUL-2006 10:29	1.000	tls	49	8081
1400		sv17a050.d	1000.00 ml	26-JUL-2006 11:11	1.000	tls	50	aro1260
20607191527		sv17a051.d	30.00 g	26-JUL-2006 12:00	1.000	tls	51	all
20607151519		sv17a052.d	30.30 g	26-JUL-2006 12:21	1.000	tls	52	all
1400		sv17a053.d	1000.00 ml	26-JUL-2006 12:43	1.000	tls	53	8081
1400		sv17a054.d	1000.00 ml	26-JUL-2006 13:09	1.000	tls	54	8081
1400		sv17a055.d	1000.00 ml	26-JUL-2006 13:30	1.000	tls	55	aro1260
20607200605		sv17a056.d	30.30 g	26-JUL-2006 14:17	1.000	tls	56	all
20607200606		sv17a057.d	30.30 g	26-JUL-2006 14:37	1.000	tls	57	all
20607200615		sv17a058.d	30.00 g	26-JUL-2006 14:58	1.000	tls	58	all
20607200617		sv17a059.d	30.00 g	26-JUL-2006 15:20	1.000	tls	59	all
1400		sv17a060.d	1000.00 ml	26-JUL-2006 15:40	1.000	tls	60	8081
1400		sv17a061.d	1000.00 ml	26-JUL-2006 16:22	1.000	tls	61	8081
1400		sv17a062.d	1000.00 ml	26-JUL-2006 16:47	1.000	tls	62	aro1260
deg		sv17a063.d	1000.00 ml	27-JUL-2006 08:03	1.000	tls	63	deg
1400		sv17a064.d	1000.00 ml	27-JUL-2006 08:24	1.000	tls	64	8081
1400		sv17a065.d	1000.00 ml	27-JUL-2006 08:45	1.000	tls	65	aro1260
20607200620		sv17a066.d	30.00 g	27-JUL-2006 09:38	1.000	tls	66	pcb
20607200621		sv17a067.d	30.00 g	27-JUL-2006 09:59	1.000	tls	67	pcb
20607200618		sv17a068.d	30.00 g	27-JUL-2006 10:20	1.000	tls	68	pcb

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 07/31/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060725.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
20607200619		sv17a069.d	30.00 g	27-JUL-2006 10:41	1.000	tls	69	pcb
20607200603		sv17a070.d	30.50 g	27-JUL-2006 11:02	1.000	tls	70	8081
20607200604		sv17a071.d	30.00 g	27-JUL-2006 11:23	1.000	tls	71	8081
20607200603		sv17a072.d	30.00 g	27-JUL-2006 11:44	1.000	tls	72	ar1260s
20607200604		sv17a073.d	30.00 g	27-JUL-2006 12:05	1.000	tls	73	ar1260s
20607200607		sv17a074.d	30.10 g	27-JUL-2006 12:26	1.000	tls	74	all
20607200608		sv17a075.d	30.00 g	27-JUL-2006 12:47	1.000	tls	75	all
1400		sv17a076.d	1000.00 ml	27-JUL-2006 13:08	1.000	tls	76	8081
1400		sv17a077.d	1000.00 ml	27-JUL-2006 14:21	1.000	tls	77	8081
1400		sv17a078.d	1000.00 ml	27-JUL-2006 14:43	1.000	tls	78	aro1260
20607200609		sv17a079.d	30.40 g	27-JUL-2006 15:17	1.000	tls	79	all
20607200611		sv17a080.d	30.00 g	27-JUL-2006 15:38	1.000	tls	80	all
20607200601		sv17a081.d	30.00 g	27-JUL-2006 15:59	1.000	tls	81	all
1400		sv17a082.d	1000.00 ml	27-JUL-2006 16:42	1.000	tls	82	8081
1400		sv17a083.d	1000.00 ml	27-JUL-2006 18:06	1.000	tls	83	8081
1400		sv17a084.d	1000.00 ml	27-JUL-2006 18:27	1.000	tls	84	aro1260
deg		sv17a085.d	1000.00 ml	28-JUL-2006 08:46	1.000	tls	85	deg
1400		sv17a086.d	1000.00 ml	28-JUL-2006 09:07	1.000	tls	86	8081
1400		sv17a087.d	1000.00 ml	28-JUL-2006 09:28	1.000	tls	87	aro1260
20607200602		sv17a088.d	30.00 g	28-JUL-2006 10:16	1.000	tls	88	all
20607200612		sv17a089.d	30.50 g	28-JUL-2006 10:37	1.000	tls	89	all
20607200613		sv17a090.d	30.20 g	28-JUL-2006 10:58	1.000	tls	90	all
20607200614		sv17a091.d	30.40 g	28-JUL-2006 11:19	1.000	tls	91	all
20607200616		sv17a092.d	30.50 g	28-JUL-2006 11:40	1.000	tls	92	all
20607200612		sv17a093.d	30.50 g	28-JUL-2006 12:01	10.000	tls	93	all
20607200611		sv17a094.d	30.00 g	28-JUL-2006 12:44	10.000	tls	94	all
20607200615		sv17a095.d	30.00 g	28-JUL-2006 13:06	10.000	tls	95	all
1400		sv17a096.d	1000.00 ml	28-JUL-2006 13:27	1.000	tls	96	8081
1400		sv17a097.d	1000.00 ml	28-JUL-2006 15:02	1.000	tls	97	8081
1400		sv17a098.d	1000.00 ml	28-JUL-2006 15:26	1.000	tls	98	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/03/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060728.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060728.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17a001.d	1000.00 ml	28-JUL-2006 16:11	1.000	tls	1	deg
1400		sv17a002.d	1000.00 ml	28-JUL-2006 16:32	1.000	tls	2	8081
1400		sv17a003.d	30.00 g	28-JUL-2006 16:53	1.000	hjl	3	aro1260
392533		sv17a004.d	30.00 g	28-JUL-2006 17:14	1.000	tls	4	all
392530		sv17a005.d	30.00 g	28-JUL-2006 17:35	1.000	tls	5	8081
392531		sv17a006.d	30.00 g	28-JUL-2006 17:56	1.000	tls	6	8081
392534		sv17a007.d	30.00 g	28-JUL-2006 18:17	1.000	tls	7	ar1260s
392535		sv17a008.d	30.00 g	28-JUL-2006 18:38	1.000	tls	8	ar1260s
1400		sv17a009.d	30.00 g	28-JUL-2006 18:59	1.000	hjl	9	8081
1400		sv17a010.d	30.00 g	28-JUL-2006 19:20	1.000	hjl	10	aro1260
deg		sv17a012.d	30.00 g	29-JUL-2006 10:32	1.000	hjl	12	deg
1400		sv17a013.d	30.00 g	29-JUL-2006 10:53	1.000	hjl	13	8081
1400		sv17a014.d	30.00 g	29-JUL-2006 11:14	1.000	hjl	14	aro1260
391749		sv17a015.d	30.00 g	29-JUL-2006 12:08	1.000	hjl	15	8081
392702		sv17a016.d	1000.00 ml	29-JUL-2006 12:29	1.000	hjl	16	8081
20607201904		sv17a017.d	30.10 g	29-JUL-2006 12:50	1.000	hjl	17	all
20607201905		sv17a018.d	30.50 g	29-JUL-2006 13:11	1.000	hjl	18	ar1260s
20607201906		sv17a019.d	30.10 g	29-JUL-2006 13:31	1.000	hjl	19	ar1260s
20607201916		sv17a020.d	30.00 g	29-JUL-2006 13:53	1.000	hjl	20	all
20607201917		sv17a021.d	30.50 g	29-JUL-2006 14:14	1.000	hjl	21	all
20607201918		sv17a022.d	30.30 g	29-JUL-2006 14:34	1.000	hjl	22	all
20607202101		sv17a023.d	30.10 g	29-JUL-2006 14:56	1.000	hjl	23	all
20607202102		sv17a024.d	30.40 g	29-JUL-2006 15:17	1.000	hjl	24	all
1400		sv17a025.d	30.00 g	29-JUL-2006 15:37	1.000	hjl	25	8081
1400		sv17a026.d	30.00 g	29-JUL-2006 15:59	1.000	hjl	26	aro1260
1400		sv17a027.d	30.00 g	29-JUL-2006 17:21	1.000	hjl	27	8081
deg		sv17a028.d	30.00 g	30-JUL-2006 10:47	1.000	hjl	28	deg
1400		sv17a029.d	30.00 g	30-JUL-2006 11:08	1.000	hjl	29	8081
1400		sv17a030.d	30.00 g	30-JUL-2006 11:29	1.000	hjl	30	aro1260
20607202103		sv17a031.d	30.20 g	30-JUL-2006 12:33	1.000	tls	31	all
20607202104		sv17a032.d	30.30 g	30-JUL-2006 12:54	1.000	tls	32	all
20607202105		sv17a033.d	30.10 g	30-JUL-2006 13:15	1.000	tls	33	all
20607202106		sv17a034.d	30.40 g	30-JUL-2006 13:36	1.000	tls	34	all
20607202107		sv17a035.d	30.20 g	30-JUL-2006 13:57	1.000	tls	35	all
1400		sv17a036.d	30.00 g	30-JUL-2006 14:18	1.000	hjl	36	8081
1400		sv17a037.d	30.00 g	30-JUL-2006 14:39	1.000	hjl	37	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/03/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060728.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060728.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
1400		sv17a038.d	30.00 g	30-JUL-2006 18:32	1.000	hjl	36	8081
20607202108		sv17a039.d	30.30 g	30-JUL-2006 19:01	1.000	tls	38	all
20607202109		sv17a040.d	30.40 g	30-JUL-2006 19:21	1.000	tls	39	all
20607202110		sv17a041.d	30.30 g	30-JUL-2006 19:43	1.000	tls	40	all
20607202111		sv17a042.d	30.40 g	30-JUL-2006 20:03	1.000	tls	41	all
20607202113		sv17a043.d	30.30 g	30-JUL-2006 20:24	1.000	tls	42	all
20607202114		sv17a044.d	30.20 g	30-JUL-2006 20:46	1.000	tls	43	all
20607202115		sv17a045.d	30.30 g	30-JUL-2006 21:06	1.000	tls	44	all
1400		sv17a046.d	30.00 g	30-JUL-2006 21:27	1.000	tls	45	8081
1400		sv17a047.d	1000.00 ml	30-JUL-2006 21:49	1.000	tls	46	8081
1400		sv17a048.d	1000.00 ml	30-JUL-2006 22:09	1.000	tls	47	aro1260
deg		sv17a049.d	1000.00 ml	31-JUL-2006 09:54	1.000	tls	49	deg
1400		sv17a050.d	1000.00 ml	31-JUL-2006 10:15	1.000	tls	50	8081
1400		sv17a051.d	1000.00 ml	31-JUL-2006 10:36	1.000	tls	51	aro1260
20607202108		sv17a052.d	30.30 g	31-JUL-2006 11:31	1.000	tls	52	all
20607202109		sv17a053.d	30.40 g	31-JUL-2006 11:52	1.000	tls	53	all
20607202110		sv17a054.d	30.30 g	31-JUL-2006 12:13	1.000	tls	54	all
20607202111		sv17a055.d	30.40 g	31-JUL-2006 12:34	1.000	tls	55	all
20607202113		sv17a056.d	30.30 g	31-JUL-2006 12:55	1.000	tls	56	all
20607202114		sv17a057.d	30.20 g	31-JUL-2006 13:16	1.000	tls	57	all
20607202115		sv17a058.d	30.30 g	31-JUL-2006 13:37	1.000	tls	58	all
1400		sv17a059.d	1000.00 ml	31-JUL-2006 13:58	1.000	tls	59	8081
1400		sv17a060.d	1000.00 ml	31-JUL-2006 15:04	1.000	tls	60	8081
1400		sv17a061.d	1000.00 ml	31-JUL-2006 15:25	1.000	tls	61	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/04/2006
Instrument: gcsv17b.i
Method File: /var/chem/gcsv17b.i/2060720.b/pestXLB.m
Batch: /var/chem/gcsv17b.i/2060720.b
Column-Detector: RTX-XLB-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17b001.d	1000.00 ml	20-JUL-2006 17:56	1.000	tls	1	deg
1206		sv17b002.d	1000.00 ml	20-JUL-2006 18:17	1.000	tls	2	8081
1201		sv17b003.d	1000.00 ml	20-JUL-2006 18:38	1.000	tls	3	8081
1202		sv17b004.d	1000.00 ml	20-JUL-2006 18:59	1.000	tls	4	8081
1203		sv17b005.d	1000.00 ml	20-JUL-2006 19:20	1.000	tls	5	8081
1204		sv17b006.d	1000.00 ml	20-JUL-2006 19:41	1.000	tls	6	8081
1205		sv17b007.d	1000.00 ml	20-JUL-2006 20:02	1.000	tls	7	8081
1600		sv17b008.d	1.00 ml	20-JUL-2006 20:23	1.000	tls	8	8081
1205		sv17b009.d	1000.00 ml	20-JUL-2006 20:44	1.000	tls	9	chlor
1201		sv17b010.d	1000.00 ml	20-JUL-2006 21:05	1.000	tls	10	tox
1205		sv17b011.d	1000.00 ml	20-JUL-2006 21:26	1.000	tls	11	tox
1203		sv17b012.d	1000.00 ml	20-JUL-2006 21:47	1.000	tls	12	aro1221
1203		sv17b013.d	1000.00 ml	20-JUL-2006 22:09	1.000	tls	13	aro1232
1203		sv17b014.d	1000.00 ml	20-JUL-2006 22:30	1.000	tls	14	aro1242
1203		sv17b015.d	1000.00 ml	20-JUL-2006 22:51	1.000	tls	15	aro1248
1203		sv17b016.d	1000.00 ml	20-JUL-2006 23:12	1.000	tls	16	aro1254
1206		sv17b017.d	1000.00 ml	20-JUL-2006 23:32	1.000	tls	17	aro1260
1201		sv17b018.d	1000.00 ml	20-JUL-2006 23:54	1.000	tls	18	aro1260
1202		sv17b019.d	1000.00 ml	21-JUL-2006 00:15	1.000	tls	19	aro1260
1203		sv17b020.d	1000.00 ml	21-JUL-2006 00:36	1.000	tls	20	aro1260
1204		sv17b021.d	1000.00 ml	21-JUL-2006 00:57	1.000	tls	21	aro1260
1205		sv17b022.d	1000.00 ml	21-JUL-2006 01:18	1.000	tls	22	aro1260
1600		sv17b023.d	1.00 ml	21-JUL-2006 01:39	1.000	tls	23	aro1260
deg		sv17b024.d	1000.00 ml	21-JUL-2006 02:00	1.000	tls	24	deg
20607191509		sv17b030.d	1000.00 ml	21-JUL-2006 04:06	1.000	tls	30	8081
20607191510		sv17b031.d	1000.00 ml	21-JUL-2006 04:27	1.000	tls	31	8081
20607191614		sv17b032.d	1000.00 ml	21-JUL-2006 04:48	1.000	tls	32	8081
1400		sv17b034.d	1000.00 ml	21-JUL-2006 05:30	1.000	tls	34	8081
1400		sv17b035.d	1000.00 ml	21-JUL-2006 05:51	1.000	tls	35	8081
1400		sv17b036.d	1000.00 ml	21-JUL-2006 06:12	1.000	tls	36	aro1260
20607144101		sv17b042.d	1000.00 ml	21-JUL-2006 08:18	1.000	tls	42	8081
1400		sv17b044.d	1000.00 ml	21-JUL-2006 09:00	1.000	tls	44	8081
1400		sv17b045.d	1000.00 ml	21-JUL-2006 09:21	1.000	tls	45	8081
1400		sv17b046.d	1000.00 ml	21-JUL-2006 09:42	1.000	tls	46	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/04/2006
Instrument: gcsv17b.i
Method File: /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Batch: /var/chem/gcsv17b.i/2060725.b
Column-Detector: RTX-XLB-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17b001.d	1000.00 ml	25-JUL-2006 14:49	1.000	tls	1	deg
1400		sv17b002.d	1000.00 ml	25-JUL-2006 15:10	1.000	tls	2	8081
392359		sv17b004.d	30.00 g	25-JUL-2006 16:50	1.000	tls	4	all
392360		sv17b005.d	30.00 g	25-JUL-2006 17:11	1.000	tls	5	8081
deg		sv17b048.d	1000.00 ml	26-JUL-2006 10:29	1.000	tls	48	deg
1400		sv17b049.d	1000.00 ml	26-JUL-2006 11:11	1.000	tls	49	8081
1400		sv17b050.d	1000.00 ml	26-JUL-2006 11:32	1.000	tls	50	aro1260
20607191527		sv17b051.d	30.00 g	26-JUL-2006 12:21	1.000	tls	51	all
1400		sv17b053.d	1000.00 ml	26-JUL-2006 13:09	1.000	tls	53	8081
1400		sv17b054.d	1000.00 ml	26-JUL-2006 13:30	1.000	tls	54	8081
20607200605		sv17b056.d	30.30 g	26-JUL-2006 14:37	1.000	tls	56	8081
1400		sv17b060.d	1000.00 ml	26-JUL-2006 16:22	1.000	tls	60	8081
1400		sv17b061.d	1000.00 ml	26-JUL-2006 16:47	1.000	tls	61	8081
1400		sv17b062.d	1000.00 ml	26-JUL-2006 17:08	1.000	tls	62	aro1260
deg		sv17b063.d	1000.00 ml	27-JUL-2006 08:24	1.000	tls	63	deg
1400		sv17b064.d	1000.00 ml	27-JUL-2006 08:45	1.000	tls	64	8081
1400		sv17b065.d	1000.00 ml	27-JUL-2006 09:06	1.000	tls	65	aro1260
20607200603		sv17b070.d	30.50 g	27-JUL-2006 11:23	1.000	tls	70	8081
20607200604		sv17b071.d	30.00 g	27-JUL-2006 11:44	1.000	tls	71	8081
20607200603		sv17b072.d	30.00 g	27-JUL-2006 12:05	1.000	tls	72	ar1260s
20607200604		sv17b073.d	30.00 g	27-JUL-2006 12:26	1.000	tls	73	ar1260s
20607200607		sv17b074.d	30.10 g	27-JUL-2006 12:47	1.000	tls	74	8081
20607200608		sv17b075.d	30.00 g	27-JUL-2006 13:08	1.000	tls	75	8081
1400		sv17b076.d	1000.00 ml	27-JUL-2006 14:21	1.000	tls	76	8081
20607200609		sv17b079.d	30.40 g	27-JUL-2006 15:38	1.000	tls	79	8081
20607200601		sv17b081.d	30.00 g	27-JUL-2006 16:42	1.000	tls	81	8081
1400		sv17b082.d	1000.00 ml	27-JUL-2006 18:06	1.000	tls	82	8081
1400		sv17b083.d	1000.00 ml	27-JUL-2006 18:27	1.000	tls	83	8081
1400		sv17b084.d	1000.00 ml	27-JUL-2006 18:48	1.000	tls	84	aro1260
deg		sv17b085.d	1000.00 ml	28-JUL-2006 09:07	1.000	tls	85	deg
1400		sv17b086.d	1000.00 ml	28-JUL-2006 09:28	1.000	tls	86	8081
1400		sv17b087.d	1000.00 ml	28-JUL-2006 09:49	1.000	tls	87	aro1260
20607200602		sv17b088.d	30.00 g	28-JUL-2006 10:37	1.000	tls	88	8081
20607200613		sv17b090.d	30.20 g	28-JUL-2006 11:19	1.000	tls	90	8081
20607200614		sv17b091.d	30.50 g	28-JUL-2006 11:40	1.000	tls	91	8081
20607200616		sv17b092.d	30.50 g	28-JUL-2006 12:01	1.000	tls	92	8081

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/04/2006
Instrument: gcsv17b.i
Method File: /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Batch: /var/chem/gcsv17b.i/2060725.b
Column-Detector: RTX-XLB-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
20607200612		sv17b093.d	30.50 g	28-JUL-2006 12:44	10.000	tls	93	8081
20607200611		sv17b094.d	30.00 g	28-JUL-2006 13:06	10.000	tls	94	8081
20607200615		sv17b095.d	30.00 g	28-JUL-2006 13:27	10.000	tls	95	8081
1400		sv17b096.d	1000.00 ml	28-JUL-2006 15:02	1.000	tls	96	8081
1400		sv17b097.d	1000.00 ml	28-JUL-2006 15:26	1.000	tls	97	8081
1400		sv17b098.d	1000.00 ml	28-JUL-2006 15:47	1.000	tls	98	aro1260

2E

WATER ORGANIC SURROGATE RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

GC Column (1): RTX-35MS-3 ID: .25 (mm) GC Cloumn (2): ID: (mm)

Method: SW-846 8082

EPA SAMPLE NO.	SMC1 1-(1)	Lo	Hi	F	SMC1 1-(2)	Lo	Hi	F	SMC2 2-(1)	Lo	Hi	F	SMC2 2-(2)	Lo	Hi	F	TOT OUT
1. FB-503	80	34	135														0
2. MB392704	82	34	135														0
3. LCS392705	76	34	135														0
4. LCSD392706	92	34	135														0

SMC 1 : Decachlorobiphenyl SMC 2 :

Column to be used to flag recovery limits

* Value outside of contract required limits

D Surrogate diluted out

FORM II ORG-II

2F

ORGANICS SURROGATE RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

GC Column (1) : RTX-35MS-3 ID: .25 (mm) GC Cloumn (2) : ID: (mm)

Method: SW-846 8082

	EPA SAMPLE NO.	SMC1 1-(1)	#	1-(2)	#	SMC2 2-(1)	#	2-(2)	#	TOT OUT
1.	SF3SB45-089-(0-0.5)	60								0
2.	SF3SB45-090-(1-2)	107								0
3.	SF3SB45-090-(1-2)MS	105								0
4.	SF3SB45-090-(1-2)MSD	98								0
5.	SI5SB74-147-(0-0.5)	82								0
6.	SI5SB74-148-(1-2)	97								0
7.	SH4SB64-128-(1-2)	126								0
8.	SH4SB64-127-(0-0.5)	92								0
9.	SF4SB46-091-(0-0.5)	133								0
10.	SF4SB46-092-(1-2)	0	D							0
11.	SG4SB56-112-(1-2)	0	D							0
12.	SG4SB56-111-(0-0.5)	85								0
13.	SE3SB39-077-(0-0.5)	56								0
14.	SE3SB39-078-(1-2)	0	D							0
15.	SH5SB66-131-(0-0.5)	87								0
16.	SH5SB66-132-(1-2)	71								0
17.	SH4SB65-130-(1-2)	106								0
18.	SH4SB65-129-(0-0.5)	110								0
19.	SI4SB72-144-(1-2)	91								0
20.	SI4SB72-143-(0-0.5)	90								0
21.	MB392362	85								0
22.	LCS392363	89								0
23.	LCSD392364	91								0

CONTROL LIMITS

SMC 1 : Decachlorobiphenyl 56 159

SMC 2 :

Column to be used to flag recovery limits

* Value outside of contract required limits

D Surrogate diluted out

FORM II ORG-2

3E

WATER ORGANICS LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8082

Prep Batch: 328465 Analytical Batch: 328836

SAMPLE NO : 392705

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	LCS % REC FLAG	QC. LIMITS
Aroclor-1016	ug/L	2	0	1.72	86		55 - 131
Aroclor-1260	ug/L	2	0	1.94	97		51 - 138

SAMPLE NO : 392706

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
Aroclor-1016	ug/L	2	1.8	90		5		55 - 131	0 - 35
Aroclor-1260	ug/L	2	1.98	99		2		51 - 138	0 - 34

RPD : 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

FORM III ORG-1

3F

SOIL ORGANIC LCS/LCSD RECOVERY

Lab Name: GCAL

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8082

Prep Batch: 328411 Analytical Batch: 328878

Spike HSN : 392363

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	LCS % REC FLAG	QC. LIMITS
Aroclor-1016	ug/kg	66.7	0	55.5	83		62 - 124
Aroclor-1260	ug/kg	66.7	0	60.9	91		62 - 129

Spike Dupe HSN : 392364

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
Aroclor-1016	ug/kg	66.7	58.5	88		5		62 - 124	0 - 31
Aroclor-1260	ug/kg	66.7	62	93		2		62 - 129	0 - 36

RPD : 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

FORM III ORG-2

3F

SOILORGANIC MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8082

Prep Batch: 328411 Analytical Batch: 328878

Spike HSN : 20607200603

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	MS % REC FLAG	QC. LIMITS
Aroclor-1016	ug/kg	176	0	111	63		40 - 154
Aroclor-1260	ug/kg	176	0	365	206	*	40 - 168

Spike Dupe HSN : 20607200604

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
Aroclor-1016	ug/kg	176	73.4	42		40		40 - 154	0 - 43
Aroclor-1260	ug/kg	176	236	134		43		40 - 168	0 - 50

RPD : 0 out of 2 outside limits

Spike Recovery: 1 out of 4 outside limits

FORM III ORG-2

4C

ORGANIC METHOD BLANK SUMMARY

Lab Name: GCAL

Sample ID: MB392704

Lab Code: LA024 Case No.:

Contract:

Lab Sample ID: 392704

SAS No.: SDG No.: 206072006

Matrix: Water Sulfur Cleanup: (Y/N) N

Date Extracted: 07/21/06

Date Analyzed (1): 07/24/06 Time (1): 0212

Date Analyzed (2): Time (2):

Instrument ID (1): GCS17A

Instrument ID (2):

GC Column (1): RTX-35MS-3 ID: .25 (mm)

GC Column (2): ID: (mm)

Method: SW-846 8082

Prep Batch: 328465 Analytical Batch: 328836

Lab File ID: 2060723/SV17A0

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATE ANALYZED	TIME ANALYZED
1.	LCS392705	392705	07/24/06	0315		
2.	LCSD392706	392706	07/24/06	0336		
3.	FB-503	20607200622	07/24/06	0357		

FORM IV ORGANIC

4C

ORGANIC METHOD BLANK SUMMARY

Lab Name: GCAL

Sample ID: MB392362

Lab Code: LA024 Case No.:

Contract:

Lab Sample ID: 392362

SAS No.: SDG No.: 206072006

Matrix: Soil Sulfur Cleanup: (Y/N) N

Date Extracted: 07/20/06

Date Analyzed (1): 07/25/06 Time (1): 1629

Date Analyzed (2): Time (2):

Instrument ID (1): GCS17A

Instrument ID (2):

GC Column (1): RTX-35MS-3 ID: .25 (mm)

GC Column (2): ID: (mm)

Method: SW-846 8082

Prep Batch: 328411 Analytical Batch: 328878

Lab File ID: 2060725/SV17A0

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATE ANALYZED	TIME ANALYZED
1.	LCS392363	392363	07/25/06	1732		
2.	LCSD392364	392364	07/25/06	1753		
3.	SI5SB74-147-(0-0.5)	20607200605	07/26/06	1417		
4.	SI5SB74-148-(1-2)	20607200606	07/26/06	1437		
5.	SH5SB66-132-(1-2)	20607200617	07/26/06	1520		
6.	SI4SB72-144-(1-2)	20607200620	07/27/06	0938		
7.	SI4SB72-143-(0-0.5)	20607200621	07/27/06	0959		
8.	SH4SB65-130-(1-2)	20607200618	07/27/06	1020		
9.	SH4SB65-129-(0-0.5)	20607200619	07/27/06	1041		
10.	SF3SB45-090-(1-2)MS	20607200603	07/27/06	1144		
11.	SF3SB45-090-(1-2)MSD	20607200604	07/27/06	1205		
12.	SH4SB64-128-(1-2)	20607200607	07/27/06	1226		
13.	SH4SB64-127-(0-0.5)	20607200608	07/27/06	1247		
14.	SF4SB46-091-(0-0.5)	20607200609	07/27/06	1517		
15.	SF3SB45-089-(0-0.5)	20607200601	07/27/06	1559		
16.	SF3SB45-090-(1-2)	20607200602	07/28/06	1016		
17.	SG4SB56-111-(0-0.5)	20607200613	07/28/06	1058		
18.	SE3SB39-077-(0-0.5)	20607200614	07/28/06	1119		
19.	SH5SB66-131-(0-0.5)	20607200616	07/28/06	1140		
20.	SG4SB56-112-(1-2)	20607200612	07/28/06	1201		
21.	SF4SB46-092-(1-2)	20607200611	07/28/06	1244		
22.	SE3SB39-078-(1-2)	20607200615	07/28/06	1306		

FORM IV ORGANIC

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: 13.5 decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328411 Analytical Batch: 328878

CONCENTRATION UNITS: ug/kg

Sample ID: SF3SB45-089-(0-0.5)

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 20607200601

Date Collected: 07/18/06 Time: 1630

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/27/06 Time: 1559

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8082

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A081

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	23.1	U	3.10	23.1
11104-28-2	Aroclor-1221	23.1	U	5.30	23.1
11141-16-5	Aroclor-1232	23.1	U	5.81	23.1
53469-21-9	Aroclor-1242	23.1	U	6.78	23.1
12672-29-6	Aroclor-1248	23.1	U	4.52	23.1
11097-69-1	Aroclor-1254	23.1	U	3.75	23.1
11096-82-5	Aroclor-1260	23.1	U	3.13	23.1

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a081.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a081.d
Lab Smp Id: 20607200601
Inj Date : 27-JUL-2006 15:59
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200601*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.651	4.647	0.004	294420430	72.2642	12
8 Heptachlor epoxide	8.148	8.166	-0.018	318431115	81.3109	14
13 Dieldrin	9.033	9.033	0.000	37354196	8.96612	1.5
15 4,4'-DDD	9.574	9.577	-0.003	51078094	15.4897	2.6
16 Endosulfan II	9.723	9.693	0.030	104263887	29.9440	5.0
17 4,4'-DDT	9.988	9.969	0.019	366551456	126.612	21
18 Endrin aldehyde	10.056	10.059	-0.003	48520622	16.5960	2.8
21 Endrin ketone	11.149	11.137	0.012	29980860	8.01795	1.3(M)
$ 22 Decachlorobiphenyl	12.599	12.599	0.000	186539746	59.8064	10(M)

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a081.d
Report Date: 31-Jul-2006 13:43

QC Flag Legend

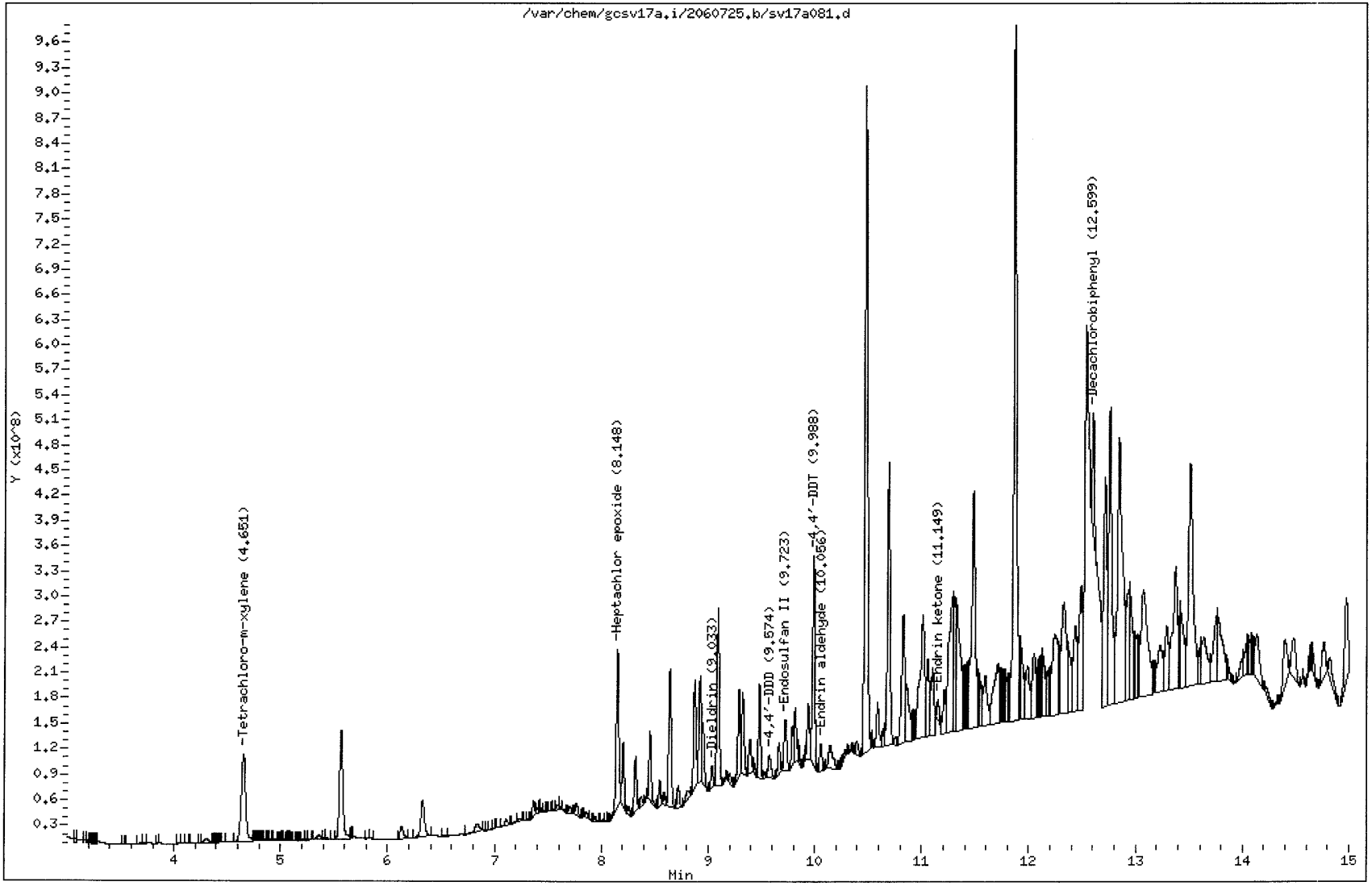
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a081.d
Date : 27-JUL-2006 15:59
Client ID:
Sample Info: 20607200601*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001559



189531

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SF3SB45-090-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200602
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1016
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A088

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	26.5	U	3.56	26.5
11104-28-2	Aroclor-1221	26.5	U	6.08	26.5
11141-16-5	Aroclor-1232	26.5	U	6.66	26.5
53469-21-9	Aroclor-1242	26.5	U	7.77	26.5
12672-29-6	Aroclor-1248	26.5	U	5.18	26.5
11097-69-1	Aroclor-1254	26.5	U	4.30	26.5
11096-82-5	Aroclor-1260	26.5	U	3.59	26.5

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a088.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a088.d
Lab Smp Id: 20607200602
Inj Date : 28-JUL-2006 10:16
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200602*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 88
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.664	4.647	0.017	343782822	84.3800	14
8 Heptachlor epoxide	8.158	8.166	-0.008	68513412	17.4948	2.9
15 4,4'-DDD	9.582	9.577	0.005	24845140	7.53443	1.3
16 Endosulfan II	9.675	9.693	-0.018	63252921	18.1659	3.0
17 4,4'-DDT	9.999	9.969	0.030	136481755	47.1426	7.9
18 Endrin aldehyde	10.069	10.059	0.010	86563408	29.6082	4.9
21 Endrin ketone	11.162	11.137	0.025	28580970	7.64357	1.3
$ 22 Decachlorobiphenyl	12.613	12.599	0.014	333340270	106.872	18(M)

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a088.d
Report Date: 31-Jul-2006 13:43

QC Flag Legend

M - Compound response manually integrated.

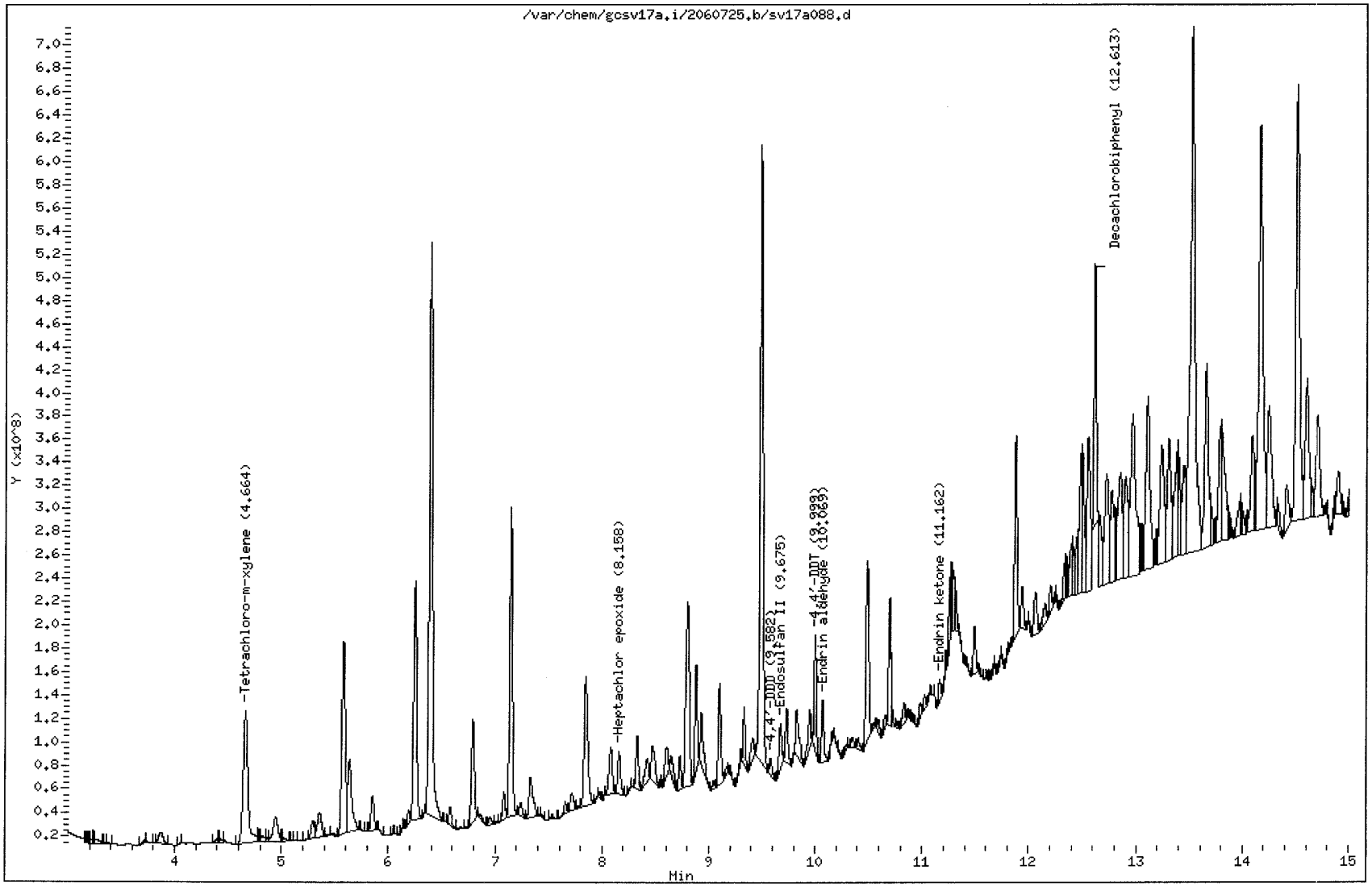
189534

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a088.d
Date : 28-JUL-2006 10:16
Client ID:
Sample Info: 20607200602*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001563



189535

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.3 Units: g
Level: (low/med) LOW
% Moisture: 10.8 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SI5SB74-147-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200605
Date Collected: 07/18/06 Time: 1730
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/26/06 Time: 1417
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A056

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	22.2	U	2.98	22.2
11104-28-2	Aroclor-1221	22.2	U	5.09	22.2
11141-16-5	Aroclor-1232	22.2	U	5.58	22.2
53469-21-9	Aroclor-1242	22.2	U	6.51	22.2
12672-29-6	Aroclor-1248	22.2	U	4.33	22.2
11097-69-1	Aroclor-1254	22.2	U	3.60	22.2
11096-82-5	Aroclor-1260	22.2	U	3.01	22.2

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a056.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a056.d
Lab Smp Id: 20607200605
Inj Date : 26-JUL-2006 14:17
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200605*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:40 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 56
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.30000	Weight of sample extracted (g)
M	0.00000	% Moisture

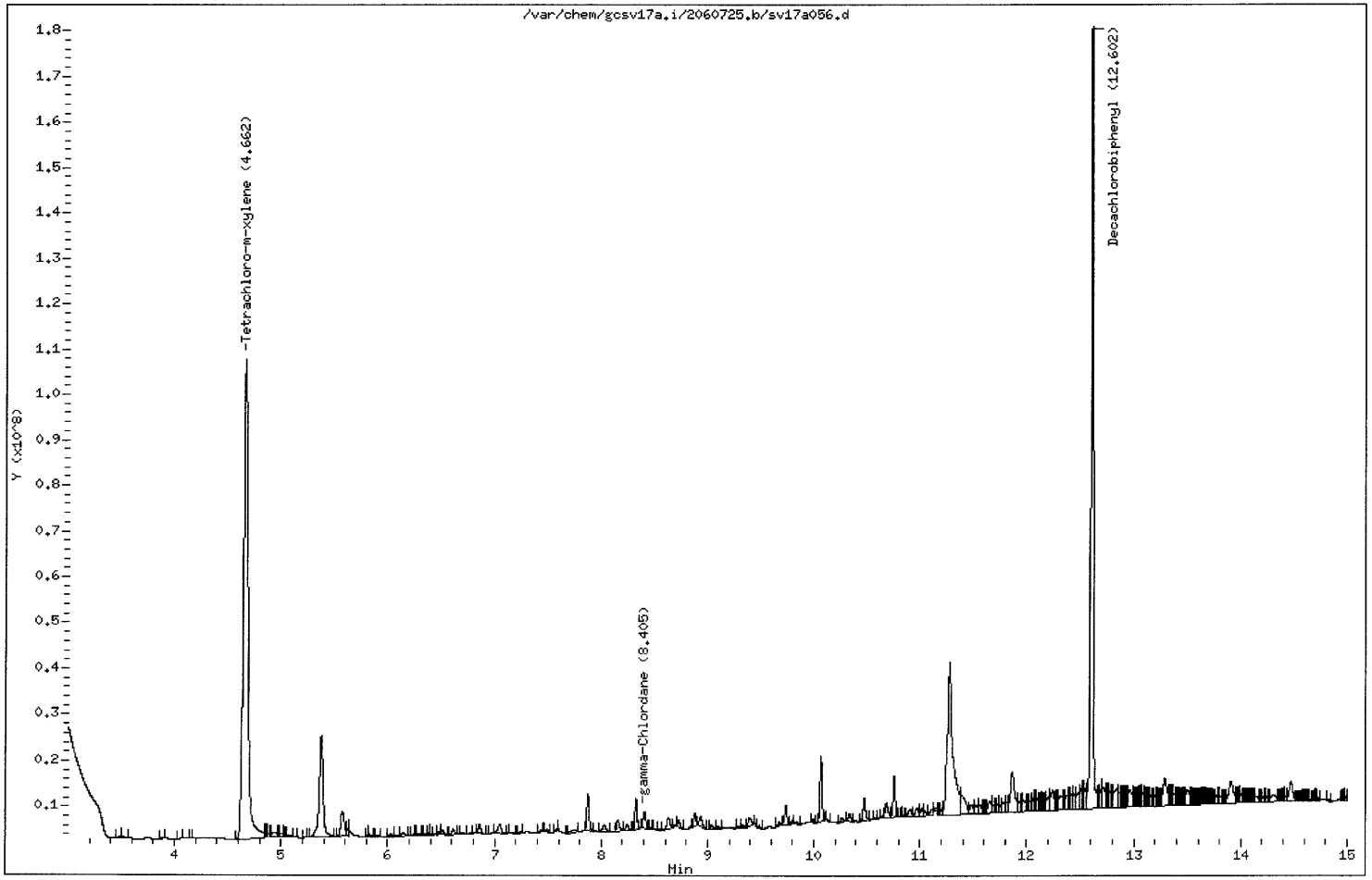
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.662	4.647	0.015	313597131	76.9711	13
10 gamma-Chlordane	8.405	8.419	-0.014	5415449	1.34574	0.22
$ 22 Decachlorobiphenyl	12.602	12.599	0.003	257585964	82.5845	14

001566

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a056.d
Date : 26-JUL-2006 14:17
Client ID:
Sample Info: 20607200605*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189538

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30.3 Units: g

Level: (low/med) LOW

% Moisture: 13.2 decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328411 Analytical Batch: 328878

CONCENTRATION UNITS: *ug/kg*

Sample ID: SI5SB74-148-(1-2)

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 20607200606

Date Collected: 07/18/06 Time: 1735

Date Received: 07/20/06

Date Extracted: 07/20/06

Date Analyzed: 07/26/06 Time: 1437

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8082

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A057

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	22.8	U	3.06	22.8
11104-28-2	Aroclor-1221	22.8	U	5.23	22.8
11141-16-5	Aroclor-1232	22.8	U	5.73	22.8
53469-21-9	Aroclor-1242	22.8	U	6.69	22.8
12672-29-6	Aroclor-1248	22.8	U	4.46	22.8
11097-69-1	Aroclor-1254	22.8	U	3.70	22.8
11096-82-5	Aroclor-1260	22.8	U	3.09	22.8

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a057.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a057.d
Lab Smp Id: 20607200606
Inj Date : 26-JUL-2006 14:37
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200606*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:40 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 57
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.30000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.646	4.647	-0.001	356334240	87.4607	14(M)
$ 22 Decachlorobiphenyl	12.596	12.599	-0.003	302183231	96.8828	16

QC Flag Legend

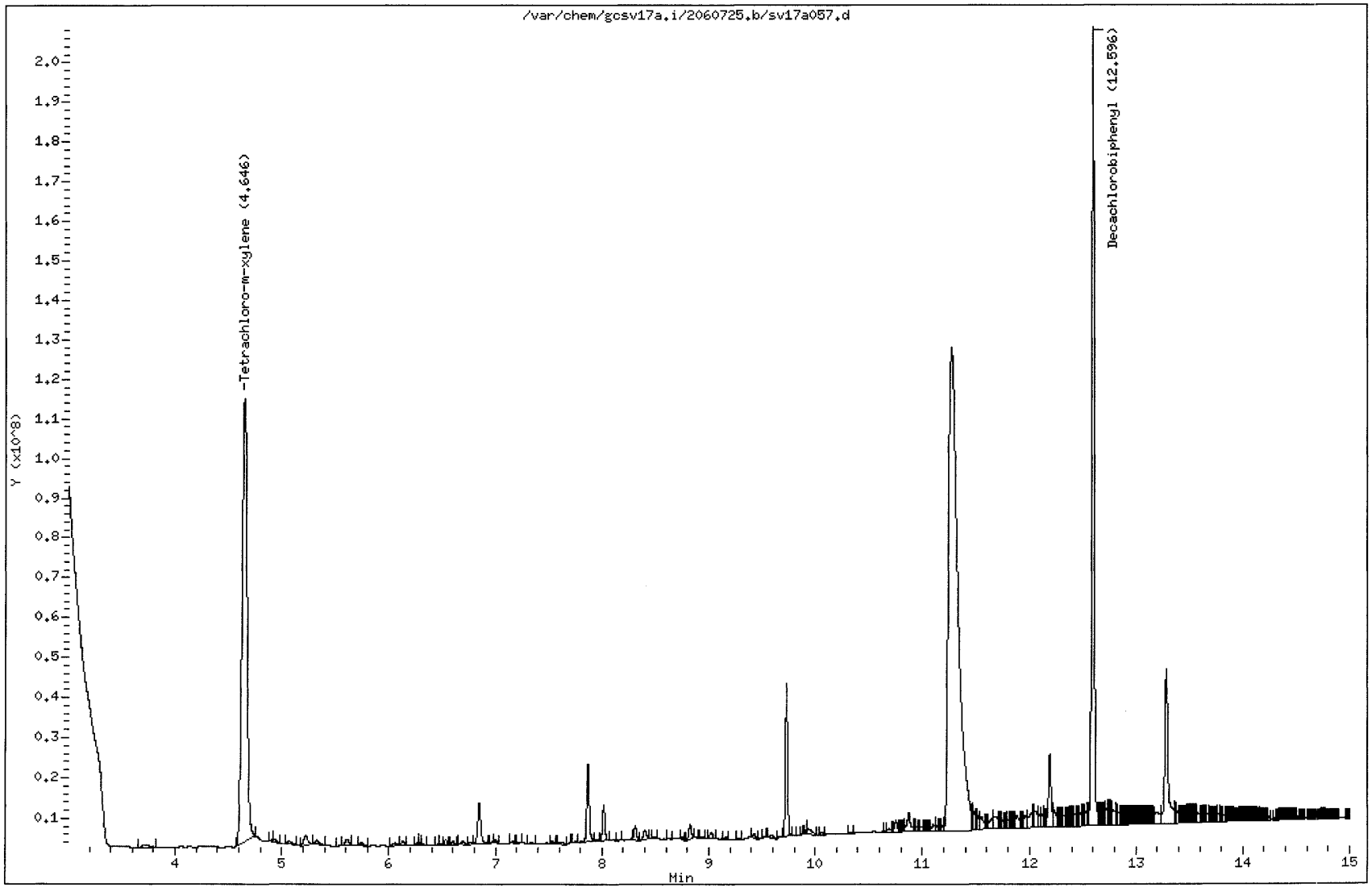
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a057.d
Date : 26-JUL-2006 14:37
Client ID:
Sample Info: 20607200606M1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001569



189541

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.1 Units: g
Level: (low/med) LOW
% Moisture: 10.1 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SH4SB64-128-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200607
Date Collected: 07/18/06 Time: 1745
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1226
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A074

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	22.2	U	2.98	22.2
11104-28-2	Aroclor-1221	22.2	U	5.09	22.2
11141-16-5	Aroclor-1232	22.2	U	5.57	22.2
53469-21-9	Aroclor-1242	22.2	U	6.50	22.2
12672-29-6	Aroclor-1248	22.2	U	4.33	22.2
11097-69-1	Aroclor-1254	22.2	U	3.60	22.2
11096-82-5	Aroclor-1260	22.2	U	3.01	22.2

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a074.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a074.d
Lab Smp Id: 20607200607
Inj Date : 27-JUL-2006 12:26
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200607*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 74
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.10000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.654	4.647	0.007	400381570	98.2719	16
10 gamma-Chlordane	8.397	8.419	-0.022	15853588	3.93962	0.65
17 4,4'-DDT	9.989	9.969	0.020	17666476	6.10223	1.0(M)
$ 22 Decachlorobiphenyl	12.599	12.599	0.000	392414575	125.812	21(M)

QC Flag Legend

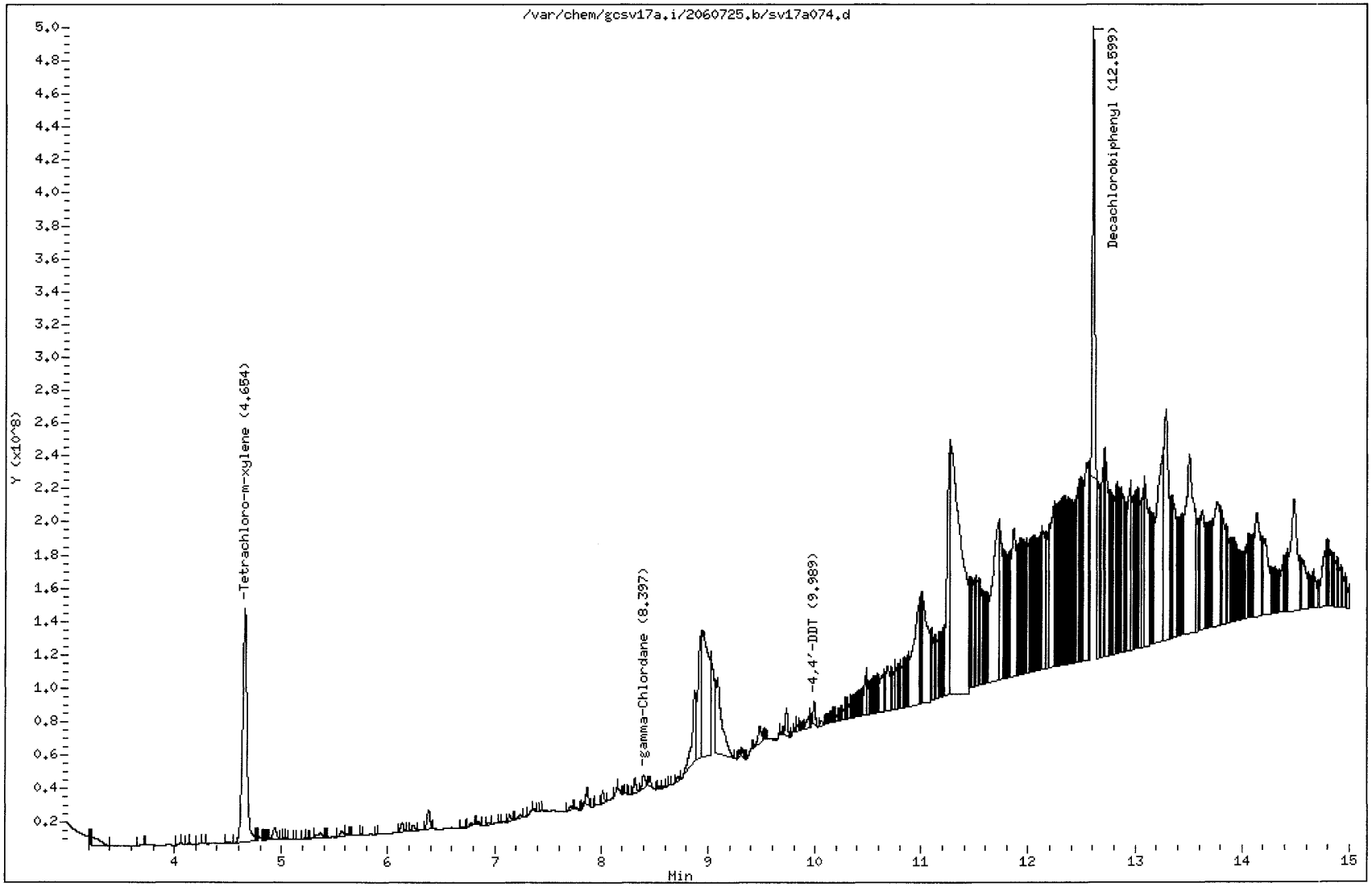
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a074.d
Date : 27-JUL-2006 12:26
Client ID:
Sample Info: 20607200607*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001572



189544

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 14.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SH4SB64-127-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200608
Date Collected: 07/18/06 Time: 1750
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1247
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A075

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	23.2	U	3.12	23.2
11104-28-2	Aroclor-1221	23.2	U	5.33	23.2
11141-16-5	Aroclor-1232	23.2	U	5.84	23.2
53469-21-9	Aroclor-1242	23.2	U	6.82	23.2
12672-29-6	Aroclor-1248	23.2	U	4.54	23.2
11097-69-1	Aroclor-1254	23.2	U	3.77	23.2
11096-82-5	Aroclor-1260	23.2	U	3.15	23.2

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a075.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a075.d
Lab Smp Id: 20607200608
Inj Date : 27-JUL-2006 12:47
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200608*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 75
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.654	4.647	0.007	295787780	72.5998	12
$ 22 Decachlorobiphenyl	12.596	12.599	-0.003	285848006	91.6456	15(M)

QC Flag Legend

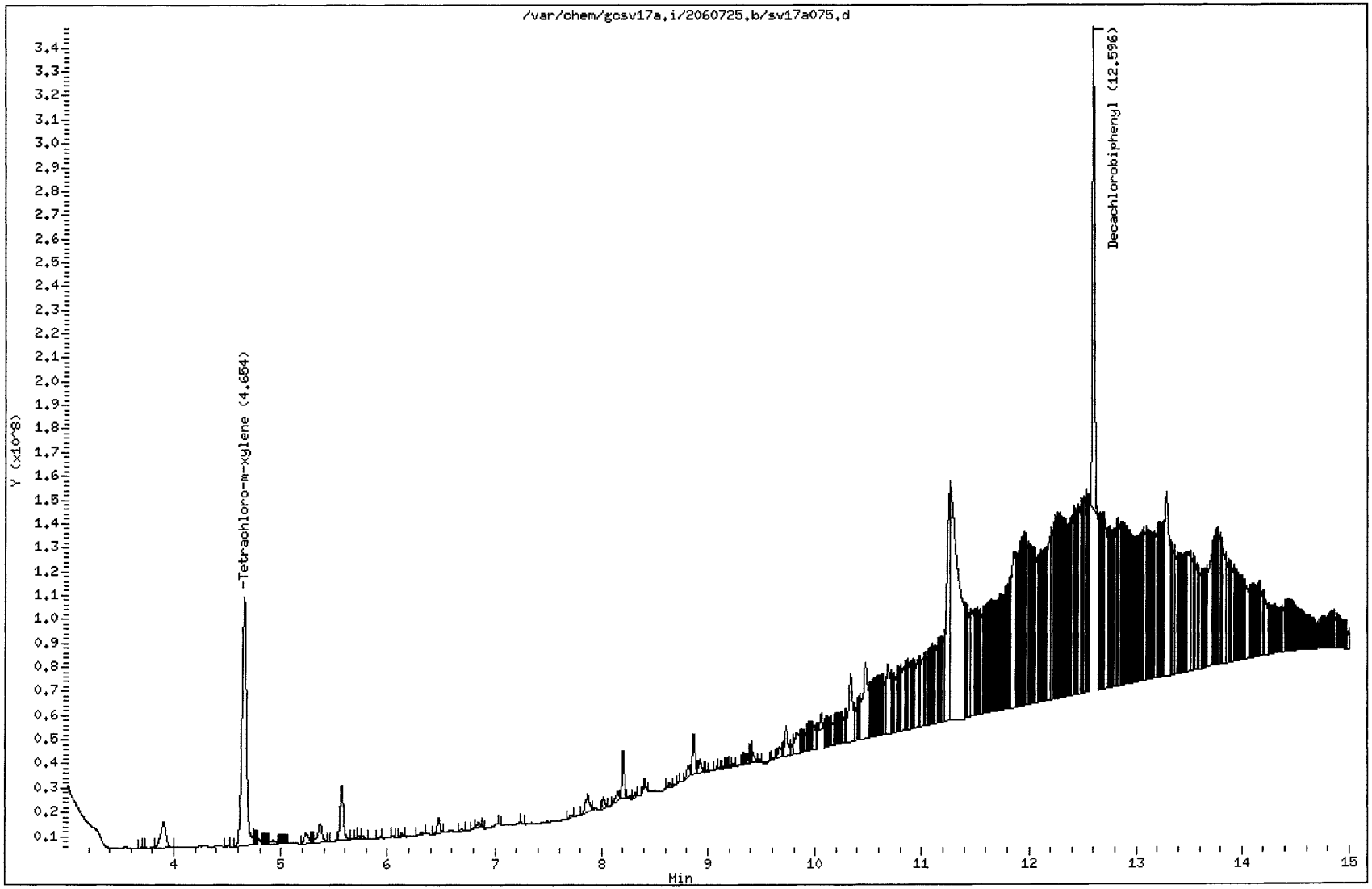
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a075.d
Date : 27-JUL-2006 12:47
Client ID:
Sample Info: 20607200608*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001575



189547

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.4 Units: g
Level: (low/med) LOW
% Moisture: 13.2 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SF4SB46-091-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200609
Date Collected: 07/18/06 Time: 1705
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1517
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A079

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	22.7	U	3.05	22.7
11104-28-2	Aroclor-1221	22.7	U	5.21	22.7
11141-16-5	Aroclor-1232	22.7	U	5.71	22.7
53469-21-9	Aroclor-1242	22.7	U	6.67	22.7
12672-29-6	Aroclor-1248	22.7	U	4.44	22.7
11097-69-1	Aroclor-1254	22.7	U	3.69	22.7
11096-82-5	Aroclor-1260	22.7	U	3.08	22.7

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a079.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a079.d
Lab Smp Id: 20607200609
Inj Date : 27-JUL-2006 15:17
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200609*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.667	4.647	0.020	337993288	82.9590	14
13 Dieldrin	9.040	9.033	0.007	11441199	2.74623	0.45
16 Endosulfan II	9.671	9.693	-0.022	19947044	5.72867	0.94
17 4,4'-DDT	9.995	9.969	0.026	120562568	41.6439	6.8
18 Endrin aldehyde	10.066	10.059	0.007	33383451	11.4185	1.9
20 Endosulfan sulfate	10.286	10.259	0.027	8384334	2.65482	0.44
21 Endrin ketone	11.150	11.137	0.013	15009926	4.01419	0.66(M)
$ 22 Decachlorobiphenyl	12.604	12.599	0.005	413518332	132.578	22

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a079.d
Report Date: 31-Jul-2006 13:43

QC Flag Legend

M - Compound response manually integrated.

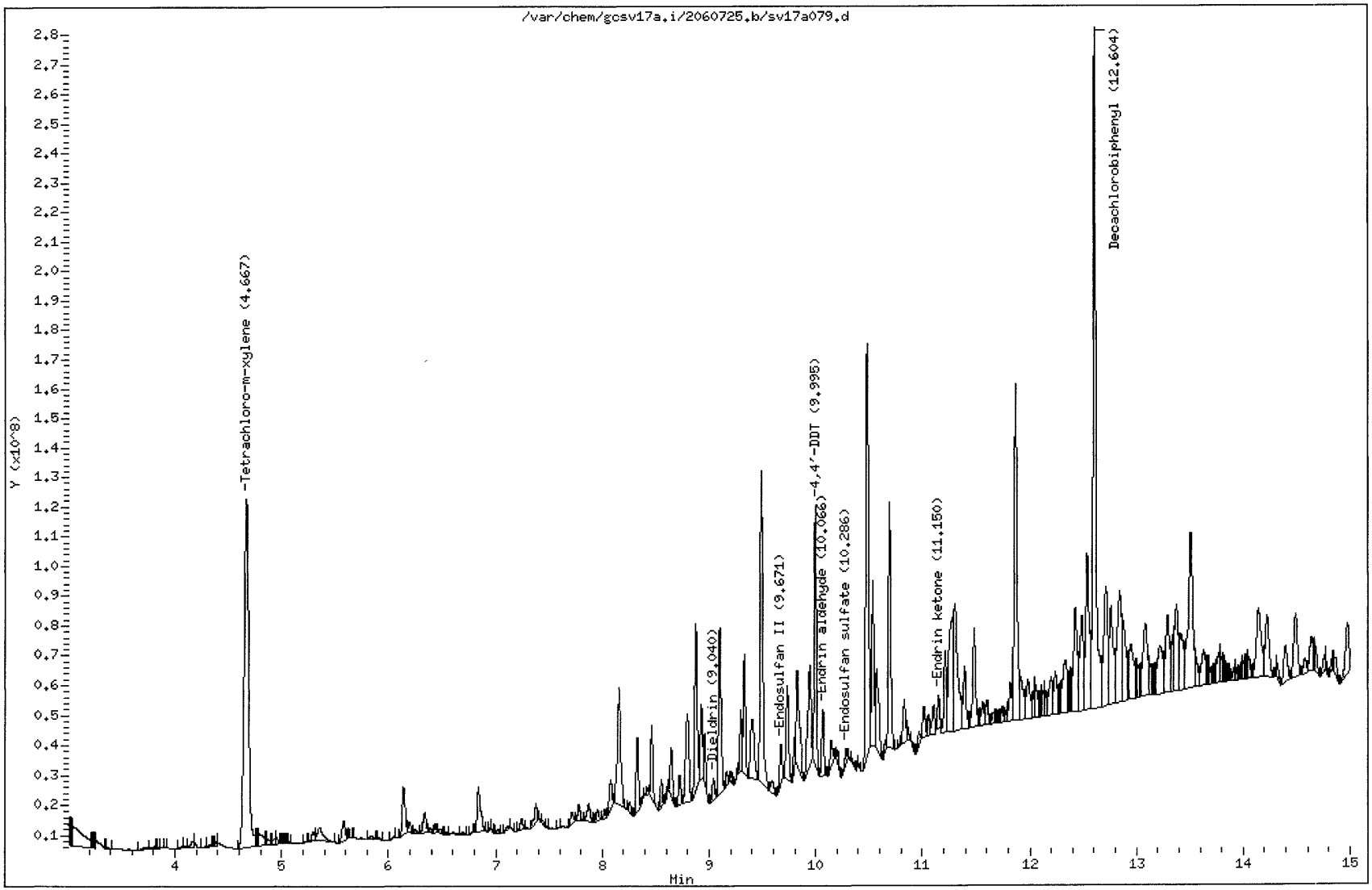
189550

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a079.d
Date : 27-JUL-2006 15:17
Client ID:
Sample Info: 20607200609M1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001579



189551

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 17.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SF4SB46-092-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200611
Date Collected: 07/18/06 Time: 1700
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1244
Dilution Factor: 10 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A094

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	241	U	32.4	241
11104-28-2	Aroclor-1221	241	U	55.2	241
11141-16-5	Aroclor-1232	241	U	60.5	241
53469-21-9	Aroclor-1242	241	U	70.7	241
12672-29-6	Aroclor-1248	241	U	47.1	241
11097-69-1	Aroclor-1254	241	U	39.1	241
11096-82-5	Aroclor-1260	241	U	32.7	241

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a094.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a094.d
Lab Smp Id: 20607200611
Inj Date : 28-JUL-2006 12:44
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200611*10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 94
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.651	4.647	0.004	32818940	8.05527	13
$ 22 Decachlorobiphenyl	12.596	12.599	-0.003	96033652	30.7893	51

001581

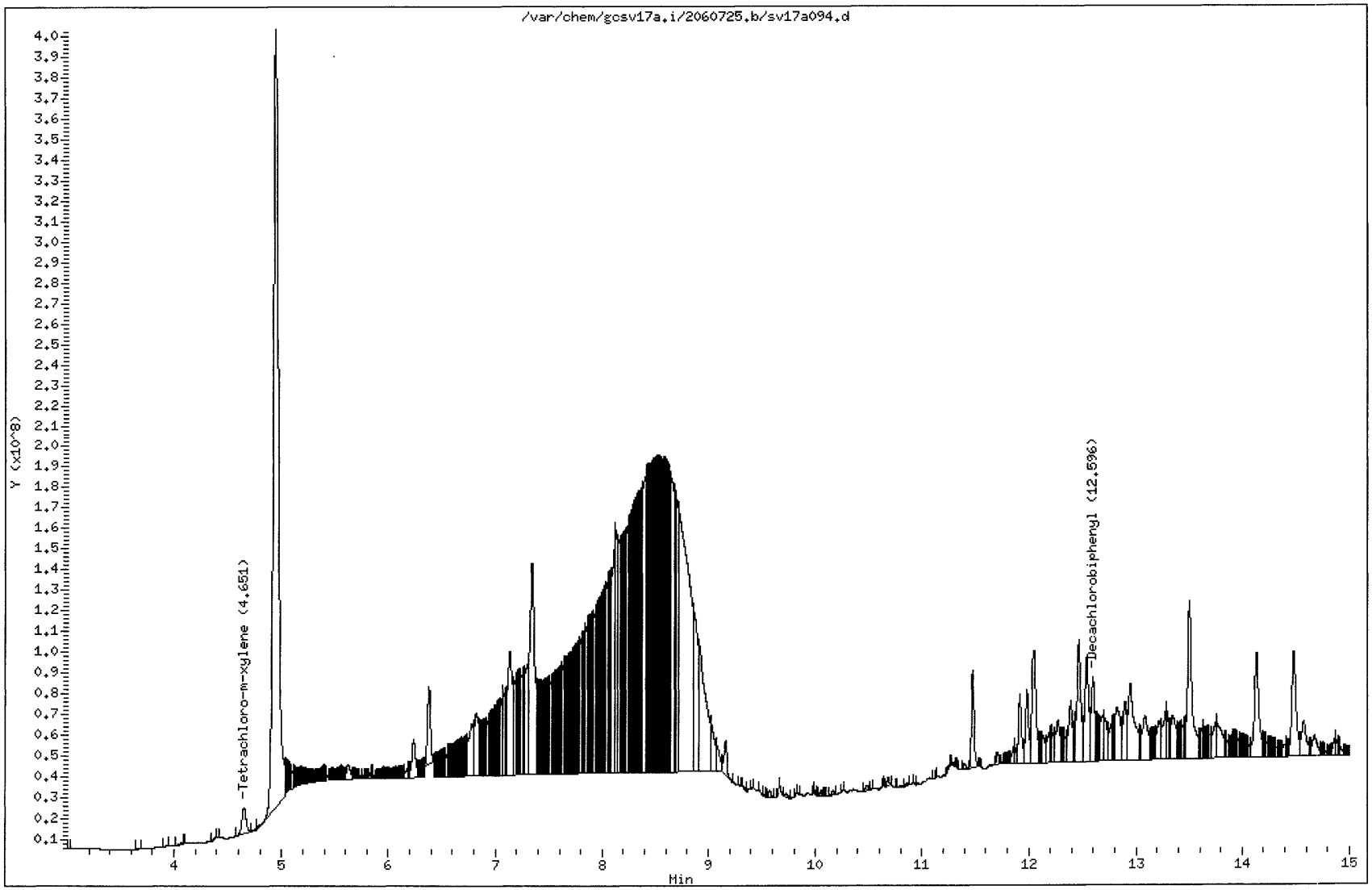
189553

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a094.d
Date : 28-JUL-2006 12:44
Client ID:
Sample Info: 20607200611*10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001582



189554

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 9.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SG4SB56-112-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200612
Date Collected: 07/18/06 Time: 1715
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1201
Dilution Factor: 10 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A093

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	216	U	29.0	216
11104-28-2	Aroclor-1221	216	U	49.6	216
11141-16-5	Aroclor-1232	216	U	54.3	216
53469-21-9	Aroclor-1242	216	U	63.4	216
12672-29-6	Aroclor-1248	216	U	42.2	216
11097-69-1	Aroclor-1254	216	U	35.1	216
11096-82-5	Aroclor-1260	216	U	29.3	216

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a093.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a093.d
Lab Smp Id: 20607200612
Inj Date : 28-JUL-2006 12:01
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200612*10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 93
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

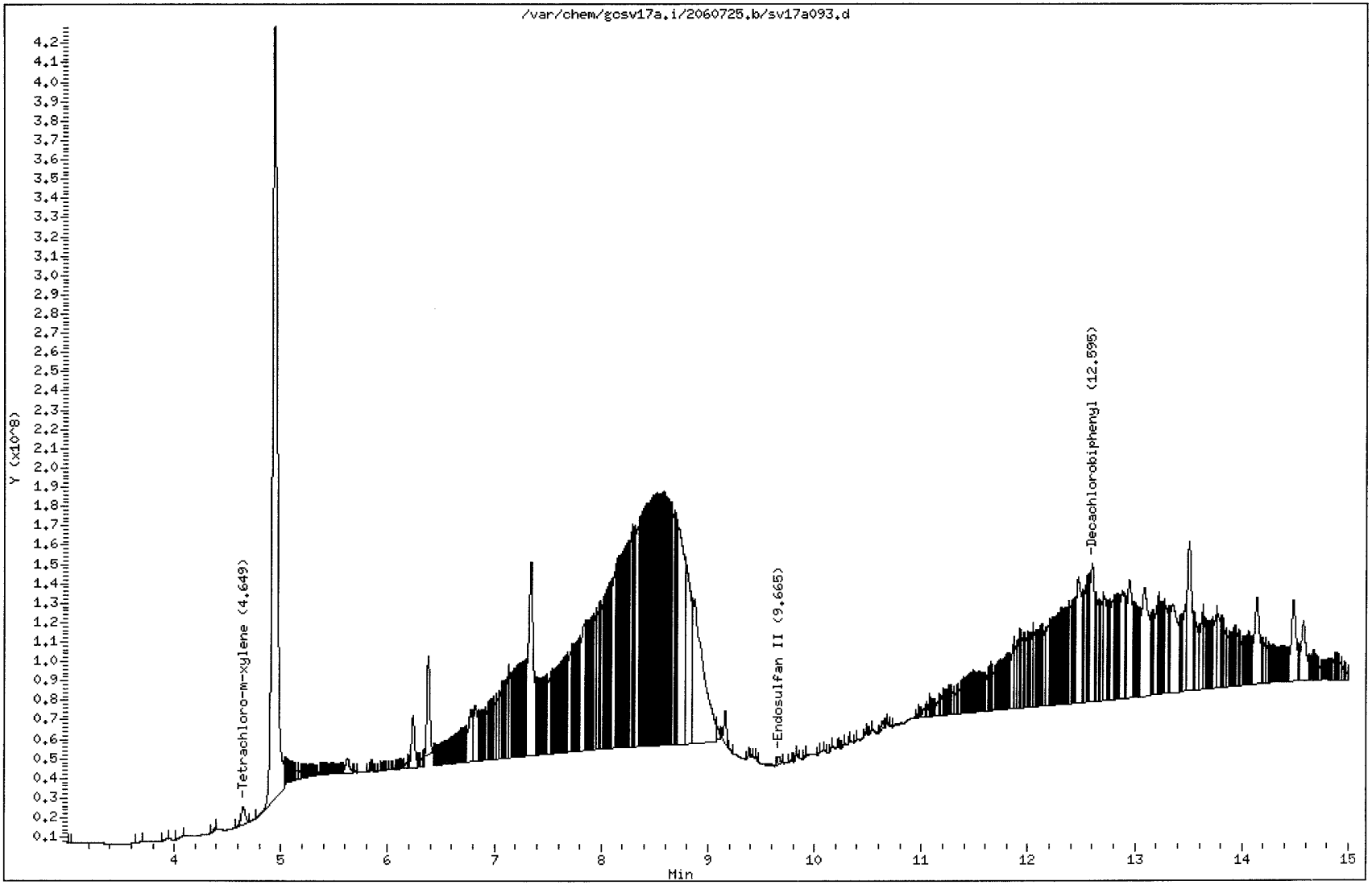
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.649	4.647	0.002	23131767	5.67759	9.3
16 Endosulfan II	9.665	9.693	-0.028	6971021	2.00204	3.3
$ 22 Decachlorobiphenyl	12.595	12.599	-0.004	190885242	61.1996	100

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a093.d
Date : 28-JUL-2006 12:01
Client ID:
Sample Info: 20607200612x10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001585



189557

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.2 Units: g
Level: (low/med) LOW
% Moisture: 7.3 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SG4SB56-111-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200613
Date Collected: 07/18/06 Time: 1720
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1058
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A090

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	21.4	U	2.88	21.4
11104-28-2	Aroclor-1221	21.4	U	4.91	21.4
11141-16-5	Aroclor-1232	21.4	U	5.38	21.4
53469-21-9	Aroclor-1242	21.4	U	6.28	21.4
12672-29-6	Aroclor-1248	21.4	U	4.18	21.4
11097-69-1	Aroclor-1254	21.4	U	3.48	21.4
11096-82-5	Aroclor-1260	21.4	U	2.90	21.4

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a090.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a090.d
Lab Smp Id: 20607200613
Inj Date : 28-JUL-2006 10:58
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200613*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.20000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.655	4.647	0.008	299492078	73.5090	12
16 Endosulfan II	9.666	9.693	-0.027	36210832	10.3995	1.7(M)
17 4,4'-DDT	9.989	9.969	0.020	46865616	16.1880	2.7(M)
18 Endrin aldehyde	10.059	10.059	0.000	225259939	77.0481	13(M)
21 Endrin ketone	11.151	11.137	0.014	19061226	5.09765	0.84(M)
$ 22 Decachlorobiphenyl	12.599	12.599	0.000	266067381	85.3038	14(M)

QC Flag Legend

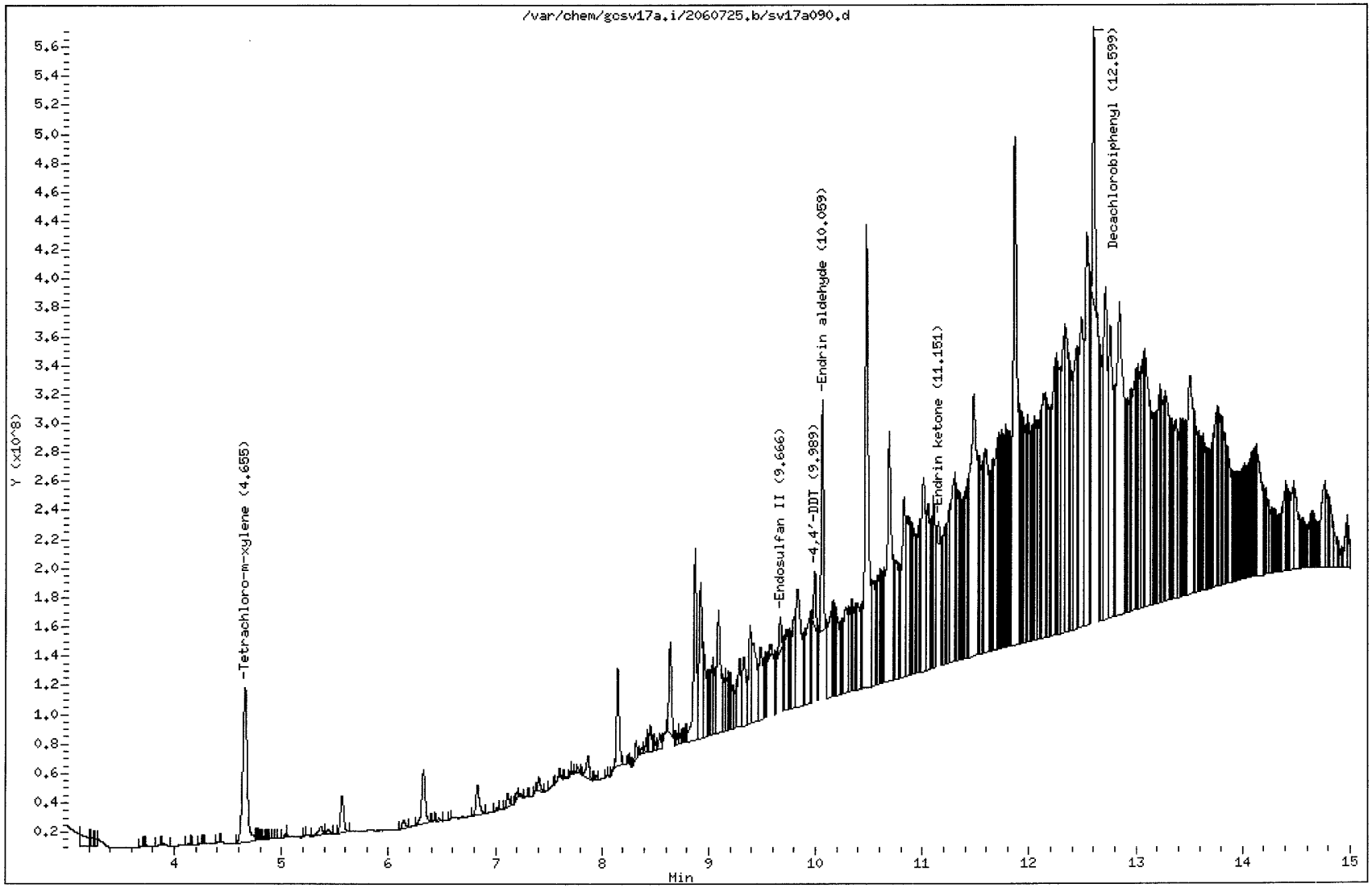
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a090.d
Date : 28-JUL-2006 10:58
Client ID:
Sample Info: 20607200613*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001588



189560

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 18.2 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SE3SB39-077-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200614
Date Collected: 07/18/06 Time: 1650
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1119
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A091

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	24.1	U	3.23	24.1
11104-28-2	Aroclor-1221	24.1	U	5.51	24.1
11141-16-5	Aroclor-1232	24.1	U	6.04	24.1
53469-21-9	Aroclor-1242	24.1	U	7.05	24.1
12672-29-6	Aroclor-1248	24.1	U	4.70	24.1
11097-69-1	Aroclor-1254	24.1	U	3.90	24.1
11096-82-5	Aroclor-1260	24.1	U	3.26	24.1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a091.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a091.d
Lab Smp Id: 20607200614
Inj Date : 28-JUL-2006 11:19
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200614*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 91
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.658	4.647	0.011	343393591	84.2845	14
2 alpha-BHC	5.791	5.789	0.002	8705814	1.57466	0.26
13 Dieldrin	9.043	9.033	0.010	7798731	1.87193	0.31
18 Endrin aldehyde	10.075	10.059	0.016	25270465	8.64353	1.4 (M)
20 Endosulfan sulfate	10.286	10.259	0.027	218655628	69.2353	11 (M)
$ 22 Decachlorobiphenyl	12.595	12.599	-0.004	174514767	55.9511	9.2 (M)

QC Flag Legend

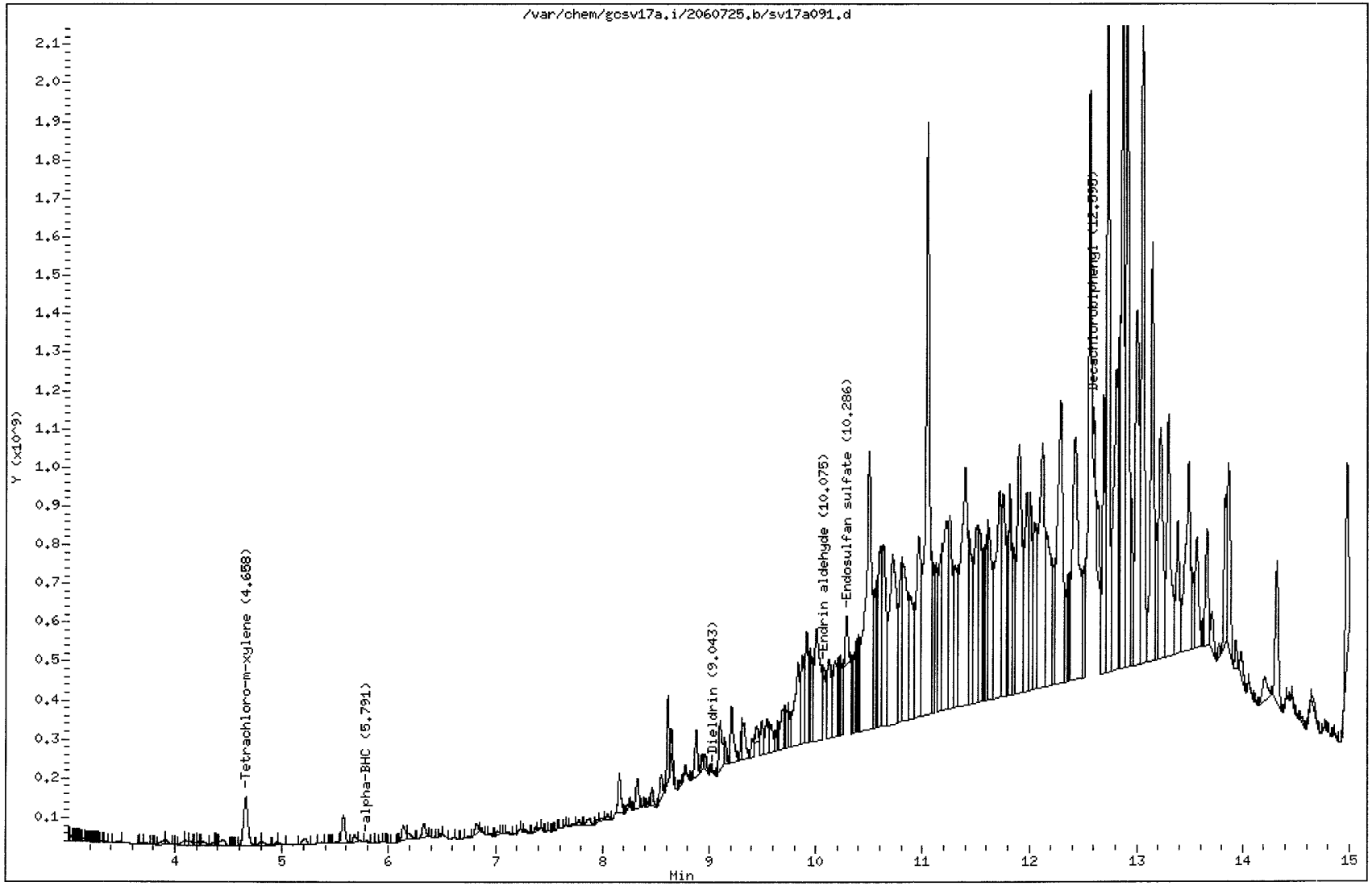
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a091.d
Date : 28-JUL-2006 11:19
Client ID:
Sample Info: 20607200614*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001591



189563

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 16.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SE3SB39-078-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200615
Date Collected: 07/18/06 Time: 1645
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1306
Dilution Factor: 10 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A095

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	238	U	32.0	238
11104-28-2	Aroclor-1221	238	U	54.6	238
11141-16-5	Aroclor-1232	238	U	59.8	238
53469-21-9	Aroclor-1242	238	U	69.8	238
12672-29-6	Aroclor-1248	238	U	46.5	238
11097-69-1	Aroclor-1254	238	U	38.6	238
11096-82-5	Aroclor-1260	238	U	32.3	238

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a095.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a095.d
Lab Smp Id: 20607200615
Inj Date : 28-JUL-2006 13:06
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200615*10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 95
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

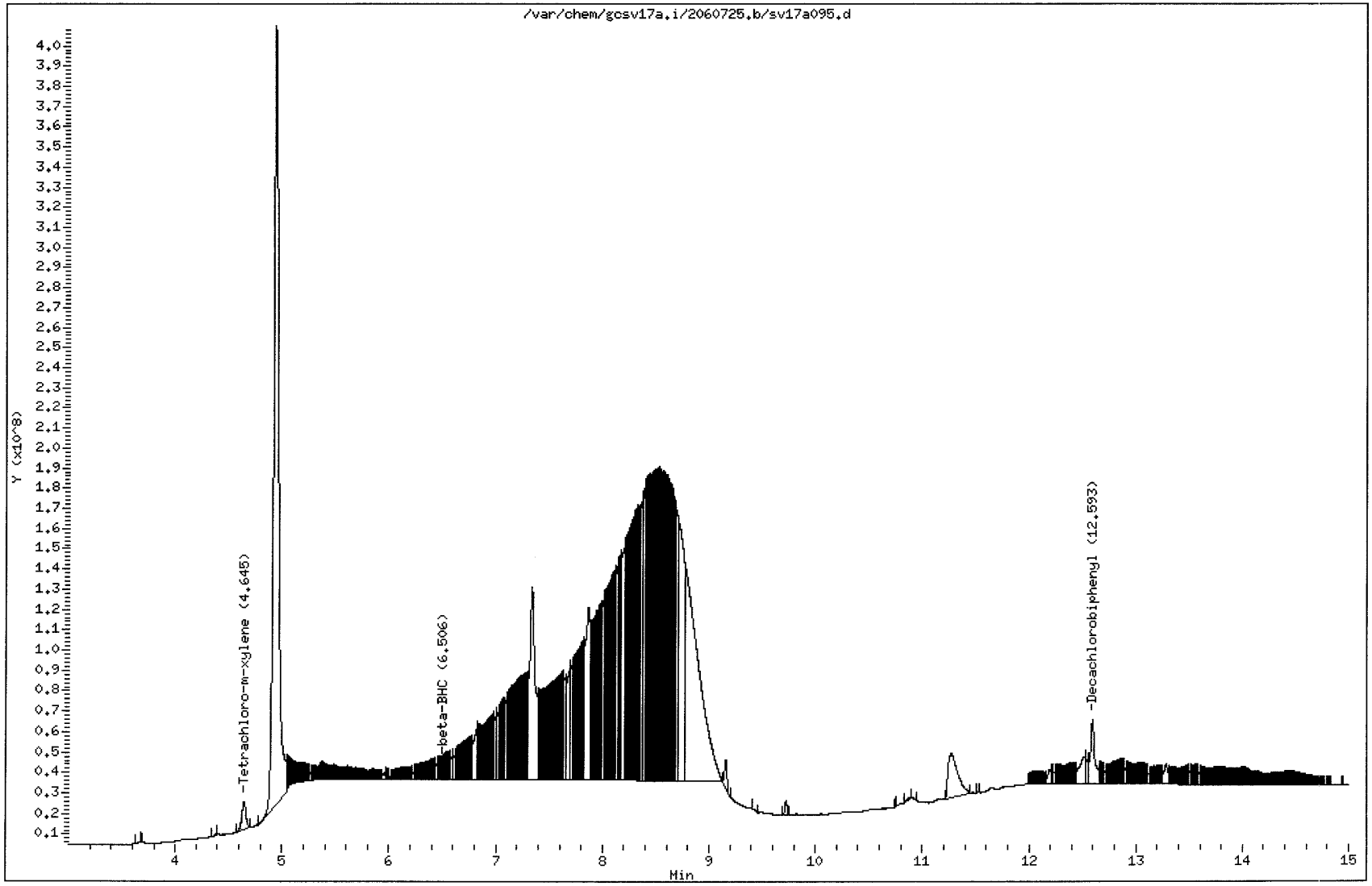
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.645	4.647	-0.002	35554465	8.72669	15
6 beta-BHC	6.506	6.498	0.008	7451279	3.32364	5.5
$ 22 Decachlorobiphenyl	12.593	12.599	-0.006	85391419	27.3773	46

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a095.d
Date : 28-JUL-2006 13:06
Client ID:
Sample Info: 20607200615*10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001594



189566

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 7.4 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SH5SB66-131-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200616
Date Collected: 07/18/06 Time: 1750
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1140
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A092

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	21.2	U	2.85	21.2
11104-28-2	Aroclor-1221	21.2	U	4.87	21.2
11141-16-5	Aroclor-1232	21.2	U	5.34	21.2
53469-21-9	Aroclor-1242	21.2	U	6.23	21.2
12672-29-6	Aroclor-1248	21.2	U	4.15	21.2
11097-69-1	Aroclor-1254	21.2	U	3.45	21.2
11096-82-5	Aroclor-1260	21.2	U	2.88	21.2

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a092.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a092.d
Lab Smp Id: 20607200616
Inj Date : 28-JUL-2006 11:40
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200616*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 92
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.654	4.647	0.007	274244506	67.3121	11
$ 22 Decachlorobiphenyl	12.596	12.599	-0.003	270941058	86.8663	14(M)

QC Flag Legend

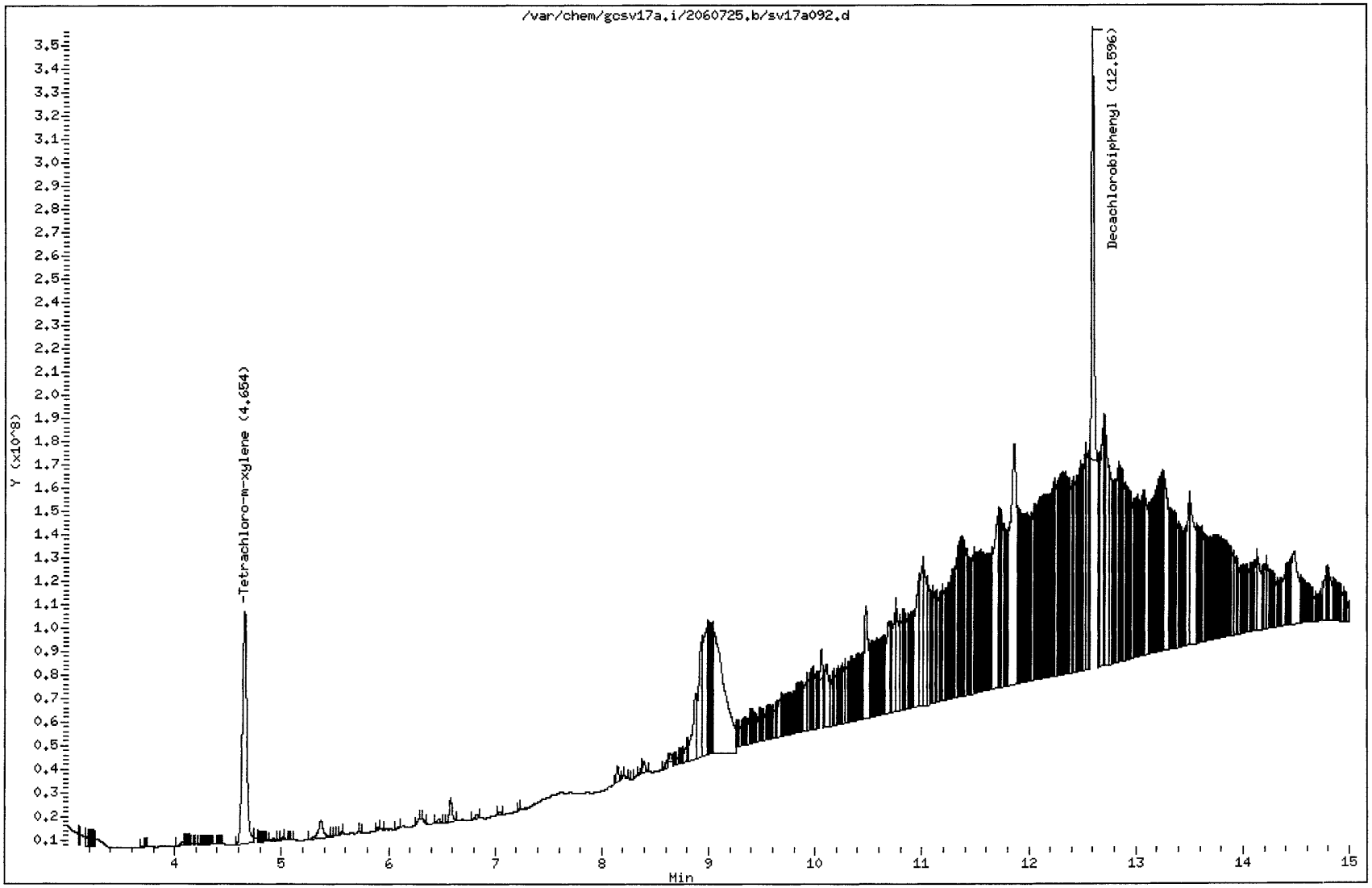
M - Compound response manually integrated.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a092.d
Date : 28-JUL-2006 11:40
Client ID:
Sample Info: 20607200616M1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001597



189569

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 11.9 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SH5SB66-132-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200617
Date Collected: 07/18/06 Time: 1755
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/26/06 Time: 1520
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A059

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	22.7	U	3.05	22.7
11104-28-2	Aroclor-1221	22.7	U	5.20	22.7
11141-16-5	Aroclor-1232	22.7	U	5.70	22.7
53469-21-9	Aroclor-1242	22.7	U	6.65	22.7
12672-29-6	Aroclor-1248	22.7	U	4.43	22.7
11097-69-1	Aroclor-1254	22.7	U	3.68	22.7
11096-82-5	Aroclor-1260	22.7	U	3.07	22.7

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a059.d
Report Date: 31-Jul-2006 14:10

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a059.d
Lab Smp Id: 20607200617
Inj Date : 26-JUL-2006 15:20
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200617*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 59
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

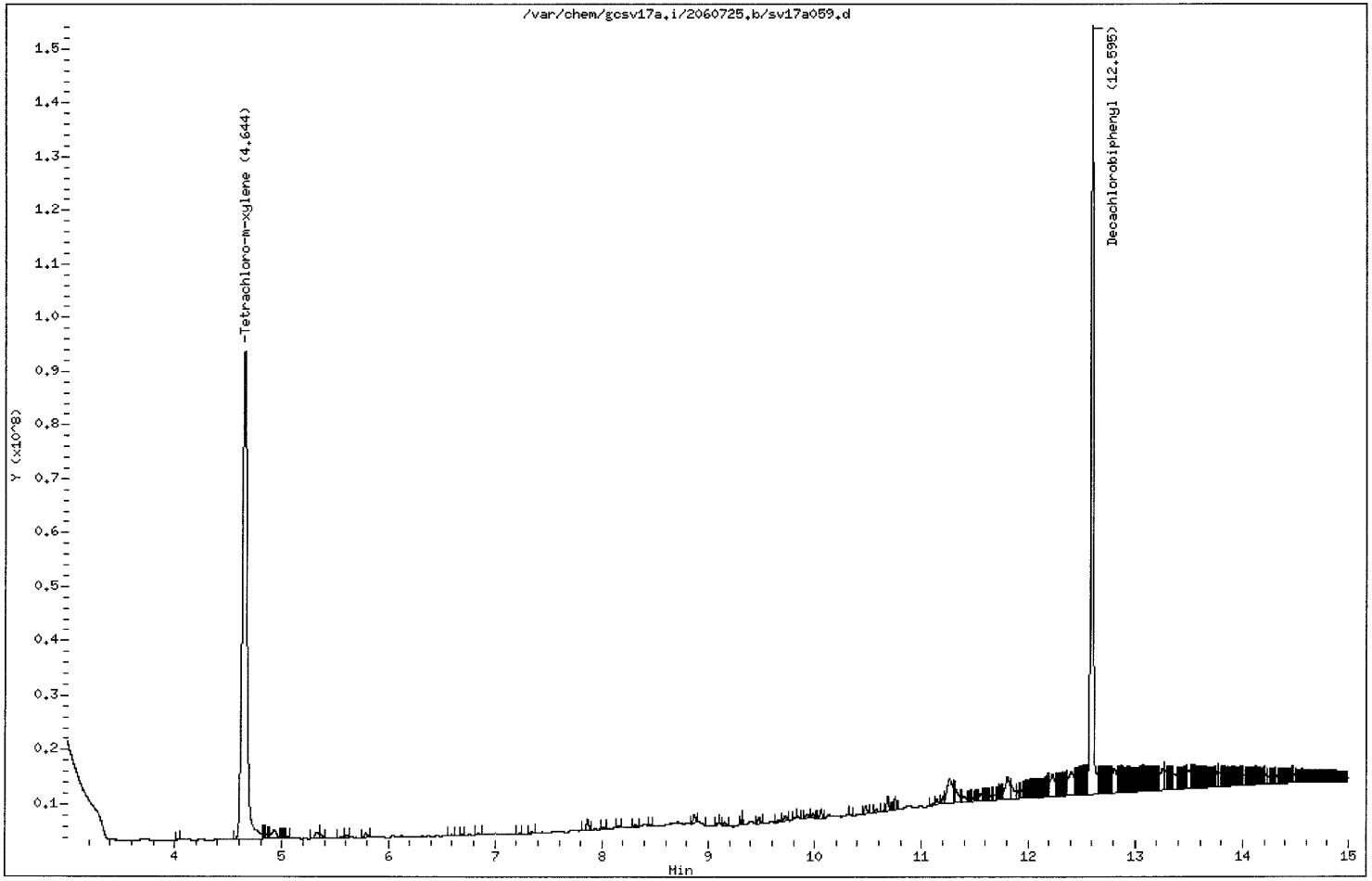
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.644	4.647	-0.003	273146882	67.0427	11
$ 22 Decachlorobiphenyl	12.595	12.599	-0.004	220401259	70.6628	12

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a059.d
Date : 26-JUL-2006 15:20
Client ID:
Sample Info: 20607200617M1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001600

189572

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 21.6 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SH4SB65-130-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200618
Date Collected: 07/18/06 Time: 1830
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1020
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A068

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	25.5	U	3.43	25.5
11104-28-2	Aroclor-1221	25.5	U	5.85	25.5
11141-16-5	Aroclor-1232	25.5	U	6.41	25.5
53469-21-9	Aroclor-1242	25.5	U	7.49	25.5
12672-29-6	Aroclor-1248	25.5	U	4.98	25.5
11097-69-1	Aroclor-1254	25.5	U	4.14	25.5
11096-82-5	Aroclor-1260	25.5	U	3.46	25.5

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a068.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a068.d
Lab Smp Id: 20607200618
Inj Date : 27-JUL-2006 10:20
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200618*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 68
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pcb.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

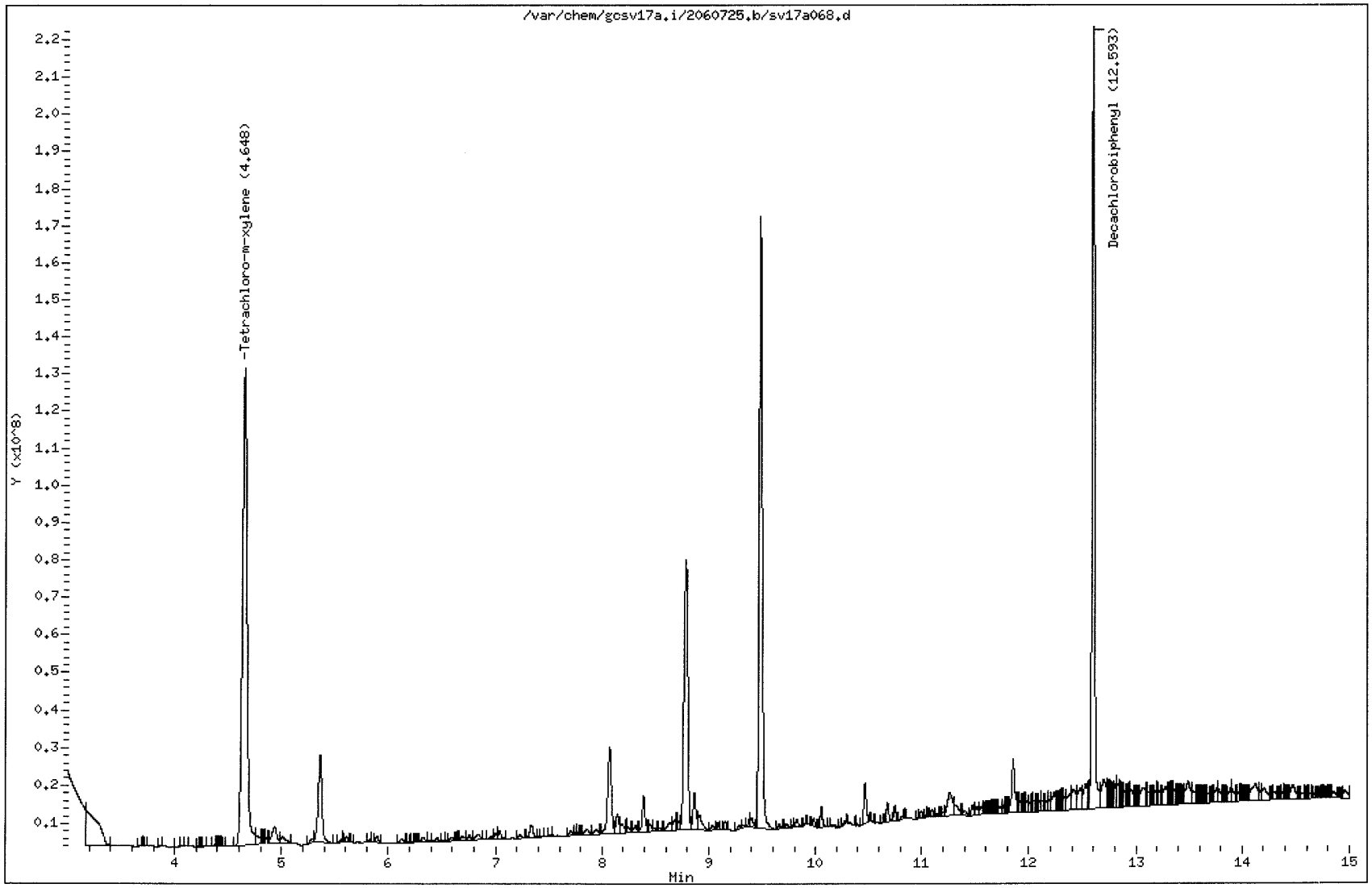
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.648	4.647	0.001	377268583	92.5989	15
$ 22 Decachlorobiphenyl	12.593	12.599	-0.006	328860731	105.436	18

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a068.d
Date : 27-JUL-2006 10:20
Client ID:
Sample Info: 20607200618*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001603



189575

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 20.2 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SH4SB65-129-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200619
Date Collected: 07/18/06 Time: 1825
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1041
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A069

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	25.1	U	3.37	25.1
11104-28-2	Aroclor-1221	25.1	U	5.75	25.1
11141-16-5	Aroclor-1232	25.1	U	6.30	25.1
53469-21-9	Aroclor-1242	25.1	U	7.35	25.1
12672-29-6	Aroclor-1248	25.1	U	4.90	25.1
11097-69-1	Aroclor-1254	25.1	U	4.07	25.1
11096-82-5	Aroclor-1260	25.1	U	3.40	25.1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a069.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a069.d
Lab Smp Id: 20607200619
Inj Date : 27-JUL-2006 10:41
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200619*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 69
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pcb.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

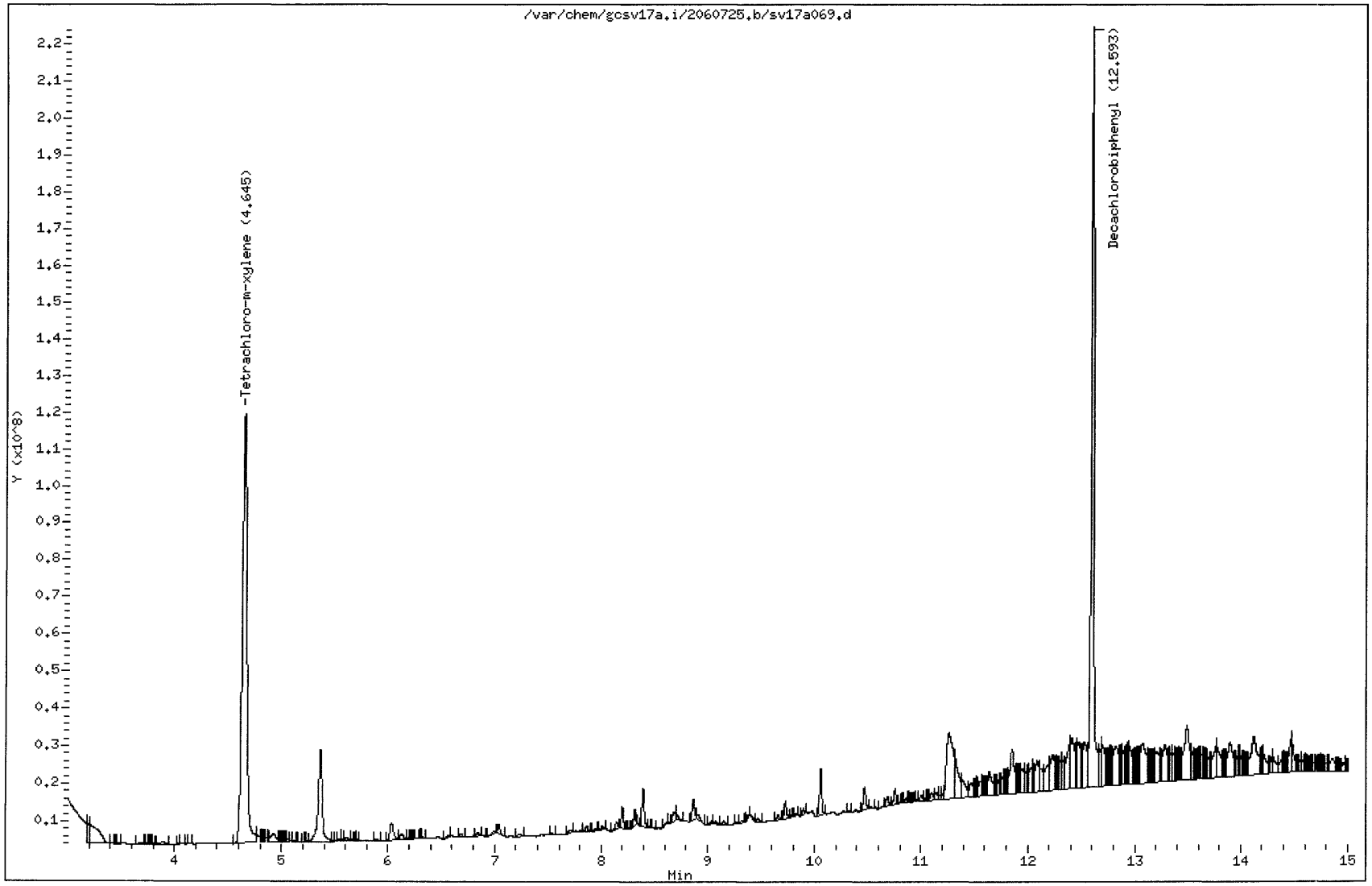
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.645	4.647	-0.002	337630487	82.8699	14
$ 22 Decachlorobiphenyl	12.593	12.599	-0.006	343494150	110.128	18

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a069.d
Date : 27-JUL-2006 10:41
Client ID:
Sample Info: 20607200619*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001606



189578

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 10.9 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SI4SB72-144-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200620
Date Collected: 07/18/06 Time: 1800
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 0938
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A066

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	22.4	U	3.01	22.4
11104-28-2	Aroclor-1221	22.4	U	5.15	22.4
11141-16-5	Aroclor-1232	22.4	U	5.64	22.4
53469-21-9	Aroclor-1242	22.4	U	6.58	22.4
12672-29-6	Aroclor-1248	22.4	U	4.38	22.4
11097-69-1	Aroclor-1254	22.4	U	3.64	22.4
11096-82-5	Aroclor-1260	22.4	U	3.04	22.4

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a066.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a066.d
Lab Smp Id: 20607200620
Inj Date : 27-JUL-2006 09:38
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200620*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pcb.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

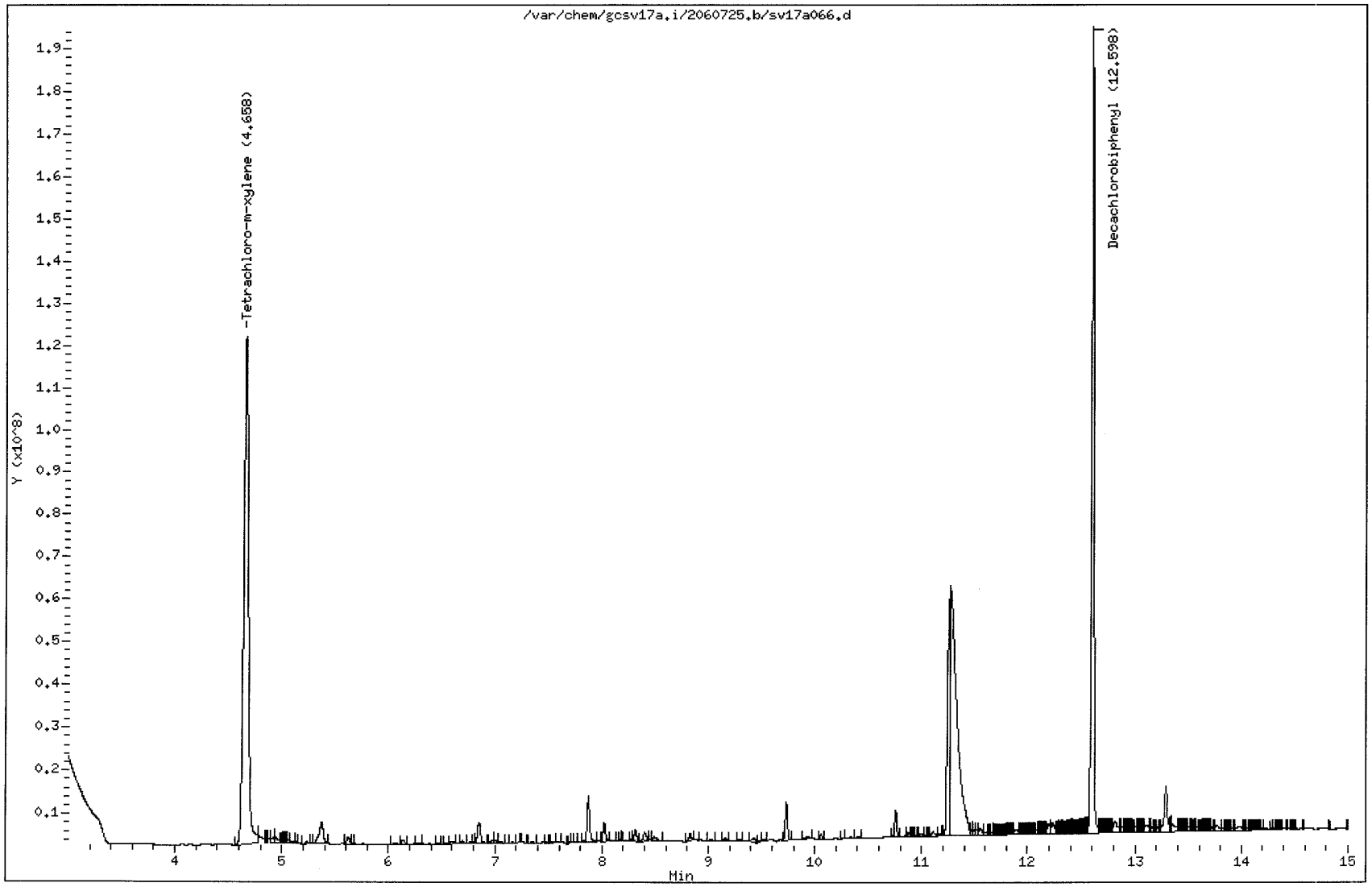
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.658	4.647	0.011	358140598	87.9041	15
$ 22 Decachlorobiphenyl	12.598	12.599	-0.001	283839873	91.0018	15

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a066.d
Date : 27-JUL-2006 09:38
Client ID:
Sample Info: 20607200620*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001609



189581

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 16.2 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SI4SB72-143-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200621
Date Collected: 07/18/06 Time: 1805
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 0959
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A067

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	23.9	U	3.20	23.9
11104-28-2	Aroclor-1221	23.9	U	5.47	23.9
11141-16-5	Aroclor-1232	23.9	U	5.99	23.9
53469-21-9	Aroclor-1242	23.9	U	7.00	23.9
12672-29-6	Aroclor-1248	23.9	U	4.66	23.9
11097-69-1	Aroclor-1254	23.9	U	3.87	23.9
11096-82-5	Aroclor-1260	23.9	U	3.23	23.9

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a067.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a067.d
Lab Smp Id: 20607200621
Inj Date : 27-JUL-2006 09:59
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200621*1
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 67
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pcb.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.646	4.647	-0.001	333359367	81.8216	14
$ 22 Decachlorobiphenyl	12.593	12.599	-0.006	280067912	89.7925	15

001611

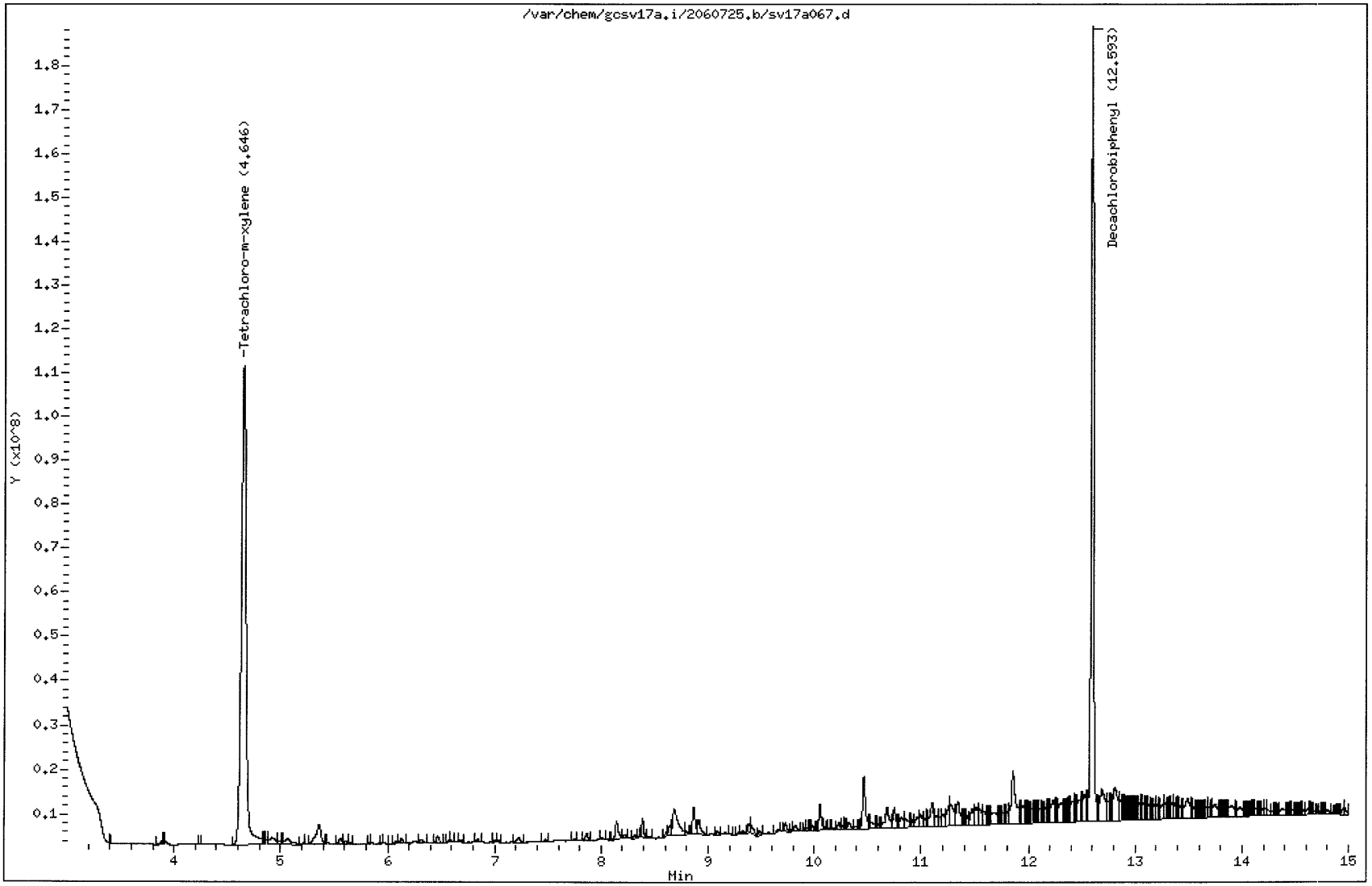
189583

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a067.d
Date : 27-JUL-2006 09:59
Client ID:
Sample Info: 20607200621*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001612



189584

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328465 Analytical Batch: 328836

Sample ID: FB-503
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200622
Date Collected: 07/18/06 Time: 1845
Date Received: 07/20/06
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 0357
Dilution Factor: 1 Analyst: TLS
Prep Method: 3510C
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060723/SV17A037

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	0.500	U	0.125	0.500
11104-28-2	Aroclor-1221	0.500	U	0.115	0.500
11141-16-5	Aroclor-1232	0.500	U	0.100	0.500
53469-21-9	Aroclor-1242	0.500	U	0.125	0.500
12672-29-6	Aroclor-1248	0.500	U	0.065	0.500
11097-69-1	Aroclor-1254	0.500	U	0.105	0.500
11096-82-5	Aroclor-1260	0.500	U	0.120	0.500

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a037.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a037.d
Lab Smp Id: 20607200622
Inj Date : 24-JUL-2006 03:57
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200622*1
Misc Info : GCSV~9694~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 16:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 37
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

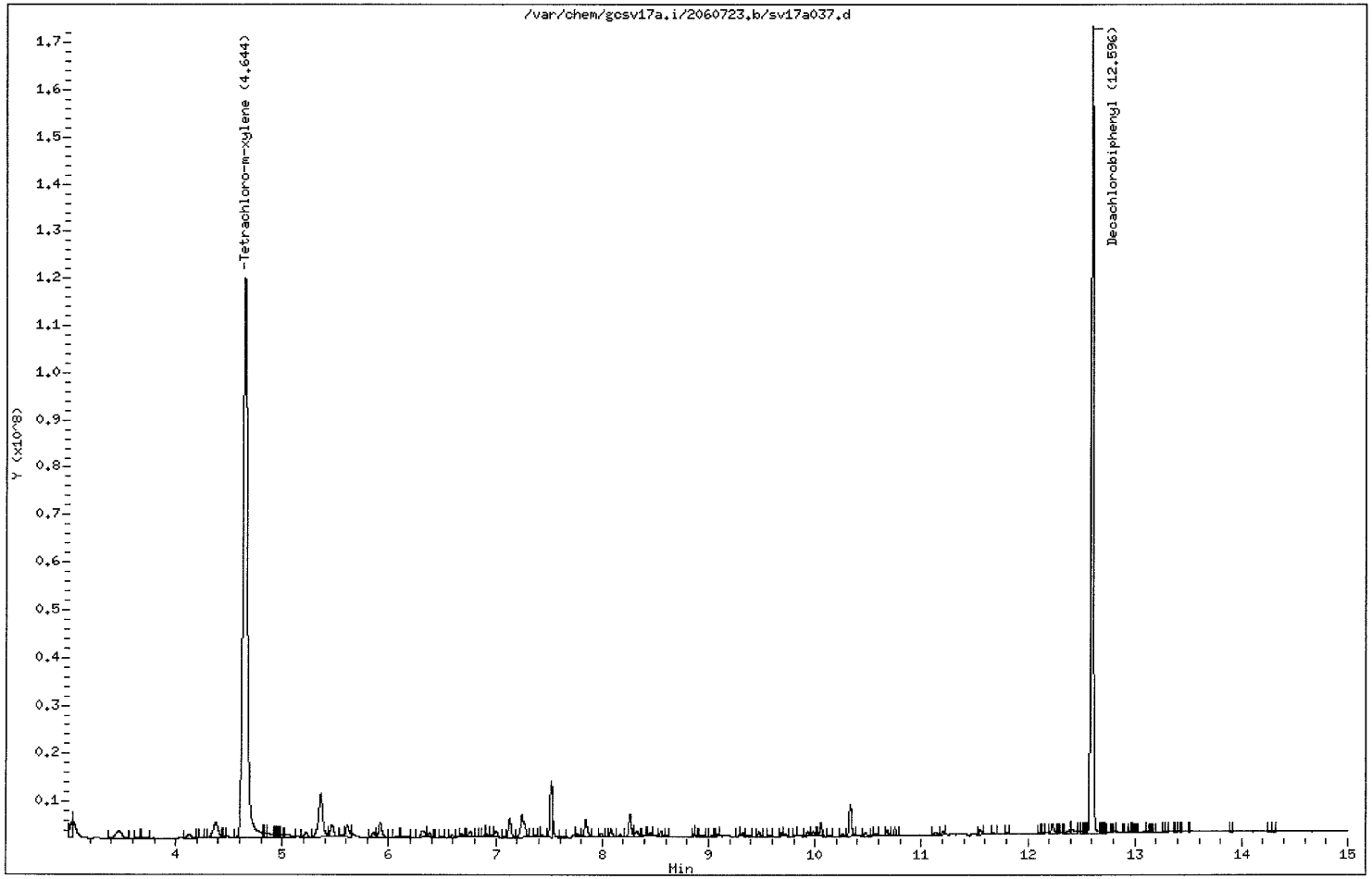
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
$ 1 Tetrachloro-m-xylene	4.644	4.649	-0.005	336144820	82.5053	0.41
$ 22 Decachlorobiphenyl	12.596	12.601	-0.005	248892942	79.7975	0.40

001615

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a037.d
Date : 24-JUL-2006 03:57
Client ID:
Sample Info: 20607200622*1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189587

Report Date : 15-Aug-2006 16:56

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 17:56
End Cal Date : 21-JUL-2006 00:57
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date : 26-Jul-2006 16:25 tls
Curve Type : Average

Calibration File Names:
Level 1: /var/chem/gcsv17a.i/2060720.b/sv17a018.d
Level 2: /var/chem/gcsv17a.i/2060720.b/sv17a019.d
Level 3: /var/chem/gcsv17a.i/2060720.b/sv17a020.d
Level 4: /var/chem/gcsv17a.i/2060720.b/sv17a021.d
Level 5: /var/chem/gcsv17a.i/2060720.b/sv17a022.d
Level 6: /var/chem/gcsv17a.i/2060720.b/sv17a017.d

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
	2 alpha-BHC	5169889	5604575	5546566	5556361	5594436	5700269	5528683	3.329
	3 gamma-BHC (Lindane)	4713497	4886397	4795790	4798317	4845940	+++++	4807988	1.346
	4 Heptachlor	3766714	4024910	3974637	3977057	4045191	+++++	3957702	2.805
	5 Aldrin	4317225	4507002	4423566	4444236	4448241	+++++	4428054	1.565
	6 beta-BHC	2483400	2279386	2150988	2143636	2152122	+++++	2241906	6.529
	7 delta-BHC	4632714	4842514	4775540	4759452	4803666	+++++	4762777	1.664
	8 Heptachlor epoxide	3971595	3967564	3863706	3881798	3896410	+++++	3916215	1.279
	9 Endosulfan I	3478561	3640135	3611628	3681095	3651476	+++++	3612579	2.185
	10 gamma-Chlordane	4120567	4065386	3968127	3980176	3986437	+++++	4024139	1.643
	11 alpha-Chlordane	3684989	3831788	3748052	3725152	3773843	+++++	3752765	1.464
	12 4,4'-DDE	4164350	4155276	4017942	4043341	4054263	+++++	4087034	1.659
	13 Dieldrin	4131290	4228754	4126093	4168170	4176447	+++++	4166151	0.993
	14 Endrin	3370248	3370408	3273421	3273619	3358968	+++++	3329333	1.537
	15 4,4'-DDD	3304731	3306781	3261270	3290062	3324888	+++++	3297546	0.720
	16 Endosulfan II	3472352	3527129	3441915	3475947	3492493	+++++	3481967	0.895
	17 4,4'-DDT	2730852	2844561	2903942	2953630	3042443	+++++	2895086	4.041
	18 Endrin aldehyde	3133292	2946951	2828521	2859335	2850045	+++++	2923629	4.296
	19 Methoxychlor	1452085	1504393	1532284	1571485	1612179	+++++	1534485	4.005
	20 Endosulfan sulfate	3260646	3185232	3089760	3107460	3147665	+++++	3158153	2.159
	21 Endrin ketone	3825994	3776094	3660740	3705743	3727525	+++++	3739219	1.708
M	23 AR 1016-AVG	752339	708125	681106	650706	623058	774036	698228	8.345

Report Date : 15-Aug-2006 16:56

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 17:56
End Cal Date : 21-JUL-2006 00:57
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date : 26-Jul-2006 16:25 tls
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
	24 AR 1016-PEAK1	86118	79028	73070	67229	63085	86152	75780	12.748
	25 AR 1016-PEAK2	189973	177535	167336	158043	149468	196399	173126	10.543
	26 AR 1016-PEAK3	353038	336484	330776	320097	309275	363595	335544	6.027
	27 AR 1016-PEAK4	123210	115078	109924	105337	101230	127890	113778	9.077
M	28 AR 1260-AVG	958194	930792	916749	906839	899537	981154	932211	3.400
	29 AR 1260-PEAK1	124314	118476	114457	111425	108877	134516	118677	7.986
	30 AR 1260-PEAK2	208937	195435	187724	183273	179867	205319	193426	6.141
	31 AR 1260-PEAK3	230289	221743	217541	213478	210660	245615	223221	5.802
	32 AR 1260-PEAK4	394654	395138	397027	398663	400132	395705	396886	0.542
M	33 AR 1260-AVGII	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	34 AR 1260-PEAK5	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	35 AR 1260-PEAK6	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	36 AR 1260-PEAK7	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	37 AR 1221-AVG	+++++	+++++	135467	+++++	+++++	+++++	135467	0.000
	38 AR 1221-PEAK1	+++++	+++++	36514	+++++	+++++	+++++	36514	0.000
	39 AR 1221-PEAK2	+++++	+++++	44997	+++++	+++++	+++++	44997	0.000
	40 AR 1221-PEAK3	+++++	+++++	29170	+++++	+++++	+++++	29170	0.000
	41 AR 1221-PEAK4	+++++	+++++	24786	+++++	+++++	+++++	24786	0.000
M	42 AR 1232-AVG	+++++	+++++	334285	+++++	+++++	+++++	334285	0.000
	43 AR 1232-PEAK1	+++++	+++++	81795	+++++	+++++	+++++	81795	0.000
	44 AR 1232-PEAK2	+++++	+++++	76196	+++++	+++++	+++++	76196	0.000
	45 AR 1232-PEAK3	+++++	+++++	128436	+++++	+++++	+++++	128436	0.000
	46 AR 1232-PEAK4	+++++	+++++	47859	+++++	+++++	+++++	47859	0.000
M	47 AR 1242-AVG	+++++	+++++	556023	+++++	+++++	+++++	556023	0.000
	48 AR 1242-PEAK1	+++++	+++++	130076	+++++	+++++	+++++	130076	0.000
	49 AR 1242-PEAK2	+++++	+++++	249591	+++++	+++++	+++++	249591	0.000
	50 AR 1242-PEAK3	+++++	+++++	84708	+++++	+++++	+++++	84708	0.000
	51 AR 1242-PEAK4	+++++	+++++	91649	+++++	+++++	+++++	91649	0.000
M	52 AR 1248-AVG	+++++	+++++	537071	+++++	+++++	+++++	537071	0.000

Report Date : 15-Aug-2006 16:56

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 17:56
End Cal Date : 21-JUL-2006 00:57
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date : 26-Jul-2006 16:25 tls
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	RRF	% RSD
	53 AR 1248-PEAK1	+++++	+++++	104716	+++++	+++++	+++++	104716	0.000
	54 AR 1248-PEAK2	+++++	+++++	134638	+++++	+++++	+++++	134638	0.000
	55 AR 1248-PEAK3	+++++	+++++	173200	+++++	+++++	+++++	173200	0.000
	56 AR 1248-PEAK4	+++++	+++++	124517	+++++	+++++	+++++	124517	0.000
M	57 AR 1254-AVG	+++++	+++++	470607	+++++	+++++	+++++	470607	0.000
	58 AR 1254-PEAK1	+++++	+++++	61927	+++++	+++++	+++++	61927	0.000
	59 AR 1254-PEAK2	+++++	+++++	60080	+++++	+++++	+++++	60080	0.000
	60 AR 1254-PEAK3	+++++	+++++	113968	+++++	+++++	+++++	113968	0.000
	61 AR 1254-PEAK4	+++++	+++++	234632	+++++	+++++	+++++	234632	0.000
M	62 TOXAPHENE-AVG	+++++	+++++	+++++	+++++	426301	+++++	426301	0.000
	63 TOXAPHENE-PEAK1	+++++	+++++	+++++	+++++	107727	+++++	107727	0.000
	64 TOXAPHENE-PEAK2	+++++	+++++	+++++	+++++	121407	+++++	121407	0.000
	65 TOXAPHENE-PEAK3	+++++	+++++	+++++	+++++	97482	+++++	97482	0.000
	66 TOXAPHENE-PEAK4	+++++	+++++	+++++	+++++	99685	+++++	99685	0.000
	67 TOXAPHENE-PEAK5	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	68 CHLORDANE-AVG	+++++	+++++	+++++	+++++	1177135	+++++	1177135	0.000
	69 CHLORDANE-PEAK1	+++++	+++++	+++++	+++++	160825	+++++	160825	0.000
	70 CHLORDANE-PEAK2	+++++	+++++	+++++	+++++	187467	+++++	187467	0.000
	71 CHLORDANE-PEAK3	+++++	+++++	+++++	+++++	438939	+++++	438939	0.000
	72 CHLORDANE-PEAK4	+++++	+++++	+++++	+++++	389904	+++++	389904	0.000
	73 CHLORDANE-PEAK5	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	74 AR 1268-AVG	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	75 AR 1268-PEAK1	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	76 AR 1268-PEAK2	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	77 AR 1268-PEAK3	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	78 AR 1268 PEAK4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
M	79 AR 1262-AVG	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	80 AR 1262-PEAK1	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	81 AR 1262-PEAK2	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Report Date : 15-Aug-2006 16:56

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2006 17:56
End Cal Date : 21-JUL-2006 00:57
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date : 26-Jul-2006 16:25 tls
Curve Type : Average

Compound	5.000 Level 1	20.000 Level 2	60.000 Level 3	80.000 Level 4	100.000 Level 5	2.500 Level 6	___ RRF	% RSD
82 AR 1262-PEAK3	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
83 AR 1262-PEAK4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
84 Diallate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
85 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
86 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 1 Tetrachloro-m-xylene	3962036	4248865	4088937	4088191	3983079	+++++	4074222	2.793
$ 22 Decachlorobiphenyl	3348656	3225224	3004405	3020278	2996728	+++++	3119058	5.116

Report Date : 15-Aug-2006 16:56

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date	: 20-JUL-2006 17:56
End Cal Date	: 21-JUL-2006 00:57
Quant Method	: ESTD
Origin	: Disabled
Target Version	: 3.50
Integrator	: Falcon
Method file	: /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Cal Date	: 26-Jul-2006 16:25 tls
Curve Type	: Average

```
|Average %RSD Results.                                |
|=====================================================|
|Calculated Average %RSD =    3.88569                 |
|Maximun Average %RSD    =   20.00000                 |
|* Passed Average %RSD Test.                          |
|_____________________________________________________|
```

001620

189592

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a012.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a012.d
Lab Smp Id: 1203
Inj Date : 20-JUL-2006 21:26
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1203*1 65-16-9
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:15 Cal File: sv17a020.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1221.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

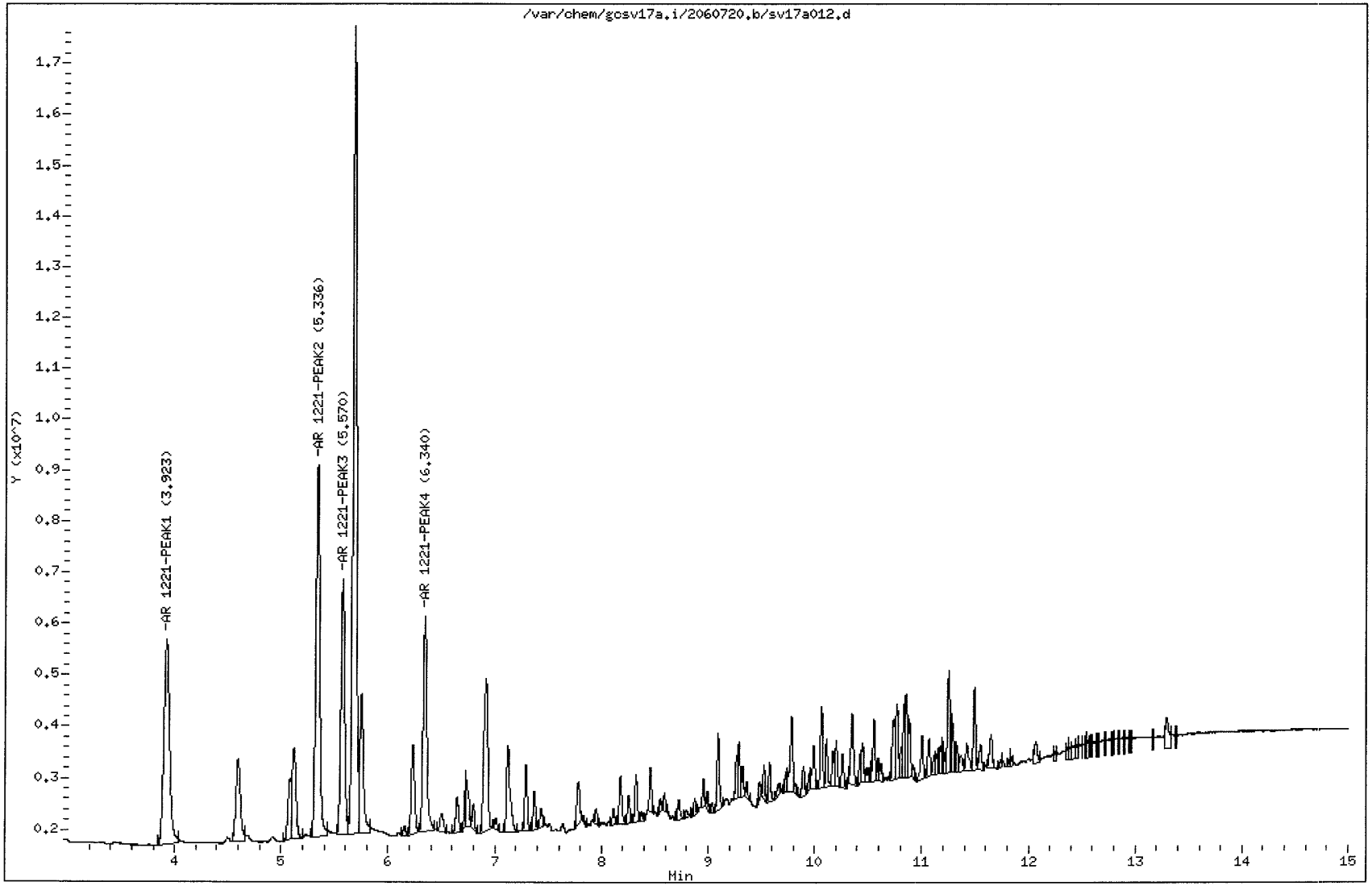
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 37 AR 1221-AVG				54186710	400.000	400
38 AR 1221-PEAK1	3.923	3.923	0.000	14605504	400.000	400
39 AR 1221-PEAK2	5.336	5.336	0.000	17998813	400.000	400
40 AR 1221-PEAK3	5.570	5.570	0.000	11667971	400.000	400
41 AR 1221-PEAK4	6.340	6.340	0.000	9914422	400.000	400

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a012.d
Date : 20-JUL-2006 21:26
Client ID:
Sample Info: 1203x1 65-16-9
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001622



189594

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a013.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a013.d
Lab Smp Id: 1203
Inj Date : 20-JUL-2006 21:47
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1203*1 65-16-10
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:15 Cal File: sv17a020.d
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1232.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

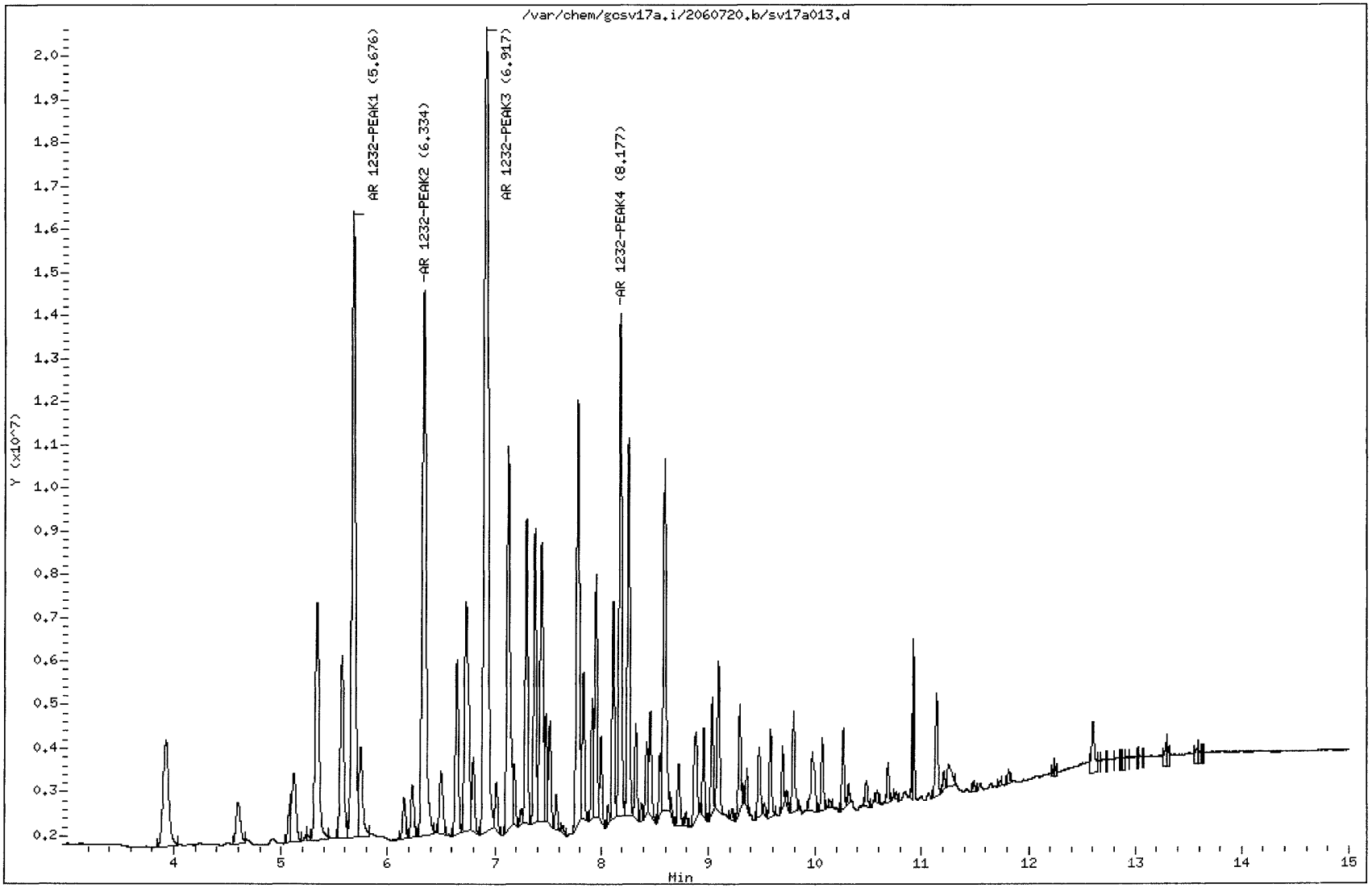
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 42 AR 1232-AVG				133714071	400.000	400
43 AR 1232-PEAK1	5.676	5.676	0.000	32717902	400.000	400
44 AR 1232-PEAK2	6.334	6.334	0.000	30478268	400.000	400
45 AR 1232-PEAK3	6.917	6.917	0.000	51374340	400.000	400
46 AR 1232-PEAK4	8.177	8.177	0.000	19143561	400.000	400

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a013.d
Date : 20-JUL-2006 21:47
Client ID:
Sample Info: 1203x1 65-16-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001624



189596

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a014.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a014.d
Lab Smp Id: 1203
Inj Date : 20-JUL-2006 22:09
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1203*1 65-17-1
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:15 Cal File: sv17a020.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1242.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

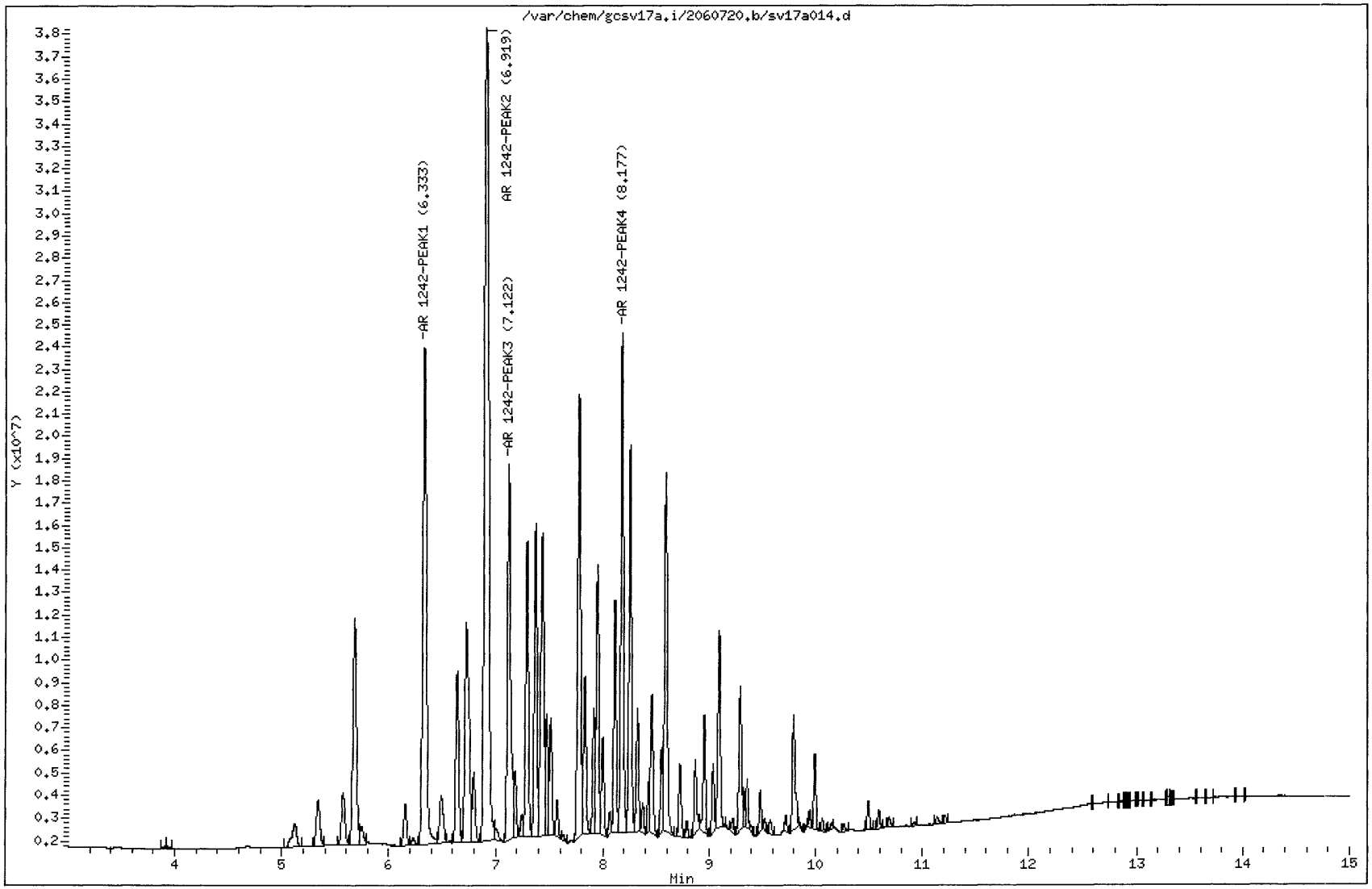
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 47 AR 1242-AVG				222409253	400.000	400
48 AR 1242-PEAK1	6.333	6.333	0.000	52030395	400.000	400
49 AR 1242-PEAK2	6.919	6.919	0.000	99836389	400.000	400
50 AR 1242-PEAK3	7.122	7.122	0.000	33883017	400.000	400
51 AR 1242-PEAK4	8.177	8.177	0.000	36659452	400.000	400

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a014.d
Date : 20-JUL-2006 22:09
Client ID:
Sample Info: 1203x1 65-17-1
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001626



189598

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a015.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a015.d
Lab Smp Id: 1203
Inj Date : 20-JUL-2006 22:30
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1203*1 65-17-2
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:15 Cal File: sv17a020.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1248.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

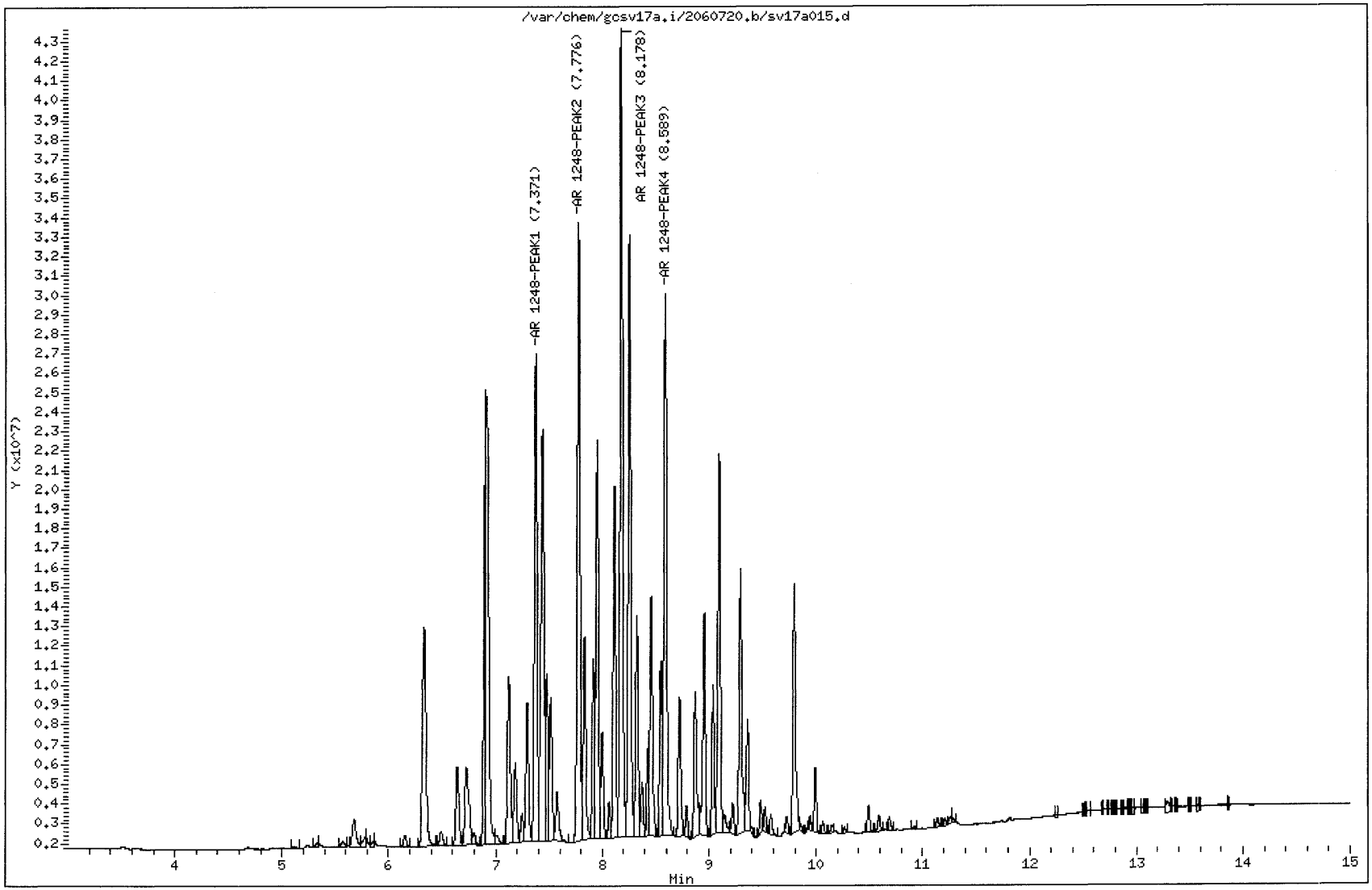
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 52 AR 1248-AVG				214828283	400.000	400
53 AR 1248-PEAK1	7.371	7.371	0.000	41886201	400.000	400
54 AR 1248-PEAK2	7.776	7.776	0.000	53855183	400.000	400
55 AR 1248-PEAK3	8.178	8.178	0.000	69280173	400.000	400
56 AR 1248-PEAK4	8.589	8.589	0.000	49806726	400.000	400

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a015.d
Date : 20-JUL-2006 22:30
Client ID:
Sample Info: 1203x1 65-17-2
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001628



189600

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a016.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a016.d
Lab Smp Id: 1203
Inj Date : 20-JUL-2006 22:51
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1203*1 65-17-3
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:15 Cal File: sv17a020.d
Als bottle: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1254.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

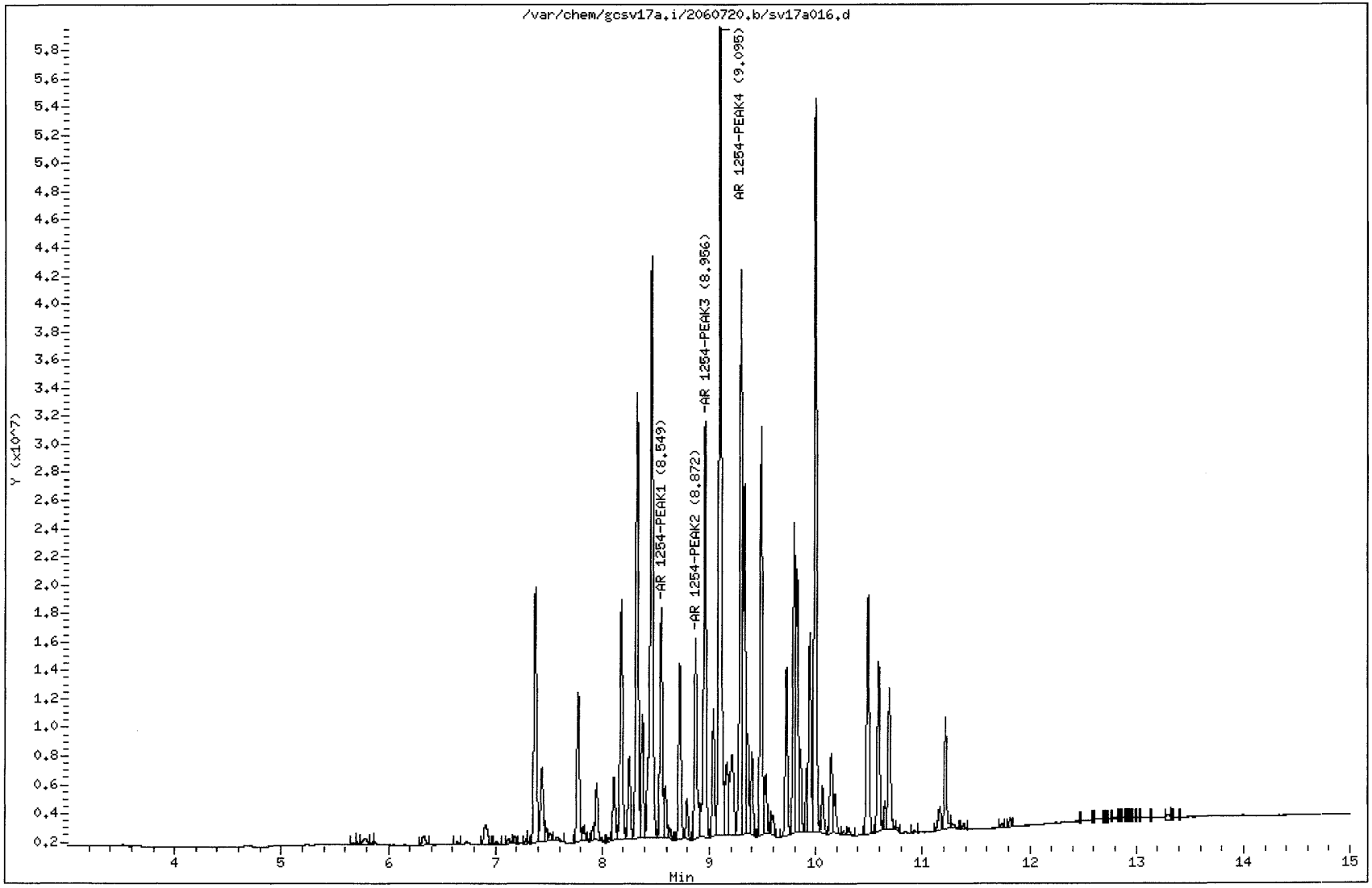
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 57 AR 1254-AVG				188242803	400.000	400
58 AR 1254-PEAK1	8.549	8.549	0.000	24770876	400.000	400
59 AR 1254-PEAK2	8.872	8.872	0.000	24032140	400.000	400
60 AR 1254-PEAK3	8.956	8.956	0.000	45587089	400.000	400
61 AR 1254-PEAK4	9.095	9.095	0.000	93852698	400.000	400

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a016.d
Date : 20-JUL-2006 22:51
Client ID:
Sample Info: 1203x1 65-17-3
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001630



189602

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a017.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a017.d
Lab Smp Id: 1206
Inj Date : 20-JUL-2006 23:12
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1206*1 50
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 23:12 Cal File: sv17a017.d
Als bottle: 17 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				38701800	50.0000	55
24 AR 1016-PEAK1	5.675	5.676	-0.001	4307586	50.0000	57(M)
25 AR 1016-PEAK2	6.331	6.331	0.000	9819963	50.0000	57(M)
26 AR 1016-PEAK3	6.917	6.918	-0.001	18179760	50.0000	54(M)
27 AR 1016-PEAK4	7.122	7.121	0.001	6394491	50.0000	56
M 28 AR 1260-AVG				49057702	50.0000	53
29 AR 1260-PEAK1	9.115	9.117	-0.002	6725793	50.0000	57(M)
30 AR 1260-PEAK2	9.326	9.327	-0.001	10265930	50.0000	53
31 AR 1260-PEAK3	9.483	9.483	0.000	12280747	50.0000	55
32 AR 1260-PEAK4	10.687	10.688	-0.001	19785232	50.0000	50

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a017.d
Report Date: 23-Jul-2006 12:51

QC Flag Legend

M - Compound response manually integrated.

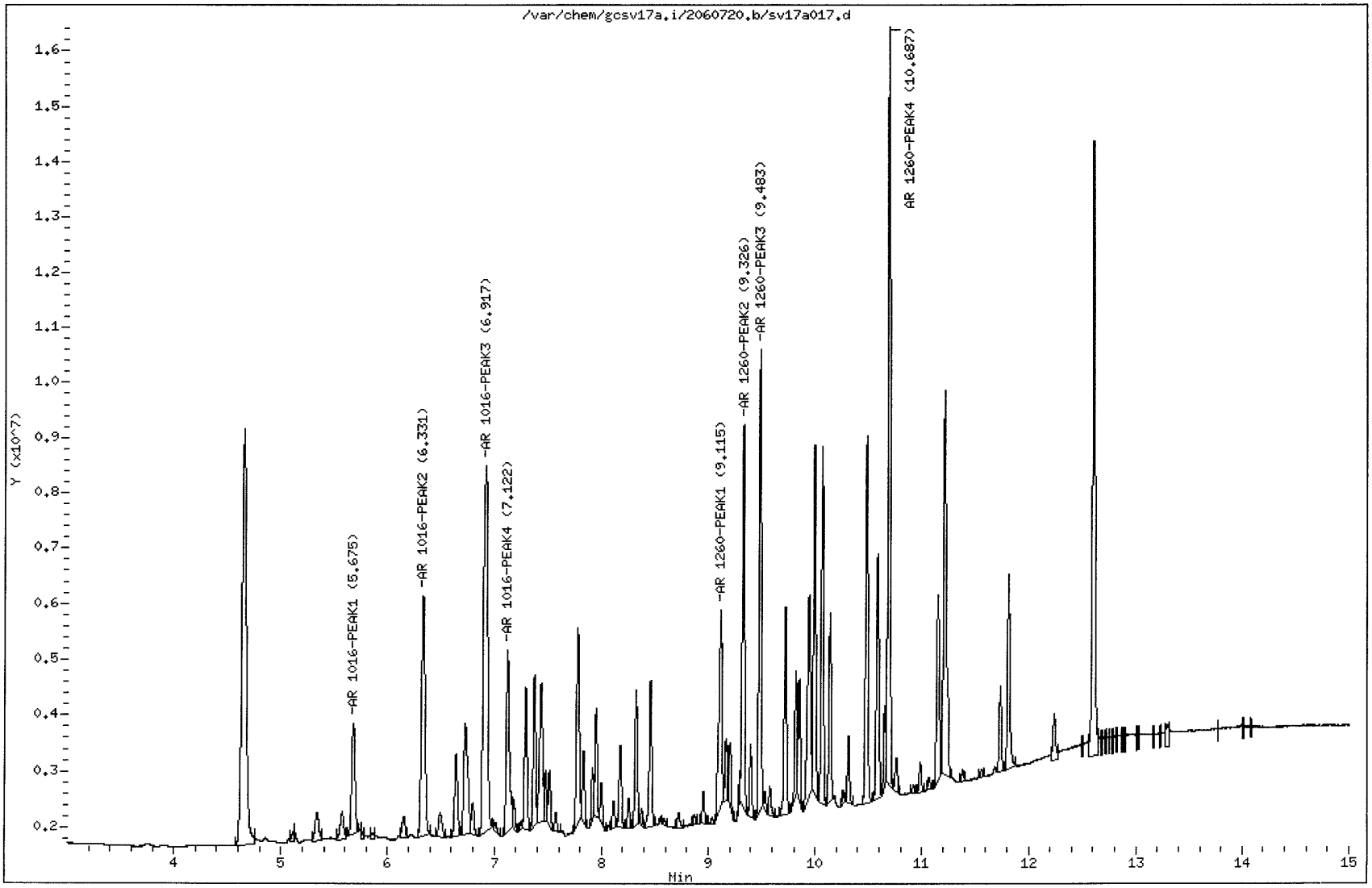
189604

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a017.d
Date : 20-JUL-2006 23:12
Client ID:
Sample Info: 1206*1 50
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001633



189605

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a018.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a018.d
Lab Smp Id: 1201
Inj Date : 20-JUL-2006 23:32
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1201*1 100
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 23:32 Cal File: sv17a018.d
Als bottle: 18 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

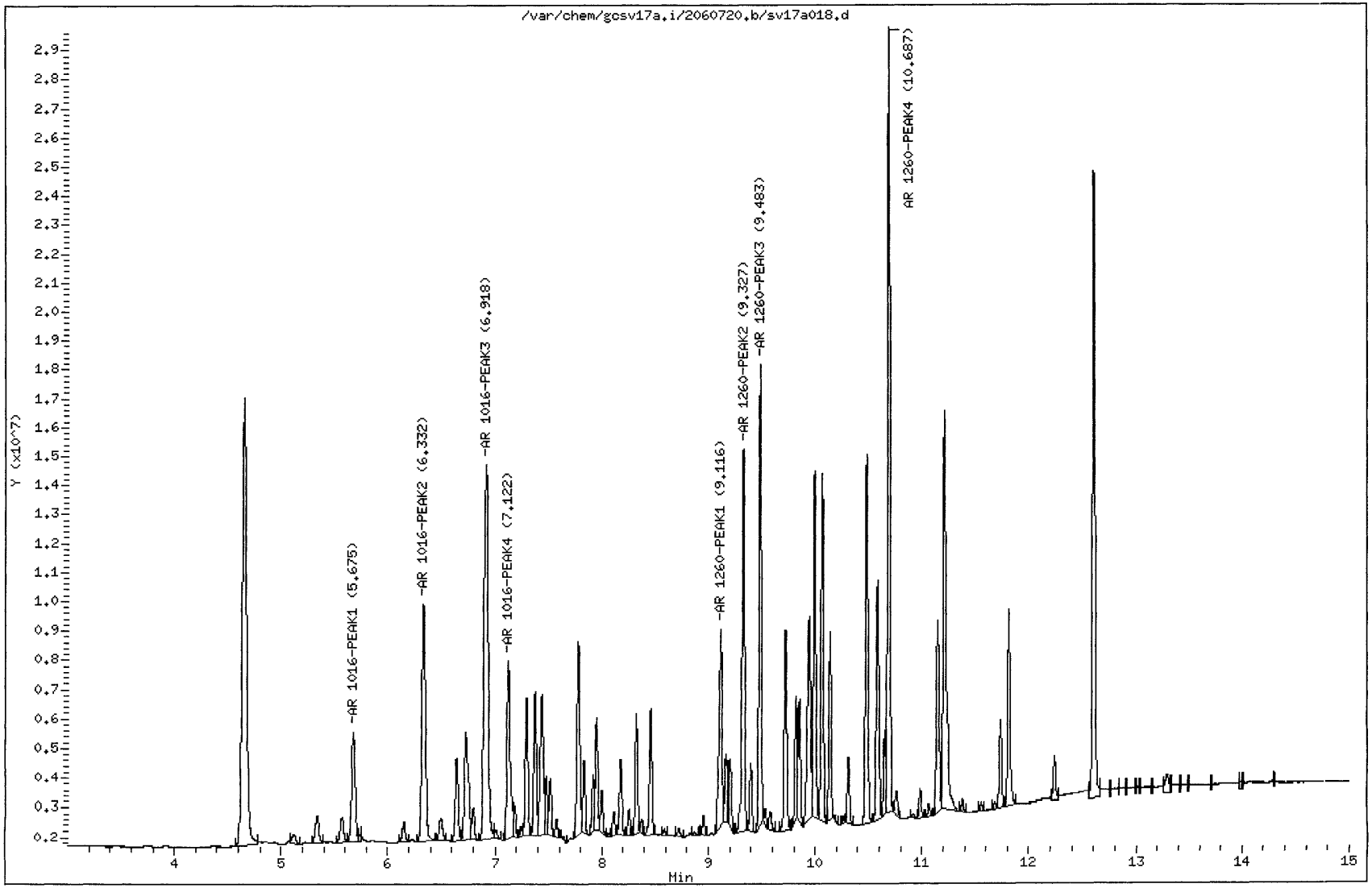
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				75233903	100.000	110
24 AR 1016-PEAK1	5.675	5.676	-0.001	8611844	100.000	110
25 AR 1016-PEAK2	6.332	6.331	0.001	18997305	100.000	110
26 AR 1016-PEAK3	6.918	6.918	0.000	35303751	100.000	110
27 AR 1016-PEAK4	7.122	7.121	0.001	12321003	100.000	110
M 28 AR 1260-AVG				95819380	100.000	100
29 AR 1260-PEAK1	9.116	9.117	-0.001	12431393	100.000	100
30 AR 1260-PEAK2	9.327	9.327	0.000	20893683	100.000	110
31 AR 1260-PEAK3	9.483	9.483	0.000	23028942	100.000	100
32 AR 1260-PEAK4	10.687	10.688	-0.001	39465362	100.000	99

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a018.d
Date : 20-JUL-2006 23:32
Client ID:
Sample Info: 1201x1 100
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001635



189607

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a019.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a019.d
Lab Smp Id: 1202
Inj Date : 20-JUL-2006 23:54
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1202*1 200
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 20-JUL-2006 23:54 Cal File: sv17a019.d
Als bottle: 19 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

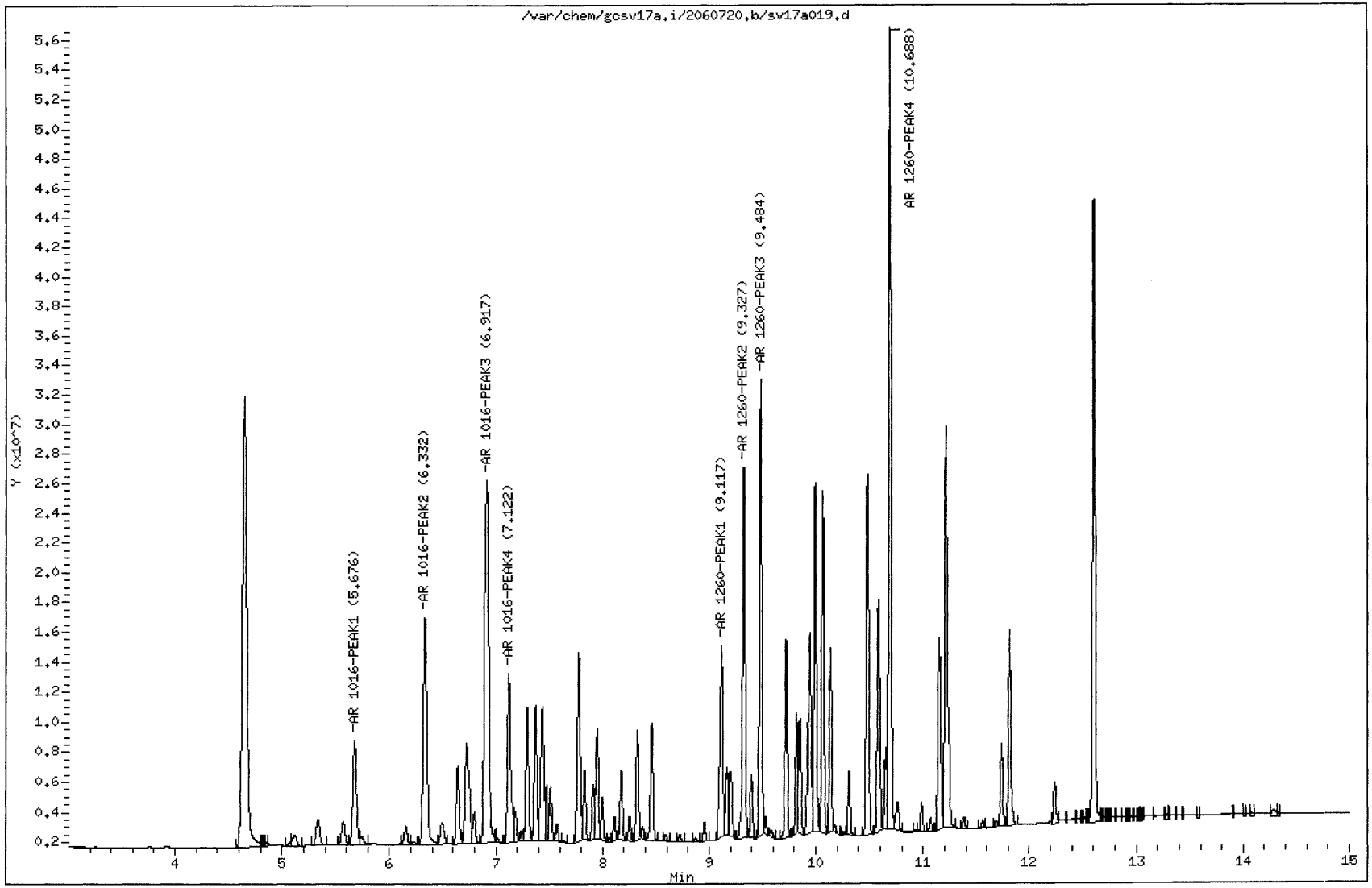
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				141624986	200.000	200
24 AR 1016-PEAK1	5.676	5.676	0.000	15805545	200.000	210
25 AR 1016-PEAK2	6.332	6.331	0.001	35506999	200.000	210
26 AR 1016-PEAK3	6.917	6.918	-0.001	67296866	200.000	200
27 AR 1016-PEAK4	7.122	7.121	0.001	23015576	200.000	200
M 28 AR 1260-AVG				186158482	200.000	200
29 AR 1260-PEAK1	9.117	9.117	0.000	23695234	200.000	200
30 AR 1260-PEAK2	9.327	9.327	0.000	39087084	200.000	200
31 AR 1260-PEAK3	9.484	9.483	0.001	44348517	200.000	200
32 AR 1260-PEAK4	10.688	10.688	0.000	79027647	200.000	200

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a019.d
Date : 20-JUL-2006 23:54
Client ID:
Sample Info: 1202x1 200
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001637



189609

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a020.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a020.d
Lab Smp Id: 1203
Inj Date : 21-JUL-2006 00:15
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1203*1 400
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:15 Cal File: sv17a020.d
Als bottle: 20 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

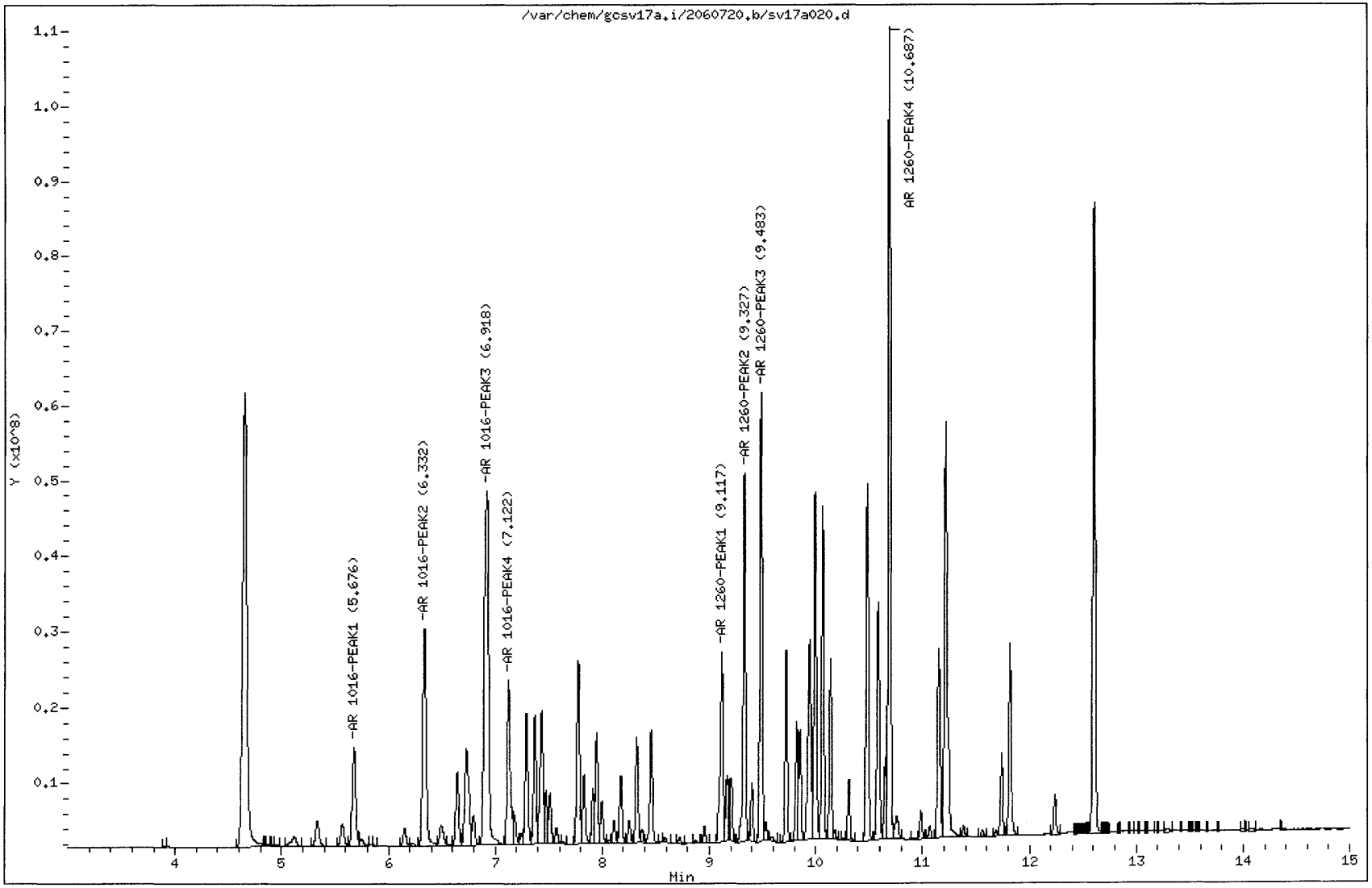
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				272442571	400.000	390
24 AR 1016-PEAK1	5.676	5.676	0.000	29228124	400.000	390
25 AR 1016-PEAK2	6.332	6.332	0.000	66934582	400.000	390
26 AR 1016-PEAK3	6.918	6.918	0.000	132310409	400.000	390
27 AR 1016-PEAK4	7.122	7.122	0.000	43969456	400.000	390
M 28 AR 1260-AVG				366699754	400.000	390
29 AR 1260-PEAK1	9.117	9.117	0.000	45782798	400.000	390
30 AR 1260-PEAK2	9.327	9.327	0.000	75089727	400.000	390
31 AR 1260-PEAK3	9.483	9.483	0.000	87016406	400.000	390
32 AR 1260-PEAK4	10.687	10.688	-0.001	158810823	400.000	400

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a020.d
Date : 21-JUL-2006 00:15
Client ID:
Sample Info: 1203*1 400
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001639



189611

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a021.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a021.d
Lab Smp Id: 1204
Inj Date : 21-JUL-2006 00:36
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1204*1 800
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17a021.d
Als bottle: 21 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

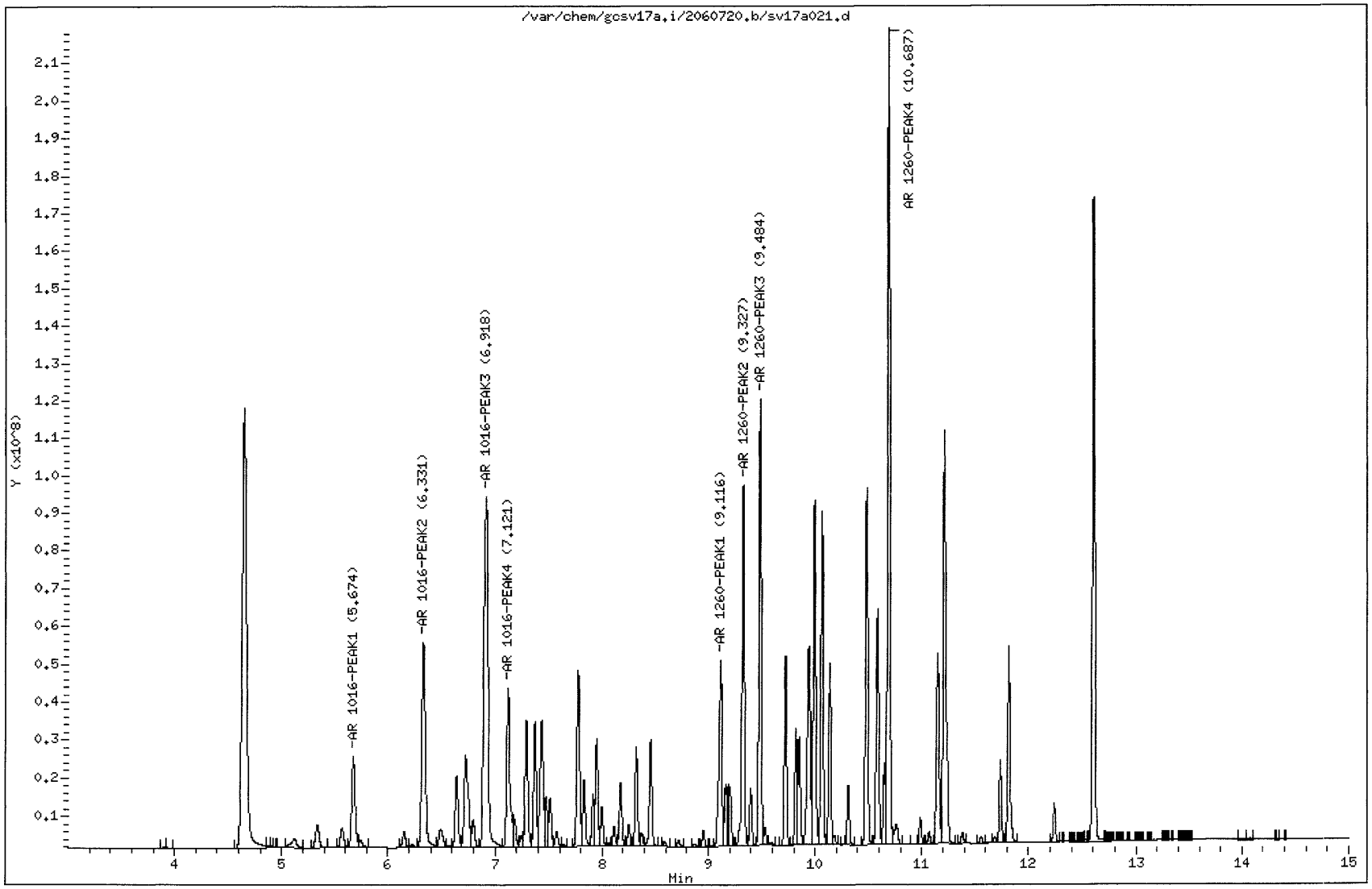
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				520564808	800.000	750
24 AR 1016-PEAK1	5.674	5.676	-0.002	53783326	800.000	710
25 AR 1016-PEAK2	6.331	6.332	-0.001	126434119	800.000	730
26 AR 1016-PEAK3	6.918	6.918	0.000	256077784	800.000	760
27 AR 1016-PEAK4	7.121	7.122	-0.001	84269579	800.000	740
M 28 AR 1260-AVG				725471278	800.000	780
29 AR 1260-PEAK1	9.116	9.117	-0.001	89139783	800.000	750
30 AR 1260-PEAK2	9.327	9.327	0.000	146618660	800.000	760
31 AR 1260-PEAK3	9.484	9.483	0.001	170782541	800.000	770
32 AR 1260-PEAK4	10.687	10.688	-0.001	318930294	800.000	800

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a021.d
Date : 21-JUL-2006 00:36
Client ID:
Sample Info: 1204x1 800
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001641



189613

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a022.d
Report Date: 23-Jul-2006 12:51

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a022.d
Lab Smp Id: 1205
Inj Date : 21-JUL-2006 00:57
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1205*1 65-24-4
Misc Info : GCSV~9656~*
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 23-Jul-2006 12:51 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 22 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				996893250	1600.00	1400
24 AR 1016-PEAK1	5.675	5.676	-0.001	100936664	1600.00	1300
25 AR 1016-PEAK2	6.333	6.332	0.001	239148380	1600.00	1400
26 AR 1016-PEAK3	6.918	6.918	0.000	494839574	1600.00	1500
27 AR 1016-PEAK4	7.122	7.122	0.000	161968632	1600.00	1400
M 28 AR 1260-AVG				1439259066	1600.00	1500
29 AR 1260-PEAK1	9.117	9.117	0.000	174203325	1600.00	1500
30 AR 1260-PEAK2	9.327	9.327	0.000	287787944	1600.00	1500
31 AR 1260-PEAK3	9.484	9.483	0.001	337056199	1600.00	1500
32 AR 1260-PEAK4	10.688	10.688	0.000	640211598	1600.00	1600(A)

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a022.d
Report Date: 23-Jul-2006 12:51

QC Flag Legend

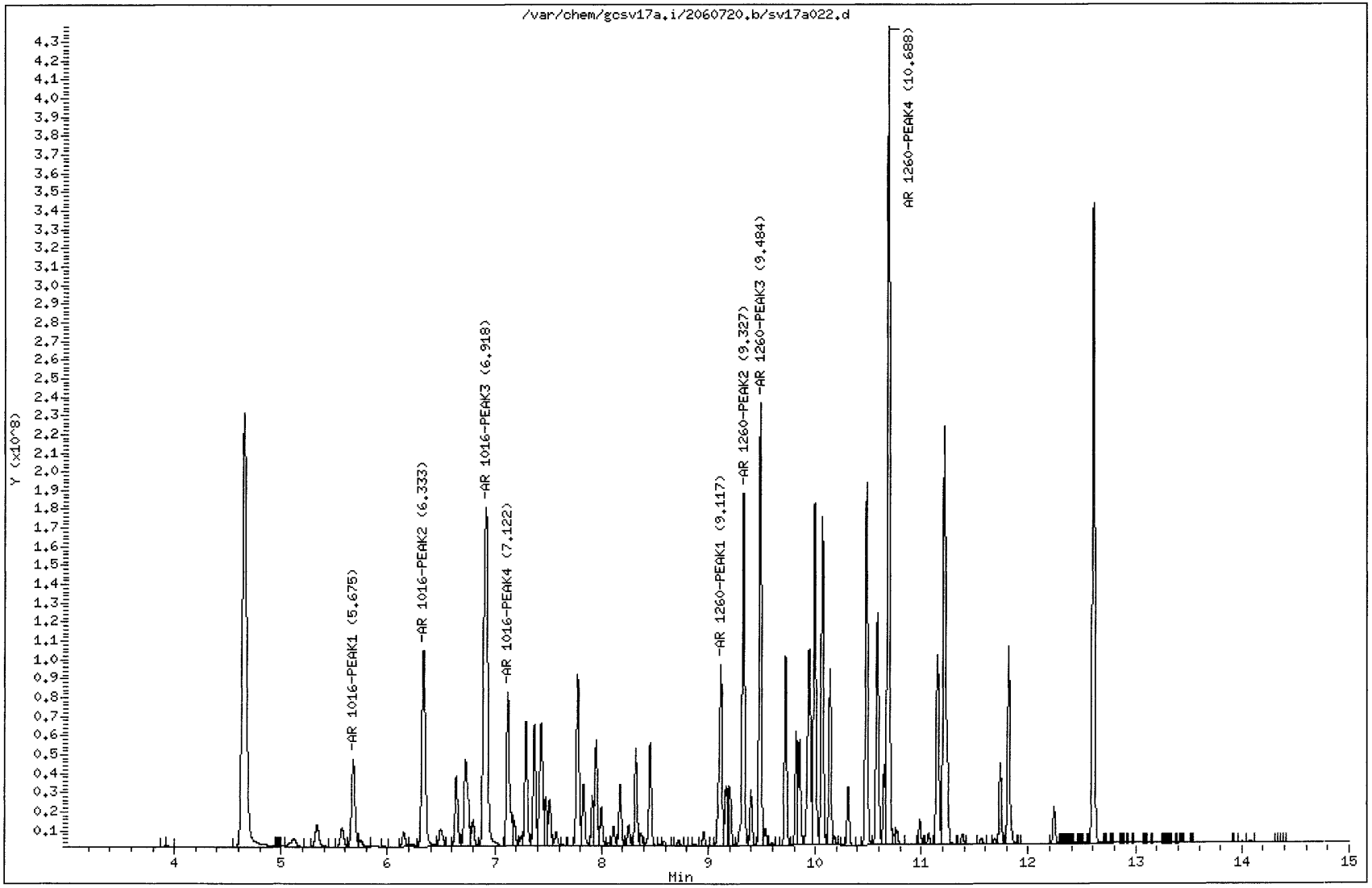
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a022.d
Date : 21-JUL-2006 00:57
Client ID:
Sample Info: 1205x1 65-24-4
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001644



189616

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a023.d
Report Date: 21-Jul-2006 10:39

GCAL, Inc.

RECOVERY REPORT

Client Name:
Client SDG: 2060720
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: 1600
Level: LOW
Operator: tls
Data Type: GC MULTI COMP
SampleType: LCS
SpikeList File: pcbicv.spk
Quant Type: ESTD
Sublist File: aro1260.sub
Method File: /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Misc Info:

SPIKE COMPOUND	CONC ADDED UG/L	CONC RECOVERED UG/L	% RECOVERED	LIMITS
M 23 AR 1016-AVG	400	380	94.89	85-115
M 28 AR 1260-AVG	400	420	104.36	85-115

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a023.d
Report Date: 21-Jul-2006 10:39

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060720.b/sv17a023.d
Lab Smp Id: 1600
Inj Date : 21-JUL-2006 01:18
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1600*1 65-24-10
Misc Info :
Comment :
Method : /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Meth Date : 21-Jul-2006 10:39 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 23 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	1.00000	Volume of final extract (mL)
Vo	1.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

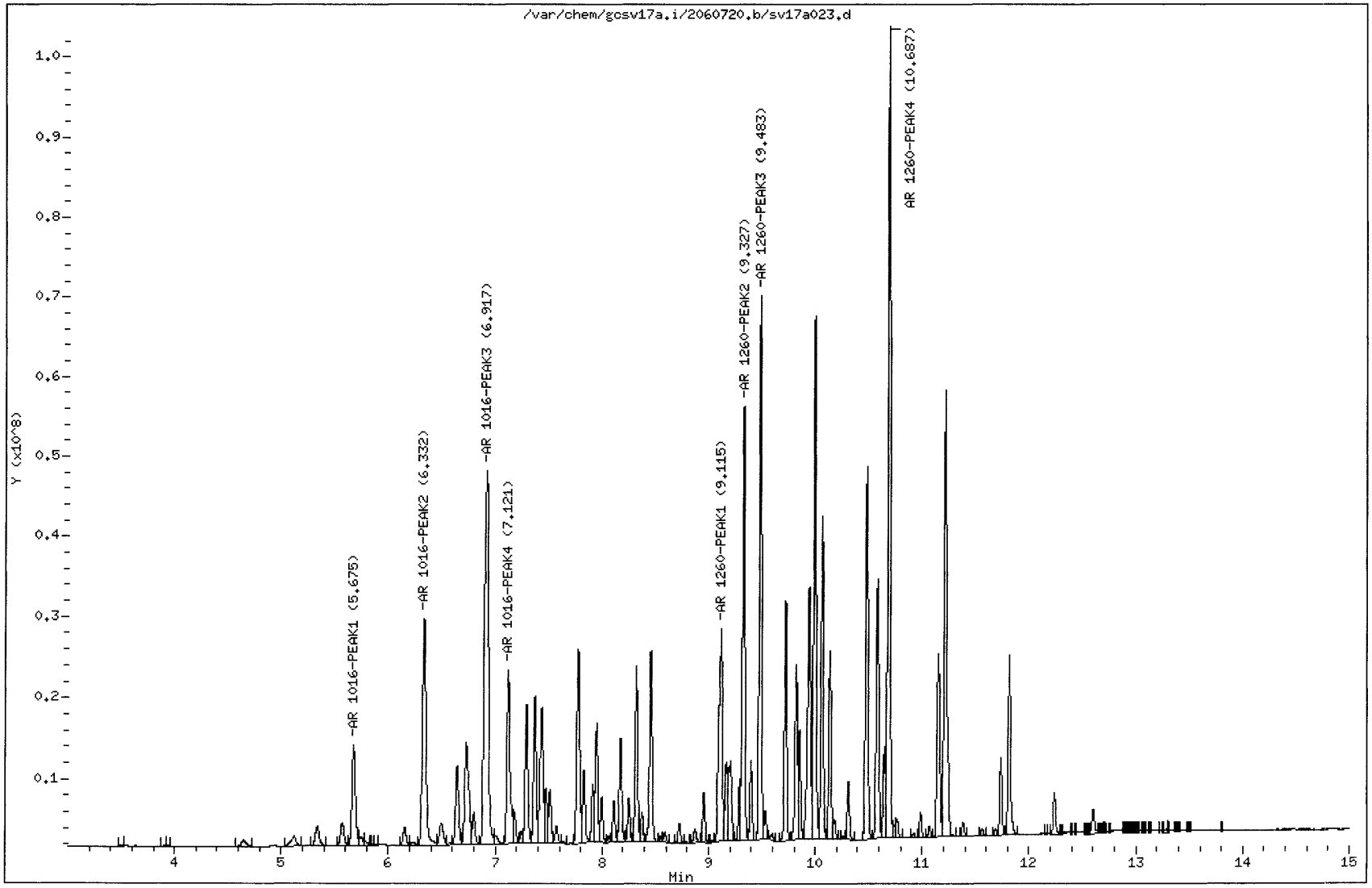
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
M 23 AR 1016-AVG				265025311	379.568	380
24 AR 1016-PEAK1	5.675	5.676	-0.001	28132025	371.231	370
25 AR 1016-PEAK2	6.332	6.331	0.001	65979001	381.105	380
26 AR 1016-PEAK3	6.917	6.918	-0.001	127656860	380.447	380
27 AR 1016-PEAK4	7.121	7.122	-0.001	43257425	380.191	380
M 28 AR 1260-AVG				389138138	417.436	420
29 AR 1260-PEAK1	9.115	9.117	-0.002	58692114	494.551	490
30 AR 1260-PEAK2	9.327	9.327	0.000	82350166	425.745	430
31 AR 1260-PEAK3	9.483	9.483	0.000	98797711	442.600	440
32 AR 1260-PEAK4	10.687	10.688	-0.001	149298147	376.173	380

Data File: /var/chem/gcsv17a.i/2060720.b/sv17a023.d
Date : 21-JUL-2006 01:18
Client ID:
Sample Info: 1600*1 65-24-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001647



189619

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a029.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 24-JUL-2006 01:09
Lab File ID: sv17a029.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060723.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	740001	0.010	-5.98267	15.00000	Averaged
24 AR 1016-PEAK1	75780	77161	0.010	-1.82111	15.00000	Averaged
25 AR 1016-PEAK2	173126	177512	0.010	-2.53332	15.00000	Averaged
26 AR 1016-PEAK3	335544	365634	0.010	-8.96742	15.00000	Averaged
27 AR 1016-PEAK4	113778	119695	0.010	-5.20064	15.00000	Averaged
M 28 AR 1260-AVG	932211	1018898	0.010	-9.29912	15.00000	Averaged
29 AR 1260-PEAK1	118677	125534	0.010	-5.77712	15.00000	Averaged
30 AR 1260-PEAK2	193426	207190	0.010	-7.11598	15.00000	Averaged
31 AR 1260-PEAK3	223221	245148	0.010	-9.82285	15.00000	Averaged
32 AR 1260-PEAK4	396886	441027	0.010	-11.12168	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 6.76419
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

001648

189620

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a029.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a029.d
Lab Smp Id: 1400
Inj Date : 24-JUL-2006 01:09
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-24-4
Misc Info : GCSV~9694~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 16:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 29 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

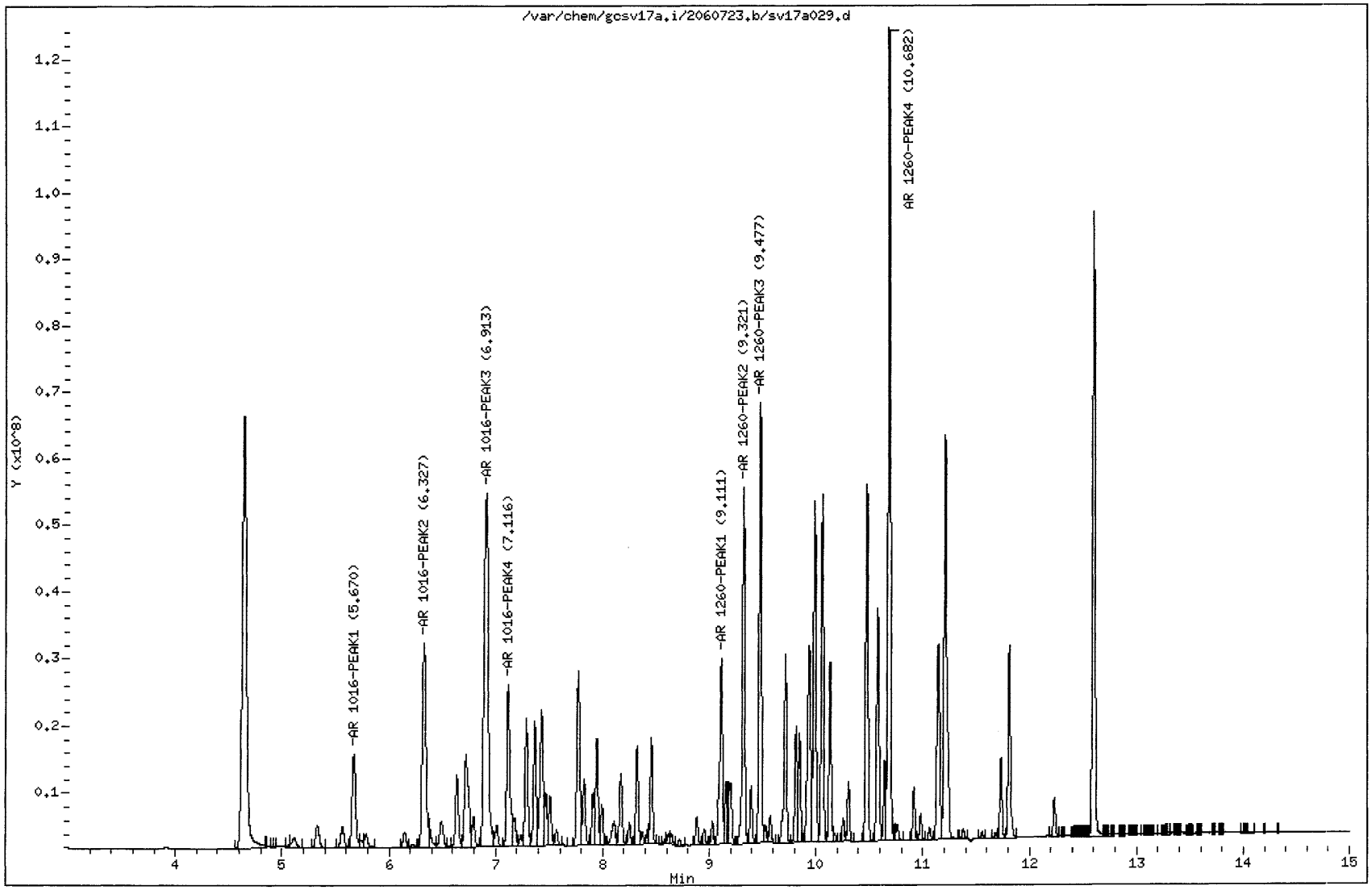
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				296000470	400.000	420
24 AR 1016-PEAK1	5.670	5.675	-0.005	30864202	400.000	410
25 AR 1016-PEAK2	6.327	6.331	-0.004	71004607	400.000	410
26 AR 1016-PEAK3	6.913	6.917	-0.004	146253534	400.000	440
27 AR 1016-PEAK4	7.116	7.121	-0.005	47878127	400.000	420
M 28 AR 1260-AVG				407559346	400.000	440
29 AR 1260-PEAK1	9.111	9.116	-0.005	50213442	400.000	420
30 AR 1260-PEAK2	9.321	9.326	-0.005	82876056	400.000	430
31 AR 1260-PEAK3	9.477	9.482	-0.005	98059088	400.000	440
32 AR 1260-PEAK4	10.682	10.687	-0.005	176410760	400.000	440

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a029.d
Date : 24-JUL-2006 01:09
Client ID:
Sample Info: 1400X1 65-24-4
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001650



189622

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a043.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 24-JUL-2006 06:03
Lab File ID: sv17a043.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060723.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
M 23 AR 1016-AVG	698228	781093	0.010	-11.86789	15.00000	Averaged	
24 AR 1016-PEAK1	75780	80728	0.010	-6.52864	15.00000	Averaged	
25 AR 1016-PEAK2	173126	197011	0.010	-13.79665	15.00000	Averaged	
26 AR 1016-PEAK3	335544	378656	0.010	-12.84826	15.00000	Averaged	
27 AR 1016-PEAK4	113778	124699	0.010	-9.59801	15.00000	Averaged	
M 28 AR 1260-AVG	932211	1061846	0.010	-13.90614	15.00000	Averaged	
29 AR 1260-PEAK1	118677	130845	0.010	-10.25239	15.00000	Averaged	
30 AR 1260-PEAK2	193426	215783	0.010	-11.55841	15.00000	Averaged	
31 AR 1260-PEAK3	223221	256345	0.010	-14.83916	15.00000	Averaged	
32 AR 1260-PEAK4	396886	458873	0.010	-15.61812	15.00000	Averaged	<-

Average %D / Drift Results.

Calculated Average %D/Drift = 12.08137
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a043.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a043.d
Lab Smp Id: 1400
Inj Date : 24-JUL-2006 06:03
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-24-4
Misc Info : GCSV~9694~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 16:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 43 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

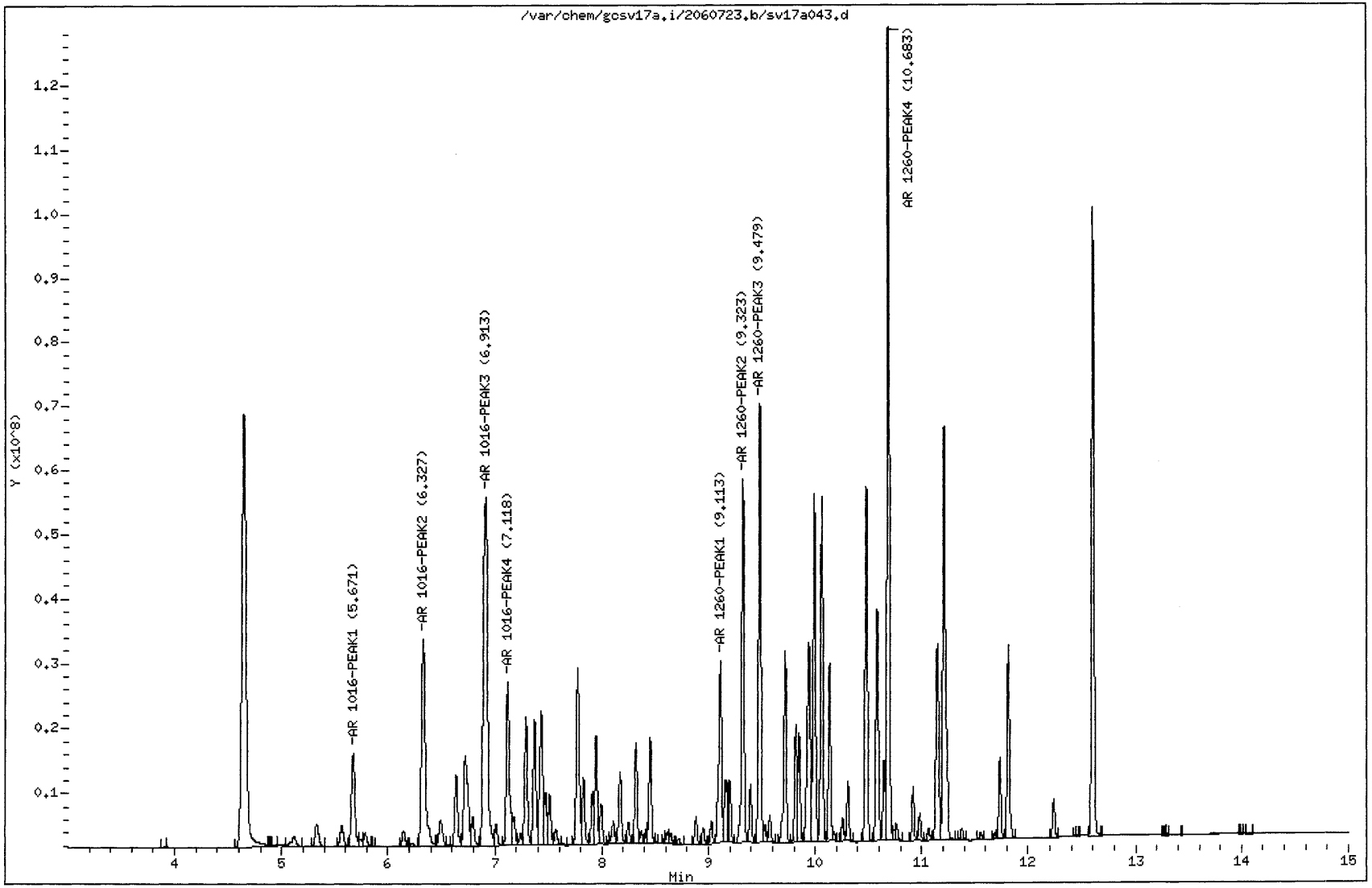
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				312437375	400.000	450
24 AR 1016-PEAK1	5.671	5.675	-0.004	32291158	400.000	430
25 AR 1016-PEAK2	6.327	6.331	-0.004	78804495	400.000	460
26 AR 1016-PEAK3	6.913	6.917	-0.004	151462297	400.000	450
27 AR 1016-PEAK4	7.118	7.121	-0.003	49879425	400.000	440
M 28 AR 1260-AVG				424738206	400.000	460
29 AR 1260-PEAK1	9.113	9.117	-0.004	52337894	400.000	440
30 AR 1260-PEAK2	9.323	9.327	-0.004	86313185	400.000	450
31 AR 1260-PEAK3	9.479	9.482	-0.003	102538065	400.000	460
32 AR 1260-PEAK4	10.683	10.687	-0.004	183549062	400.000	460

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a043.d
Date : 24-JUL-2006 06:03
Client ID:
Sample Info: 1400X1 65-24-4
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001653



189625

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a003.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 25-JUL-2006 15:10
Lab File ID: sv17a003.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	701904	0.010	-0.52645	15.00000	Averaged
24 AR 1016-PEAK1	75780	72671	0.010	4.10267	15.00000	Averaged
25 AR 1016-PEAK2	173126	173772	0.010	-0.37357	15.00000	Averaged
26 AR 1016-PEAK3	335544	341763	0.010	-1.85321	15.00000	Averaged
27 AR 1016-PEAK4	113778	113698	0.010	0.07050	15.00000	Averaged
M 28 AR 1260-AVG	932211	957167	0.010	-2.67711	15.00000	Averaged
29 AR 1260-PEAK1	118677	113850	0.010	4.06751	15.00000	Averaged
30 AR 1260-PEAK2	193426	193230	0.010	0.10125	15.00000	Averaged
31 AR 1260-PEAK3	223221	230000	0.010	-3.03700	15.00000	Averaged
32 AR 1260-PEAK4	396886	420087	0.010	-5.84555	15.00000	Averaged

Average %D / Drift Results.
Calculated Average %D/Drift = 2.26548
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a003.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a003.d
Lab Smp Id: 1400
Inj Date : 25-JUL-2006 15:10
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-24-4
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:36 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

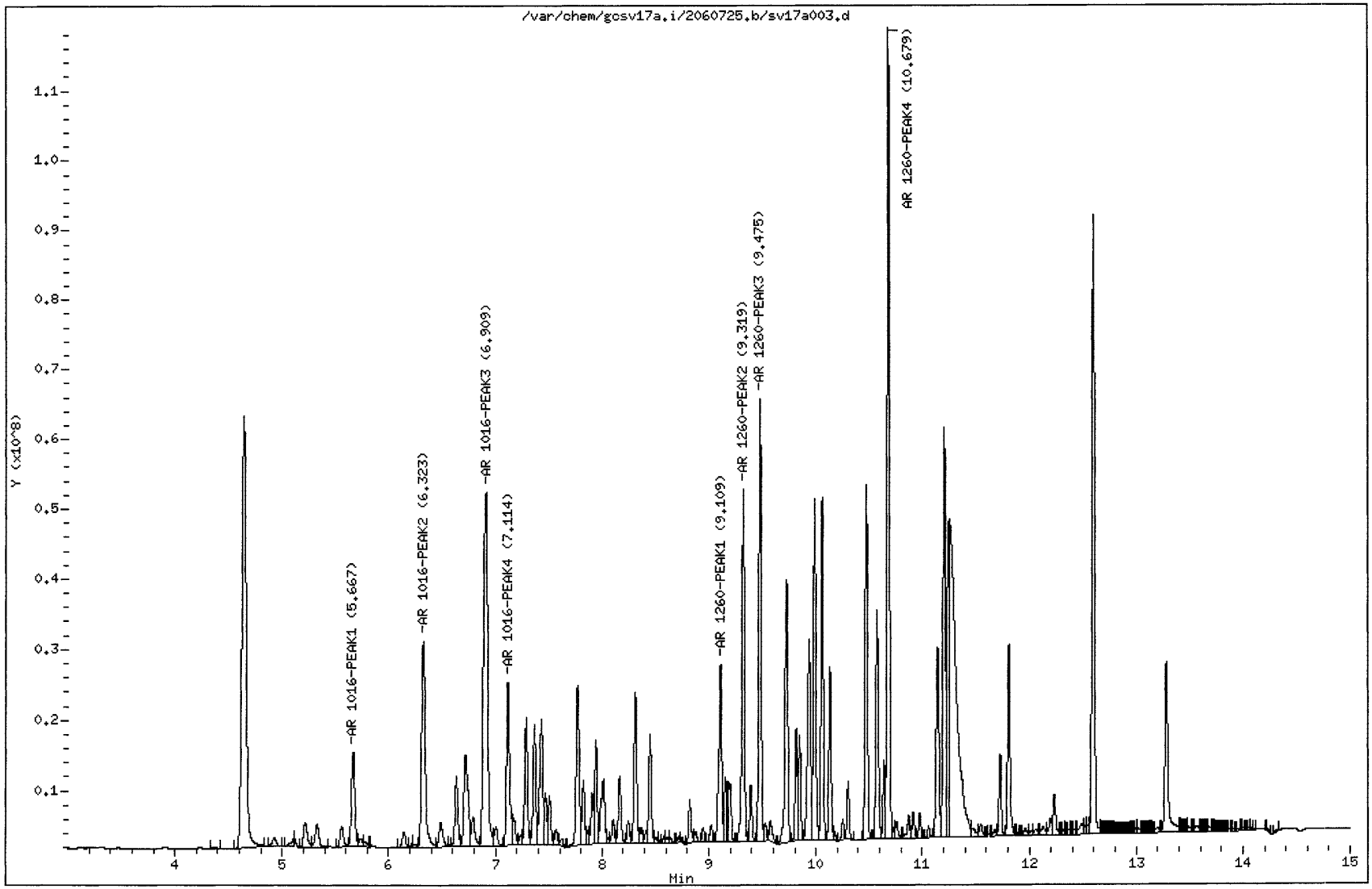
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				280761714	400.000	400
24 AR 1016-PEAK1	5.667	5.674	-0.007	29068576	400.000	380
25 AR 1016-PEAK2	6.323	6.330	-0.007	69508973	400.000	400
26 AR 1016-PEAK3	6.909	6.917	-0.008	136705002	400.000	410
27 AR 1016-PEAK4	7.114	7.120	-0.006	45479163	400.000	400
M 28 AR 1260-AVG				382866907	400.000	410
29 AR 1260-PEAK1	9.109	9.116	-0.007	45540096	400.000	380
30 AR 1260-PEAK2	9.319	9.326	-0.007	77292057	400.000	400
31 AR 1260-PEAK3	9.475	9.481	-0.006	92000104	400.000	410
32 AR 1260-PEAK4	10.679	10.687	-0.008	168034650	400.000	420

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a003.d
Date : 25-JUL-2006 15:10
Client ID:
Sample Info: 1400X1 65-24-4
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001656



189628

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a011.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 25-JUL-2006 18:56
Lab File ID: sv17a011.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	721288	0.010	-3.30255	15.00000	Averaged
24 AR 1016-PEAK1	75780	75240	0.010	0.71385	15.00000	Averaged
25 AR 1016-PEAK2	173126	180175	0.010	-4.07202	15.00000	Averaged
26 AR 1016-PEAK3	335544	349920	0.010	-4.28448	15.00000	Averaged
27 AR 1016-PEAK4	113778	115952	0.010	-1.91098	15.00000	Averaged
M 28 AR 1260-AVG	932211	987254	0.010	-5.90458	15.00000	Averaged
29 AR 1260-PEAK1	118677	121597	0.010	-2.46011	15.00000	Averaged
30 AR 1260-PEAK2	193426	200727	0.010	-3.77483	15.00000	Averaged
31 AR 1260-PEAK3	223221	237639	0.010	-6.45883	15.00000	Averaged
32 AR 1260-PEAK4	396886	427291	0.010	-7.66078	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 4.05430
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a011.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a011.d
Lab Smp Id: 1400
Inj Date : 25-JUL-2006 18:56
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:36 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 11 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

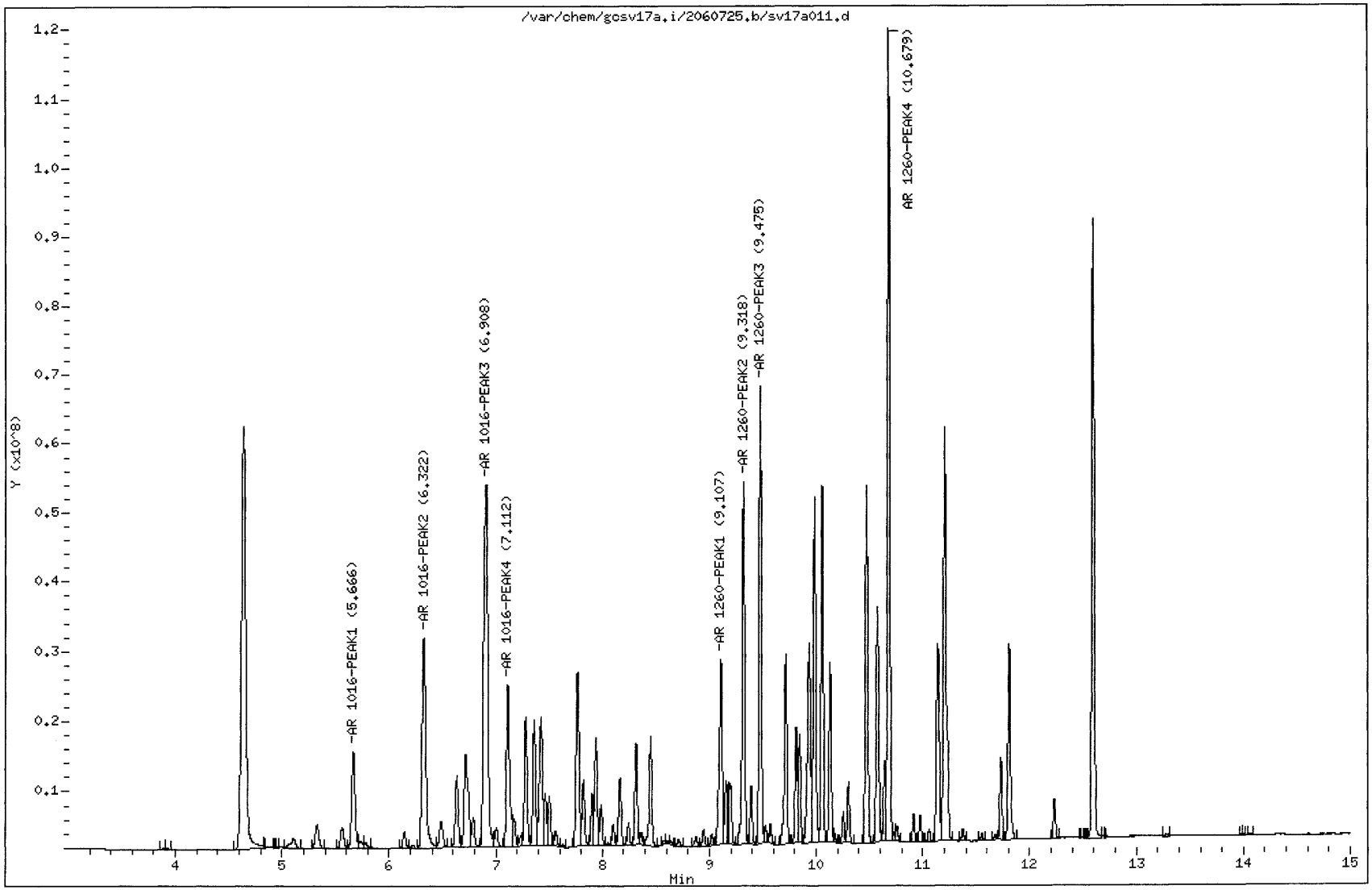
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				288515113	400.000	410
24 AR 1016-PEAK1	5.666	5.674	-0.008	30095800	400.000	400
25 AR 1016-PEAK2	6.322	6.330	-0.008	72070164	400.000	420
26 AR 1016-PEAK3	6.908	6.916	-0.008	139968191	400.000	420
27 AR 1016-PEAK4	7.112	7.120	-0.008	46380958	400.000	410
M 28 AR 1260-AVG				394901642	400.000	420
29 AR 1260-PEAK1	9.107	9.116	-0.009	48638821	400.000	410
30 AR 1260-PEAK2	9.318	9.326	-0.008	80290996	400.000	420
31 AR 1260-PEAK3	9.475	9.481	-0.006	95055404	400.000	430
32 AR 1260-PEAK4	10.679	10.686	-0.007	170916421	400.000	430

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a011.d
Date : 25-JUL-2006 18:56
Client ID:
Sample Info: 1400x1 65-30-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001659



189631

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a055.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 26-JUL-2006 13:30
Lab File ID: sv17a055.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	735992	0.010	-5.40854	15.00000	Averaged
24 AR 1016-PEAK1	75780	76964	0.010	-1.56130	15.00000	Averaged
25 AR 1016-PEAK2	173126	184486	0.010	-6.56192	15.00000	Averaged
26 AR 1016-PEAK3	335544	358242	0.010	-6.76435	15.00000	Averaged
27 AR 1016-PEAK4	113778	116301	0.010	-2.21752	15.00000	Averaged
M 28 AR 1260-AVG	932211	981930	0.010	-5.33343	15.00000	Averaged
29 AR 1260-PEAK1	118677	116953	0.010	1.45339	15.00000	Averaged
30 AR 1260-PEAK2	193426	200109	0.010	-3.45502	15.00000	Averaged
31 AR 1260-PEAK3	223221	234619	0.010	-5.10606	15.00000	Averaged
32 AR 1260-PEAK4	396886	430249	0.010	-8.40618	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 4.62677
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a055.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a055.d
Lab Smp Id: 1400
Inj Date : 26-JUL-2006 13:30
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:36 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 55 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

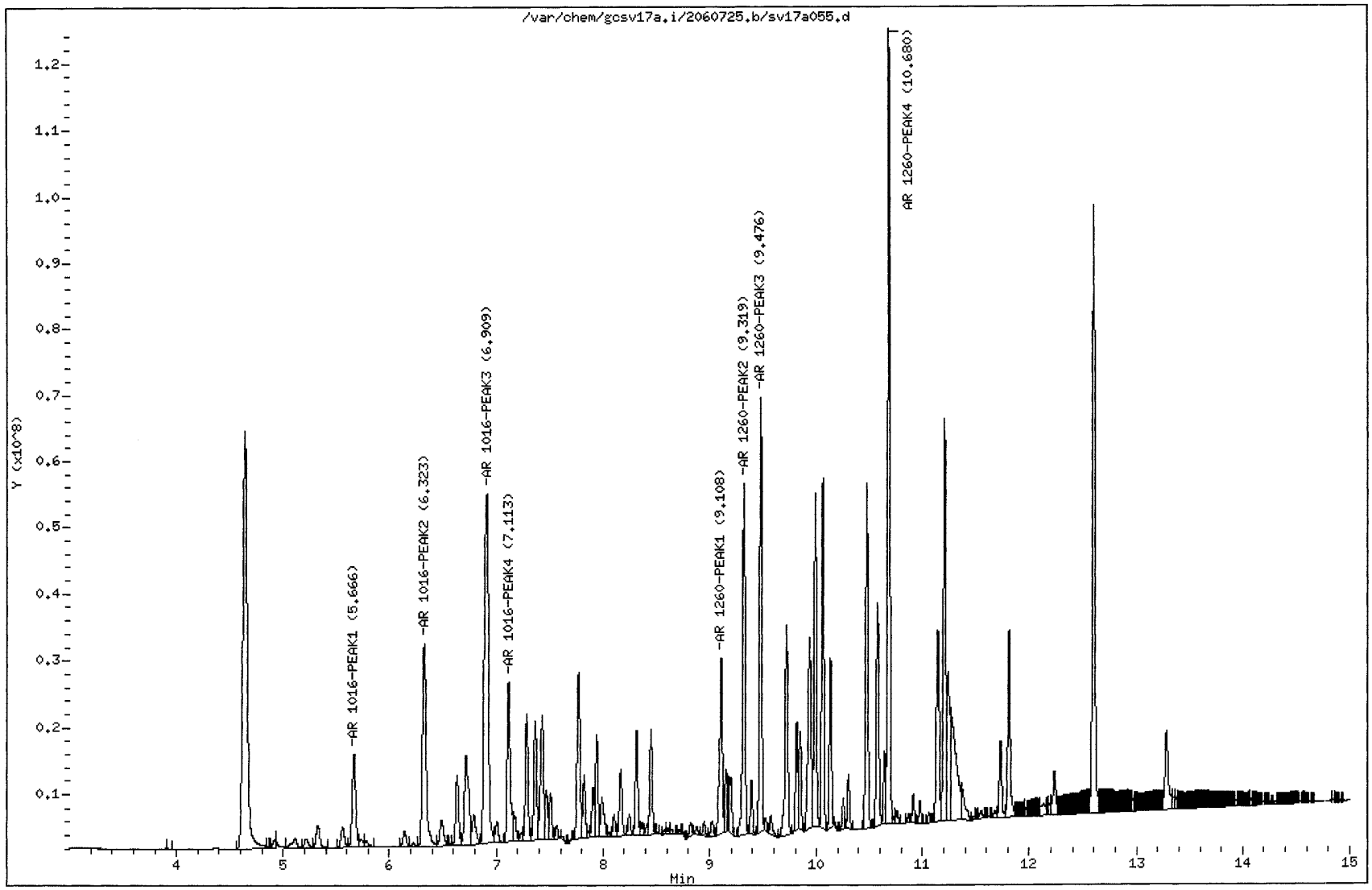
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				294396963	400.000	420
24 AR 1016-PEAK1	5.666	5.674	-0.008	30785449	400.000	410
25 AR 1016-PEAK2	6.323	6.330	-0.007	73794423	400.000	430
26 AR 1016-PEAK3	6.909	6.917	-0.008	143296622	400.000	430
27 AR 1016-PEAK4	7.113	7.120	-0.007	46520469	400.000	410
M 28 AR 1260-AVG				392771920	400.000	420
29 AR 1260-PEAK1	9.108	9.116	-0.008	46781046	400.000	390
30 AR 1260-PEAK2	9.319	9.326	-0.007	80043563	400.000	410
31 AR 1260-PEAK3	9.476	9.482	-0.006	93847534	400.000	420
32 AR 1260-PEAK4	10.680	10.687	-0.007	172099777	400.000	430

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a055.d
Date : 26-JUL-2006 13:30
Client ID:
Sample Info: 1400x1 65-30-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001662



189634

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a062.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 26-JUL-2006 16:47
Lab File ID: sv17a062.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	720230	0.010	-3.15112	15.00000	Averaged
24 AR 1016-PEAK1	75780	71906	0.010	5.11213	15.00000	Averaged
25 AR 1016-PEAK2	173126	179703	0.010	-3.79942	15.00000	Averaged
26 AR 1016-PEAK3	335544	352207	0.010	-4.96594	15.00000	Averaged
27 AR 1016-PEAK4	113778	116413	0.010	-2.31617	15.00000	Averaged
M 28 AR 1260-AVG	932211	965240	0.010	-3.54307	15.00000	Averaged
29 AR 1260-PEAK1	118677	115714	0.010	2.49737	15.00000	Averaged
30 AR 1260-PEAK2	193426	194443	0.010	-0.52554	15.00000	Averaged
31 AR 1260-PEAK3	223221	228929	0.010	-2.55719	15.00000	Averaged
32 AR 1260-PEAK4	396886	426154	0.010	-7.37439	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 3.58423
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a062.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a062.d
Lab Smp Id: 1400
Inj Date : 26-JUL-2006 16:47
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 62 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

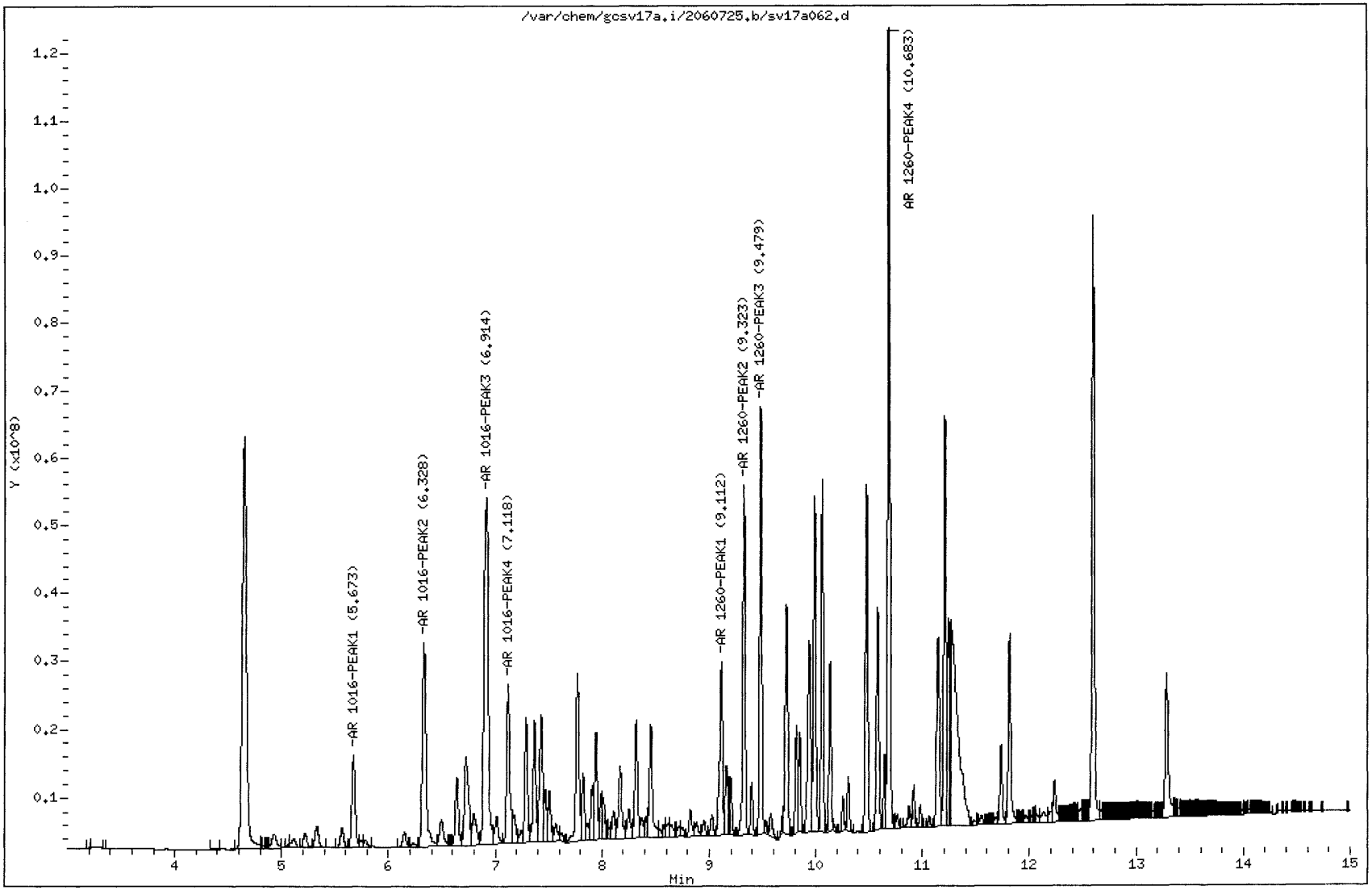
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				288092176	400.000	410
24 AR 1016-PEAK1	5.673	5.675	-0.002	28762585	400.000	380
25 AR 1016-PEAK2	6.328	6.331	-0.003	71881384	400.000	420
26 AR 1016-PEAK3	6.914	6.917	-0.003	140882840	400.000	420
27 AR 1016-PEAK4	7.118	7.121	-0.003	46565367	400.000	410
M 28 AR 1260-AVG				386095925	400.000	410
29 AR 1260-PEAK1	9.112	9.116	-0.004	46285456	400.000	390
30 AR 1260-PEAK2	9.323	9.327	-0.004	77777012	400.000	400
31 AR 1260-PEAK3	9.479	9.482	-0.003	91571692	400.000	410
32 AR 1260-PEAK4	10.683	10.687	-0.004	170461765	400.000	430

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a062.d
Date : 26-JUL-2006 16:47
Client ID:
Sample Info: 1400M1 65-30-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001665



189637

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a065.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 27-JUL-2006 08:45
Lab File ID: sv17a065.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	725198	0.010	-3.86259	15.00000	Averaged
24 AR 1016-PEAK1	75780	76001	0.010	-0.29131	15.00000	Averaged
25 AR 1016-PEAK2	173126	179638	0.010	-3.76181	15.00000	Averaged
26 AR 1016-PEAK3	335544	353641	0.010	-5.39320	15.00000	Averaged
27 AR 1016-PEAK4	113778	115918	0.010	-1.88061	15.00000	Averaged
M 28 AR 1260-AVG	932211	993939	0.010	-6.62171	15.00000	Averaged
29 AR 1260-PEAK1	118677	120507	0.010	-1.54151	15.00000	Averaged
30 AR 1260-PEAK2	193426	202798	0.010	-4.84525	15.00000	Averaged
31 AR 1260-PEAK3	223221	238704	0.010	-6.93620	15.00000	Averaged
32 AR 1260-PEAK4	396886	431930	0.010	-8.82971	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 4.39639
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a065.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a065.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 08:45
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 65 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

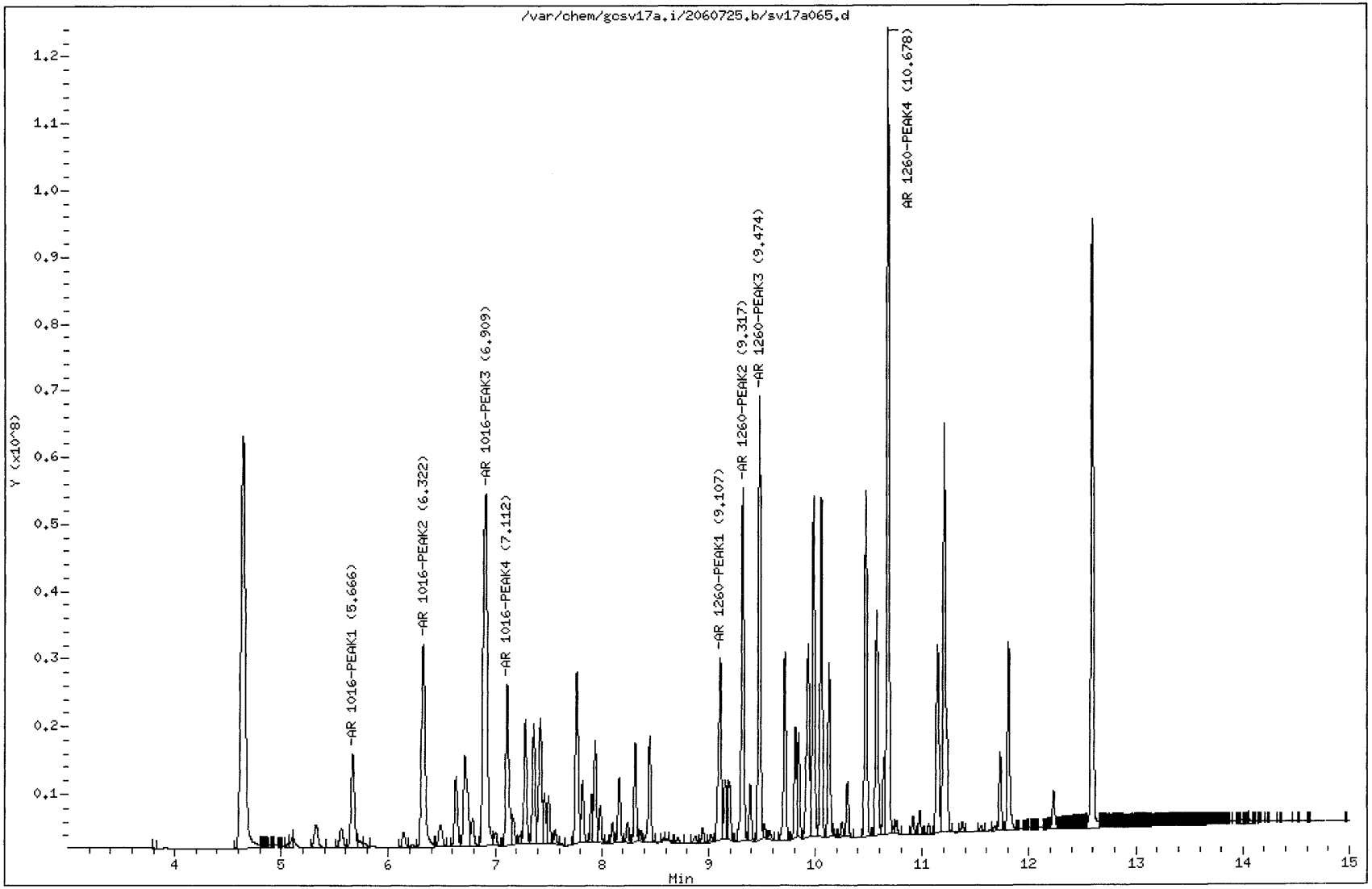
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				290079260	400.000	420
24 AR 1016-PEAK1	5.666	5.674	-0.008	30400487	400.000	400
25 AR 1016-PEAK2	6.322	6.330	-0.008	71855341	400.000	420
26 AR 1016-PEAK3	6.909	6.917	-0.008	141456292	400.000	420
27 AR 1016-PEAK4	7.112	7.120	-0.008	46367140	400.000	410
M 28 AR 1260-AVG				397575714	400.000	430
29 AR 1260-PEAK1	9.107	9.116	-0.009	48202752	400.000	410
30 AR 1260-PEAK2	9.317	9.326	-0.009	81119183	400.000	420
31 AR 1260-PEAK3	9.474	9.481	-0.007	95481638	400.000	430
32 AR 1260-PEAK4	10.678	10.686	-0.008	172772141	400.000	440

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a065.d
Date : 27-JUL-2006 08:45
Client ID:
Sample Info: 1400M1 65-30-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001668



189640

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a078.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 27-JUL-2006 14:43
Lab File ID: sv17a078.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	700537	0.010	-0.33065	15.00000	Averaged
24 AR 1016-PEAK1	75780	72484	0.010	4.34953	15.00000	Averaged
25 AR 1016-PEAK2	173126	175212	0.010	-1.20493	15.00000	Averaged
26 AR 1016-PEAK3	335544	342434	0.010	-2.05338	15.00000	Averaged
27 AR 1016-PEAK4	113778	110407	0.010	2.96300	15.00000	Averaged
M 28 AR 1260-AVG	932211	934539	0.010	-0.24976	15.00000	Averaged
29 AR 1260-PEAK1	118677	109686	0.010	7.57671	15.00000	Averaged
30 AR 1260-PEAK2	193426	191575	0.010	0.95695	15.00000	Averaged
31 AR 1260-PEAK3	223221	226582	0.010	-1.50560	15.00000	Averaged
32 AR 1260-PEAK4	396886	406697	0.010	-2.47183	15.00000	Averaged

Average %D / Drift Results.
Calculated Average %D/Drift = 2.36624
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a078.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a078.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 14:43
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 78 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

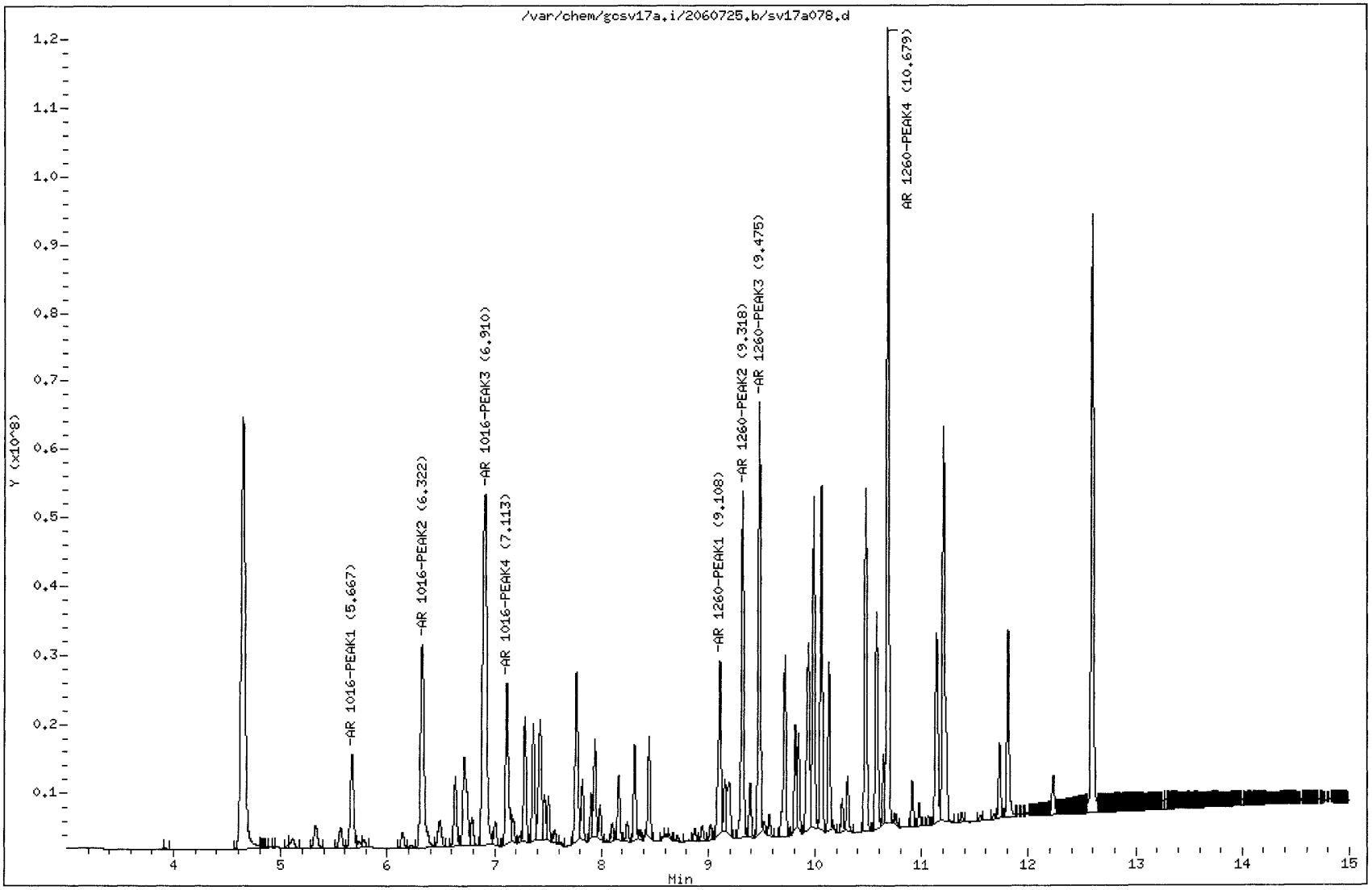
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				280214859	400.000	400
24 AR 1016-PEAK1	5.667	5.674	-0.007	28993748	400.000	380
25 AR 1016-PEAK2	6.322	6.330	-0.008	70084697	400.000	400
26 AR 1016-PEAK3	6.910	6.917	-0.007	136973663	400.000	410
27 AR 1016-PEAK4	7.113	7.120	-0.007	44162751	400.000	390
M 28 AR 1260-AVG				373815705	400.000	400
29 AR 1260-PEAK1	9.108	9.116	-0.008	43874244	400.000	370
30 AR 1260-PEAK2	9.318	9.326	-0.008	76629998	400.000	400
31 AR 1260-PEAK3	9.475	9.481	-0.006	90632748	400.000	410
32 AR 1260-PEAK4	10.679	10.687	-0.008	162678715	400.000	410

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a078.d
Date : 27-JUL-2006 14:43
Client ID:
Sample Info: 1400x1 65-30-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001671



189643

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a084.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 27-JUL-2006 18:27
Lab File ID: sv17a084.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	736526	0.010	-5.48495	15.00000	Averaged
24 AR 1016-PEAK1	75780	77133	0.010	-1.78542	15.00000	Averaged
25 AR 1016-PEAK2	173126	183024	0.010	-5.71754	15.00000	Averaged
26 AR 1016-PEAK3	335544	358944	0.010	-6.97358	15.00000	Averaged
27 AR 1016-PEAK4	113778	117425	0.010	-3.20492	15.00000	Averaged
M 28 AR 1260-AVG	932211	988895	0.010	-6.08061	15.00000	Averaged
29 AR 1260-PEAK1	118677	118733	0.010	-0.04716	15.00000	Averaged
30 AR 1260-PEAK2	193426	201781	0.010	-4.31924	15.00000	Averaged
31 AR 1260-PEAK3	223221	239065	0.010	-7.09777	15.00000	Averaged
32 AR 1260-PEAK4	396886	429316	0.010	-8.17108	15.00000	Averaged

Average %D / Drift Results.
Calculated Average %D/Drift = 4.88823
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a084.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a084.d
Lab Smp Id: 1400
Inj Date : 27-JUL-2006 18:27
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 84 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

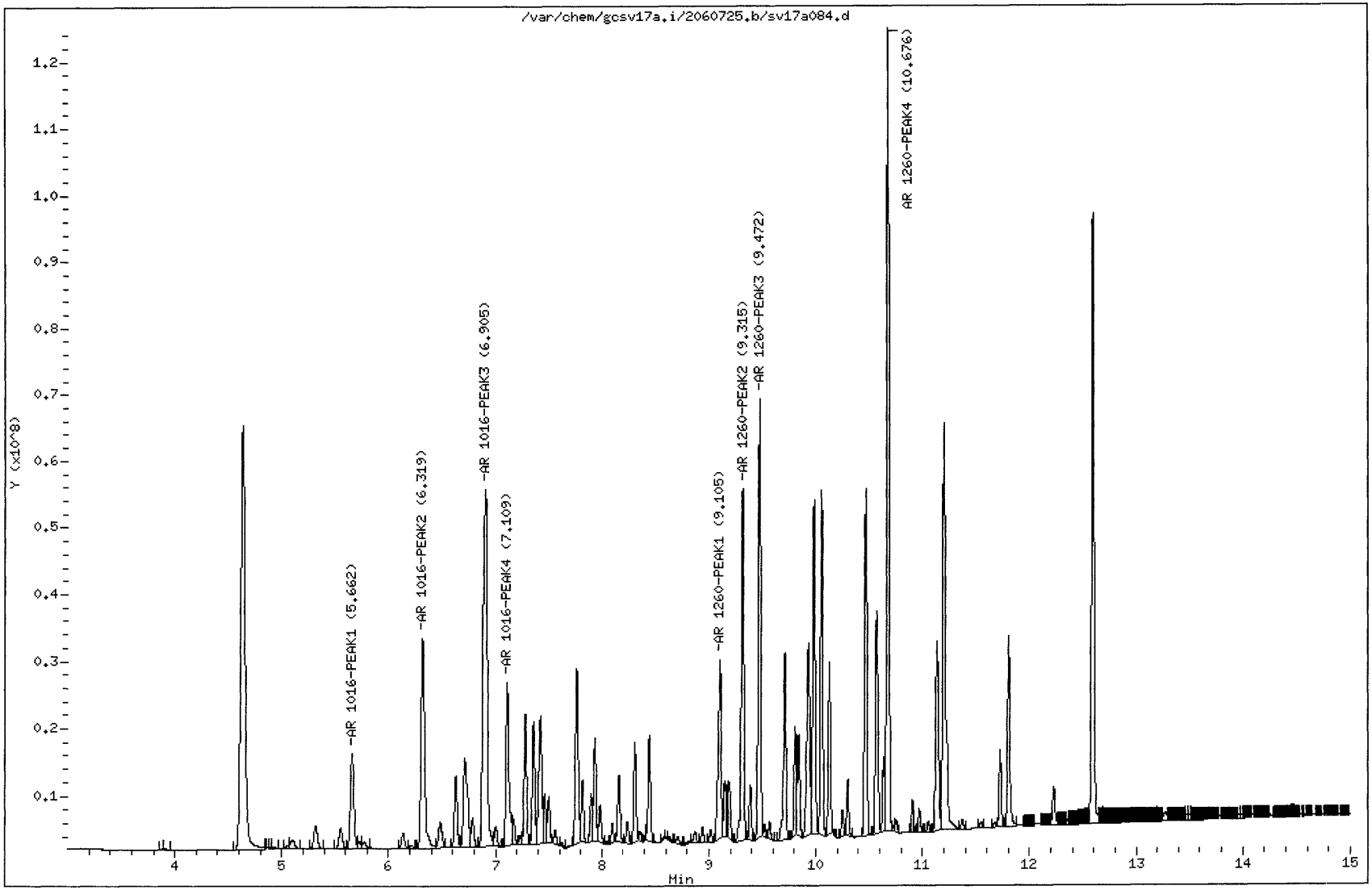
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				294610363	400.000	420
24 AR 1016-PEAK1	5.662	5.674	-0.012	30853384	400.000	410
25 AR 1016-PEAK2	6.319	6.329	-0.010	73209688	400.000	420
26 AR 1016-PEAK3	6.905	6.916	-0.011	143577443	400.000	430
27 AR 1016-PEAK4	7.109	7.119	-0.010	46969848	400.000	410
M 28 AR 1260-AVG				395558027	400.000	420
29 AR 1260-PEAK1	9.105	9.115	-0.010	47493372	400.000	400
30 AR 1260-PEAK2	9.315	9.325	-0.010	80712208	400.000	420
31 AR 1260-PEAK3	9.472	9.481	-0.009	95625901	400.000	430
32 AR 1260-PEAK4	10.676	10.686	-0.010	171726546	400.000	430

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a084.d
Date : 27-JUL-2006 18:27
Client ID:
Sample Info: 1400M1 65-30-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001674



189646

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a087.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 28-JUL-2006 09:28
Lab File ID: sv17a087.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	750657	0.010	-7.50885	15.00000	Averaged
24 AR 1016-PEAK1	75780	78016	0.010	-2.95009	15.00000	Averaged
25 AR 1016-PEAK2	173126	186299	0.010	-7.60884	15.00000	Averaged
26 AR 1016-PEAK3	335544	366574	0.010	-9.24768	15.00000	Averaged
27 AR 1016-PEAK4	113778	119769	0.010	-5.26499	15.00000	Averaged
M 28 AR 1260-AVG	932211	1017146	0.010	-9.11113	15.00000	Averaged
29 AR 1260-PEAK1	118677	122786	0.010	-3.46196	15.00000	Averaged
30 AR 1260-PEAK2	193426	207485	0.010	-7.26840	15.00000	Averaged
31 AR 1260-PEAK3	223221	245906	0.010	-10.16263	15.00000	Averaged
32 AR 1260-PEAK4	396886	440969	0.010	-11.10703	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 7.36916
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a087.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a087.d
Lab Smp Id: 1400
Inj Date : 28-JUL-2006 09:28
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 87 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

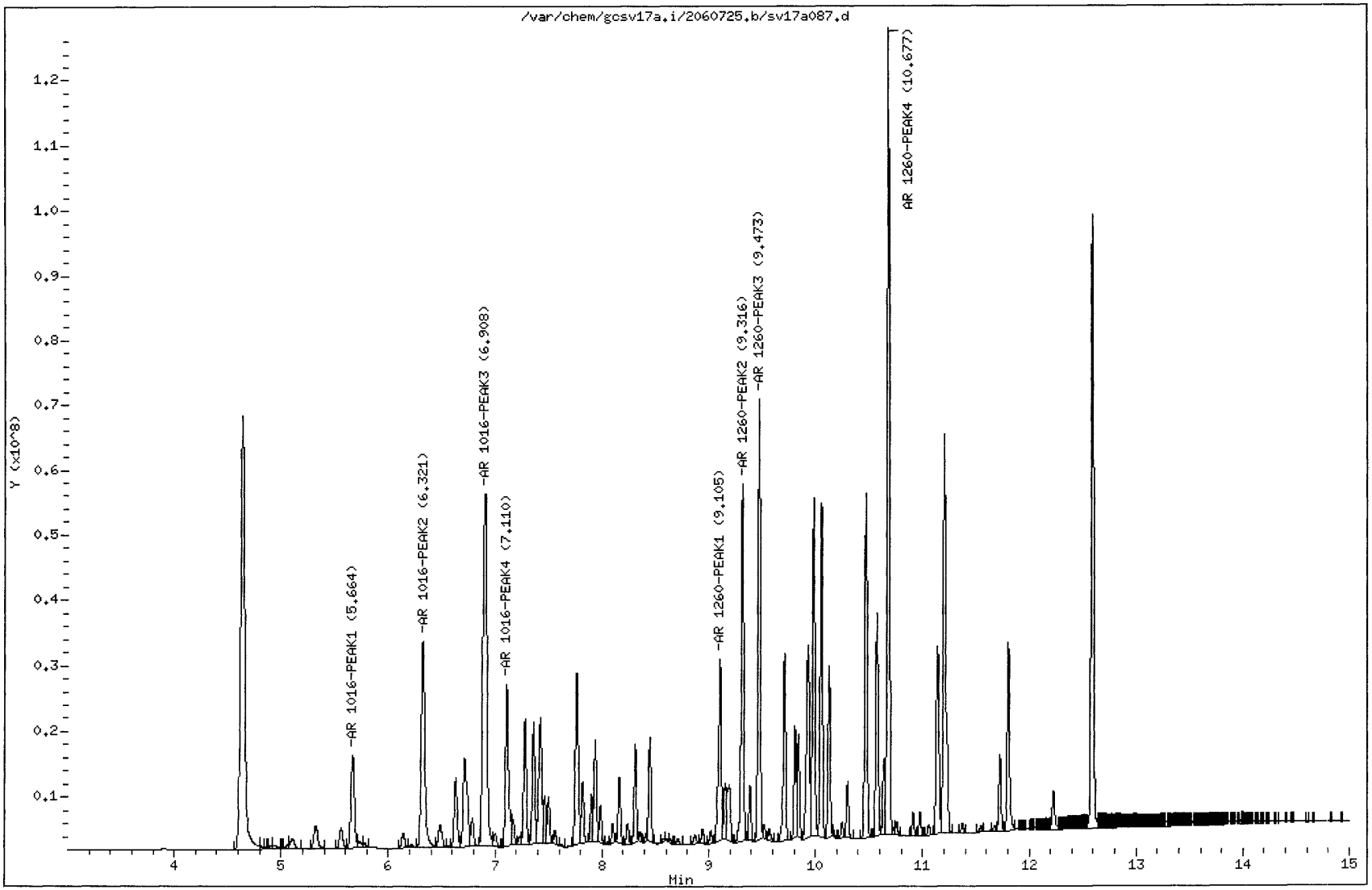
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				300262945	400.000	430
24 AR 1016-PEAK1	5.664	5.674	-0.010	31206422	400.000	410
25 AR 1016-PEAK2	6.321	6.330	-0.009	74519422	400.000	430
26 AR 1016-PEAK3	6.908	6.916	-0.008	146629689	400.000	440
27 AR 1016-PEAK4	7.110	7.120	-0.010	47907412	400.000	420
M 28 AR 1260-AVG				406858361	400.000	440
29 AR 1260-PEAK1	9.105	9.115	-0.010	49114412	400.000	410
30 AR 1260-PEAK2	9.316	9.326	-0.010	82993984	400.000	430
31 AR 1260-PEAK3	9.473	9.481	-0.008	98362470	400.000	440
32 AR 1260-PEAK4	10.677	10.686	-0.009	176387495	400.000	440

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a087.d
Date : 28-JUL-2006 09:28
Client ID:
Sample Info: 1400X1 65-30-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001677



189649

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a098.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gcsv17a.i Injection Date: 28-JUL-2006 15:26
Lab File ID: sv17a098.d Init. Cal. Date(s): 20-JUL-2006 21-JUL-2006
Analysis Type: WATER Init. Cal. Times: 17:56 00:57
Lab Sample ID: 1400 Quant Type: ESTD
Method: /var/chem/gcsv17a.i/2060725.b/pest35MS.m

COMPOUND	RRF / AMOUNT	RF60	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
M 23 AR 1016-AVG	698228	708857	0.010	-1.52226	15.00000	Averaged
24 AR 1016-PEAK1	75780	72146	0.010	4.79568	15.00000	Averaged
25 AR 1016-PEAK2	173126	178389	0.010	-3.04019	15.00000	Averaged
26 AR 1016-PEAK3	335544	346135	0.010	-3.15619	15.00000	Averaged
27 AR 1016-PEAK4	113778	112187	0.010	1.39810	15.00000	Averaged
M 28 AR 1260-AVG	932211	962475	0.010	-3.24643	15.00000	Averaged
29 AR 1260-PEAK1	118677	113835	0.010	4.08050	15.00000	Averaged
30 AR 1260-PEAK2	193426	195999	0.010	-1.33039	15.00000	Averaged
31 AR 1260-PEAK3	223221	232378	0.010	-4.10220	15.00000	Averaged
32 AR 1260-PEAK4	396886	420262	0.010	-5.88984	15.00000	Averaged

Average %D / Drift Results.

Calculated Average %D/Drift = 3.25618
Maximun Average %D/Drift = 15.00000
* Passed Average %D/Drift Test.

001678

189650

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a098.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a098.d
Lab Smp Id: 1400
Inj Date : 28-JUL-2006 15:26
Operator : tls Inst ID: gcsv17a.i
Smp Info : 1400*1 65-30-10
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 98 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: aro1260.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	10.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

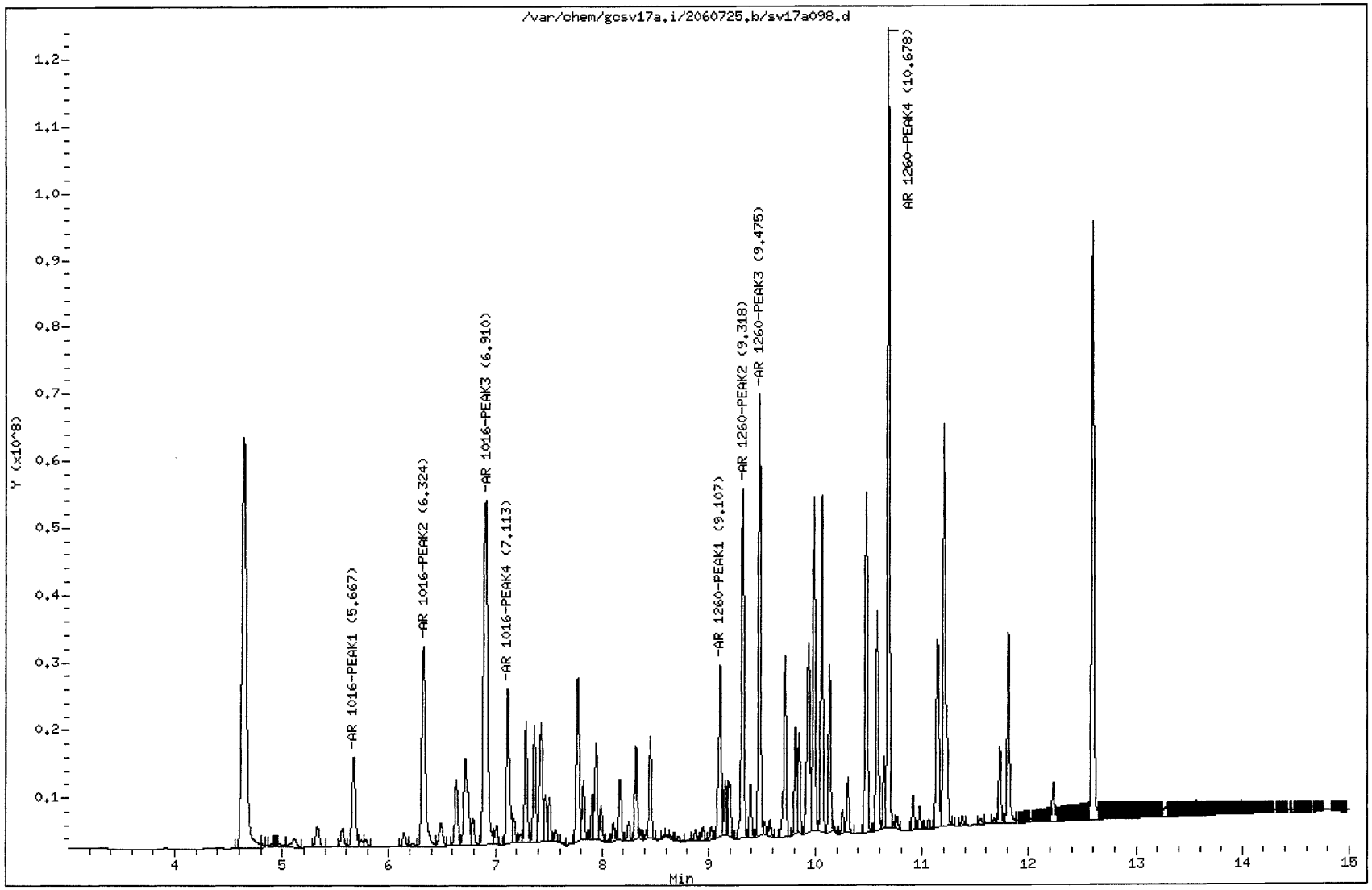
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (UG/L)	AMOUNTS ON-COL (UG/L)
M 23 AR 1016-AVG				283542913	400.000	410
24 AR 1016-PEAK1	5.667	5.674	-0.007	28858509	400.000	380
25 AR 1016-PEAK2	6.324	6.330	-0.006	71355617	400.000	410
26 AR 1016-PEAK3	6.910	6.917	-0.007	138453831	400.000	410
27 AR 1016-PEAK4	7.113	7.120	-0.007	44874956	400.000	390
M 28 AR 1260-AVG				384989818	400.000	410
29 AR 1260-PEAK1	9.107	9.116	-0.009	45533929	400.000	380
30 AR 1260-PEAK2	9.318	9.326	-0.008	78399724	400.000	410
31 AR 1260-PEAK3	9.475	9.481	-0.006	92951204	400.000	420
32 AR 1260-PEAK4	10.678	10.686	-0.008	168104961	400.000	420

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a098.d
Date : 28-JUL-2006 15:26
Client ID:
Sample Info: 1400x1 65-30-10
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001680



189652

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328411 Analytical Batch: 328878

CONCENTRATION UNITS: ug/kg

Sample ID: MB392362

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 392362

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/25/06 Time: 1629

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8082

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A004

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
11104-28-2	Aroclor-1221	20.0	U	4.59	20.0
11141-16-5	Aroclor-1232	20.0	U	5.03	20.0
53469-21-9	Aroclor-1242	20.0	U	5.87	20.0
12672-29-6	Aroclor-1248	20.0	U	3.91	20.0
11097-69-1	Aroclor-1254	20.0	U	3.25	20.0
12674-11-2	Aroclor-1016	20.0	U	2.69	20.0
11096-82-5	Aroclor-1260	20.0	U	2.71	20.0

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a004.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a004.d
Lab Smp Id: 392362
Inj Date : 25-JUL-2006 16:29
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392362*1 mb s
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:36 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.662	4.651	0.011	382416740	93.8625	16
$ 22 Decachlorobiphenyl	12.602	12.601	0.001	265830266	85.2277	14

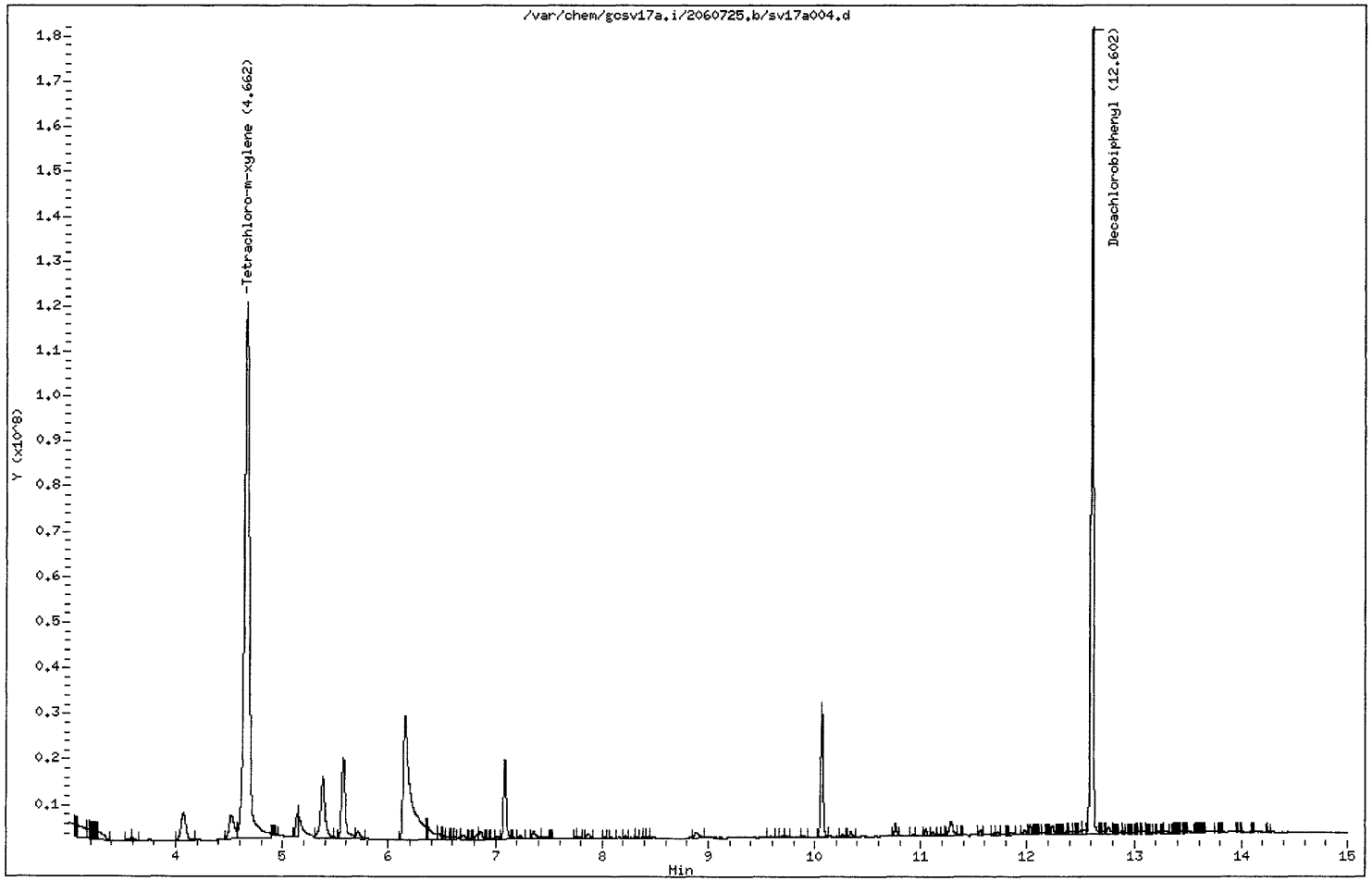
001682

189654

001683

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a004.d
Date : 25-JUL-2006 16:29
Client ID:
Sample Info: 392362M1 mb s
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189655

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328465 Analytical Batch: 328836

Sample ID: MB392704
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 392704
Date Collected: Time:
Date Received:
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 0212
Dilution Factor: 1 Analyst: TLS
Prep Method: 3510C
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060723/SV17A032

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
11104-28-2	Aroclor-1221	0.500	U	0.115	0.500
11141-16-5	Aroclor-1232	0.500	U	0.100	0.500
53469-21-9	Aroclor-1242	0.500	U	0.125	0.500
12672-29-6	Aroclor-1248	0.500	U	0.065	0.500
11097-69-1	Aroclor-1254	0.500	U	0.105	0.500
12674-11-2	Aroclor-1016	0.500	U	0.125	0.500
11096-82-5	Aroclor-1260	0.500	U	0.120	0.500

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a032.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a032.d
Lab Smp Id: 392704
Inj Date : 24-JUL-2006 02:12
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392704*1 mb w
Misc Info : GCSV~9694~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 16:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 32 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

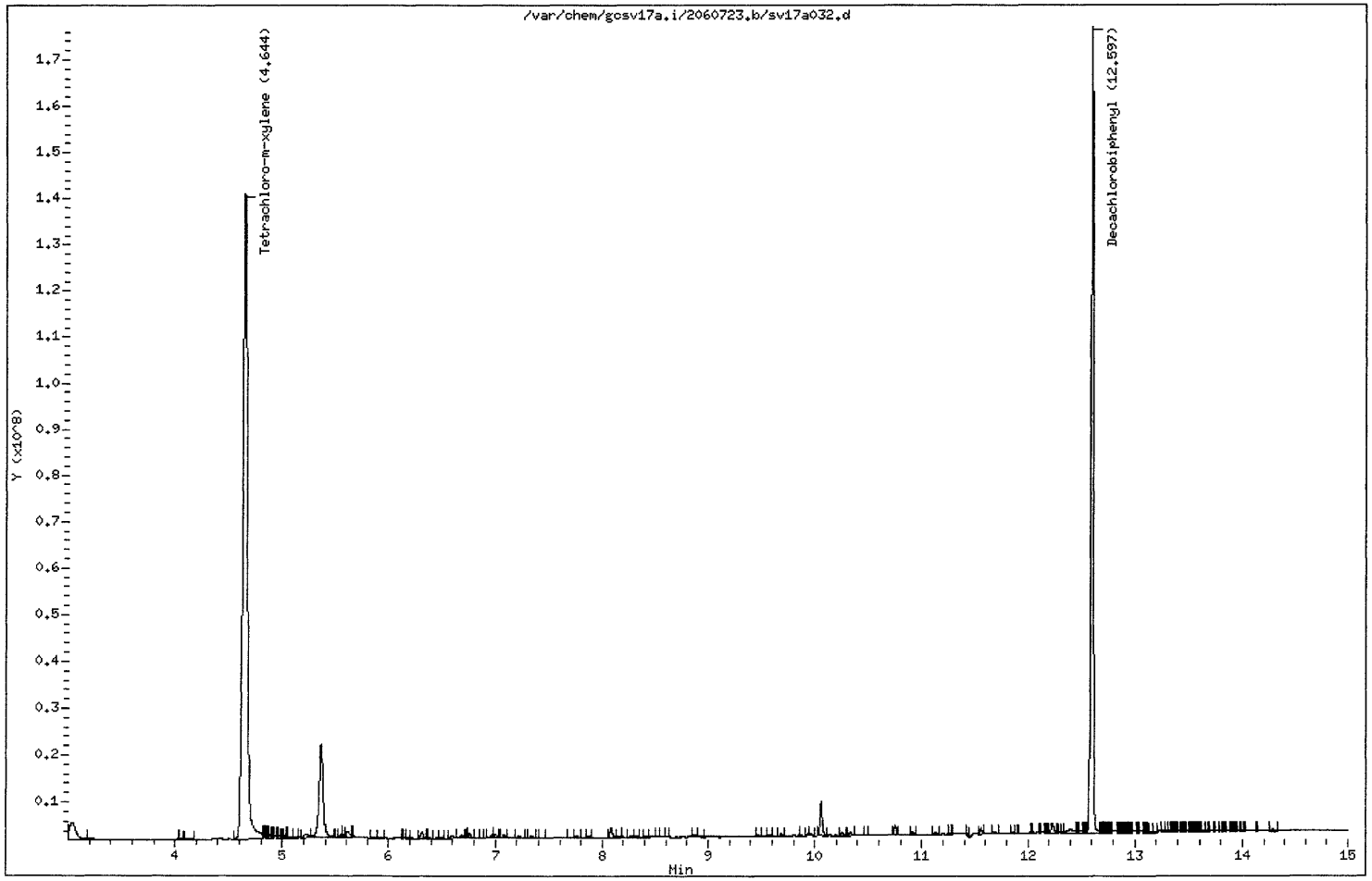
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
$ 1 Tetrachloro-m-xylene	4.644	4.649	-0.005	387296529	95.0602	0.48
$ 22 Decachlorobiphenyl	12.597	12.601	-0.004	256552404	82.2532	0.41

001686

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a032.d
Date : 24-JUL-2006 02:12
Client ID:
Sample Info: 392704*1 mb w
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



189658

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

Matrix: Soil

Sample wt/vol: 30 Units: g

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-35MS-3 ID: .25 (mm)

Concentrated Extract Volume: 5000 (µL)

Soil Aliquot Volume: (µL)

Injection Volume: 1 (µL)

GPC Cleanup: (Y/N) N pH:

Prep Batch: 328411 Analytical Batch: 328878

CONCENTRATION UNITS: ug/kg

Sample ID: LCS392363

Contract:

SAS No.: SDG No.: 206072006

Lab Sample ID: 392363

Date Collected: Time:

Date Received:

Date Extracted: 07/20/06

Date Analyzed: 07/25/06 Time: 1732

Dilution Factor: 1 Analyst: TLS

Prep Method: 3550B

Analytical Method: SW-846 8082

Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

Lab File ID: 2060725/SV17A007

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	55.5		2.69	20.0
11096-82-5	Aroclor-1260	60.9		2.71	20.0

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a007.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a007.d
Lab Smp Id: 392363
Inj Date : 25-JUL-2006 17:32
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392363*1 lcs
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:36 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1260s.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

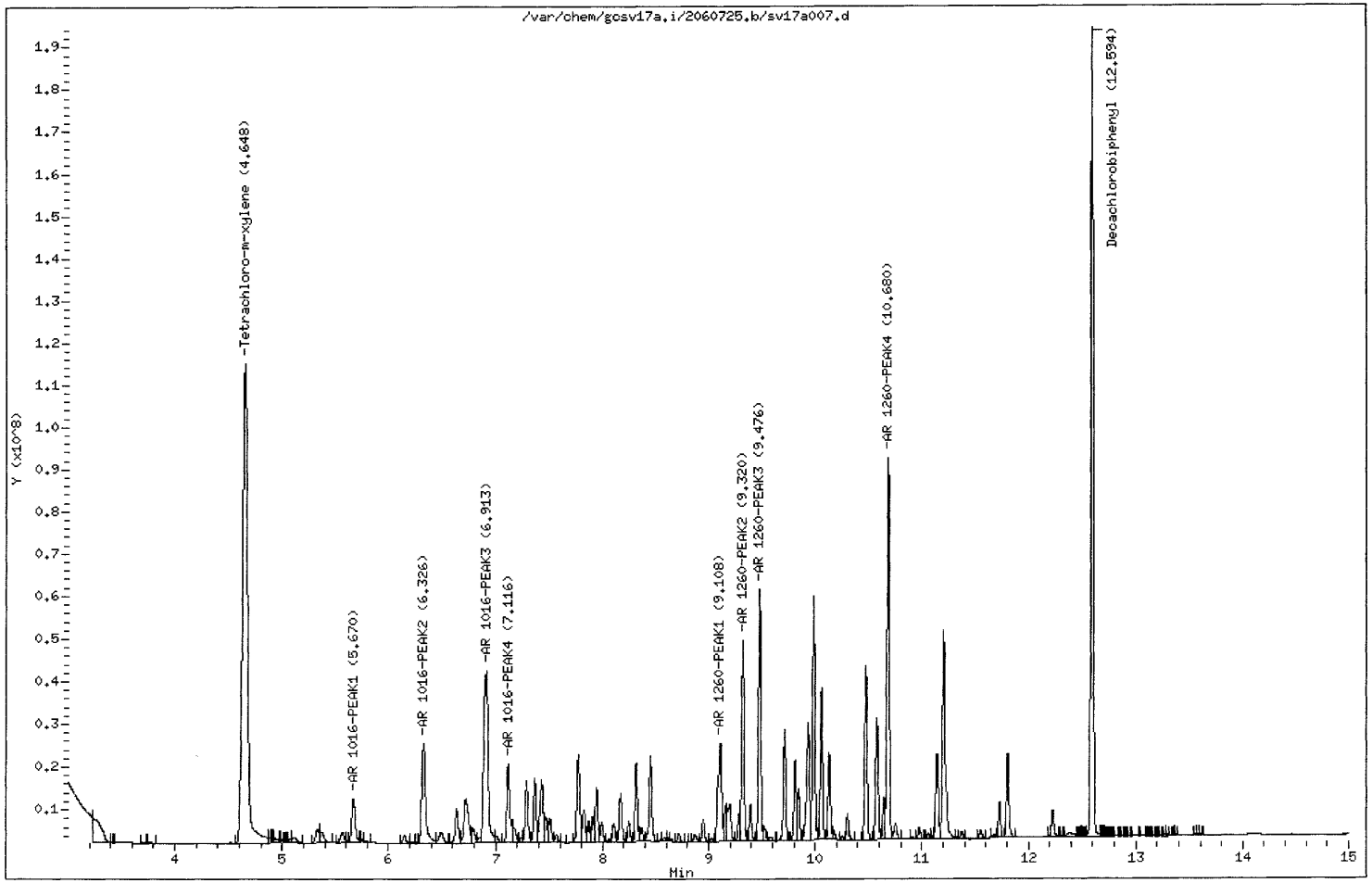
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.648	4.651	-0.003	363687409	89.2655	15
$ 22 Decachlorobiphenyl	12.594	12.601	-0.007	279091489	89.4794	15
M 23 AR 1016-AVG				232316907	332.723	55
24 AR 1016-PEAK1	5.670	5.674	-0.004	23417994	309.024	52
25 AR 1016-PEAK2	6.326	6.330	-0.004	58157676	335.927	56
26 AR 1016-PEAK3	6.913	6.917	-0.004	113568876	338.462	56
27 AR 1016-PEAK4	7.116	7.120	-0.004	37172361	326.709	54
M 28 AR 1260-AVG				340505706	365.267	61
29 AR 1260-PEAK1	9.108	9.116	-0.008	51400641	433.112	72
30 AR 1260-PEAK2	9.320	9.326	-0.006	72982336	377.314	63
31 AR 1260-PEAK3	9.476	9.481	-0.005	85621072	383.571	64
32 AR 1260-PEAK4	10.680	10.687	-0.007	130501657	328.814	55

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a007.d
Date : 25-JUL-2006 17:32
Client ID:
Sample Info: 392363*1 lcs
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



001689

189661

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328465 Analytical Batch: 328836

Sample ID: LCS392705
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 392705
Date Collected: Time:
Date Received:
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 0315
Dilution Factor: 1 Analyst: TLS
Prep Method: 3510C
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060723/SV17A035

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.72		0.125	0.500
11096-82-5	Aroclor-1260	1.94		0.120	0.500

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a035.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a035.d
Lab Smp Id: 392705
Inj Date : 24-JUL-2006 03:15
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392705*1 lcs
Misc Info : GCSV~9694~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 16:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 35 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1260s.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

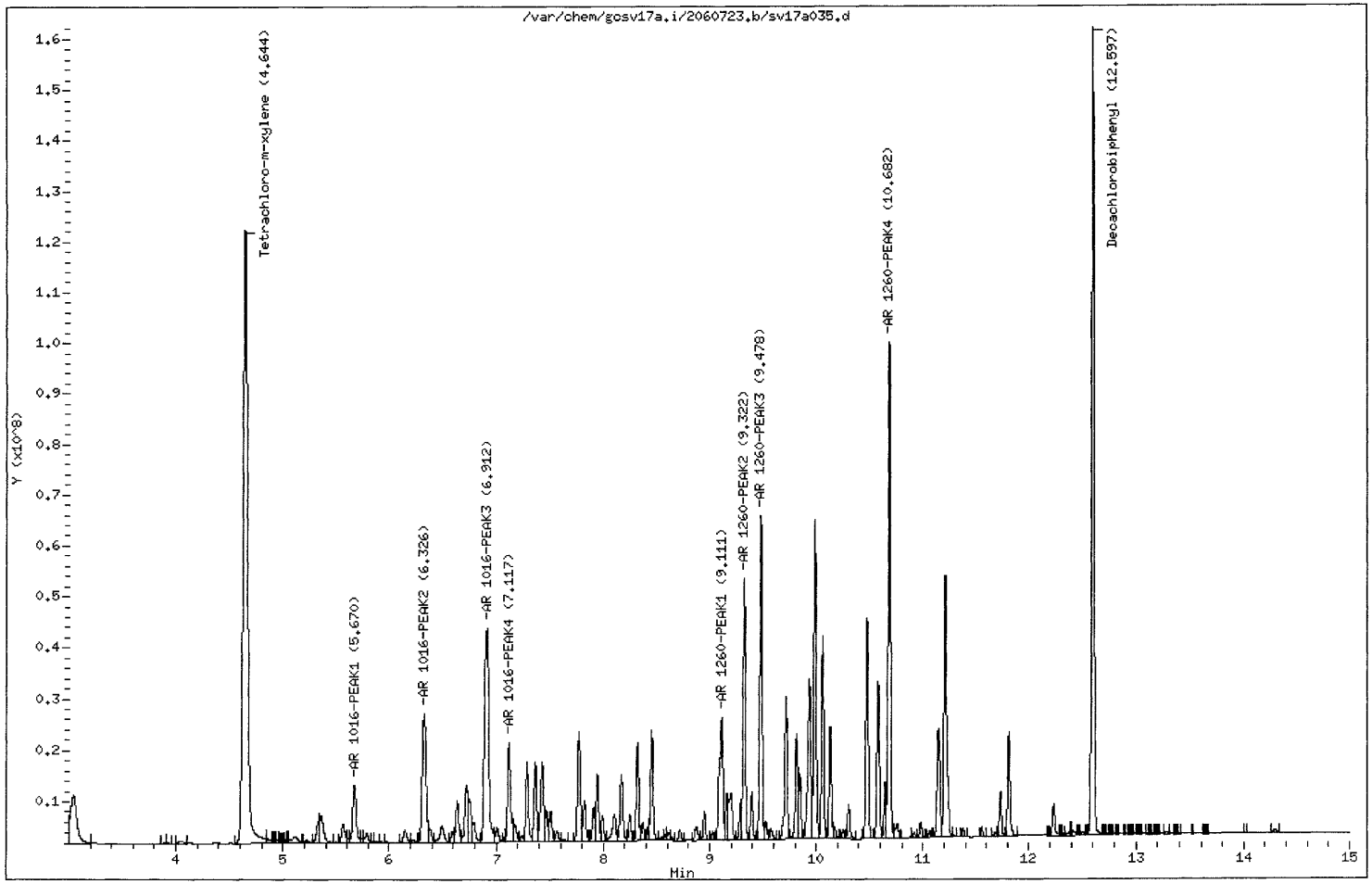
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
$ 1 Tetrachloro-m-xylene	4.644	4.649	-0.005	335283255	82.2938	0.41
$ 22 Decachlorobiphenyl	12.597	12.601	-0.004	237302186	76.0814	0.38
M 23 AR 1016-AVG				240286821	344.138	1.7
24 AR 1016-PEAK1	5.670	5.675	-0.005	25195598	332.481	1.7
25 AR 1016-PEAK2	6.326	6.331	-0.005	59616190	344.352	1.7
26 AR 1016-PEAK3	6.912	6.917	-0.005	116638577	347.610	1.7
27 AR 1016-PEAK4	7.117	7.121	-0.004	38836456	341.335	1.7
M 28 AR 1260-AVG				361699157	388.001	1.9
29 AR 1260-PEAK1	9.111	9.116	-0.005	53923607	454.371	2.3
30 AR 1260-PEAK2	9.322	9.326	-0.004	75880369	392.297	2.0
31 AR 1260-PEAK3	9.478	9.482	-0.004	92596708	414.821	2.1
32 AR 1260-PEAK4	10.682	10.687	-0.005	139298473	350.978	1.8

001692

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a035.d
Date : 24-JUL-2006 03:15
Client ID:
Sample Info: 392705*1 lcs
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



189664

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: LCSD392364
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 392364
Date Collected: Time:
Date Received:
Date Extracted: 07/20/06
Date Analyzed: 07/25/06 Time: 1753
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A008

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	58.5		2.69	20.0
11096-82-5	Aroclor-1260	62.0		2.71	20.0

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a008.d
Report Date: 27-Jul-2006 08:36

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a008.d
Lab Smp Id: 392364
Inj Date : 25-JUL-2006 17:53
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392364*1 lcsd
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 27-Jul-2006 08:36 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 8 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1260s.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

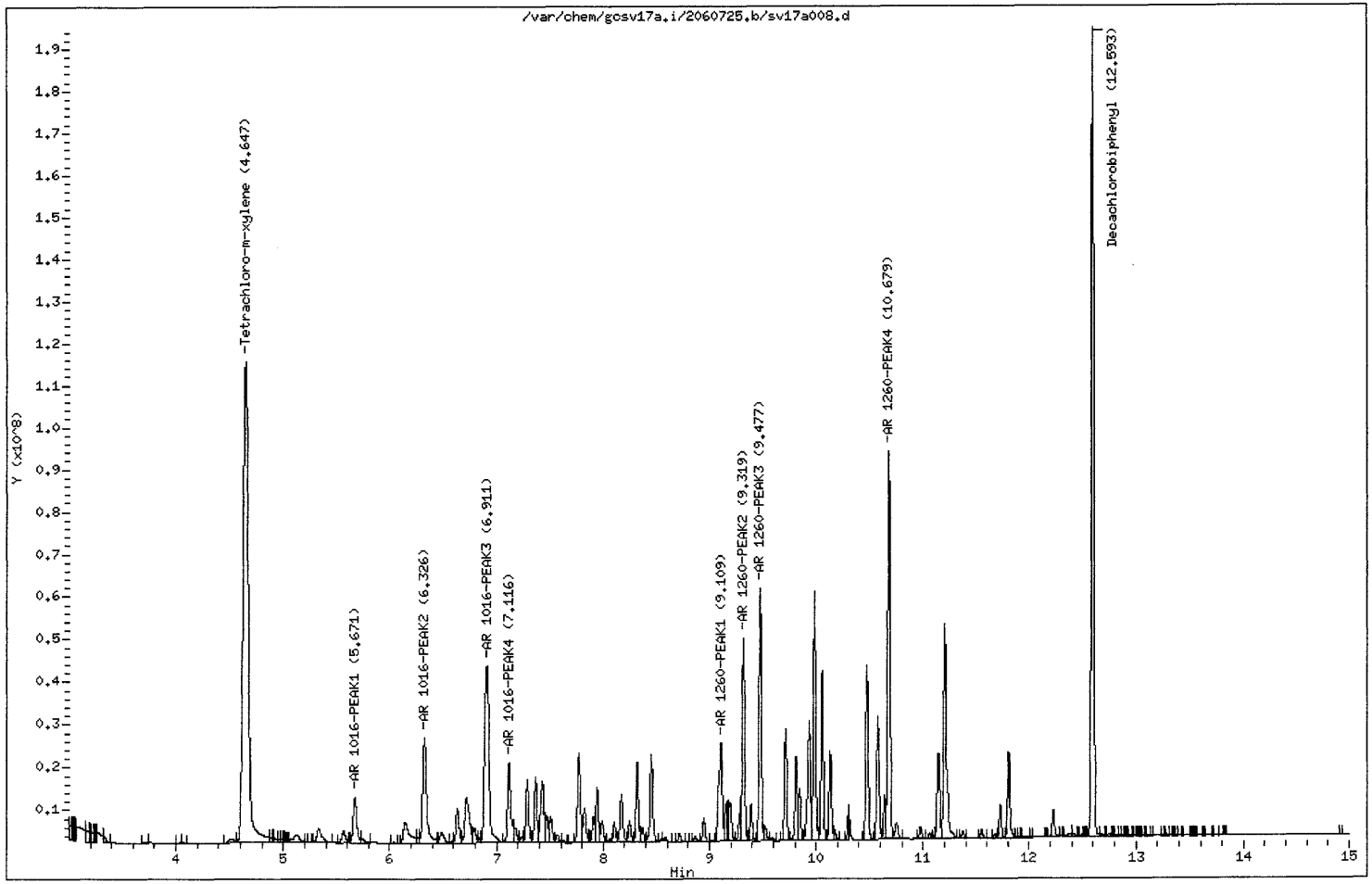
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.647	4.651	-0.004	379900198	93.2449	16
$ 22 Decachlorobiphenyl	12.593	12.601	-0.008	282603479	90.6054	15
M 23 AR 1016-AVG				245262255	351.264	59
24 AR 1016-PEAK1	5.671	5.674	-0.003	24988686	329.751	55
25 AR 1016-PEAK2	6.326	6.330	-0.004	62816056	362.835	60
26 AR 1016-PEAK3	6.911	6.917	-0.006	118391510	352.834	59
27 AR 1016-PEAK4	7.116	7.120	-0.004	39066003	343.352	57
M 28 AR 1260-AVG				346853977	372.077	62
29 AR 1260-PEAK1	9.109	9.116	-0.007	52461853	442.054	74
30 AR 1260-PEAK2	9.319	9.326	-0.007	74502188	385.172	64
31 AR 1260-PEAK3	9.477	9.481	-0.004	87194457	390.619	65
32 AR 1260-PEAK4	10.679	10.687	-0.008	132695479	334.341	56

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a008.d
Date : 25-JUL-2006 17:53
Client ID:
Sample Info: 392364*1 lcsd
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32



001695

189667

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Water
Sample wt/vol: 1000 Units: mL
Level: (low/med) LOW
% Moisture: decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328465 Analytical Batch: 328836

Sample ID: LCSD392706
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 392706
Date Collected: Time:
Date Received:
Date Extracted: 07/21/06
Date Analyzed: 07/24/06 Time: 0336
Dilution Factor: 1 Analyst: TLS
Prep Method: 3510C
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060723/SV17A036

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	1.80		0.125	0.500
11096-82-5	Aroclor-1260	1.98		0.120	0.500

FORM I ORG-1

Data File: /var/chem/gcsv17a.i/2060723.b/sv17a036.d
Report Date: 26-Jul-2006 16:25

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060723.b/sv17a036.d
Lab Smp Id: 392706
Inj Date : 24-JUL-2006 03:36
Operator : tls Inst ID: gcsv17a.i
Smp Info : 392706*1 lcsd
Misc Info : GCSV~9694~*
Comment :
Method : /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Meth Date : 26-Jul-2006 16:25 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 36 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1260s.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

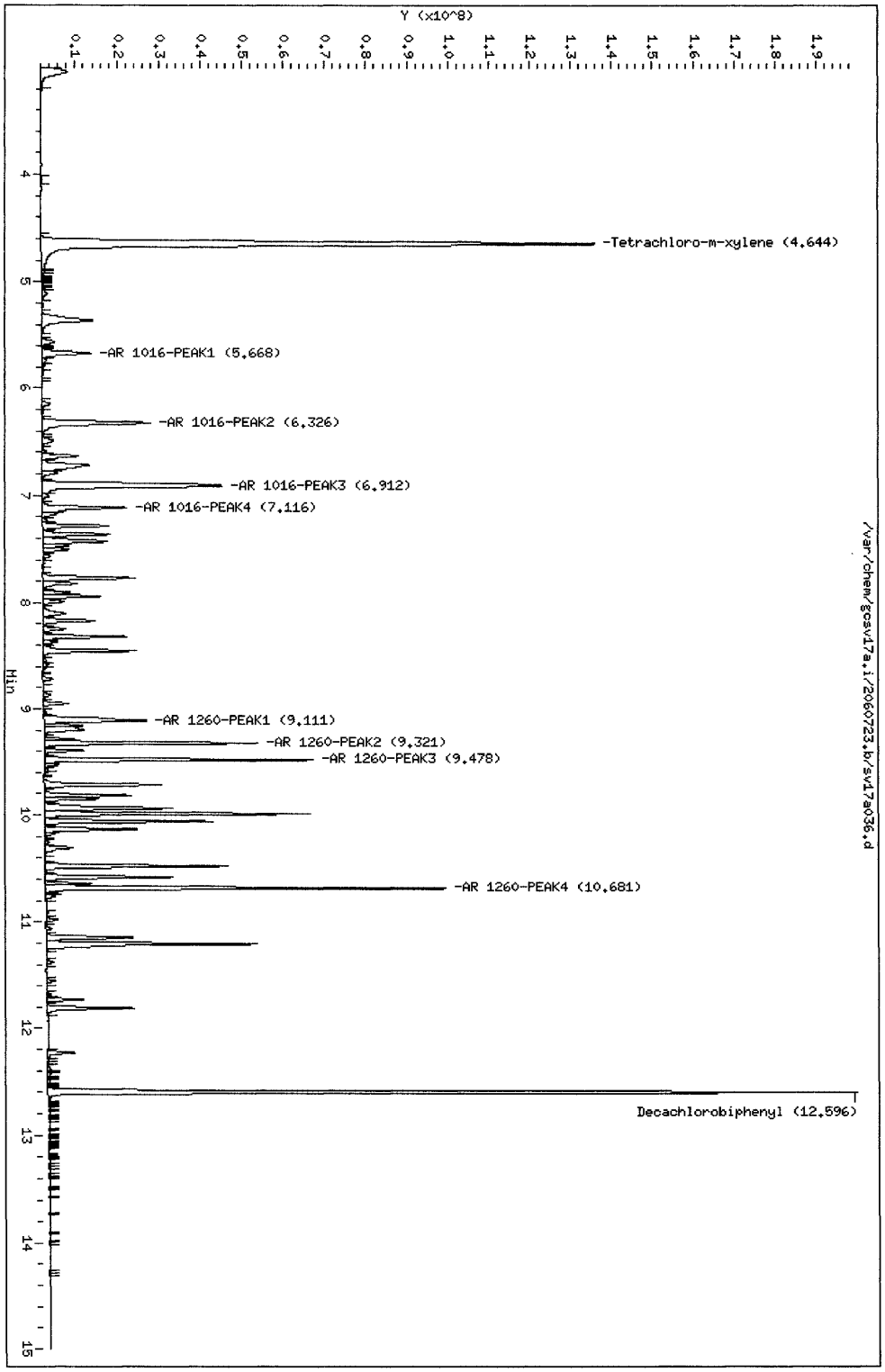
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/L)
$ 1 Tetrachloro-m-xylene	4.644	4.649	-0.005	384747164	94.4345	0.47
$ 22 Decachlorobiphenyl	12.596	12.601	-0.005	286298729	91.7901	0.46
M 23 AR 1016-AVG				251028946	359.523	1.8
24 AR 1016-PEAK1	5.668	5.675	-0.007	26286880	346.882	1.7
25 AR 1016-PEAK2	6.326	6.331	-0.005	63090218	364.419	1.8
26 AR 1016-PEAK3	6.912	6.917	-0.005	120589635	359.385	1.8
27 AR 1016-PEAK4	7.116	7.121	-0.005	41062213	360.897	1.8
M 28 AR 1260-AVG				368936582	395.765	2.0
29 AR 1260-PEAK1	9.111	9.116	-0.005	55948924	471.437	2.4
30 AR 1260-PEAK2	9.321	9.326	-0.005	78813427	407.460	2.0
31 AR 1260-PEAK3	9.478	9.482	-0.004	93186570	417.463	2.1
32 AR 1260-PEAK4	10.681	10.687	-0.006	140987661	355.234	1.8

Data File: /var/chem/gcsv17a.i/20060723.b/sv17a036.d
Date : 24-JUL-2006 03:36
Client ID:
Sample Info: 392706*1 lcsd
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i
Operator: tls
Column diameter: 0.32



001698

189670

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SF3SB45-090-(1-2)MS
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200603
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1144
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A072

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	111		3.56	26.5
11096-82-5	Aroclor-1260	365	E	3.59	26.5

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a072.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a072.d
Lab Smp Id: 20607200603
Inj Date : 27-JUL-2006 11:44
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200603*1ms
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 72 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1260s.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.656	4.647	0.009	365501886	89.7108	15
$ 22 Decachlorobiphenyl	12.610	12.599	0.011	327725033	105.072	18(M)
M 23 AR 1016-AVG				349474342	500.516	83
24 AR 1016-PEAK1	5.670	5.674	-0.004	20247377	267.185	45
25 AR 1016-PEAK2	6.332	6.330	0.002	47915377	276.766	46
26 AR 1016-PEAK3	6.919	6.917	0.002	96050513	286.253	48
27 AR 1016-PEAK4	7.141	7.120	0.021	185261075	1628.27	270(A)
M 28 AR 1260-AVG				1538635616	1650.52	280(A)
29 AR 1260-PEAK1	9.096	9.116	-0.020	210080956	1770.18	300(AM)
30 AR 1260-PEAK2	9.330	9.326	0.004	114928577	594.173	99
31 AR 1260-PEAK3	9.486	9.481	0.005	901821048	4040.04	670(A)
32 AR 1260-PEAK4	10.695	10.686	0.009	311805035	785.628	130(M)

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a072.d
Report Date: 31-Jul-2006 13:43

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

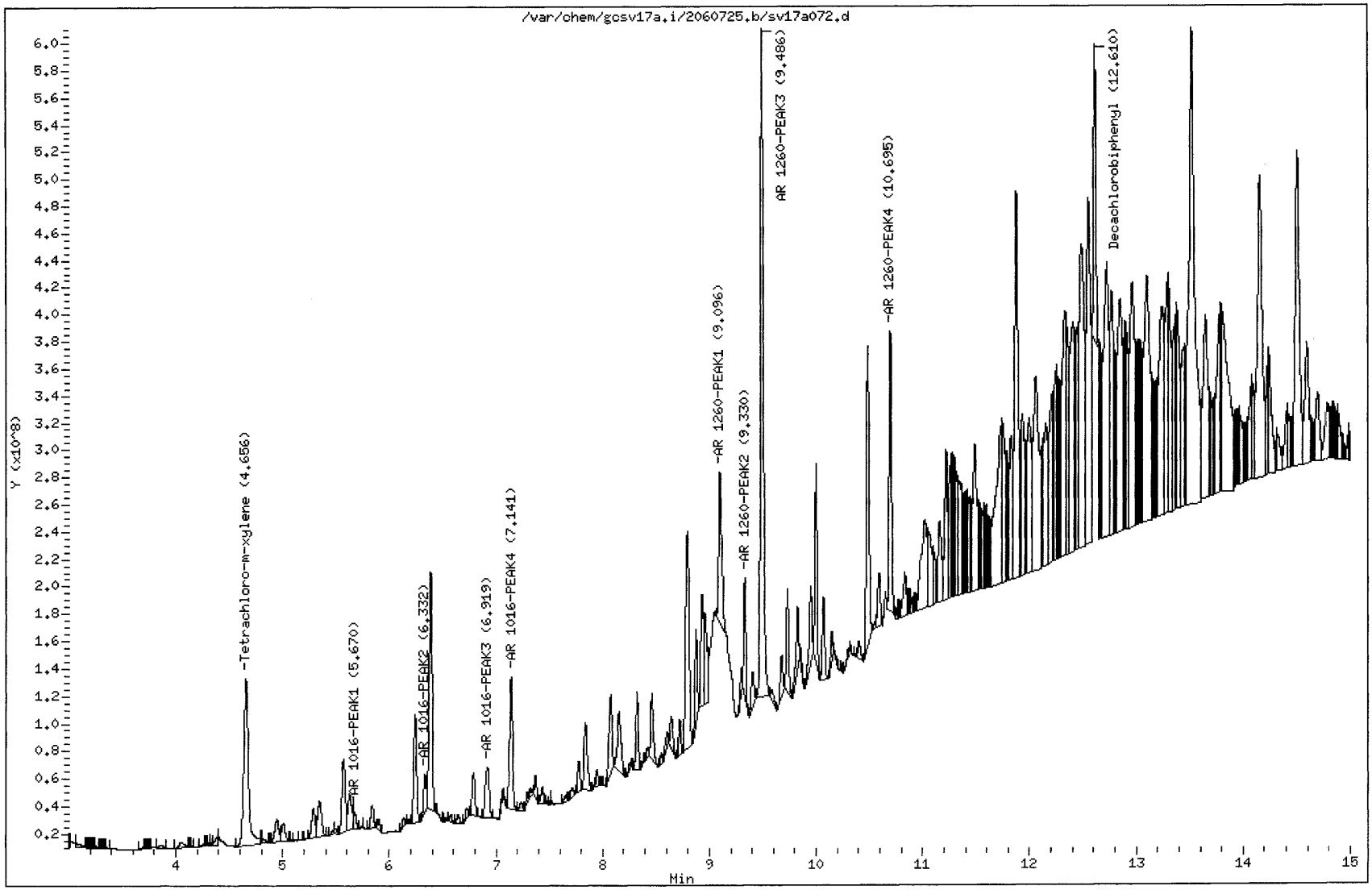
189673

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a072.d
Date : 27-JUL-2006 11:44
Client ID:
Sample Info: 20607200603*1ms
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001702



189674

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328411 Analytical Batch: 328878

Sample ID: SF3SB45-090-(1-2)MSD
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200604
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1205
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8082
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/SV17A073

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	73.4		3.56	26.5
11096-82-5	Aroclor-1260	236		3.59	26.5

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a073.d
Report Date: 31-Jul-2006 13:43

GCAL, Inc.

Data file : /var/chem/gcsv17a.i/2060725.b/sv17a073.d
Lab Smp Id: 20607200604
Inj Date : 27-JUL-2006 12:05
Operator : tls Inst ID: gcsv17a.i
Smp Info : 20607200604*1ms
Misc Info : GCSV~9697~*
Comment :
Method : /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Meth Date : 31-Jul-2006 13:43 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:57 Cal File: sv17a022.d
Als bottle: 73 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1260s.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.658	4.647	0.011	326379560	80.1084	13
$ 22 Decachlorobiphenyl	12.620	12.599	0.021	306692216	98.3285	16(M)
M 23 AR 1016-AVG				232007885	332.281	55
24 AR 1016-PEAK1	5.677	5.674	0.003	18596139	245.395	41
25 AR 1016-PEAK2	6.331	6.330	0.001	83446935	482.002	80
26 AR 1016-PEAK3	6.920	6.917	0.003	91543208	272.820	45
27 AR 1016-PEAK4	7.125	7.120	0.005	38421603	337.689	56
M 28 AR 1260-AVG				997402989	1069.93	180
29 AR 1260-PEAK1	9.103	9.116	-0.013	255918832	2156.42	360(A)
30 AR 1260-PEAK2	9.336	9.326	0.010	122699818	634.350	110(M)
31 AR 1260-PEAK3	9.497	9.481	0.016	179293989	803.213	130(M)
32 AR 1260-PEAK4	10.705	10.686	0.019	439490350	1107.35	180(M)

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a073.d
Report Date: 31-Jul-2006 13:43

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

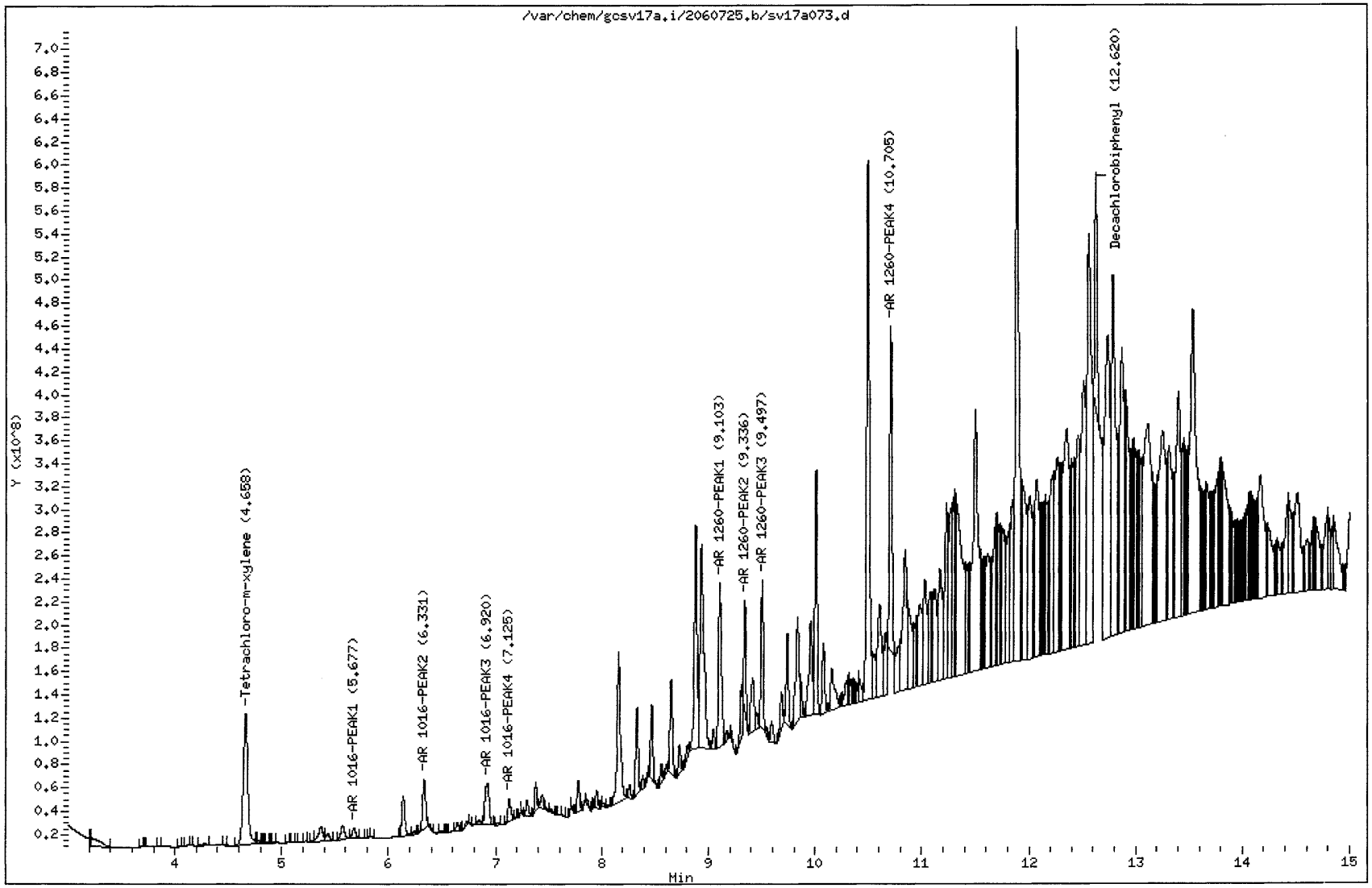
189677

Data File: /var/chem/gcsv17a.i/2060725.b/sv17a073.d
Date : 27-JUL-2006 12:05
Client ID:
Sample Info: 20607200604*1ms
Volume Injected (uL): 1.0
Column phase: RTX-35MS-30M

Instrument: gcsv17a.i

Operator: tls
Column diameter: 0.32

001706



189678

PESTICIDE SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	7-21-06 930/1430	BATCH NO:	328465
MATRIX:	WATER ☑ SOIL ☐ OTHER ☐	LEVEL:	LOW ☑ MEDIUM ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT mL g	FINAL VOLUME (mL)	Init pH	COMMENTS	METHOD
1	QC ACCOUNT	MB for HBN 328465 [EXTO/14255]	392704	1000	5.0	7	PCB	LIQUID LIQUID/3520
2	QC ACCOUNT	LCS for HBN 328465 [EXTO/14255	392705	1000	5.0	7		
3	QC ACCOUNT	LCSD for HBN 328465 [EXTO/1425	392706	1000	5.0	7		SEPARATORY FUNNEL/3510
4	4482	FB-503	20607200622	1000	5.0	7		✓
5	4482	FB-504	20607201919	1000	5.0	7		GPC CLEANUP/3640
6	4482	FB-505	20607210722	1000	5.0	7	1430	
7	4482	EB-501	20607210907	1000	5.0	7	1	SONICATOR/3550
8								
9								FLORISIL CLEANUP/3620
10								
11								PCB H2So4/3665A CLEANUP
12								
13								WASTE DILUTION/3580
14								
15								TCLP EXTRACTION FLUID 1
16								
17								TCLP EXTRACTION FLUID 2
18								
19								MECL2/Acetone No:
20								
21								ACETONE LOT NO:
22								
23								MECL2 Lot No:
24								C27E07
25								HEXANE Lot No:
26								B50E41
27								Sodium Sulfate Lot No:
28								C10592

7-21-06 JPA

COMMENTS: SAMPLE PREPARATION INCLUDE DETERMINATION OF SAMPLE VOLUME/WEIGHT, SOLVENT EXTRACTION AND EVAPORATION OF SOLVENT TO FINAL VOLUME

				PCB			
SURROGATE ID	10-27-2	8081 SPIKE ID		~~608~~ SPIKE ID	10-23-10	TECHNICIAN	DATE
VOLUME	1.0ml	VOLUME		VOLUME	~~1.0ml~~ 0.5 ml	Ralston Henderson	7-21-06
CONCENTRATION	0.5ug/ml	CONCENTRATION		CONCENTRATION	4.0ug/ml		
ACID					7-21-6 JPA	SUPERVISOR	DATE
SPIKE WITNESS	SLJ					Jody Lescin	7-21-6

001707

189679

PESTICIDE SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	07/20/06 21:30	BATCH NO:	328411
MATRIX:	WATER ☐ SOIL ☑ OTHER ☐	LEVEL:	LOW ☑ MEDIUM ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT mL g	FINAL VOLUME (mL)	Init pH	COMMENTS	METHOD
1	QC ACCOUNT	MB for HBN 328411 [EXTO/14238]	392362	30.0	5.0		PCB	LIQUID LIQUID/3520
2	QC ACCOUNT	LCS for HBN 328411 [EXTO/14238	392363	30.0	5.0			
3	QC ACCOUNT	LCSD for HBN 328411 [EXTO/1423	392364	30.0	5.0			SEPARATORY FUNNEL/3510
4	4482	SF3SB45-089-(0-0.5)	20607200601	30.0	5.0			
5	4482	SF3SB45-090-(1-2)	20607200602	30.0	5.0			GPC CLEANUP/3640
6	4482	SF3SB45-090-(1-2)MS	20607200603	30.0	5.0			
7	4482	SF3SB45-090-(1-2)MSD	20607200604	30.0	5.0			SONICATOR/3550
8	4482	SI5SB74-147-(0-0.5)	20607200605	30.3	5.0			
9	4482	SI5SB74-148-(1-2)	20607200606	30.3	5.0			FLORISIL CLEANUP/3620
10	4482	SH4SB64-128-(1-2)	20607200607	30.1	5.0			
11	4482	SH4SB64-127-(0-0.5)	20607200608	30.0	5.0			PCB H2So4/3665A CLEANUP
12	4482	SF4SB46-091-(0-0.5)	20607200609	30.4	5.0			
13	4482	SF4SB46-092-(1-2)	20607200611	30.0	5.0			WASTE DILUTION/3580
14	4482	SG4SB56-112-(1-2)	20607200612	30.5	5.0			
15	4482	SG4SB56-111-(0-0.5)	20607200613	30.2	5.0			TCLP EXTRACTION FLUID 1
16	4482	SE3SB39-077-(0-0.5)	20607200614	30.5	5.0			
17	4482	SE3SB39-078-(1-2)	20607200615	30.0	5.0			TCLP EXTRACTION FLUID 2
18	4482	SH5SB66-131-(0-0.5)	20607200616	30.5	5.0			
19	4482	SH5SB66-132-(1-2)	20607200617	30.0	5.0			MECL2/Acetone No:
20	4482	SH4SB65-130-(1-2)	20607200618	30.0	5.0			C06E11
21	4482	SH4SB65-129-(0-0.5)	20607200619	30.0	5.0			ACETONE LOT NO:
22	4482	SI4SB72-144-(1-2)	20607200620	30.0	5.0			
23	4482	SI4SB72-143-(0-0.5)	20607200621	30.0	5.0			MECL2 Lot No:
24	4482	NC1SE09-009-(0-0.5)	20607151519	30.3	5.0			
25								HEXANE Lot No:
26				SKB 07/24/06				C22E22
27								Sodium Sulfate Lot No:
28								B29465

COMMENTS: SAMPLE PREPARATION INCLUDE DETERMINATION OF SAMPLE VOLUME/WEIGHT, SOLVENT EXTRACTION AND EVAPORATION OF SOLVENT TO FINAL VOLUME

SURROGATE ID	10-27-2	~~8081~~ PCB SPIKE ID	10-23-10	608 SPIKE ID		TECHNICIAN	DATE
VOLUME	1.0mL	VOLUME	0.5mL	VOLUME		Lionel Thomas	07-20-06
CONCENTRATION	0.5ug/ml	CONCENTRATION	4.0ug/ml	CONCENTRATION		SKB	
ACID						SUPERVISOR	DATE
SPIKE WITNESS	DMH					John Bailey	07/24/06

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/01/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060720.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17a001.d	1000.00 ml	20-JUL-2006 17:35	1.000	tls	1	deg
1206		sv17a002.d	1000.00 ml	20-JUL-2006 17:56	1.000	tls	2	8081
1201		sv17a003.d	1000.00 ml	20-JUL-2006 18:17	1.000	tls	3	8081
1202		sv17a004.d	1000.00 ml	20-JUL-2006 18:38	1.000	tls	4	8081
1203		sv17a005.d	1000.00 ml	20-JUL-2006 18:59	1.000	tls	5	8081
1204		sv17a006.d	1000.00 ml	20-JUL-2006 19:20	1.000	tls	6	8081
1205		sv17a007.d	1000.00 ml	20-JUL-2006 19:41	1.000	tls	7	8081
1600		sv17a008.d	1.00 ml	20-JUL-2006 20:02	1.000	tls	8	8081
1205		sv17a009.d	1000.00 ml	20-JUL-2006 20:23	1.000	tls	9	chlor
1201		sv17a010.d	1000.00 ml	20-JUL-2006 20:44	1.000	tls	10	tox
1205		sv17a011.d	1000.00 ml	20-JUL-2006 21:05	1.000	tls	11	tox
1203		sv17a012.d	1000.00 ml	20-JUL-2006 21:26	1.000	tls	12	aro1221
1203		sv17a013.d	1000.00 ml	20-JUL-2006 21:47	1.000	tls	13	aro1232
1203		sv17a014.d	1000.00 ml	20-JUL-2006 22:09	1.000	tls	14	aro1242
1203		sv17a015.d	1000.00 ml	20-JUL-2006 22:30	1.000	tls	15	aro1248
1203		sv17a016.d	1000.00 ml	20-JUL-2006 22:51	1.000	tls	16	aro1254
1206		sv17a017.d	1000.00 ml	20-JUL-2006 23:12	1.000	tls	17	aro1260
1201		sv17a018.d	1000.00 ml	20-JUL-2006 23:32	1.000	tls	18	aro1260
1202		sv17a019.d	1000.00 ml	20-JUL-2006 23:54	1.000	tls	19	aro1260
1203		sv17a020.d	1000.00 ml	21-JUL-2006 00:15	1.000	tls	20	aro1260
1204		sv17a021.d	1000.00 ml	21-JUL-2006 00:36	1.000	tls	21	aro1260
1205		sv17a022.d	1000.00 ml	21-JUL-2006 00:57	1.000	tls	22	aro1260
1600		sv17a023.d	1.00 ml	21-JUL-2006 01:18	1.000	tls	23	aro1260
deg		sv17a024.d	1000.00 ml	21-JUL-2006 01:39	1.000	tls	24	deg
392211		sv17a025.d	1000.00 ml	21-JUL-2006 02:00	1.000	tls	25	all
392209		sv17a026.d	1000.00 ml	21-JUL-2006 02:21	1.000	tls	26	8081
392210		sv17a027.d	1000.00 ml	21-JUL-2006 02:42	1.000	tls	27	8081
392212		sv17a028.d	1000.00 ml	21-JUL-2006 03:03	1.000	tls	28	ar1260s
392213		sv17a029.d	1000.00 ml	21-JUL-2006 03:24	1.000	tls	29	ar1260s
20607191509		sv17a030.d	1000.00 ml	21-JUL-2006 03:45	1.000	tls	30	all
20607191510		sv17a031.d	1000.00 ml	21-JUL-2006 04:06	1.000	tls	31	all
20607191614		sv17a032.d	1000.00 ml	21-JUL-2006 04:27	1.000	tls	32	all
20607191616		sv17a033.d	1000.00 ml	21-JUL-2006 04:48	1.000	tls	33	all
1400		sv17a034.d	1000.00 ml	21-JUL-2006 05:09	1.000	tls	34	8081
1400		sv17a035.d	1000.00 ml	21-JUL-2006 05:30	1.000	tls	35	8081
1400		sv17a036.d	1000.00 ml	21-JUL-2006 05:51	1.000	tls	36	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/01/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060720.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060720.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
391388		sv17a037.d	1000.00 ml	21-JUL-2006 06:12	1.000	tls	37	all
391385		sv17a038.d	1000.00 ml	21-JUL-2006 06:33	1.000	tls	38	8081
391386		sv17a039.d	1000.00 ml	21-JUL-2006 06:54	1.000	tls	39	8081
391389		sv17a040.d	1000.00 ml	21-JUL-2006 07:15	1.000	tls	40	ar1260s
391390		sv17a041.d	1000.00 ml	21-JUL-2006 07:36	1.000	tls	41	ar1260s
20607144101		sv17a042.d	1000.00 ml	21-JUL-2006 07:57	1.000	tls	42	all
20607183501		sv17a043.d	1000.00 ml	21-JUL-2006 08:18	1.000	tls	43	pcb
1400		sv17a044.d	1000.00 ml	21-JUL-2006 08:39	1.000	tls	44	8081
1400		sv17a045.d	1000.00 ml	21-JUL-2006 09:00	1.000	tls	45	8081
1400		sv17a046.d	1000.00 ml	21-JUL-2006 09:21	1.000	tls	46	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/14/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060723.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17a001.d	1000.00 ml	23-JUL-2006 12:38	1.000	tls	1	deg
1400		sv17a002.d	1000.00 ml	23-JUL-2006 12:59	1.000	tls	2	8081
1400		sv17a003.d	1000.00 ml	23-JUL-2006 13:20	1.000	tls	3	aro1260
393150		sv17a004.d	1000.00 ml	23-JUL-2006 16:24	1.000	tls	4	all
393148		sv17a005.d	1000.00 ml	23-JUL-2006 16:45	1.000	tls	5	8081
393148		sv17a006.d	1000.00 ml	23-JUL-2006 17:06	1.000	tls	6	8081
393151		sv17a007.d	1000.00 ml	23-JUL-2006 17:27	1.000	tls	7	ar1260s
393152		sv17a008.d	1000.00 ml	23-JUL-2006 17:48	1.000	tls	8	ar1260s
20607202501		sv17a009.d	100.00 ml	23-JUL-2006 18:09	1.000	tls	9	pest
20607213101		sv17a010.d	1000.00 ml	23-JUL-2006 18:30	1.000	tls	10	all
20607213102		sv17a011.d	1000.00 ml	23-JUL-2006 18:51	1.000	tls	11	all
20607213103		sv17a012.d	1000.00 ml	23-JUL-2006 19:12	1.000	tls	12	all
20607213104		sv17a013.d	1000.00 ml	23-JUL-2006 19:33	1.000	tls	13	all
1400		sv17a014.d	1000.00 ml	23-JUL-2006 19:54	1.000	tls	14	8081
1400		sv17a015.d	1000.00 ml	23-JUL-2006 20:15	1.000	tls	15	8081
1400		sv17a016.d	1000.00 ml	23-JUL-2006 20:36	1.000	tls	16	aro1260
20607213105		sv17a017.d	1000.00 ml	23-JUL-2006 20:57	1.000	tls	17	all
20607213106		sv17a018.d	1000.00 ml	23-JUL-2006 21:18	1.000	tls	18	all
20607213107		sv17a019.d	1000.00 ml	23-JUL-2006 21:39	1.000	tls	19	all
20607213108		sv17a020.d	1000.00 ml	23-JUL-2006 22:00	1.000	tls	20	all
20607213109		sv17a021.d	1000.00 ml	23-JUL-2006 22:21	1.000	tls	21	8081
20607213110		sv17a022.d	1000.00 ml	23-JUL-2006 22:42	1.000	tls	22	8081
20607213109		sv17a023.d	1000.00 ml	23-JUL-2006 23:03	1.000	tls	23	ar1260s
20607213110		sv17a024.d	1000.00 ml	23-JUL-2006 23:24	1.000	tls	24	ar1260s
20607213301		sv17a025.d	1000.00 ml	23-JUL-2006 23:45	1.000	tls	25	all
20607213302		sv17a026.d	1000.00 ml	24-JUL-2006 00:06	1.000	tls	26	all
1400		sv17a027.d	1000.00 ml	24-JUL-2006 00:27	1.000	tls	27	8081
1400		sv17a028.d	1000.00 ml	24-JUL-2006 00:48	1.000	tls	28	8081
1400		sv17a029.d	1000.00 ml	24-JUL-2006 01:09	1.000	tls	29	aro1260
deg		sv17a030.d	1000.00 ml	24-JUL-2006 01:30	1.000	tls	30	deg
tblk		sv17a031.d	100.00 ml	24-JUL-2006 01:51	1.000	tls	31	pest
392704		sv17a032.d	1000.00 ml	24-JUL-2006 02:12	1.000	tls	32	all
392702		sv17a033.d	1000.00 ml	24-JUL-2006 02:33	1.000	tls	33	8081
392703		sv17a034.d	1000.00 ml	24-JUL-2006 02:54	1.000	tls	34	8081
392705		sv17a035.d	1000.00 ml	24-JUL-2006 03:15	1.000	tls	35	ar1260s
392706		sv17a036.d	1000.00 ml	24-JUL-2006 03:36	1.000	tls	36	ar1260s

189683

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/14/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060723.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060723.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
20607200622		sv17a037.d	1000.00 ml	24-JUL-2006 03:57	1.000	tls	37	all
20607201919		sv17a038.d	1000.00 ml	24-JUL-2006 04:18	1.000	tls	38	all
20607210722		sv17a039.d	1000.00 ml	24-JUL-2006 04:39	1.000	tls	39	all
20607210907		sv17a040.d	1000.00 ml	24-JUL-2006 05:00	1.000	tls	40	all
1400		sv17a041.d	1000.00 ml	24-JUL-2006 05:21	1.000	tls	41	8081
1400		sv17a042.d	1000.00 ml	24-JUL-2006 05:42	1.000	tls	42	8081
1400		sv17a043.d	1000.00 ml	24-JUL-2006 06:03	1.000	tls	43	aro1260

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/13/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060724.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060724.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Injection Time	DilFactor	Anal	Comments
deg		sv17a001.d	24-JUL-2006 09:42	1.000	tls	deg
1400		sv17a002.d	24-JUL-2006 10:03	1.000	tls	8081
1400		sv17a003.d	24-JUL-2006 10:24	1.000	tls	aro1260
391904		sv17a004.d	24-JUL-2006 11:58	1.000	tls	all
391902		sv17a005.d	24-JUL-2006 12:19	1.000	tls	8081
391903		sv17a006.d	24-JUL-2006 12:40	1.000	tls	8081
391905		sv17a007.d	24-JUL-2006 13:01	1.000	tls	ar1260s
391906		sv17a008.d	24-JUL-2006 13:22	1.000	tls	ar1260s
20607191512		sv17a009.d	24-JUL-2006 13:43	1.000	tls	all
20607191513		sv17a010.d	24-JUL-2006 14:04	1.000	tls	all
20607191514		sv17a011.d	24-JUL-2006 14:25	1.000	tls	all
20607191515		sv17a012.d	24-JUL-2006 14:46	1.000	tls	all
20607191516		sv17a013.d	24-JUL-2006 15:07	1.000	tls	all
1400		sv17a014.d	24-JUL-2006 15:28	1.000	tls	8081
1400		sv17a015.d	24-JUL-2006 15:51	1.000	tls	8081
1400		sv17a016.d	24-JUL-2006 16:26	1.000	tls	aro1260
20607191517		sv17a017.d	24-JUL-2006 16:47	1.000	tls	all
20607191518		sv17a019.d	24-JUL-2006 17:29	1.000	tls	all
20607191519		sv17a021.d	24-JUL-2006 18:11	1.000	tls	all
20607191521		sv17a023.d	24-JUL-2006 18:53	1.000	tls	all
20607191522		sv17a025.d	24-JUL-2006 19:35	1.000	tls	all
20607191523		sv17a027.d	24-JUL-2006 20:17	1.000	tls	all
20607191524		sv17a029.d	24-JUL-2006 20:59	1.000	tls	all
20607191526		sv17a031.d	24-JUL-2006 21:41	1.000	tls	all
hex		sv17a032.d	24-JUL-2006 22:02	1.000	tls	all
20607191527		sv17a033.d	24-JUL-2006 22:23	1.000	tls	all
20607191528		sv17a035.d	24-JUL-2006 23:05	1.000	tls	all
1400		sv17a038.d	25-JUL-2006 00:08	1.000	tls	8081
1400		sv17a039.d	25-JUL-2006 00:29	1.000	tls	8081
1400		sv17a040.d	25-JUL-2006 00:50	1.000	tls	aro1260
deg		sv17a041.d	25-JUL-2006 01:11	1.000	tls	deg
391902		sv17a049.d	25-JUL-2006 03:59	1.000	tls	8081
391903		sv17a050.d	25-JUL-2006 04:20	1.000	tls	8081
1400		sv17a051.d	25-JUL-2006 04:41	1.000	tls	aro1260
1400		sv17a052.d	25-JUL-2006 05:02	1.000	tls	8081
1400		sv17a053.d	25-JUL-2006 05:23	1.000	tls	8081

REVISED 6-1-95 Supervisor Review: QA Review:

189685

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 08/13/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060724.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060724.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Injection Time	DilFactor	Anal	Comments
deg		sv17a054.d	25-JUL-2006 09:16	1.000	tls	deg
1400		sv17a055.d	25-JUL-2006 09:36	1.000	tls	8081
1400		sv17a056.d	25-JUL-2006 09:57	1.000	tls	aro1260
391902		sv17a057.d	25-JUL-2006 10:49	1.000	tls	8081
391903		sv17a058.d	25-JUL-2006 11:10	1.000	tls	8081
20607191506		sv17a059.d	25-JUL-2006 11:31	1.000	tls	all
20607191601		sv17a060.d	25-JUL-2006 11:52	1.000	tls	all
20607191602		sv17a061.d	25-JUL-2006 12:13	1.000	tls	all
20607191603		sv17a062.d	25-JUL-2006 12:34	1.000	tls	all
1400		sv17a063.d	25-JUL-2006 12:55	1.000	tls	8081
1400		sv17a064.d	25-JUL-2006 13:24	1.000	tls	8081
1400		sv17a065.d	25-JUL-2006 13:45	1.000	tls	aro1260

REVISED 6-1-95 Supervisor Review: QA Review:

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 07/31/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060725.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
deg		sv17a001.d	1000.00 ml	25-JUL-2006 14:28	1.000	tls	1	deg
1400		sv17a002.d	1000.00 ml	25-JUL-2006 14:49	1.000	tls	2	8081
1400		sv17a003.d	1000.00 ml	25-JUL-2006 15:10	1.000	tls	3	aro1260
392362		sv17a004.d	30.00 g	25-JUL-2006 16:29	1.000	tls	4	all
392360		sv17a005.d	30.00 g	25-JUL-2006 16:50	1.000	tls	5	8081
392361		sv17a006.d	30.00 g	25-JUL-2006 17:11	1.000	tls	6	8081
392363		sv17a007.d	30.00 g	25-JUL-2006 17:32	1.000	tls	7	ar1260s
392364		sv17a008.d	30.00 g	25-JUL-2006 17:53	1.000	tls	8	ar1260s
1400		sv17a009.d	1000.00 ml	25-JUL-2006 18:14	1.000	tls	9	8081
1400		sv17a010.d	1000.00 ml	25-JUL-2006 18:35	1.000	tls	10	8081
1400		sv17a011.d	1000.00 ml	25-JUL-2006 18:56	1.000	tls	11	aro1260
20607191527		sv17a012.d	30.00 g	25-JUL-2006 19:17	1.000	tls	12	all
1400		sv17a026.d	30.00 g	26-JUL-2006 00:11	1.000	tls	26	8081
1400		sv17a027.d	1000.00 ml	26-JUL-2006 00:32	1.000	tls	27	8081
1400		sv17a028.d	1000.00 ml	26-JUL-2006 00:53	1.000	tls	28	aro1260
deg		sv17a048.d	1000.00 ml	26-JUL-2006 08:55	1.000	tls	48	deg
1400		sv17a049.d	1000.00 ml	26-JUL-2006 10:29	1.000	tls	49	8081
1400		sv17a050.d	1000.00 ml	26-JUL-2006 11:11	1.000	tls	50	aro1260
20607191527		sv17a051.d	30.00 g	26-JUL-2006 12:00	1.000	tls	51	all
20607151519		sv17a052.d	30.30 g	26-JUL-2006 12:21	1.000	tls	52	all
1400		sv17a053.d	1000.00 ml	26-JUL-2006 12:43	1.000	tls	53	8081
1400		sv17a054.d	1000.00 ml	26-JUL-2006 13:09	1.000	tls	54	8081
1400		sv17a055.d	1000.00 ml	26-JUL-2006 13:30	1.000	tls	55	aro1260
20607200605		sv17a056.d	30.30 g	26-JUL-2006 14:17	1.000	tls	56	all
20607200606		sv17a057.d	30.30 g	26-JUL-2006 14:37	1.000	tls	57	all
20607200615		sv17a058.d	30.00 g	26-JUL-2006 14:58	1.000	tls	58	all
20607200617		sv17a059.d	30.00 g	26-JUL-2006 15:20	1.000	tls	59	all
1400		sv17a060.d	1000.00 ml	26-JUL-2006 15:40	1.000	tls	60	8081
1400		sv17a061.d	1000.00 ml	26-JUL-2006 16:22	1.000	tls	61	8081
1400		sv17a062.d	1000.00 ml	26-JUL-2006 16:47	1.000	tls	62	aro1260
deg		sv17a063.d	1000.00 ml	27-JUL-2006 08:03	1.000	tls	63	deg
1400		sv17a064.d	1000.00 ml	27-JUL-2006 08:24	1.000	tls	64	8081
1400		sv17a065.d	1000.00 ml	27-JUL-2006 08:45	1.000	tls	65	aro1260
20607200620		sv17a066.d	30.00 g	27-JUL-2006 09:38	1.000	tls	66	pcb
20607200621		sv17a067.d	30.00 g	27-JUL-2006 09:59	1.000	tls	67	pcb
20607200618		sv17a068.d	30.00 g	27-JUL-2006 10:20	1.000	tls	68	pcb

189687

LABORATORY CHRONICLE: GCSV DEPARTMENT

Date: 07/31/2006
Instrument: gcsv17a.i
Method File: /var/chem/gcsv17a.i/2060725.b/pest35MS.m
Batch: /var/chem/gcsv17a.i/2060725.b
Column-Detector: RTX-35MS-30M

Sample ID	Standard ID	DataFile	Wgt/Vol	Injection Time	Dil	Anal	ALS	Comments
20607200619		sv17a069.d	30.00 g	27-JUL-2006 10:41	1.000	tls	69	pcb
20607200603		sv17a070.d	30.50 g	27-JUL-2006 11:02	1.000	tls	70	8081
20607200604		sv17a071.d	30.00 g	27-JUL-2006 11:23	1.000	tls	71	8081
20607200603		sv17a072.d	30.00 g	27-JUL-2006 11:44	1.000	tls	72	ar1260s
20607200604		sv17a073.d	30.00 g	27-JUL-2006 12:05	1.000	tls	73	ar1260s
20607200607		sv17a074.d	30.10 g	27-JUL-2006 12:26	1.000	tls	74	all
20607200608		sv17a075.d	30.00 g	27-JUL-2006 12:47	1.000	tls	75	all
1400		sv17a076.d	1000.00 ml	27-JUL-2006 13:08	1.000	tls	76	8081
1400		sv17a077.d	1000.00 ml	27-JUL-2006 14:21	1.000	tls	77	8081
1400		sv17a078.d	1000.00 ml	27-JUL-2006 14:43	1.000	tls	78	aro1260
20607200609		sv17a079.d	30.40 g	27-JUL-2006 15:17	1.000	tls	79	all
20607200611		sv17a080.d	30.00 g	27-JUL-2006 15:38	1.000	tls	80	all
20607200601		sv17a081.d	30.00 g	27-JUL-2006 15:59	1.000	tls	81	all
1400		sv17a082.d	1000.00 ml	27-JUL-2006 16:42	1.000	tls	82	8081
1400		sv17a083.d	1000.00 ml	27-JUL-2006 18:06	1.000	tls	83	8081
1400		sv17a084.d	1000.00 ml	27-JUL-2006 18:27	1.000	tls	84	aro1260
deg		sv17a085.d	1000.00 ml	28-JUL-2006 08:46	1.000	tls	85	deg
1400		sv17a086.d	1000.00 ml	28-JUL-2006 09:07	1.000	tls	86	8081
1400		sv17a087.d	1000.00 ml	28-JUL-2006 09:28	1.000	tls	87	aro1260
20607200602		sv17a088.d	30.00 g	28-JUL-2006 10:16	1.000	tls	88	all
20607200612		sv17a089.d	30.50 g	28-JUL-2006 10:37	1.000	tls	89	all
20607200613		sv17a090.d	30.20 g	28-JUL-2006 10:58	1.000	tls	90	all
20607200614		sv17a091.d	30.40 g	28-JUL-2006 11:19	1.000	tls	91	all
20607200616		sv17a092.d	30.50 g	28-JUL-2006 11:40	1.000	tls	92	all
20607200612		sv17a093.d	30.50 g	28-JUL-2006 12:01	10.000	tls	93	all
20607200611		sv17a094.d	30.00 g	28-JUL-2006 12:44	10.000	tls	94	all
20607200615		sv17a095.d	30.00 g	28-JUL-2006 13:06	10.000	tls	95	all
1400		sv17a096.d	1000.00 ml	28-JUL-2006 13:27	1.000	tls	96	8081
1400		sv17a097.d	1000.00 ml	28-JUL-2006 15:02	1.000	tls	97	8081
1400		sv17a098.d	1000.00 ml	28-JUL-2006 15:26	1.000	tls	98	aro1260

U.S. EPA - CLP
COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

SOW No.:

EPA Sample No.	*Lab Sample ID.*
SF3SB45-089-(0-0.5)	20607200601
SF3SB45-090-(1-2)	20607200602
SF3SB45-090-(1-2)MS	20607200603
SF3SB45-090-(1-2)MSD	20607200604
SI5SB74-147-(0-0.5)	20607200605
SI5SB74-148-(1-2)	20607200606
SH4SB64-128-(1-2)	20607200607
SH4SB64-127-(0-0.5)	20607200608
SF4SB46-091-(0-0.5)	20607200609
SF4SB46-092-(1-2)	20607200611
SG4SB56-112-(1-2)	20607200612
SG4SB56-111-(0-0.5)	20607200613
SE3SB39-077-(0-0.5)	20607200614
SE3SB39-078-(1-2)	20607200615
SH5SB66-131-(0-0.5)	20607200616
SH5SB66-132-(1-2)	20607200617
FB-503	20607200622

Were ICP interelement corrections applied ?	Yes / No	YES
Were ICP background corrections applied ?	Yes / No	YES
If yes-were raw data generated before application of background corrections ?	Yes / No	NO

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SF3SB45-089-(0-0.5)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 86.48
Lab Sample ID: 20607200601
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1630

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	1550	mg/kg		0.83	9.18	SW-846 6010B	P
Antimony	2.75	mg/kg	U	0.22	2.75	SW-846 6010B	P
Arsenic	8.80	mg/kg		0.19	1.84	SW-846 6010B	P
Barium	272	mg/kg		0.019	0.46	SW-846 6010B	P
Beryllium	0.053	mg/kg	B	0.0034	0.23	SW-846 6010B	P
Boron	4.59	mg/kg	U	1.08	4.59	SW-846 6010B	P
Cadmium	0.84	mg/kg		0.019	0.23	SW-846 6010B	P
Chromium	17.3	mg/kg		0.047	0.46	SW-846 6010B	P
Cobalt	2.28	mg/kg		0.025	0.46	SW-846 6010B	P
Copper	25.8	mg/kg		0.065	0.46	SW-846 6010B	P
Iron	23300	mg/kg		1.05	4.59	SW-846 6010B	P
Lead	103	mg/kg		0.075	0.69	SW-846 6010B	P
Lithium	2.14	mg/kg	B	0.16	2.29	SW-846 6010B	P
Manganese	178	mg/kg		0.033	0.69	SW-846 6010B	P
Mercury	0.020	mg/kg		0.0023	0.012	SW-846 7471A	AV
Molybdenum	1.93	mg/kg		0.071	1.38	SW-846 6010B	P
Nickel	11.3	mg/kg		0.068	1.84	SW-846 6010B	P
Selenium	1.84	mg/kg	U	0.48	1.84	SW-846 6010B	P
Silver	0.46	mg/kg	U	0.054	0.46	SW-846 6010B	P
Strontium	24.1	mg/kg		0.025	0.46	SW-846 6010B	P
Thallium	0.92	mg/kg	U	0.088	0.92	SW-846 6010B	P
Tin	0.55	mg/kg	B	0.51	4.59	SW-846 6010B	P
Titanium	12.5	mg/kg		0.015	4.59	SW-846 6010B	P
Vanadium	8.51	mg/kg		0.017	0.92	SW-846 6010B	P
Zinc	399	mg/kg		0.20	0.92	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SF3SB45-090-(1-2)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 75.44
Lab Sample ID: 20607200602
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1625

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	7460	mg/kg		0.96	10.6	SW-846 6010B	P
Antimony	3.18	mg/kg	U	0.25	3.18	SW-846 6010B	P
Arsenic	9.58	mg/kg		0.22	2.12	SW-846 6010B	P
Barium	187	mg/kg		0.022	0.53	SW-846 6010B	P
Beryllium	0.46	mg/kg		0.0040	0.27	SW-846 6010B	P
Boron	5.30	mg/kg	U	1.24	5.30	SW-846 6010B	P
Cadmium	2.74	mg/kg		0.022	0.27	SW-846 6010B	P
Chromium	27.0	mg/kg		0.054	0.53	SW-846 6010B	P
Cobalt	5.00	mg/kg		0.029	0.53	SW-846 6010B	P
Copper	42.6	mg/kg		0.076	0.53	SW-846 6010B	P
Iron	22400	mg/kg		1.21	5.30	SW-846 6010B	P
Lead	107	mg/kg		0.086	0.80	SW-846 6010B	P
Lithium	10.3	mg/kg		0.19	2.65	SW-846 6010B	P
Manganese	335	mg/kg		0.038	0.80	SW-846 6010B	P
Mercury	0.035	mg/kg		0.0027	0.013	SW-846 7471A	AV
Molybdenum	0.50	mg/kg	B	0.082	1.59	SW-846 6010B	P
Nickel	15.9	mg/kg		0.078	2.12	SW-846 6010B	P
Selenium	2.12	mg/kg	U	0.56	2.12	SW-846 6010B	P
Silver	0.53	mg/kg	U	0.062	0.53	SW-846 6010B	P
Strontium	73.0	mg/kg		0.029	0.53	SW-846 6010B	P
Thallium	1.06	mg/kg	U	0.10	1.06	SW-846 6010B	P
Tin	3.20	mg/kg	B	0.59	5.30	SW-846 6010B	P
Titanium	24.4	mg/kg		0.017	5.30	SW-846 6010B	P
Vanadium	16.9	mg/kg		0.019	1.06	SW-846 6010B	P
Zinc	7650	mg/kg		2.36	10.6	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SF3SB45-090-(1-2)MS
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 75.44
Lab Sample ID: 20607200603
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1625

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	10800	mg/kg		0.96	10.6	SW-846 6010B	P
Antimony	5.79	mg/kg		0.25	3.18	SW-846 6010B	P
Arsenic	35.2	mg/kg		0.22	2.12	SW-846 6010B	P
Barium	209	mg/kg		0.022	0.53	SW-846 6010B	P
Beryllium	28.3	mg/kg		0.0040	0.27	SW-846 6010B	P
Boron	64.2	mg/kg		1.24	5.30	SW-846 6010B	P
Cadmium	30.6	mg/kg		0.022	0.27	SW-846 6010B	P
Chromium	43.7	mg/kg		0.054	0.53	SW-846 6010B	P
Cobalt	31.5	mg/kg		0.029	0.53	SW-846 6010B	P
Copper	66.0	mg/kg		0.076	0.53	SW-846 6010B	P
Iron	20600	mg/kg		1.21	5.30	SW-846 6010B	P
Lead	133	mg/kg		0.086	0.80	SW-846 6010B	P
Lithium	39.3	mg/kg		0.19	2.65	SW-846 6010B	P
Manganese	497	mg/kg		0.038	0.80	SW-846 6010B	P
Mercury	0.36	mg/kg		0.0027	0.013	SW-846 7471A	AV
Molybdenum	18.5	mg/kg		0.082	1.59	SW-846 6010B	P
Nickel	42.1	mg/kg		0.078	2.12	SW-846 6010B	P
Selenium	23.9	mg/kg		0.56	2.12	SW-846 6010B	P
Silver	26.0	mg/kg		0.062	0.53	SW-846 6010B	P
Strontium	101	mg/kg		0.029	0.53	SW-846 6010B	P
Thallium	22.4	mg/kg		0.10	1.06	SW-846 6010B	P
Tin	24.8	mg/kg		0.59	5.30	SW-846 6010B	P
Titanium	30.5	mg/kg		0.017	5.30	SW-846 6010B	P
Vanadium	45.2	mg/kg		0.019	1.06	SW-846 6010B	P
Zinc	13100	mg/kg		2.36	10.6	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SF3SB45-090-(1-2)MSD
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 75.44
Lab Sample ID: 20607200604
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1625

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	9600	mg/kg		0.96	10.6	SW-846 6010B	P
Antimony	5.05	mg/kg		0.25	3.18	SW-846 6010B	P
Arsenic	34.6	mg/kg		0.22	2.12	SW-846 6010B	P
Barium	204	mg/kg		0.022	0.53	SW-846 6010B	P
Beryllium	27.2	mg/kg		0.0040	0.27	SW-846 6010B	P
Boron	61.6	mg/kg		1.24	5.30	SW-846 6010B	P
Cadmium	27.1	mg/kg		0.022	0.27	SW-846 6010B	P
Chromium	46.1	mg/kg		0.054	0.53	SW-846 6010B	P
Cobalt	29.7	mg/kg		0.029	0.53	SW-846 6010B	P
Copper	65.8	mg/kg		0.076	0.53	SW-846 6010B	P
Iron	19800	mg/kg		1.21	5.30	SW-846 6010B	P
Lead	143	mg/kg		0.086	0.80	SW-846 6010B	P
Lithium	36.4	mg/kg		0.19	2.65	SW-846 6010B	P
Manganese	433	mg/kg		0.038	0.80	SW-846 6010B	P
Mercury	0.35	mg/kg		0.0027	0.013	SW-846 7471A	AV
Molybdenum	18.6	mg/kg		0.082	1.59	SW-846 6010B	P
Nickel	40.4	mg/kg		0.078	2.12	SW-846 6010B	P
Selenium	23.3	mg/kg		0.56	2.12	SW-846 6010B	P
Silver	25.1	mg/kg		0.062	0.53	SW-846 6010B	P
Strontium	97.4	mg/kg		0.029	0.53	SW-846 6010B	P
Thallium	22.1	mg/kg		0.10	1.06	SW-846 6010B	P
Tin	24.0	mg/kg		0.59	5.30	SW-846 6010B	P
Titanium	31.7	mg/kg		0.017	5.30	SW-846 6010B	P
Vanadium	44.0	mg/kg		0.019	1.06	SW-846 6010B	P
Zinc	6880	mg/kg		2.36	10.6	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SI5SB74-147-(0-0.5)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 89.20
Lab Sample ID: 20607200605
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1730

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	4580	mg/kg		1.61	17.8	SW-846 6010B	P
Antimony	5.34	mg/kg	U	0.43	5.34	SW-846 6010B	P
Arsenic	24.3	mg/kg		0.36	3.56	SW-846 6010B	P
Barium	1110	mg/kg		0.036	0.89	SW-846 6010B	P
Beryllium	0.015	mg/kg	B	0.0067	0.44	SW-846 6010B	P
Boron	8.90	mg/kg	U	2.09	8.90	SW-846 6010B	P
Cadmium	3.42	mg/kg		0.036	0.44	SW-846 6010B	P
Chromium	18.2	mg/kg		0.091	0.89	SW-846 6010B	P
Cobalt	3.43	mg/kg		0.049	0.89	SW-846 6010B	P
Copper	82.7	mg/kg		0.13	0.89	SW-846 6010B	P
Iron	77100	mg/kg		2.04	8.90	SW-846 6010B	P
Lead	67.7	mg/kg		0.14	1.33	SW-846 6010B	P
Lithium	3.35	mg/kg	B	0.31	4.45	SW-846 6010B	P
Manganese	620	mg/kg		0.065	1.33	SW-846 6010B	P
Mercury	0.0085	mg/kg	B	0.0022	0.011	SW-846 7471A	AV
Molybdenum	6.37	mg/kg		0.14	2.67	SW-846 6010B	P
Nickel	36.7	mg/kg		0.13	3.56	SW-846 6010B	P
Selenium	3.56	mg/kg	U	0.94	3.56	SW-846 6010B	P
Silver	0.89	mg/kg	U	0.10	0.89	SW-846 6010B	P
Strontium	64.4	mg/kg		0.049	0.89	SW-846 6010B	P
Thallium	1.78	mg/kg	U	0.17	1.78	SW-846 6010B	P
Tin	8.90	mg/kg	U	1.0	8.90	SW-846 6010B	P
Titanium	12.0	mg/kg		0.029	8.90	SW-846 6010B	P
Vanadium	31.1	mg/kg		0.032	1.78	SW-846 6010B	P
Zinc	817	mg/kg		0.40	1.78	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SI5SB74-148-(1-2)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 86.76
Lab Sample ID: 20607200606
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1735

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	2500	mg/kg		0.83	9.15	SW-846 6010B	P
Antimony	2.74	mg/kg	U	0.22	2.74	SW-846 6010B	P
Arsenic	3.76	mg/kg		0.19	1.83	SW-846 6010B	P
Barium	46.8	mg/kg		0.019	0.46	SW-846 6010B	P
Beryllium	0.18	mg/kg	B	0.0034	0.23	SW-846 6010B	P
Boron	4.57	mg/kg	U	1.07	4.57	SW-846 6010B	P
Cadmium	0.086	mg/kg	B	0.019	0.23	SW-846 6010B	P
Chromium	3.27	mg/kg		0.047	0.46	SW-846 6010B	P
Cobalt	2.53	mg/kg		0.025	0.46	SW-846 6010B	P
Copper	1.53	mg/kg		0.065	0.46	SW-846 6010B	P
Iron	3990	mg/kg		1.05	4.57	SW-846 6010B	P
Lead	3.67	mg/kg		0.074	0.69	SW-846 6010B	P
Lithium	4.68	mg/kg		0.16	2.29	SW-846 6010B	P
Manganese	145	mg/kg		0.033	0.69	SW-846 6010B	P
Mercury	0.0062	mg/kg	B	0.0023	0.011	SW-846 7471A	AV
Molybdenum	1.37	mg/kg	U	0.071	1.37	SW-846 6010B	P
Nickel	5.18	mg/kg		0.067	1.83	SW-846 6010B	P
Selenium	0.59	mg/kg	B	0.48	1.83	SW-846 6010B	P
Silver	0.46	mg/kg	U	0.054	0.46	SW-846 6010B	P
Strontium	29.7	mg/kg		0.025	0.46	SW-846 6010B	P
Thallium	0.91	mg/kg	U	0.088	0.91	SW-846 6010B	P
Tin	4.57	mg/kg	U	0.51	4.57	SW-846 6010B	P
Titanium	15.8	mg/kg		0.015	4.57	SW-846 6010B	P
Vanadium	6.30	mg/kg		0.016	0.91	SW-846 6010B	P
Zinc	12.6	mg/kg		0.20	0.91	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SH4SB64-128-(1-2)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 89.86
Lab Sample ID: 20607200607
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1745

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	2520	mg/kg		0.80	8.90	SW-846 6010B	P
Antimony	2.67	mg/kg	U	0.21	2.67	SW-846 6010B	P
Arsenic	3.68	mg/kg		0.18	1.78	SW-846 6010B	P
Barium	72.5	mg/kg		0.018	0.45	SW-846 6010B	P
Beryllium	0.19	mg/kg	B	0.0033	0.22	SW-846 6010B	P
Boron	4.45	mg/kg	U	1.04	4.45	SW-846 6010B	P
Cadmium	0.081	mg/kg	B	0.018	0.22	SW-846 6010B	P
Chromium	4.03	mg/kg		0.046	0.45	SW-846 6010B	P
Cobalt	2.31	mg/kg		0.024	0.45	SW-846 6010B	P
Copper	2.51	mg/kg		0.063	0.45	SW-846 6010B	P
Iron	3780	mg/kg		1.02	4.45	SW-846 6010B	P
Lead	7.48	mg/kg		0.072	0.67	SW-846 6010B	P
Lithium	4.39	mg/kg		0.16	2.23	SW-846 6010B	P
Manganese	118	mg/kg		0.032	0.67	SW-846 6010B	P
Mercury	0.0071	mg/kg	B	0.0022	0.011	SW-846 7471A	AV
Molybdenum	1.34	mg/kg	U	0.069	1.34	SW-846 6010B	P
Nickel	5.31	mg/kg		0.066	1.78	SW-846 6010B	P
Selenium	1.78	mg/kg	U	0.47	1.78	SW-846 6010B	P
Silver	0.45	mg/kg	U	0.052	0.45	SW-846 6010B	P
Strontium	28.1	mg/kg		0.024	0.45	SW-846 6010B	P
Thallium	0.89	mg/kg	U	0.086	0.89	SW-846 6010B	P
Tin	4.45	mg/kg	U	0.50	4.45	SW-846 6010B	P
Titanium	17.1	mg/kg		0.014	4.45	SW-846 6010B	P
Vanadium	5.98	mg/kg		0.016	0.89	SW-846 6010B	P
Zinc	35.8	mg/kg		0.20	0.89	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SH4SB64-127-(0-0.5)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 86.04
Lab Sample ID: 20607200608
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1750

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	4720	mg/kg		0.84	9.30	SW-846 6010B	P
Antimony	2.93	mg/kg		0.22	2.79	SW-846 6010B	P
Arsenic	6.89	mg/kg		0.19	1.86	SW-846 6010B	P
Barium	567	mg/kg		0.019	0.46	SW-846 6010B	P
Beryllium	0.31	mg/kg		0.0035	0.23	SW-846 6010B	P
Boron	4.65	mg/kg	U	1.09	4.65	SW-846 6010B	P
Cadmium	0.48	mg/kg		0.019	0.23	SW-846 6010B	P
Chromium	136	mg/kg		0.048	0.46	SW-846 6010B	P
Cobalt	2.53	mg/kg		0.026	0.46	SW-846 6010B	P
Copper	14.2	mg/kg		0.066	0.46	SW-846 6010B	P
Iron	12800	mg/kg		1.06	4.65	SW-846 6010B	P
Lead	643	mg/kg		0.076	0.70	SW-846 6010B	P
Lithium	6.27	mg/kg		0.16	2.32	SW-846 6010B	P
Manganese	195	mg/kg		0.034	0.70	SW-846 6010B	P
Mercury	0.027	mg/kg		0.0023	0.011	SW-846 7471A	AV
Molybdenum	1.33	mg/kg	B	0.072	1.39	SW-846 6010B	P
Nickel	10.5	mg/kg		0.069	1.86	SW-846 6010B	P
Selenium	1.86	mg/kg	U	0.49	1.86	SW-846 6010B	P
Silver	0.46	mg/kg	U	0.055	0.46	SW-846 6010B	P
Strontium	49.5	mg/kg		0.025	0.46	SW-846 6010B	P
Thallium	0.93	mg/kg	U	0.089	0.93	SW-846 6010B	P
Tin	4.65	mg/kg	U	0.52	4.65	SW-846 6010B	P
Titanium	18.9	mg/kg		0.015	4.65	SW-846 6010B	P
Vanadium	13.4	mg/kg		0.017	0.93	SW-846 6010B	P
Zinc	850	mg/kg		0.41	1.86	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SF4SB46-091-(0-0.5)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 86.79
Lab Sample ID: 20607200609
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1705

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	3480	mg/kg		0.83	9.14	SW-846 6010B	P
Antimony	2.74	mg/kg	U	0.22	2.74	SW-846 6010B	P
Arsenic	11.4	mg/kg		0.19	1.83	SW-846 6010B	P
Barium	158	mg/kg		0.019	0.46	SW-846 6010B	P
Beryllium	0.14	mg/kg	B	0.0034	0.23	SW-846 6010B	P
Boron	4.57	mg/kg	U	1.07	4.57	SW-846 6010B	P
Cadmium	1.20	mg/kg		0.019	0.23	SW-846 6010B	P
Chromium	3.82	mg/kg		0.047	0.46	SW-846 6010B	P
Cobalt	3.65	mg/kg		0.025	0.46	SW-846 6010B	P
Copper	27.6	mg/kg		0.065	0.46	SW-846 6010B	P
Iron	32600	mg/kg		1.05	4.57	SW-846 6010B	P
Lead	74.5	mg/kg		0.074	0.69	SW-846 6010B	P
Lithium	4.57	mg/kg		0.16	2.29	SW-846 6010B	P
Manganese	372	mg/kg		0.033	0.69	SW-846 6010B	P
Mercury	0.026	mg/kg		0.0023	0.012	SW-846 7471A	AV
Molybdenum	0.56	mg/kg	B	0.071	1.37	SW-846 6010B	P
Nickel	10.0	mg/kg		0.067	1.83	SW-846 6010B	P
Selenium	1.83	mg/kg	U	0.48	1.83	SW-846 6010B	P
Silver	0.46	mg/kg	U	0.054	0.46	SW-846 6010B	P
Strontium	53.6	mg/kg		0.025	0.46	SW-846 6010B	P
Thallium	0.91	mg/kg	U	0.088	0.91	SW-846 6010B	P
Tin	4.57	mg/kg	U	0.51	4.57	SW-846 6010B	P
Titanium	17.7	mg/kg		0.015	4.57	SW-846 6010B	P
Vanadium	13.2	mg/kg		0.016	0.91	SW-846 6010B	P
Zinc	506	mg/kg		0.20	0.91	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SF4SB46-092-(1-2)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 82.99
Lab Sample ID: 20607200611
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1700

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	4110	mg/kg		0.86	9.56	SW-846 6010B	P
Antimony	2.87	mg/kg	U	0.23	2.87	SW-846 6010B	P
Arsenic	4.95	mg/kg		0.19	1.91	SW-846 6010B	P
Barium	89.5	mg/kg		0.019	0.48	SW-846 6010B	P
Beryllium	0.27	mg/kg		0.0036	0.24	SW-846 6010B	P
Boron	4.78	mg/kg	U	1.12	4.78	SW-846 6010B	P
Cadmium	0.26	mg/kg		0.019	0.24	SW-846 6010B	P
Chromium	7.79	mg/kg		0.049	0.48	SW-846 6010B	P
Cobalt	2.90	mg/kg		0.026	0.48	SW-846 6010B	P
Copper	9.63	mg/kg		0.068	0.48	SW-846 6010B	P
Iron	7250	mg/kg		1.09	4.78	SW-846 6010B	P
Lead	25.5	mg/kg		0.078	0.72	SW-846 6010B	P
Lithium	5.81	mg/kg		0.17	2.39	SW-846 6010B	P
Manganese	195	mg/kg		0.035	0.72	SW-846 6010B	P
Mercury	0.012	mg/kg	U	0.0024	0.012	SW-846 7471A	AV
Molybdenum	1.43	mg/kg	U	0.074	1.43	SW-846 6010B	P
Nickel	6.87	mg/kg		0.071	1.91	SW-846 6010B	P
Selenium	1.91	mg/kg	U	0.50	1.91	SW-846 6010B	P
Silver	0.48	mg/kg	U	0.056	0.48	SW-846 6010B	P
Strontium	42.9	mg/kg		0.026	0.48	SW-846 6010B	P
Thallium	0.96	mg/kg	U	0.092	0.96	SW-846 6010B	P
Tin	4.78	mg/kg	U	0.54	4.78	SW-846 6010B	P
Titanium	17.9	mg/kg		0.016	4.78	SW-846 6010B	P
Vanadium	10.1	mg/kg		0.017	0.96	SW-846 6010B	P
Zinc	153	mg/kg		0.21	0.96	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SG4SB56-112-(1-2)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 91.00
Lab Sample ID: 20607200612
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1715

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	1430	mg/kg		0.79	8.79	SW-846 6010B	P
Antimony	2.64	mg/kg	U	0.21	2.64	SW-846 6010B	P
Arsenic	3.33	mg/kg		0.18	1.76	SW-846 6010B	P
Barium	36.9	mg/kg		0.018	0.44	SW-846 6010B	P
Beryllium	0.11	mg/kg	B	0.0033	0.22	SW-846 6010B	P
Boron	4.40	mg/kg	U	1.03	4.40	SW-846 6010B	P
Cadmium	0.10	mg/kg	B	0.018	0.22	SW-846 6010B	P
Chromium	2.11	mg/kg		0.045	0.44	SW-846 6010B	P
Cobalt	1.66	mg/kg		0.024	0.44	SW-846 6010B	P
Copper	1.80	mg/kg		0.063	0.44	SW-846 6010B	P
Iron	2910	mg/kg		1.01	4.40	SW-846 6010B	P
Lead	5.71	mg/kg		0.071	0.66	SW-846 6010B	P
Lithium	2.49	mg/kg		0.15	2.20	SW-846 6010B	P
Manganese	83.9	mg/kg		0.032	0.66	SW-846 6010B	P
Mercury	0.014	mg/kg		0.0022	0.011	SW-846 7471A	AV
Molybdenum	1.32	mg/kg	U	0.068	1.32	SW-846 6010B	P
Nickel	3.45	mg/kg		0.065	1.76	SW-846 6010B	P
Selenium	1.76	mg/kg	U	0.46	1.76	SW-846 6010B	P
Silver	0.44	mg/kg	U	0.052	0.44	SW-846 6010B	P
Strontium	21.5	mg/kg		0.024	0.44	SW-846 6010B	P
Thallium	0.88	mg/kg	U	0.085	0.88	SW-846 6010B	P
Tin	4.40	mg/kg	U	0.49	4.40	SW-846 6010B	P
Titanium	11.4	mg/kg		0.014	4.40	SW-846 6010B	P
Vanadium	4.73	mg/kg		0.016	0.88	SW-846 6010B	P
Zinc	39.3	mg/kg		0.20	0.88	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SG4SB56-111-(0-0.5)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 92.72
Lab Sample ID: 20607200613
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1720

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	2930	mg/kg		0.78	8.63	SW-846 6010B	P
Antimony	2.59	mg/kg	U	0.21	2.59	SW-846 6010B	P
Arsenic	5.31	mg/kg		0.18	1.73	SW-846 6010B	P
Barium	556	mg/kg		0.018	0.43	SW-846 6010B	P
Beryllium	0.20	mg/kg	B	0.0032	0.22	SW-846 6010B	P
Boron	4.31	mg/kg	U	1.01	4.31	SW-846 6010B	P
Cadmium	0.49	mg/kg		0.018	0.22	SW-846 6010B	P
Chromium	9.97	mg/kg		0.044	0.43	SW-846 6010B	P
Cobalt	1.22	mg/kg		0.024	0.43	SW-846 6010B	P
Copper	26.5	mg/kg		0.061	0.43	SW-846 6010B	P
Iron	9850	mg/kg		0.99	4.31	SW-846 6010B	P
Lead	50.4	mg/kg		0.070	0.65	SW-846 6010B	P
Lithium	3.22	mg/kg		0.15	2.16	SW-846 6010B	P
Manganese	194	mg/kg		0.031	0.65	SW-846 6010B	P
Mercury	0.022	mg/kg		0.0021	0.011	SW-846 7471A	AV
Molybdenum	0.89	mg/kg	B	0.067	1.29	SW-846 6010B	P
Nickel	7.51	mg/kg		0.064	1.73	SW-846 6010B	P
Selenium	1.73	mg/kg	U	0.46	1.73	SW-846 6010B	P
Silver	0.43	mg/kg	U	0.051	0.43	SW-846 6010B	P
Strontium	82.8	mg/kg		0.024	0.43	SW-846 6010B	P
Thallium	0.86	mg/kg	U	0.083	0.86	SW-846 6010B	P
Tin	4.31	mg/kg	U	0.48	4.31	SW-846 6010B	P
Titanium	30.1	mg/kg		0.014	4.31	SW-846 6010B	P
Vanadium	10.5	mg/kg		0.016	0.86	SW-846 6010B	P
Zinc	607	mg/kg		0.19	0.86	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SE3SB39-077-(0-0.5)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 81.77
Lab Sample ID: 20607200614
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1650

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	2700	mg/kg		0.88	9.78	SW-846 6010B	P
Antimony	2.93	mg/kg	U	0.23	2.93	SW-846 6010B	P
Arsenic	7.68	mg/kg		0.20	1.96	SW-846 6010B	P
Barium	306	mg/kg		0.020	0.49	SW-846 6010B	P
Beryllium	0.17	mg/kg	B	0.0037	0.24	SW-846 6010B	P
Boron	4.89	mg/kg	U	1.15	4.89	SW-846 6010B	P
Cadmium	1.04	mg/kg		0.020	0.24	SW-846 6010B	P
Chromium	22.6	mg/kg		0.050	0.49	SW-846 6010B	P
Cobalt	2.25	mg/kg		0.027	0.49	SW-846 6010B	P
Copper	47.8	mg/kg		0.070	0.49	SW-846 6010B	P
Iron	14400	mg/kg		1.12	4.89	SW-846 6010B	P
Lead	204	mg/kg		0.079	0.73	SW-846 6010B	P
Lithium	3.66	mg/kg		0.17	2.45	SW-846 6010B	P
Manganese	194	mg/kg		0.035	0.73	SW-846 6010B	P
Mercury	0.031	mg/kg		0.0024	0.012	SW-846 7471A	AV
Molybdenum	2.57	mg/kg		0.076	1.47	SW-846 6010B	P
Nickel	12.6	mg/kg		0.072	1.96	SW-846 6010B	P
Selenium	1.96	mg/kg	U	0.52	1.96	SW-846 6010B	P
Silver	0.49	mg/kg	U	0.057	0.49	SW-846 6010B	P
Strontium	108	mg/kg		0.027	0.49	SW-846 6010B	P
Thallium	0.98	mg/kg	U	0.094	0.98	SW-846 6010B	P
Tin	4.89	mg/kg	U	0.55	4.89	SW-846 6010B	P
Titanium	19.2	mg/kg		0.016	4.89	SW-846 6010B	P
Vanadium	14.7	mg/kg		0.018	0.98	SW-846 6010B	P
Zinc	1320	mg/kg		0.44	1.96	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SE3SB39-078-(1-2)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 83.96
Lab Sample ID: 20607200615
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1645

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	7530	mg/kg		0.85	9.45	SW-846 6010B	P
Antimony	2.84	mg/kg	U	0.23	2.84	SW-846 6010B	P
Arsenic	5.27	mg/kg		0.19	1.89	SW-846 6010B	P
Barium	55.5	mg/kg		0.019	0.47	SW-846 6010B	P
Beryllium	0.54	mg/kg		0.0035	0.24	SW-846 6010B	P
Boron	4.73	mg/kg	U	1.11	4.73	SW-846 6010B	P
Cadmium	0.23	mg/kg	B	0.019	0.24	SW-846 6010B	P
Chromium	7.29	mg/kg		0.048	0.47	SW-846 6010B	P
Cobalt	4.88	mg/kg		0.026	0.47	SW-846 6010B	P
Copper	5.76	mg/kg		0.067	0.47	SW-846 6010B	P
Iron	9660	mg/kg		1.08	4.73	SW-846 6010B	P
Lead	9.67	mg/kg		0.077	0.71	SW-846 6010B	P
Lithium	11.0	mg/kg		0.17	2.36	SW-846 6010B	P
Manganese	221	mg/kg		0.034	0.71	SW-846 6010B	P
Mercury	0.0087	mg/kg	B	0.0024	0.012	SW-846 7471A	AV
Molybdenum	1.42	mg/kg	U	0.073	1.42	SW-846 6010B	P
Nickel	12.1	mg/kg		0.070	1.89	SW-846 6010B	P
Selenium	1.89	mg/kg	U	0.50	1.89	SW-846 6010B	P
Silver	0.47	mg/kg	U	0.056	0.47	SW-846 6010B	P
Strontium	32.5	mg/kg		0.026	0.47	SW-846 6010B	P
Thallium	0.95	mg/kg	U	0.091	0.95	SW-846 6010B	P
Tin	4.73	mg/kg	U	0.53	4.73	SW-846 6010B	P
Titanium	15.3	mg/kg		0.015	4.73	SW-846 6010B	P
Vanadium	12.4	mg/kg		0.017	0.95	SW-846 6010B	P
Zinc	28.7	mg/kg		0.21	0.95	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SH5SB66-131-(0-0.5)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 92.64
Lab Sample ID: 20607200616
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1750

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	4460	mg/kg		0.77	8.57	SW-846 6010B	P
Antimony	2.57	mg/kg	U	0.21	2.57	SW-846 6010B	P
Arsenic	7.19	mg/kg		0.17	1.71	SW-846 6010B	P
Barium	793	mg/kg		0.017	0.43	SW-846 6010B	P
Beryllium	0.21	mg/kg	B	0.0032	0.21	SW-846 6010B	P
Boron	4.28	mg/kg	U	1.00	4.28	SW-846 6010B	P
Cadmium	0.79	mg/kg		0.017	0.21	SW-846 6010B	P
Chromium	9.31	mg/kg		0.044	0.43	SW-846 6010B	P
Cobalt	1.33	mg/kg		0.024	0.43	SW-846 6010B	P
Copper	29.7	mg/kg		0.061	0.43	SW-846 6010B	P
Iron	19800	mg/kg		0.98	4.28	SW-846 6010B	P
Lead	25.1	mg/kg		0.070	0.64	SW-846 6010B	P
Lithium	4.20	mg/kg		0.15	2.14	SW-846 6010B	P
Manganese	412	mg/kg		0.031	0.64	SW-846 6010B	P
Mercury	0.0082	mg/kg	B	0.0021	0.011	SW-846 7471A	AV
Molybdenum	0.91	mg/kg	B	0.066	1.29	SW-846 6010B	P
Nickel	10.3	mg/kg		0.063	1.71	SW-846 6010B	P
Selenium	1.71	mg/kg	U	0.45	1.71	SW-846 6010B	P
Silver	0.43	mg/kg	U	0.050	0.43	SW-846 6010B	P
Strontium	69.3	mg/kg		0.023	0.43	SW-846 6010B	P
Thallium	0.86	mg/kg	U	0.082	0.86	SW-846 6010B	P
Tin	4.28	mg/kg	U	0.48	4.28	SW-846 6010B	P
Titanium	13.6	mg/kg		0.014	4.28	SW-846 6010B	P
Vanadium	14.9	mg/kg		0.015	0.86	SW-846 6010B	P
Zinc	803	mg/kg		0.38	1.71	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: SH5SB66-132-(1-2)
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Soil
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids: 88.13
Lab Sample ID: 20607200617
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1755

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	7640	mg/kg		0.82	9.08	SW-846 6010B	P
Antimony	2.72	mg/kg	U	0.22	2.72	SW-846 6010B	P
Arsenic	5.91	mg/kg		0.18	1.82	SW-846 6010B	P
Barium	95.7	mg/kg		0.018	0.45	SW-846 6010B	P
Beryllium	0.56	mg/kg		0.0034	0.23	SW-846 6010B	P
Boron	4.54	mg/kg	U	1.06	4.54	SW-846 6010B	P
Cadmium	0.26	mg/kg		0.018	0.23	SW-846 6010B	P
Chromium	7.49	mg/kg		0.047	0.45	SW-846 6010B	P
Cobalt	4.85	mg/kg		0.025	0.45	SW-846 6010B	P
Copper	6.04	mg/kg		0.065	0.45	SW-846 6010B	P
Iron	10000	mg/kg		1.04	4.54	SW-846 6010B	P
Lead	9.65	mg/kg		0.074	0.68	SW-846 6010B	P
Lithium	12.6	mg/kg		0.16	2.27	SW-846 6010B	P
Manganese	299	mg/kg		0.033	0.68	SW-846 6010B	P
Mercury	0.011	mg/kg	U	0.0023	0.011	SW-846 7471A	AV
Molybdenum	1.36	mg/kg	U	0.070	1.36	SW-846 6010B	P
Nickel	11.7	mg/kg		0.067	1.82	SW-846 6010B	P
Selenium	1.82	mg/kg	U	0.48	1.82	SW-846 6010B	P
Silver	0.45	mg/kg	U	0.053	0.45	SW-846 6010B	P
Strontium	48.9	mg/kg		0.025	0.45	SW-846 6010B	P
Thallium	0.91	mg/kg	U	0.087	0.91	SW-846 6010B	P
Tin	4.54	mg/kg	U	0.51	4.54	SW-846 6010B	P
Titanium	15.8	mg/kg		0.015	4.54	SW-846 6010B	P
Vanadium	12.5	mg/kg		0.016	0.91	SW-846 6010B	P
Zinc	50.7	mg/kg		0.20	0.91	SW-846 6010B	P

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL
Sample ID: FB-503
Lab Code: LA024
Case No.:
Contract:
Matrix: (soil / water) Water
SAS No.:
SDG No.: 206072006
Level: (low / med)
% Solids:
Lab Sample ID: 20607200622
Date Received: 07/20/06
Time: 0935
Date Collected: 07/18/06
Time: 1845

Analyte	Concentration	Units	C	MDL	PQL	Method	Type
Aluminum	0.20	mg/L	U	0.023	0.20	SW-846 6010B	P
Antimony	0.060	mg/L	U	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Barium	0.010	mg/L	U	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	mg/L	U	0.00010	0.0050	SW-846 6010B	P
Boron	1.00	mg/L	U	0.013	1.00	SW-846 6010B	P
Cadmium	0.0050	mg/L	U	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	mg/L	U	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	mg/L	U	0.00050	0.010	SW-846 6010B	P
Copper	0.010	mg/L	U	0.0030	0.010	SW-846 6010B	P
Iron	0.10	mg/L	U	0.026	0.10	SW-846 6010B	P
Lead	0.015	mg/L	U	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	mg/L	U	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	mg/L	U	0.00060	0.015	SW-846 6010B	P
Mercury	0.00020	mg/L	U	0.00005	0.00020	SW-846 7470A	AV
Molybdenum	0.050	mg/L	U	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	mg/L	U	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	mg/L	U	0.0045	0.040	SW-846 6010B	P
Silver	0.010	mg/L	U	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	mg/L	U	0.00090	0.050	SW-846 6010B	P
Thallium	0.020	mg/L	U	0.0013	0.020	SW-846 6010B	P
Tin	0.025	mg/L	U	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	mg/L	U	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	mg/L	U	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	mg/L	U	0.0024	0.020	SW-846 6010B	P

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-48-6 CPI/EXAXOL
Instrument ID: ICP6 ICAL ID: 4
Date Analyzed: 07/25/06 Time: 0936

INITIAL CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	10.0	10.2	102	mg/L	SW-846 6010B	P
Antimony	1.00	1.01	101	mg/L	SW-846 6010B	P
Arsenic	1.00	0.990	99	mg/L	SW-846 6010B	P
Barium	1.00	1.05	105	mg/L	SW-846 6010B	P
Beryllium	1.00	1.01	101	mg/L	SW-846 6010B	P
Boron	5.00	5.18	104	mg/L	SW-846 6010B	P
Cadmium	1.00	1.00	100	mg/L	SW-846 6010B	P
Calcium	10.0	10.3	103	mg/L	SW-846 6010B	P
Chromium	1.00	1.01	101	mg/L	SW-846 6010B	P
Cobalt	1.00	0.980	98	mg/L	SW-846 6010B	P
Copper	1.00	0.990	99	mg/L	SW-846 6010B	P
Iron	10.0	10.6	106	mg/L	SW-846 6010B	P
Lead	1.00	1.00	100	mg/L	SW-846 6010B	P
Lithium	1.00	1.01	101	mg/L	SW-846 6010B	P
Magnesium	10.0	10.3	103	mg/L	SW-846 6010B	P
Manganese	1.00	1.00	100	mg/L	SW-846 6010B	P
Molybdenum	1.00	0.970	97	mg/L	SW-846 6010B	P
Nickel	1.00	1.00	100	mg/L	SW-846 6010B	P
Potassium	10.0	10.3	103	mg/L	SW-846 6010B	P
Selenium	1.00	1.00	100	mg/L	SW-846 6010B	P
Silver	1.00	1.03	103	mg/L	SW-846 6010B	P
Sodium	10.0	10.0	100	mg/L	SW-846 6010B	P
Strontium	1.00	1.02	102	mg/L	SW-846 6010B	P
Thallium	1.00	1.01	101	mg/L	SW-846 6010B	P
Tin	1.00	1.01	101	mg/L	SW-846 6010B	P
Titanium	1.00	1.00	100	mg/L	SW-846 6010B	P
Vanadium	1.00	1.01	101	mg/L	SW-846 6010B	P
Zinc	1.00	0.980	98	mg/L	SW-846 6010B	P

ICV CONTROL LIMITS EPA 6010B = 90-110 EPA 200.7 = 95-105

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-49-3 INORGANIC VENTURES Instrument ID: ICP6 ICAL ID: 4

Date Analyzed: 07/25/06 Time: 0956

CRDL STANDARD

Analyte	True	Found	CAL %R	Units	Method	Type
Aluminum	0.200	0.240	122	mg/L	SW-846 6010B	P
Antimony	0.0600	0.0650	108	mg/L	SW-846 6010B	P
Arsenic	0.0100	0.00910	91	mg/L	SW-846 6010B	P
Barium	0.0100	0.0100	104	mg/L	SW-846 6010B	P
Beryllium	0.00500	0.00500	101	mg/L	SW-846 6010B	P
Boron	0.500	0.540	107	mg/L	SW-846 6010B	P
Cadmium	0.00500	0.00490	99	mg/L	SW-846 6010B	P
Calcium	0.100	0.120	123	mg/L	SW-846 6010B	P
Chromium	0.0100	0.0100	101	mg/L	SW-846 6010B	P
Cobalt	0.0100	0.00990	99	mg/L	SW-846 6010B	P
Copper	0.0100	0.00830	83	mg/L	SW-846 6010B	P
Iron	0.100	0.120	116	mg/L	SW-846 6010B	P
Lead	0.0150	0.0150	101	mg/L	SW-846 6010B	P
Lithium	0.0500	0.0540	109	mg/L	SW-846 6010B	P
Magnesium	0.100	0.120	121	mg/L	SW-846 6010B	P
Manganese	0.0150	0.0160	105	mg/L	SW-846 6010B	P
Molybdenum	0.0500	0.0500	100	mg/L	SW-846 6010B	P
Nickel	0.0400	0.0400	101	mg/L	SW-846 6010B	P
Potassium	0.500	0.520	104	mg/L	SW-846 6010B	P
Selenium	0.0400	0.0410	103	mg/L	SW-846 6010B	P
Silver	0.0100	0.00530	53	mg/L	SW-846 6010B	P
Sodium	1.00	0.910	91	mg/L	SW-846 6010B	P
Strontium	0.0500	0.0520	104	mg/L	SW-846 6010B	P
Thallium	0.0100	0.00970	97	mg/L	SW-846 6010B	P
Tin	0.100	0.0970	97	mg/L	SW-846 6010B	P
Titanium	0.100	0.100	102	mg/L	SW-846 6010B	P
Vanadium	0.0200	0.0200	98	mg/L	SW-846 6010B	P
Zinc	0.0200	0.0180	89	mg/L	SW-846 6010B	P

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-48-4 INORGANIC VENTURES
Instrument ID: ICP6 ICAL ID: 4
Date Analyzed: 07/25/06 Time: 1004

CRDL STANDARD

Analyte	True	Found	CAL %R	Units	Method	Type
Antimony	0.00600	0.00570	95	mg/L	SW-846 6010B	P
Beryllium	0.00100	0.00110	108	mg/L	SW-846 6010B	P
Boron	0.100	0.130	132	mg/L	SW-846 6010B	P
Cadmium	0.00100	0.00120	124	mg/L	SW-846 6010B	P
Chromium	0.00800	0.00840	105	mg/L	SW-846 6010B	P
Cobalt	0.00100	0.00130	129	mg/L	SW-846 6010B	P
Copper	0.00500	0.00340	68	mg/L	SW-846 6010B	P
Iron	0.0400	0.0490	122	mg/L	SW-846 6010B	P
Lead	0.00500	0.00500	99	mg/L	SW-846 6010B	P
Manganese	0.0100	0.0110	113	mg/L	SW-846 6010B	P
Molybdenum	0.0200	0.0200	102	mg/L	SW-846 6010B	P
Nickel	0.00500	0.00470	94	mg/L	SW-846 6010B	P
Selenium	0.00500	0.00490	99	mg/L	SW-846 6010B	P
Silver	0.00200	0.00220	112	mg/L	SW-846 6010B	P
Thallium	0.00200	0.000800	40	mg/L	SW-846 6010B	P
Tin	0.0250	0.0240	95	mg/L	SW-846 6010B	P
Vanadium	0.00500	0.00430	85	mg/L	SW-846 6010B	P
Zinc	0.0100	0.00860	86	mg/L	SW-846 6010B	P

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-48-5 INORGANIC VENTURES
Instrument ID: ICP6 ICAL ID: 4
Date Analyzed: 07/25/06 Time: 1039

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	5.10	102	mg/L	SW-846 6010B	P
Antimony	0.500	0.510	102	mg/L	SW-846 6010B	P
Arsenic	0.500	0.460	93	mg/L	SW-846 6010B	P
Barium	0.500	0.490	99	mg/L	SW-846 6010B	P
Beryllium	0.500	0.490	98	mg/L	SW-846 6010B	P
Boron	2.50	2.46	98	mg/L	SW-846 6010B	P
Cadmium	0.500	0.490	98	mg/L	SW-846 6010B	P
Calcium	5.00	5.17	103	mg/L	SW-846 6010B	P
Chromium	0.500	0.490	98	mg/L	SW-846 6010B	P
Cobalt	0.500	0.490	97	mg/L	SW-846 6010B	P
Copper	0.500	0.490	99	mg/L	SW-846 6010B	P
Iron	5.00	5.29	106	mg/L	SW-846 6010B	P
Lead	0.500	0.480	97	mg/L	SW-846 6010B	P
Lithium	0.500	0.500	99	mg/L	SW-846 6010B	P
Magnesium	5.00	5.10	102	mg/L	SW-846 6010B	P
Manganese	0.500	0.500	100	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.490	97	mg/L	SW-846 6010B	P
Nickel	0.500	0.490	98	mg/L	SW-846 6010B	P
Potassium	10.0	9.67	97	mg/L	SW-846 6010B	P
Selenium	0.500	0.500	100	mg/L	SW-846 6010B	P
Silicon	0.500	0.600	120	mg/L	SW-846 6010B	P
Silver	0.500	0.500	99	mg/L	SW-846 6010B	P
Sodium	20.0	19.5	97	mg/L	SW-846 6010B	P
Strontium	0.500	0.510	101	mg/L	SW-846 6010B	P
Thallium	0.500	0.500	99	mg/L	SW-846 6010B	P
Tin	0.500	0.480	97	mg/L	SW-846 6010B	P
Titanium	0.500	0.500	99	mg/L	SW-846 6010B	P
Vanadium	0.500	0.480	97	mg/L	SW-846 6010B	P
Zinc	0.500	0.490	99	mg/L	SW-846 6010B	P
Zirconium	0.500	0.490	98	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-48-5 INORGANIC VENTURES Instrument ID: ICP6 ICAL ID: 4

Date Analyzed: 07/25/06 Time: 1159

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	5.02	100	mg/L	SW-846 6010B	P
Antimony	0.500	0.520	105	mg/L	SW-846 6010B	P
Arsenic	0.500	0.460	91	mg/L	SW-846 6010B	P
Barium	0.500	0.500	99	mg/L	SW-846 6010B	P
Beryllium	0.500	0.490	98	mg/L	SW-846 6010B	P
Boron	2.50	2.49	99	mg/L	SW-846 6010B	P
Cadmium	0.500	0.490	98	mg/L	SW-846 6010B	P
Calcium	5.00	5.13	103	mg/L	SW-846 6010B	P
Chromium	0.500	0.500	99	mg/L	SW-846 6010B	P
Cobalt	0.500	0.490	98	mg/L	SW-846 6010B	P
Copper	0.500	0.500	99	mg/L	SW-846 6010B	P
Iron	5.00	5.28	106	mg/L	SW-846 6010B	P
Lead	0.500	0.490	98	mg/L	SW-846 6010B	P
Lithium	0.500	0.500	100	mg/L	SW-846 6010B	P
Magnesium	5.00	4.97	99	mg/L	SW-846 6010B	P
Manganese	0.500	0.510	101	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.490	98	mg/L	SW-846 6010B	P
Nickel	0.500	0.500	99	mg/L	SW-846 6010B	P
Potassium	10.0	9.74	97	mg/L	SW-846 6010B	P
Selenium	0.500	0.510	102	mg/L	SW-846 6010B	P
Silicon	0.500	0.600	120	mg/L	SW-846 6010B	P
Silver	0.500	0.500	100	mg/L	SW-846 6010B	P
Sodium	20.0	19.5	98	mg/L	SW-846 6010B	P
Strontium	0.500	0.500	100	mg/L	SW-846 6010B	P
Thallium	0.500	0.500	100	mg/L	SW-846 6010B	P
Tin	0.500	0.490	98	mg/L	SW-846 6010B	P
Titanium	0.500	0.500	100	mg/L	SW-846 6010B	P
Vanadium	0.500	0.490	97	mg/L	SW-846 6010B	P
Zinc	0.500	0.500	99	mg/L	SW-846 6010B	P
Zirconium	0.500	0.500	99	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-48-5 INORGANIC VENTURES
Instrument ID: ICP6 ICAL ID: 4
Date Analyzed: 07/25/06 Time: 1319

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	5.00	100	mg/L	SW-846 6010B	P
Antimony	0.500	0.510	102	mg/L	SW-846 6010B	P
Arsenic	0.500	0.460	92	mg/L	SW-846 6010B	P
Barium	0.500	0.490	97	mg/L	SW-846 6010B	P
Beryllium	0.500	0.490	98	mg/L	SW-846 6010B	P
Boron	2.50	2.41	96	mg/L	SW-846 6010B	P
Cadmium	0.500	0.480	97	mg/L	SW-846 6010B	P
Calcium	5.00	5.11	102	mg/L	SW-846 6010B	P
Chromium	0.500	0.490	97	mg/L	SW-846 6010B	P
Cobalt	0.500	0.490	98	mg/L	SW-846 6010B	P
Copper	0.500	0.480	97	mg/L	SW-846 6010B	P
Iron	5.00	5.27	105	mg/L	SW-846 6010B	P
Lead	0.500	0.490	98	mg/L	SW-846 6010B	P
Lithium	0.500	0.480	95	mg/L	SW-846 6010B	P
Magnesium	5.00	5.03	101	mg/L	SW-846 6010B	P
Manganese	0.500	0.500	99	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.490	97	mg/L	SW-846 6010B	P
Nickel	0.500	0.490	97	mg/L	SW-846 6010B	P
Potassium	10.0	9.61	96	mg/L	SW-846 6010B	P
Selenium	0.500	0.500	100	mg/L	SW-846 6010B	P
Silicon	0.500	0.580	115	mg/L	SW-846 6010B	P
Silver	0.500	0.490	98	mg/L	SW-846 6010B	P
Sodium	20.0	19.2	96	mg/L	SW-846 6010B	P
Strontium	0.500	0.500	100	mg/L	SW-846 6010B	P
Thallium	0.500	0.500	99	mg/L	SW-846 6010B	P
Tin	0.500	0.490	97	mg/L	SW-846 6010B	P
Titanium	0.500	0.500	100	mg/L	SW-846 6010B	P
Vanadium	0.500	0.480	95	mg/L	SW-846 6010B	P
Zinc	0.500	0.490	97	mg/L	SW-846 6010B	P
Zirconium	0.500	0.480	97	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-48-5 INORGANIC VENTURES Instrument ID: ICP6 ICAL ID: 4

Date Analyzed: 07/25/06 Time: 1434

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.85	97	mg/L	SW-846 6010B	P
Antimony	0.500	0.510	102	mg/L	SW-846 6010B	P
Arsenic	0.500	0.450	90	mg/L	SW-846 6010B	P
Barium	0.500	0.490	98	mg/L	SW-846 6010B	P
Beryllium	0.500	0.480	96	mg/L	SW-846 6010B	P
Boron	2.50	2.41	96	mg/L	SW-846 6010B	P
Cadmium	0.500	0.480	96	mg/L	SW-846 6010B	P
Calcium	5.00	5.09	102	mg/L	SW-846 6010B	P
Chromium	0.500	0.480	96	mg/L	SW-846 6010B	P
Cobalt	0.500	0.480	96	mg/L	SW-846 6010B	P
Copper	0.500	0.490	98	mg/L	SW-846 6010B	P
Iron	5.00	5.13	103	mg/L	SW-846 6010B	P
Lead	0.500	0.480	96	mg/L	SW-846 6010B	P
Lithium	0.500	0.500	100	mg/L	SW-846 6010B	P
Magnesium	5.00	4.84	97	mg/L	SW-846 6010B	P
Manganese	0.500	0.500	100	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.480	96	mg/L	SW-846 6010B	P
Nickel	0.500	0.480	97	mg/L	SW-846 6010B	P
Potassium	10.0	9.64	96	mg/L	SW-846 6010B	P
Selenium	0.500	0.500	99	mg/L	SW-846 6010B	P
Silicon	0.500	0.560	112	mg/L	SW-846 6010B	P
Silver	0.500	0.490	98	mg/L	SW-846 6010B	P
Sodium	20.0	19.0	95	mg/L	SW-846 6010B	P
Strontium	0.500	0.480	97	mg/L	SW-846 6010B	P
Thallium	0.500	0.490	99	mg/L	SW-846 6010B	P
Tin	0.500	0.480	96	mg/L	SW-846 6010B	P
Titanium	0.500	0.490	97	mg/L	SW-846 6010B	P
Vanadium	0.500	0.480	95	mg/L	SW-846 6010B	P
Zinc	0.500	0.500	100	mg/L	SW-846 6010B	P
Zirconium	0.500	0.480	97	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-48-5 INORGANIC VENTURES Instrument ID: ICP6 ICAL ID: 4

Date Analyzed: 07/25/06 Time: 1549

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.85	97	mg/L	SW-846 6010B	P
Antimony	0.500	0.490	99	mg/L	SW-846 6010B	P
Arsenic	0.500	0.450	90	mg/L	SW-846 6010B	P
Barium	0.500	0.470	95	mg/L	SW-846 6010B	P
Beryllium	0.500	0.480	95	mg/L	SW-846 6010B	P
Boron	2.50	2.35	94	mg/L	SW-846 6010B	P
Cadmium	0.500	0.470	94	mg/L	SW-846 6010B	P
Calcium	5.00	5.03	101	mg/L	SW-846 6010B	P
Chromium	0.500	0.470	94	mg/L	SW-846 6010B	P
Cobalt	0.500	0.470	94	mg/L	SW-846 6010B	P
Copper	0.500	0.470	95	mg/L	SW-846 6010B	P
Iron	5.00	4.98	100	mg/L	SW-846 6010B	P
Lead	0.500	0.470	95	mg/L	SW-846 6010B	P
Lithium	0.500	0.510	102	mg/L	SW-846 6010B	P
Magnesium	5.00	4.85	97	mg/L	SW-846 6010B	P
Manganese	0.500	0.480	97	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.470	94	mg/L	SW-846 6010B	P
Nickel	0.500	0.470	94	mg/L	SW-846 6010B	P
Potassium	10.0	9.32	93	mg/L	SW-846 6010B	P
Selenium	0.500	0.480	96	mg/L	SW-846 6010B	P
Silicon	0.500	0.590	119	mg/L	SW-846 6010B	P
Silver	0.500	0.480	95	mg/L	SW-846 6010B	P
Sodium	20.0	18.4	92	mg/L	SW-846 6010B	P
Strontium	0.500	0.490	99	mg/L	SW-846 6010B	P
Thallium	0.500	0.480	96	mg/L	SW-846 6010B	P
Tin	0.500	0.470	94	mg/L	SW-846 6010B	P
Titanium	0.500	0.480	96	mg/L	SW-846 6010B	P
Vanadium	0.500	0.470	93	mg/L	SW-846 6010B	P
Zinc	0.500	0.480	96	mg/L	SW-846 6010B	P
Zirconium	0.500	0.470	95	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-48-5 INORGANIC VENTURES
Instrument ID: ICP6 ICAL ID: 4
Date Analyzed: 07/25/06 Time: 1708

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.67	93	mg/L	SW-846 6010B	P
Antimony	0.500	0.480	95	mg/L	SW-846 6010B	P
Arsenic	0.500	0.480	96	mg/L	SW-846 6010B	P
Barium	0.500	0.490	98	mg/L	SW-846 6010B	P
Beryllium	0.500	0.480	96	mg/L	SW-846 6010B	P
Boron	2.50	2.40	96	mg/L	SW-846 6010B	P
Cadmium	0.500	0.490	97	mg/L	SW-846 6010B	P
Calcium	5.00	4.85	97	mg/L	SW-846 6010B	P
Chromium	0.500	0.480	97	mg/L	SW-846 6010B	P
Cobalt	0.500	0.480	96	mg/L	SW-846 6010B	P
Copper	0.500	0.480	96	mg/L	SW-846 6010B	P
Iron	5.00	4.58	92	mg/L	SW-846 6010B	P
Lead	0.500	0.480	97	mg/L	SW-846 6010B	P
Lithium	0.500	0.540	109	mg/L	SW-846 6010B	P
Magnesium	5.00	4.73	95	mg/L	SW-846 6010B	P
Manganese	0.500	0.500	99	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.480	96	mg/L	SW-846 6010B	P
Nickel	0.500	0.490	97	mg/L	SW-846 6010B	P
Potassium	10.0	9.20	92	mg/L	SW-846 6010B	P
Selenium	0.500	0.480	96	mg/L	SW-846 6010B	P
Silicon	0.500	0.600	120	mg/L	SW-846 6010B	P
Silver	0.500	0.490	97	mg/L	SW-846 6010B	P
Sodium	20.0	18.1	90	mg/L	SW-846 6010B	P
Strontium	0.500	0.490	97	mg/L	SW-846 6010B	P
Thallium	0.500	0.490	98	mg/L	SW-846 6010B	P
Tin	0.500	0.480	97	mg/L	SW-846 6010B	P
Titanium	0.500	0.480	96	mg/L	SW-846 6010B	P
Vanadium	0.500	0.480	96	mg/L	SW-846 6010B	P
Zinc	0.500	0.480	97	mg/L	SW-846 6010B	P
Zirconium	0.500	0.480	96	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-48-5 INORGANIC VENTURES
Instrument ID: ICP6 ICAL ID: 4
Date Analyzed: 07/25/06 Time: 1825

CONTINUING CALIBRATION VERIFICATION

Analyte	True	Found	CAL %R	Units	Method	Type
Aluminum	5.00	4.68	94	mg/L	SW-846 6010B	P
Antimony	0.500	0.480	96	mg/L	SW-846 6010B	P
Arsenic	0.500	0.470	94	mg/L	SW-846 6010B	P
Barium	0.500	0.480	97	mg/L	SW-846 6010B	P
Beryllium	0.500	0.480	96	mg/L	SW-846 6010B	P
Boron	2.50	2.40	96	mg/L	SW-846 6010B	P
Cadmium	0.500	0.480	97	mg/L	SW-846 6010B	P
Calcium	5.00	4.89	98	mg/L	SW-846 6010B	P
Chromium	0.500	0.480	96	mg/L	SW-846 6010B	P
Cobalt	0.500	0.480	96	mg/L	SW-846 6010B	P
Copper	0.500	0.480	95	mg/L	SW-846 6010B	P
Iron	5.00	4.64	93	mg/L	SW-846 6010B	P
Lead	0.500	0.480	96	mg/L	SW-846 6010B	P
Lithium	0.500	0.550	110	mg/L	SW-846 6010B	P
Magnesium	5.00	4.70	94	mg/L	SW-846 6010B	P
Manganese	0.500	0.490	99	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.480	95	mg/L	SW-846 6010B	P
Nickel	0.500	0.480	97	mg/L	SW-846 6010B	P
Potassium	10.0	8.88	89	mg/L	SW-846 6010B	P
Selenium	0.500	0.480	96	mg/L	SW-846 6010B	P
Silicon	0.500	0.630	127	mg/L	SW-846 6010B	P
Silver	0.500	0.480	96	mg/L	SW-846 6010B	P
Sodium	20.0	17.6	88	mg/L	SW-846 6010B	P
Strontium	0.500	0.500	100	mg/L	SW-846 6010B	P
Thallium	0.500	0.480	97	mg/L	SW-846 6010B	P
Tin	0.500	0.480	96	mg/L	SW-846 6010B	P
Titanium	0.500	0.480	96	mg/L	SW-846 6010B	P
Vanadium	0.500	0.470	95	mg/L	SW-846 6010B	P
Zinc	0.500	0.480	96	mg/L	SW-846 6010B	P
Zirconium	0.500	0.480	96	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-48-5 INORGANIC VENTURES
Instrument ID: ICP6 ICAL ID: 4
Date Analyzed: 07/25/06 Time: 1938

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.56	91	mg/L	SW-846 6010B	P
Antimony	0.500	0.490	98	mg/L	SW-846 6010B	P
Arsenic	0.500	0.470	94	mg/L	SW-846 6010B	P
Barium	0.500	0.490	97	mg/L	SW-846 6010B	P
Beryllium	0.500	0.480	96	mg/L	SW-846 6010B	P
Boron	2.50	2.40	96	mg/L	SW-846 6010B	P
Cadmium	0.500	0.490	97	mg/L	SW-846 6010B	P
Calcium	5.00	4.75	95	mg/L	SW-846 6010B	P
Chromium	0.500	0.480	96	mg/L	SW-846 6010B	P
Cobalt	0.500	0.480	96	mg/L	SW-846 6010B	P
Copper	0.500	0.480	96	mg/L	SW-846 6010B	P
Iron	5.00	4.50	90	mg/L	SW-846 6010B	P
Lead	0.500	0.480	96	mg/L	SW-846 6010B	P
Lithium	0.500	0.540	108	mg/L	SW-846 6010B	P
Magnesium	5.00	4.56	91	mg/L	SW-846 6010B	P
Manganese	0.500	0.500	100	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.480	96	mg/L	SW-846 6010B	P
Nickel	0.500	0.480	97	mg/L	SW-846 6010B	P
Potassium	10.0	9.05	91	mg/L	SW-846 6010B	P
Selenium	0.500	0.480	96	mg/L	SW-846 6010B	P
Silicon	0.500	0.610	122	mg/L	SW-846 6010B	P
Silver	0.500	0.480	96	mg/L	SW-846 6010B	P
Sodium	20.0	17.3	87	mg/L	SW-846 6010B	P
Strontium	0.500	0.490	98	mg/L	SW-846 6010B	P
Thallium	0.500	0.490	98	mg/L	SW-846 6010B	P
Tin	0.500	0.480	96	mg/L	SW-846 6010B	P
Titanium	0.500	0.480	96	mg/L	SW-846 6010B	P
Vanadium	0.500	0.480	95	mg/L	SW-846 6010B	P
Zinc	0.500	0.490	97	mg/L	SW-846 6010B	P
Zirconium	0.500	0.480	96	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-48-6 CPI/EXAXOL Instrument ID: ICP5 ICAL ID: 5

Date Analyzed: 07/26/06 Time: 1100

INITIAL CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	10.0	10.4	104	mg/L	SW-846 6010B	P
Antimony	1.00	1.06	106	mg/L	SW-846 6010B	P
Arsenic	1.00	1.01	101	mg/L	SW-846 6010B	P
Barium	1.00	1.03	103	mg/L	SW-846 6010B	P
Beryllium	1.00	1.02	102	mg/L	SW-846 6010B	P
Boron	5.00	5.22	104	mg/L	SW-846 6010B	P
Cadmium	1.00	1.01	101	mg/L	SW-846 6010B	P
Calcium	10.0	10.4	104	mg/L	SW-846 6010B	P
Chromium	1.00	1.02	102	mg/L	SW-846 6010B	P
Cobalt	1.00	1.01	101	mg/L	SW-846 6010B	P
Copper	1.00	1.01	101	mg/L	SW-846 6010B	P
Iron	10.0	10.7	107	mg/L	SW-846 6010B	P
Lead	1.00	1.02	102	mg/L	SW-846 6010B	P
Lithium	1.00	1.05	105	mg/L	SW-846 6010B	P
Magnesium	10.0	10.4	104	mg/L	SW-846 6010B	P
Manganese	1.00	1.02	102	mg/L	SW-846 6010B	P
Molybdenum	1.00	0.990	99	mg/L	SW-846 6010B	P
Nickel	1.00	1.01	101	mg/L	SW-846 6010B	P
Potassium	10.0	10.4	104	mg/L	SW-846 6010B	P
Selenium	1.00	1.01	101	mg/L	SW-846 6010B	P
Silver	1.00	1.01	101	mg/L	SW-846 6010B	P
Sodium	10.0	10.1	101	mg/L	SW-846 6010B	P
Strontium	1.00	1.02	102	mg/L	SW-846 6010B	P
Thallium	1.00	1.04	104	mg/L	SW-846 6010B	P
Tin	1.00	1.02	102	mg/L	SW-846 6010B	P
Titanium	1.00	1.01	101	mg/L	SW-846 6010B	P
Vanadium	1.00	1.01	101	mg/L	SW-846 6010B	P
Zinc	1.00	1.02	102	mg/L	SW-846 6010B	P

ICV CONTROL LIMITS EPA 6010B = 90-110 EPA 200.7 = 95-105

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-49-3 INORGANIC VENTURES
Instrument ID: ICP5 ICAL ID: 5
Date Analyzed: 07/26/06 Time: 1121

CRDL STANDARD

Analyte	True	Found	CAL %R	Units	Method	Type
Aluminum	0.200	0.240	122	mg/L	SW-846 6010B	P
Antimony	0.0600	0.0710	118	mg/L	SW-846 6010B	P
Arsenic	0.0100	0.00640	64	mg/L	SW-846 6010B	P
Barium	0.0100	0.0100	104	mg/L	SW-846 6010B	P
Beryllium	0.00500	0.00480	96	mg/L	SW-846 6010B	P
Boron	0.500	0.510	102	mg/L	SW-846 6010B	P
Cadmium	0.00500	0.00480	96	mg/L	SW-846 6010B	P
Calcium	0.100	0.240	242	mg/L	SW-846 6010B	P
Chromium	0.0100	0.00980	98	mg/L	SW-846 6010B	P
Cobalt	0.0100	0.00980	98	mg/L	SW-846 6010B	P
Copper	0.0100	0.0100	102	mg/L	SW-846 6010B	P
Iron	0.100	0.0920	92	mg/L	SW-846 6010B	P
Lead	0.0150	0.0150	98	mg/L	SW-846 6010B	P
Lithium	0.0500	0.0570	113	mg/L	SW-846 6010B	P
Magnesium	0.100	0.120	117	mg/L	SW-846 6010B	P
Manganese	0.0150	0.0160	106	mg/L	SW-846 6010B	P
Molybdenum	0.0500	0.0480	96	mg/L	SW-846 6010B	P
Nickel	0.0400	0.0410	102	mg/L	SW-846 6010B	P
Potassium	0.500	0.510	102	mg/L	SW-846 6010B	P
Selenium	0.0400	0.0440	109	mg/L	SW-846 6010B	P
Silver	0.0100	0.00520	52	mg/L	SW-846 6010B	P
Sodium	1.00	0.530	53	mg/L	SW-846 6010B	P
Strontium	0.0500	0.0510	102	mg/L	SW-846 6010B	P
Thallium	0.0100	0.0110	113	mg/L	SW-846 6010B	P
Tin	0.100	0.100	101	mg/L	SW-846 6010B	P
Titanium	0.100	0.100	102	mg/L	SW-846 6010B	P
Vanadium	0.0200	0.0200	101	mg/L	SW-846 6010B	P
Zinc	0.0200	0.0260	130	mg/L	SW-846 6010B	P

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-49-6 INORGANIC VENTURES
Instrument ID: ICP5 ICAL ID: 5
Date Analyzed: 07/26/06 Time: 1133

CRDL STANDARD

Analyte	True	Found	CAL %R	Units	Method	Type
Antimony	0.0400	0.0430	107	mg/L	SW-846 6010B	P
Beryllium	0.00100	0.000990	99	mg/L	SW-846 6010B	P
Boron	0.100	0.110	106	mg/L	SW-846 6010B	P
Cadmium	0.00100	0.000890	89	mg/L	SW-846 6010B	P
Lead	0.00500	0.00580	117	mg/L	SW-846 6010B	P
Molybdenum	0.0200	0.0190	97	mg/L	SW-846 6010B	P
Nickel	0.0100	0.0110	107	mg/L	SW-846 6010B	P
Selenium	0.0100	0.0130	129	mg/L	SW-846 6010B	P
Silver	0.00200	0.00270	133	mg/L	SW-846 6010B	P
Tin	0.0250	0.0270	107	mg/L	SW-846 6010B	P
Vanadium	0.00500	0.00550	110	mg/L	SW-846 6010B	P
Zinc	0.0100	0.0100	101	mg/L	SW-846 6010B	P

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-49-4 INORGANIC VENTURES Instrument ID: ICP5 ICAL ID: 5

Date Analyzed: 07/26/06 Time: 1159

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	5.12	102	mg/L	SW-846 6010B	P
Antimony	0.500	0.520	104	mg/L	SW-846 6010B	P
Arsenic	0.500	0.500	100	mg/L	SW-846 6010B	P
Barium	0.500	0.510	102	mg/L	SW-846 6010B	P
Beryllium	0.500	0.500	101	mg/L	SW-846 6010B	P
Boron	2.50	2.52	101	mg/L	SW-846 6010B	P
Cadmium	0.500	0.510	101	mg/L	SW-846 6010B	P
Calcium	5.00	4.95	99	mg/L	SW-846 6010B	P
Chromium	0.500	0.510	102	mg/L	SW-846 6010B	P
Cobalt	0.500	0.510	102	mg/L	SW-846 6010B	P
Copper	0.500	0.510	102	mg/L	SW-846 6010B	P
Iron	5.00	4.96	99	mg/L	SW-846 6010B	P
Lead	0.500	0.510	101	mg/L	SW-846 6010B	P
Lithium	0.500	0.520	103	mg/L	SW-846 6010B	P
Magnesium	5.00	5.02	100	mg/L	SW-846 6010B	P
Manganese	0.500	0.510	102	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.500	101	mg/L	SW-846 6010B	P
Nickel	0.500	0.510	102	mg/L	SW-846 6010B	P
Potassium	10.0	9.95	99	mg/L	SW-846 6010B	P
Selenium	0.500	0.510	101	mg/L	SW-846 6010B	P
Silicon	0.500	0.480	97	mg/L	SW-846 6010B	P
Silver	0.500	0.500	101	mg/L	SW-846 6010B	P
Sodium	20.0	19.3	97	mg/L	SW-846 6010B	P
Strontium	0.500	0.500	100	mg/L	SW-846 6010B	P
Thallium	0.500	0.520	104	mg/L	SW-846 6010B	P
Tin	0.500	0.520	103	mg/L	SW-846 6010B	P
Titanium	0.500	0.500	101	mg/L	SW-846 6010B	P
Vanadium	0.500	0.510	101	mg/L	SW-846 6010B	P
Zinc	0.500	0.520	103	mg/L	SW-846 6010B	P
Zirconium	0.500	0.500	101	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-49-4 INORGANIC VENTURES
Instrument ID: ICP5 ICAL ID: 5
Date Analyzed: 07/26/06 Time: 1325

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	5.11	102	mg/L	SW-846 6010B	P
Antimony	0.500	0.520	105	mg/L	SW-846 6010B	P
Arsenic	0.500	0.520	103	mg/L	SW-846 6010B	P
Barium	0.500	0.520	104	mg/L	SW-846 6010B	P
Beryllium	0.500	0.520	104	mg/L	SW-846 6010B	P
Boron	2.50	2.57	103	mg/L	SW-846 6010B	P
Cadmium	0.500	0.520	105	mg/L	SW-846 6010B	P
Calcium	5.00	4.99	100	mg/L	SW-846 6010B	P
Chromium	0.500	0.520	105	mg/L	SW-846 6010B	P
Cobalt	0.500	0.520	104	mg/L	SW-846 6010B	P
Copper	0.500	0.520	104	mg/L	SW-846 6010B	P
Iron	5.00	5.07	101	mg/L	SW-846 6010B	P
Lead	0.500	0.520	105	mg/L	SW-846 6010B	P
Lithium	0.500	0.520	103	mg/L	SW-846 6010B	P
Magnesium	5.00	5.07	101	mg/L	SW-846 6010B	P
Manganese	0.500	0.530	105	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.520	104	mg/L	SW-846 6010B	P
Nickel	0.500	0.530	106	mg/L	SW-846 6010B	P
Potassium	10.0	9.97	100	mg/L	SW-846 6010B	P
Selenium	0.500	0.520	104	mg/L	SW-846 6010B	P
Silicon	0.500	0.510	102	mg/L	SW-846 6010B	P
Silver	0.500	0.520	103	mg/L	SW-846 6010B	P
Sodium	20.0	18.8	94	mg/L	SW-846 6010B	P
Strontium	0.500	0.490	99	mg/L	SW-846 6010B	P
Thallium	0.500	0.530	107	mg/L	SW-846 6010B	P
Tin	0.500	0.520	104	mg/L	SW-846 6010B	P
Titanium	0.500	0.520	104	mg/L	SW-846 6010B	P
Vanadium	0.500	0.520	105	mg/L	SW-846 6010B	P
Zinc	0.500	0.550	110	mg/L	SW-846 6010B	P
Zirconium	0.500	0.520	103	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-49-4 INORGANIC VENTURES Instrument ID: ICP5 ICAL ID: 5

Date Analyzed: 07/26/06 Time: 1453

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.96	99	mg/L	SW-846 6010B	P
Antimony	0.500	0.520	104	mg/L	SW-846 6010B	P
Arsenic	0.500	0.510	101	mg/L	SW-846 6010B	P
Barium	0.500	0.520	105	mg/L	SW-846 6010B	P
Beryllium	0.500	0.520	104	mg/L	SW-846 6010B	P
Boron	2.50	2.57	103	mg/L	SW-846 6010B	P
Cadmium	0.500	0.530	105	mg/L	SW-846 6010B	P
Calcium	5.00	4.82	96	mg/L	SW-846 6010B	P
Chromium	0.500	0.530	105	mg/L	SW-846 6010B	P
Cobalt	0.500	0.520	104	mg/L	SW-846 6010B	P
Copper	0.500	0.520	105	mg/L	SW-846 6010B	P
Iron	5.00	4.93	99	mg/L	SW-846 6010B	P
Lead	0.500	0.520	104	mg/L	SW-846 6010B	P
Lithium	0.500	0.490	98	mg/L	SW-846 6010B	P
Magnesium	5.00	4.94	99	mg/L	SW-846 6010B	P
Manganese	0.500	0.530	105	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.510	103	mg/L	SW-846 6010B	P
Nickel	0.500	0.540	108	mg/L	SW-846 6010B	P
Potassium	10.0	9.69	97	mg/L	SW-846 6010B	P
Selenium	0.500	0.520	105	mg/L	SW-846 6010B	P
Silicon	0.500	0.460	93	mg/L	SW-846 6010B	P
Silver	0.500	0.520	103	mg/L	SW-846 6010B	P
Sodium	20.0	17.9	89	mg/L	SW-846 6010B	P
Strontium	0.500	0.460	92	mg/L	SW-846 6010B	P
Thallium	0.500	0.520	104	mg/L	SW-846 6010B	P
Tin	0.500	0.520	104	mg/L	SW-846 6010B	P
Titanium	0.500	0.520	103	mg/L	SW-846 6010B	P
Vanadium	0.500	0.530	106	mg/L	SW-846 6010B	P
Zinc	0.500	0.540	107	mg/L	SW-846 6010B	P
Zirconium	0.500	0.520	103	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-49-4 INORGANIC VENTURES
Instrument ID: ICP5 ICAL ID: 5
Date Analyzed: 07/26/06 Time: 1627

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.88	98	mg/L	SW-846 6010B	P
Antimony	0.500	0.530	105	mg/L	SW-846 6010B	P
Arsenic	0.500	0.510	102	mg/L	SW-846 6010B	P
Barium	0.500	0.530	105	mg/L	SW-846 6010B	P
Beryllium	0.500	0.520	104	mg/L	SW-846 6010B	P
Boron	2.50	2.59	104	mg/L	SW-846 6010B	P
Cadmium	0.500	0.530	106	mg/L	SW-846 6010B	P
Calcium	5.00	4.83	97	mg/L	SW-846 6010B	P
Chromium	0.500	0.530	106	mg/L	SW-846 6010B	P
Cobalt	0.500	0.520	104	mg/L	SW-846 6010B	P
Copper	0.500	0.530	105	mg/L	SW-846 6010B	P
Iron	5.00	4.99	100	mg/L	SW-846 6010B	P
Lead	0.500	0.520	104	mg/L	SW-846 6010B	P
Lithium	0.500	0.480	96	mg/L	SW-846 6010B	P
Magnesium	5.00	4.99	100	mg/L	SW-846 6010B	P
Manganese	0.500	0.530	106	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.520	104	mg/L	SW-846 6010B	P
Nickel	0.500	0.540	109	mg/L	SW-846 6010B	P
Potassium	10.0	9.55	95	mg/L	SW-846 6010B	P
Selenium	0.500	0.520	104	mg/L	SW-846 6010B	P
Silicon	0.500	0.480	96	mg/L	SW-846 6010B	P
Silver	0.500	0.520	104	mg/L	SW-846 6010B	P
Sodium	20.0	17.3	87	mg/L	SW-846 6010B	P
Strontium	0.500	0.450	91	mg/L	SW-846 6010B	P
Thallium	0.500	0.530	106	mg/L	SW-846 6010B	P
Tin	0.500	0.520	105	mg/L	SW-846 6010B	P
Titanium	0.500	0.520	104	mg/L	SW-846 6010B	P
Vanadium	0.500	0.530	107	mg/L	SW-846 6010B	P
Zinc	0.500	0.530	106	mg/L	SW-846 6010B	P
Zirconium	0.500	0.520	104	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-49-4 INORGANIC VENTURES Instrument ID: ICP5 ICAL ID: 5

Date Analyzed: 07/26/06 Time: 1800

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.90	98	mg/L	SW-846 6010B	P
Antimony	0.500	0.530	105	mg/L	SW-846 6010B	P
Arsenic	0.500	0.510	103	mg/L	SW-846 6010B	P
Barium	0.500	0.520	105	mg/L	SW-846 6010B	P
Beryllium	0.500	0.520	104	mg/L	SW-846 6010B	P
Boron	2.50	2.60	104	mg/L	SW-846 6010B	P
Cadmium	0.500	0.530	106	mg/L	SW-846 6010B	P
Calcium	5.00	4.86	97	mg/L	SW-846 6010B	P
Chromium	0.500	0.530	106	mg/L	SW-846 6010B	P
Cobalt	0.500	0.520	104	mg/L	SW-846 6010B	P
Copper	0.500	0.530	105	mg/L	SW-846 6010B	P
Iron	5.00	5.07	101	mg/L	SW-846 6010B	P
Lead	0.500	0.520	104	mg/L	SW-846 6010B	P
Lithium	0.500	0.470	93	mg/L	SW-846 6010B	P
Magnesium	5.00	4.92	98	mg/L	SW-846 6010B	P
Manganese	0.500	0.530	106	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.510	103	mg/L	SW-846 6010B	P
Nickel	0.500	0.540	108	mg/L	SW-846 6010B	P
Potassium	10.0	9.46	95	mg/L	SW-846 6010B	P
Selenium	0.500	0.520	103	mg/L	SW-846 6010B	P
Silicon	0.500	0.480	96	mg/L	SW-846 6010B	P
Silver	0.500	0.520	104	mg/L	SW-846 6010B	P
Sodium	20.0	17.0	85	mg/L	SW-846 6010B	P
Strontium	0.500	0.450	90	mg/L	SW-846 6010B	P
Thallium	0.500	0.530	105	mg/L	SW-846 6010B	P
Tin	0.500	0.520	104	mg/L	SW-846 6010B	P
Titanium	0.500	0.520	103	mg/L	SW-846 6010B	P
Vanadium	0.500	0.530	107	mg/L	SW-846 6010B	P
Zinc	0.500	0.530	106	mg/L	SW-846 6010B	P
Zirconium	0.500	0.520	104	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Calibration Source: 160-49-4 INORGANIC VENTURES Instrument ID: ICP5 ICAL ID: 5

Date Analyzed: 07/26/06 Time: 1924

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.60	92	mg/L	SW-846 6010B	P
Antimony	0.500	0.520	104	mg/L	SW-846 6010B	P
Arsenic	0.500	0.500	101	mg/L	SW-846 6010B	P
Barium	0.500	0.510	103	mg/L	SW-846 6010B	P
Beryllium	0.500	0.510	102	mg/L	SW-846 6010B	P
Boron	2.50	2.54	102	mg/L	SW-846 6010B	P
Cadmium	0.500	0.520	103	mg/L	SW-846 6010B	P
Calcium	5.00	4.55	91	mg/L	SW-846 6010B	P
Chromium	0.500	0.520	104	mg/L	SW-846 6010B	P
Cobalt	0.500	0.510	103	mg/L	SW-846 6010B	P
Copper	0.500	0.520	103	mg/L	SW-846 6010B	P
Iron	5.00	4.68	94	mg/L	SW-846 6010B	P
Lead	0.500	0.510	103	mg/L	SW-846 6010B	P
Lithium	0.500	0.430	86	mg/L	SW-846 6010B	P
Magnesium	5.00	4.61	92	mg/L	SW-846 6010B	P
Manganese	0.500	0.520	104	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.510	102	mg/L	SW-846 6010B	P
Nickel	0.500	0.530	106	mg/L	SW-846 6010B	P
Potassium	10.0	9.13	91	mg/L	SW-846 6010B	P
Selenium	0.500	0.520	104	mg/L	SW-846 6010B	P
Silicon	0.500	0.430	87	mg/L	SW-846 6010B	P
Silver	0.500	0.510	102	mg/L	SW-846 6010B	P
Sodium	20.0	15.9	80	mg/L	SW-846 6010B	P
Strontium	0.500	0.420	83	mg/L	SW-846 6010B	P
Thallium	0.500	0.520	104	mg/L	SW-846 6010B	P
Tin	0.500	0.520	104	mg/L	SW-846 6010B	P
Titanium	0.500	0.510	102	mg/L	SW-846 6010B	P
Vanadium	0.500	0.520	104	mg/L	SW-846 6010B	P
Zinc	0.500	0.530	105	mg/L	SW-846 6010B	P
Zirconium	0.500	0.510	102	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-49-4 INORGANIC VENTURES
Instrument ID: ICP5 ICAL ID: 5
Date Analyzed: 07/26/06 Time: 2049

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Aluminum	5.00	4.56	91	mg/L	SW-846 6010B	P
Antimony	0.500	0.510	102	mg/L	SW-846 6010B	P
Arsenic	0.500	0.500	99	mg/L	SW-846 6010B	P
Barium	0.500	0.510	102	mg/L	SW-846 6010B	P
Beryllium	0.500	0.500	100	mg/L	SW-846 6010B	P
Boron	2.50	2.51	101	mg/L	SW-846 6010B	P
Cadmium	0.500	0.510	102	mg/L	SW-846 6010B	P
Calcium	5.00	4.49	90	mg/L	SW-846 6010B	P
Chromium	0.500	0.510	102	mg/L	SW-846 6010B	P
Cobalt	0.500	0.500	101	mg/L	SW-846 6010B	P
Copper	0.500	0.510	103	mg/L	SW-846 6010B	P
Iron	5.00	4.65	93	mg/L	SW-846 6010B	P
Lead	0.500	0.500	101	mg/L	SW-846 6010B	P
Lithium	0.500	0.430	86	mg/L	SW-846 6010B	P
Magnesium	5.00	4.64	93	mg/L	SW-846 6010B	P
Manganese	0.500	0.510	102	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.500	100	mg/L	SW-846 6010B	P
Nickel	0.500	0.520	104	mg/L	SW-846 6010B	P
Potassium	10.0	8.96	90	mg/L	SW-846 6010B	P
Selenium	0.500	0.510	102	mg/L	SW-846 6010B	P
Silicon	0.500	0.440	87	mg/L	SW-846 6010B	P
Silver	0.500	0.510	101	mg/L	SW-846 6010B	P
Sodium	20.0	15.7	79	mg/L	SW-846 6010B	P
Strontium	0.500	0.410	82	mg/L	SW-846 6010B	P
Thallium	0.500	0.510	103	mg/L	SW-846 6010B	P
Tin	0.500	0.510	101	mg/L	SW-846 6010B	P
Titanium	0.500	0.500	100	mg/L	SW-846 6010B	P
Vanadium	0.500	0.510	102	mg/L	SW-846 6010B	P
Zinc	0.500	0.520	103	mg/L	SW-846 6010B	P
Zirconium	0.500	0.510	101	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-49-4 INORGANIC VENTURES
Instrument ID: ICP5 ICAL ID: 5
Date Analyzed: 07/26/06 Time: 2132

CONTINUING CALIBRATION VERIFICATION

Analyte	True	Found	CAL %R	Units	Method	Type
Aluminum	5.00	4.43	89	mg/L	SW-846 6010B	P
Antimony	0.500	0.510	102	mg/L	SW-846 6010B	P
Arsenic	0.500	0.490	98	mg/L	SW-846 6010B	P
Barium	0.500	0.510	101	mg/L	SW-846 6010B	P
Beryllium	0.500	0.510	101	mg/L	SW-846 6010B	P
Boron	2.50	2.50	100	mg/L	SW-846 6010B	P
Cadmium	0.500	0.510	102	mg/L	SW-846 6010B	P
Calcium	5.00	4.41	88	mg/L	SW-846 6010B	P
Chromium	0.500	0.510	102	mg/L	SW-846 6010B	P
Cobalt	0.500	0.500	100	mg/L	SW-846 6010B	P
Copper	0.500	0.510	103	mg/L	SW-846 6010B	P
Iron	5.00	4.48	90	mg/L	SW-846 6010B	P
Lead	0.500	0.500	100	mg/L	SW-846 6010B	P
Lithium	0.500	0.430	86	mg/L	SW-846 6010B	P
Magnesium	5.00	4.44	89	mg/L	SW-846 6010B	P
Manganese	0.500	0.510	102	mg/L	SW-846 6010B	P
Molybdenum	0.500	0.500	100	mg/L	SW-846 6010B	P
Nickel	0.500	0.520	104	mg/L	SW-846 6010B	P
Potassium	10.0	9.06	91	mg/L	SW-846 6010B	P
Selenium	0.500	0.500	100	mg/L	SW-846 6010B	P
Silicon	0.500	0.410	83	mg/L	SW-846 6010B	P
Silver	0.500	0.500	101	mg/L	SW-846 6010B	P
Sodium	20.0	16.5	83	mg/L	SW-846 6010B	P
Strontium	0.500	0.410	81	mg/L	SW-846 6010B	P
Thallium	0.500	0.510	102	mg/L	SW-846 6010B	P
Tin	0.500	0.500	100	mg/L	SW-846 6010B	P
Titanium	0.500	0.510	101	mg/L	SW-846 6010B	P
Vanadium	0.500	0.510	102	mg/L	SW-846 6010B	P
Zinc	0.500	0.510	102	mg/L	SW-846 6010B	P
Zirconium	0.500	0.510	101	mg/L	SW-846 6010B	P

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024
Case No.:
SAS No.:
SDG No.: 206072006
Calibration Source: 160-43-2 CPI
Instrument ID: FIMS1
ICAL ID: 1
Date Analyzed: 07/26/06
Time: 1831

INITIAL CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00536	107	mg/L	SW-846 7470A	AV

ICV CONTROL LIMITS EPA 6010B = 90-110 EPA 200.7 = 95-105

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 1
Date Analyzed: 07/26/06 Time: 1834

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00508	102	mg/L	SW-846 7470A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 1
Date Analyzed: 07/26/06 Time: 1853

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00510	102	mg/L	SW-846 7470A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 1
Date Analyzed: 07/26/06 Time: 1915

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00503	101	mg/L	SW-846 7470A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 1
Date Analyzed: 07/26/06 Time: 1937

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00513	103	mg/L	SW-846 7470A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-2 CPI
Instrument ID: FIMS1 ICAL ID: 2
Date Analyzed: 07/31/06 Time: 1655

INITIAL CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00478	96	mg/L	SW-846 7471A	AV

ICV CONTROL LIMITS EPA 6010B = 90-110 EPA 200.7 = 95-105

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 2
Date Analyzed: 07/31/06 Time: 1659

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00492	98	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 2
Date Analyzed: 07/31/06 Time: 1718

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00491	98	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 2
Date Analyzed: 07/31/06 Time: 1738

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00490	98	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 2
Date Analyzed: 07/31/06 Time: 1758

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00487	97	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 2
Date Analyzed: 07/31/06 Time: 1817

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00485	97	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-2 CPI
Instrument ID: FIMS1 ICAL ID: 3
Date Analyzed: 08/01/06 Time: 1412

INITIAL CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00490	98	mg/L	SW-846 7471A	AV

ICV CONTROL LIMITS EPA 6010B = 90-110 EPA 200.7 = 95-105

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 3
Date Analyzed: 08/01/06 Time: 1415

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00517	103	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 3
Date Analyzed: 08/01/06 Time: 1434

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00514	103	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 3
Date Analyzed: 08/01/06 Time: 1454

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00511	102	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Calibration Source: 160-43-1 EXAXOL
Instrument ID: FIMS1 ICAL ID: 3
Date Analyzed: 08/01/06 Time: 1511

CONTINUING CALIBRATION VERIFICATION

Analyte	*True*	*Found*	*CAL %R*	*Units*	*Method*	*Type*
Mercury	0.00500	0.00509	102	mg/L	SW-846 7471A	AV

CCV CONTROL LIMITS EPA 6010B AND 200.7 = 90-110 EPA 7470/7471 AND 7XXX = 80-120

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: ICB
ICAL ID: 4
Lab Sample DESC: ICB FOR HBN 328716 [ICP/3786]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP6
Date Analyzed: 07/25/06 Time: 0949

INITIAL CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.059	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.020	U	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 4
Lab Sample DESC: CCB FOR HBN 328716 [ICP/3786]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP6
Date Analyzed: 07/25/06 Time: 1045

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.043	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.00074	B	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.020	U	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.030	B	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: 393096

ICAL ID: 4

Lab Sample DESC: MB393096

Preparation Blank Matrix: (soil / water) Water

Instrument ID: ICP6

Date Analyzed: 07/25/06 Time: 1052

PREPARATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.024	B	mg/L	0.013	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.026	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0014	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 4
Lab Sample DESC: CCB FOR HBN 328716 [ICP/3786]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP6
Date Analyzed: 07/25/06 Time: 1205

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.047	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.00080	B	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0015	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 4

Lab Sample DESC: CCB FOR HBN 328716 [ICP/3786]

Preparation Blank Matrix: (soil / water)

Instrument ID: ICP6

Date Analyzed: 07/25/06 Time: 1326

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.032	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.00084	B	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0013	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 4

Lab Sample DESC: CCB FOR HBN 328716 [ICP/3786]

Preparation Blank Matrix: (soil / water)

Instrument ID: ICP6

Date Analyzed: 07/25/06 Time: 1441

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.031	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.039	B	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.00087	B	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0023	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.0046	B	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 4

Lab Sample DESC: CCB FOR HBN 328716 [ICP/3786]

Preparation Blank Matrix: (soil / water)

Instrument ID: ICP6

Date Analyzed: 07/25/06 Time: 1556

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.027	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.00078	B	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.0012	B	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0013	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 4
Lab Sample DESC: CCB FOR HBN 328716 [ICP/3786]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP6
Date Analyzed: 07/25/06 Time: 1714

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.037	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.020	U	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 4
Lab Sample DESC: CCB FOR HBN 328716 [ICP/3786]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP6
Date Analyzed: 07/25/06 Time: 1831

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.038	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.0062	B	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0014	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 4
Lab Sample DESC: CCB FOR HBN 328716 [ICP/3786]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP6
Date Analyzed: 07/25/06 Time: 1945

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.029	B	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.031	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.00087	B	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0017	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.020	U	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: ICB
ICAL ID: 5
Lab Sample DESC: ICB FOR HBN 328787 [ICP/3788]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP5
Date Analyzed: 07/26/06 Time: 1114

INITIAL CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.027	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.0017	B	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.010	B	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0016	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.00070	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 5

Lab Sample DESC: CCB FOR HBN 328787 [ICP/3788]

Preparation Blank Matrix: (soil / water)

Instrument ID: ICP5

Date Analyzed: 07/26/06 Time: 1206

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.025	B	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.033	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.0013	B	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.020	U	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.0010	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: 392845

ICAL ID: 5

Lab Sample DESC: MB392845

Preparation Blank Matrix: (soil / water) Soil

Instrument ID: ICP5

Date Analyzed: 07/26/06 Time: 1231

PREPARATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	1.13	B	mg/kg	0.72	8.00	SW-846 6010B	P
Antimony	2.40	U	mg/kg	0.19	2.40	SW-846 6010B	P
Arsenic	1.60	U	mg/kg	0.16	1.60	SW-846 6010B	P
Barium	0.022	B	mg/kg	0.016	0.40	SW-846 6010B	P
Beryllium	0.20	U	mg/kg	0.0030	0.20	SW-846 6010B	P
Boron	4.00	U	mg/kg	0.94	4.00	SW-846 6010B	P
Cadmium	0.20	U	mg/kg	0.016	0.20	SW-846 6010B	P
Chromium	0.40	U	mg/kg	0.041	0.40	SW-846 6010B	P
Cobalt	0.40	U	mg/kg	0.022	0.40	SW-846 6010B	P
Copper	0.40	U	mg/kg	0.057	0.40	SW-846 6010B	P
Iron	4.00	U	mg/kg	0.92	4.00	SW-846 6010B	P
Lead	0.11	B	mg/kg	0.065	0.60	SW-846 6010B	P
Lithium	2.00	U	mg/kg	0.14	2.00	SW-846 6010B	P
Manganese	0.60	U	mg/kg	0.029	0.60	SW-846 6010B	P
Molybdenum	1.20	U	mg/kg	0.062	1.20	SW-846 6010B	P
Nickel	1.60	U	mg/kg	0.059	1.60	SW-846 6010B	P
Selenium	1.60	U	mg/kg	0.42	1.60	SW-846 6010B	P
Silver	0.12	B	mg/kg	0.047	0.40	SW-846 6010B	P
Strontium	0.40	U	mg/kg	0.022	0.40	SW-846 6010B	P
Thallium	0.23	B	mg/kg	0.077	0.80	SW-846 6010B	P
Tin	4.00	U	mg/kg	0.45	4.00	SW-846 6010B	P
Titanium	0.035	B	mg/kg	0.013	4.00	SW-846 6010B	P
Vanadium	0.11	B	mg/kg	0.014	0.80	SW-846 6010B	P
Zinc	0.80	U	mg/kg	0.18	0.80	SW-846 6010B	P

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 5

Lab Sample DESC: CCB FOR HBN 328787 [ICP/3788]

Preparation Blank Matrix: (soil / water)

Instrument ID: ICP5

Date Analyzed: 07/26/06 Time: 1332

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.0040	B	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.00040	B	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.033	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.0014	B	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0043	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.0027	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.019	B	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 5

Lab Sample DESC: CCB FOR HBN 328787 [ICP/3788]

Preparation Blank Matrix: (soil / water)

Instrument ID: ICP5

Date Analyzed: 07/26/06 Time: 1509

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.039	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.0021	B	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0043	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.0034	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.0083	B	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 5
Lab Sample DESC: CCB FOR HBN 328787 [ICP/3788]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP5
Date Analyzed: 07/26/06 Time: 1635

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.036	B	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.0041	B	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.027	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.0013	B	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.0076	B	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.0011	B	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0020	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.0044	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.0059	B	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 5
Lab Sample DESC: CCB FOR HBN 328787 [ICP/3788]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP5
Date Analyzed: 07/26/06 Time: 1807

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.060	U	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.033	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0051	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.0032	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.0033	B	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 5
Lab Sample DESC: CCB FOR HBN 328787 [ICP/3788]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP5
Date Analyzed: 07/26/06 Time: 1931

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.025	B	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.0032	B	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.0038	B	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.030	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.00062	B	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0038	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.0029	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.0091	B	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 5
Lab Sample DESC: CCB FOR HBN 328787 [ICP/3788]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP5
Date Analyzed: 07/26/06 Time: 2057

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.0056	B	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.026	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.015	U	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.040	U	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.0045	B	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.0012	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 5
Lab Sample DESC: CCB FOR HBN 328787 [ICP/3788]
Preparation Blank Matrix: (soil / water)
Instrument ID: ICP5
Date Analyzed: 07/26/06 Time: 2140

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Aluminum	0.20	U	mg/L	0.023	0.20	SW-846 6010B	P
Antimony	0.0040	B	mg/L	0.0025	0.060	SW-846 6010B	P
Arsenic	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Barium	0.010	U	mg/L	0.00040	0.010	SW-846 6010B	P
Beryllium	0.0050	U	mg/L	0.00010	0.0050	SW-846 6010B	P
Boron	0.026	B	mg/L	0.012	1.00	SW-846 6010B	P
Cadmium	0.0050	U	mg/L	0.00020	0.0050	SW-846 6010B	P
Chromium	0.010	U	mg/L	0.00090	0.010	SW-846 6010B	P
Cobalt	0.010	U	mg/L	0.00050	0.010	SW-846 6010B	P
Copper	0.010	U	mg/L	0.0030	0.010	SW-846 6010B	P
Iron	0.10	U	mg/L	0.025	0.10	SW-846 6010B	P
Lead	0.0027	B	mg/L	0.0012	0.015	SW-846 6010B	P
Lithium	0.050	U	mg/L	0.0035	0.050	SW-846 6010B	P
Manganese	0.015	U	mg/L	0.00060	0.015	SW-846 6010B	P
Molybdenum	0.050	U	mg/L	0.0018	0.050	SW-846 6010B	P
Nickel	0.040	U	mg/L	0.00060	0.040	SW-846 6010B	P
Selenium	0.010	B	mg/L	0.0045	0.040	SW-846 6010B	P
Silver	0.010	U	mg/L	0.00060	0.010	SW-846 6010B	P
Strontium	0.050	U	mg/L	0.00090	0.050	SW-846 6010B	P
Thallium	0.020	U	mg/L	0.0013	0.020	SW-846 6010B	P
Tin	0.025	U	mg/L	0.0062	0.025	SW-846 6010B	P
Titanium	0.10	U	mg/L	0.00050	0.10	SW-846 6010B	P
Vanadium	0.0013	B	mg/L	0.00070	0.020	SW-846 6010B	P
Zinc	0.020	U	mg/L	0.0024	0.020	SW-846 6010B	P

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: ICB
ICAL ID: 1
Lab Sample DESC: ICB FOR HBN 328648 [HG/2973]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 07/26/06 Time: 1832

INITIAL CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.00005	0.00020	SW-846 7470A	AV

FORM III - IN

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 1

Lab Sample DESC: CCB FOR HBN 328648 [HG/2973]

Preparation Blank Matrix: (soil / water)

Instrument ID: FIMS1

Date Analyzed: 07/26/06 Time: 1836

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.00005	0.00020	SW-846 7470A	AV

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 1

Lab Sample DESC: CCB FOR HBN 328648 [HG/2973]

Preparation Blank Matrix: (soil / water)

Instrument ID: FIMS1

Date Analyzed: 07/26/06 Time: 1855

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.00005	0.00020	SW-846 7470A	AV

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: 392942

ICAL ID: 1

Lab Sample DESC: MB392942

Preparation Blank Matrix: (soil / water) Water

Instrument ID: FIMS1

Date Analyzed: 07/26/06 Time: 1900

PREPARATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.00005	0.00020	SW-846 7470A	AV

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 1
Lab Sample DESC: CCB FOR HBN 328648 [HG/2973]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 07/26/06 Time: 1917

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.00005	0.00020	SW-846 7470A	AV

FORM III - IN

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 1
Lab Sample DESC: CCB FOR HBN 328648 [HG/2973]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 07/26/06 Time: 1938

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.00005	0.00020	SW-846 7470A	AV

FORM III - IN

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: ICB
ICAL ID: 2
Lab Sample DESC: ICB FOR HBN 329132 [HG/2981]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 07/31/06 Time: 1657

INITIAL CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.000091	B	mg/L	0.000050	0.00020	SW-846 7471A	AV

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 2

Lab Sample DESC: CCB FOR HBN 329132 [HG/2981]

Preparation Blank Matrix: (soil / water)

Instrument ID: FIMS1

Date Analyzed: 07/31/06 Time: 1700

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.000095	B	mg/L	0.000050	0.00020	SW-846 7471A	AV

FORM III - IN

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 2

Lab Sample DESC: CCB FOR HBN 329132 [HG/2981]

Preparation Blank Matrix: (soil / water)

Instrument ID: FIMS1

Date Analyzed: 07/31/06 Time: 1720

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.000076	B	mg/L	0.000050	0.00020	SW-846 7471A	AV

FORM III - IN

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: 393059

ICAL ID: 2

Lab Sample DESC: MB393059

Preparation Blank Matrix: (soil / water) Soil

Instrument ID: FIMS1

Date Analyzed: 07/31/06 Time: 1735

PREPARATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.0033	B	mg/kg	0.0020	0.010	SW-846 7471A	AV

FORM III - IN

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 2
Lab Sample DESC: CCB FOR HBN 329132 [HG/2981]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 07/31/06 Time: 1739

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00010	B	mg/L	0.000050	0.00020	SW-846 7471A	AV

FORM III - IN

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 2
Lab Sample DESC: CCB FOR HBN 329132 [HG/2981]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 07/31/06 Time: 1759

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.000077	B	mg/L	0.000050	0.00020	SW-846 7471A	AV

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 2
Lab Sample DESC: CCB FOR HBN 329132 [HG/2981]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 07/31/06 Time: 1819

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.000052	B	mg/L	0.000050	0.00020	SW-846 7471A	AV

FORM III - IN

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: ICB

ICAL ID: 3

Lab Sample DESC: ICB FOR HBN 329190 [HG/2982]

Preparation Blank Matrix: (soil / water)

Instrument ID: FIMS1

Date Analyzed: 08/01/06 Time: 1413

INITIAL CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.000050	0.00020	SW-846 7471A	AV

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 3
Lab Sample DESC: CCB FOR HBN 329190 [HG/2982]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 08/01/06 Time: 1417

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.000050	0.00020	SW-846 7471A	AV

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 3
Lab Sample DESC: CCB FOR HBN 329190 [HG/2982]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 08/01/06 Time: 1436

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.000050	0.00020	SW-846 7471A	AV

BLANKS

Lab Name: GCAL

Contract:

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 206072006

Lab Sample ID: CCB

ICAL ID: 3

Lab Sample DESC: CCB FOR HBN 329190 [HG/2982]

Preparation Blank Matrix: (soil / water)

Instrument ID: FIMS1

Date Analyzed: 08/01/06 Time: 1456

CONTINUING CALIBRATION BLANK

Analyte	*Conc.*	*C*	*Units*	*MDL*	*PQL*	*Method*	*Type*
Mercury	0.00020	U	mg/L	0.000050	0.00020	SW-846 7471A	AV

BLANKS

Lab Name: GCAL
Contract:
Lab Code: LA024 Case No.:
SAS No.: SDG No.: 206072006
Lab Sample ID: CCB
ICAL ID: 3
Lab Sample DESC: CCB FOR HBN 329190 [HG/2982]
Preparation Blank Matrix: (soil / water)
Instrument ID: FIMS1
Date Analyzed: 08/01/06 Time: 1512

CONTINUING CALIBRATION BLANK

Analyte	Conc.	C	Units	MDL	PQL	Method	Type
Mercury	0.00020	U	mg/L	0.000050	0.00020	SW-846 7471A	AV

FORM III - IN

ICP INTERFERENCE CHECK SAMPLE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

ICP ID Number: ICP6 ICS Source: 160-43-11 SPEX~160-48-2 SPEX

Concentration Units: mg/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum	200	200	211	213	106			
Antimony	0	1.00		1.11	111			
Arsenic	0	1.00		0.99	99			
Barium	0	0.50		0.53	106			
Beryllium	0	0.50		0.53	106			
Boron	0	1.00		1.08	108			
Cadmium	0	1.00		1.00	100			
Calcium	200	200	206	207	104			
Chromium	0	0.50		0.51	102			
Cobalt	0	0.50		0.48	96			
Copper	0	0.50		0.53	106			
Iron	80.0	80.0	84.3	84.9	106			
Lead	0	1.00		0.97	97			
Magnesium	200	200	204	205	102			
Manganese	0	0.50		0.49	98			
Molybdenum	0	1.00		0.99	99			
Nickel	0	1.00		0.95	95			
Selenium	0	1.00		1.04	104			
Silver	0	1.00		1.09	109			
Thallium	0	1.00		1.05	105			
Vanadium	0	0.50		0.50	100			
Zinc	0	1.00		1.01	101			

ICP INTERFERENCE CHECK SAMPLE

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

ICP ID Number: ICP5 ICS Source: 160-49-5 SPEX~160-48-2 SPEX

Concentration Units: mg/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum	200	200	195	199	100			
Antimony	0	1.00		1.00	100			
Arsenic	0	1.00		1.03	103			
Barium	0	0.50		0.51	102			
Beryllium	0	0.50		0.50	100			
Boron	0	1.00		0.91	91			
Cadmium	0	1.00		0.97	97			
Calcium	200	200	189	192	96			
Chromium	0	0.50		0.48	96			
Cobalt	0	0.50		0.46	92			
Copper	0	0.50		0.49	98			
Iron	80.0	80.0	75.2	76.7	96			
Lead	0	1.00		0.96	96			
Magnesium	200	200	190	194	97			
Manganese	0	0.50		0.50	100			
Molybdenum	0	1.00		0.95	95			
Nickel	0	1.00		0.94	94			
Selenium	0	1.00		1.01	101			
Silver	0	1.00		1.02	102			
Thallium	0	1.00		1.03	103			
Vanadium	0	0.50		0.50	100			
Zinc	0	1.00		0.98	98			

MS/MSD RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix Spike - EPA Sample No: 1007G319SN Method SW-846 6010B

SAMPLE NO. : 20607196508

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	#	QC. LIMITS
Iron	mg/L	5	.04	5.49	109		75 - 125

SAMPLE NO. : 20607196509

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
Iron	mg/L	5	5.68	113		3		75 - 125	0 - 20

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

001813

FORM V (PART 1) - IN

189785

MS/MSD RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix Spike - EPA Sample No: SF3SB45-090-(1-2) Method SW-846 6010B

SAMPLE NO. : 20607200603

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	#	QC. LIMITS
Aluminum	mg/kg	265	7460	10800	1250	N	75 - 125
Antimony	mg/kg	26.5	0	5.79	22	N	75 - 125
Arsenic	mg/kg	26.5	9.58	35.2	97		75 - 125
Barium	mg/kg	26.5	187	209	83		75 - 125
Beryllium	mg/kg	26.5	.46	28.3	105		75 - 125
Boron	mg/kg	133	0	64.2	48	N	75 - 125
Cadmium	mg/kg	26.5	2.74	30.6	105		75 - 125
Chromium	mg/kg	26.5	27	43.7	63	N	75 - 125
Cobalt	mg/kg	26.5	5	31.5	100		75 - 125
Copper	mg/kg	26.5	42.6	66	88		75 - 125
Iron	mg/kg	265	22400	20600	-700	N	75 - 125
Lead	mg/kg	26.5	107	133	97		75 - 125
Lithium	mg/kg	26.5	10.3	39.3	109		75 - 125
Manganese	mg/kg	26.5	335	497	612	N	75 - 125
Mercury	mg/kg	.33	.035	.36	99		75 - 125
Molybdenum	mg/kg	26.5	.5	18.5	68	N	75 - 125
Nickel	mg/kg	26.5	15.9	42.1	99		75 - 125
Selenium	mg/kg	26.5	0	23.9	90		75 - 125
Silver	mg/kg	26.5	0	26	98		75 - 125
Strontium	mg/kg	26.5	73	101	107		75 - 125
Thallium	mg/kg	26.5	0	22.4	85		75 - 125
Tin	mg/kg	26.5	3.2	24.8	81		75 - 125
Titanium	mg/kg	26.5	24.4	30.5	23	N	75 - 125
Vanadium	mg/kg	26.5	16.9	45.2	107		75 - 125
Zinc	mg/kg	26.5	7650	13100	20600	N	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD : 1 out of 25 outside limits

Spike Recovery: 20 out of 50 outside limits

MS/MSD RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix Spike - EPA Sample No: SF3SB45-090-(1-2) Method SW-846 6010B

SAMPLE NO. : 20607200604

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
Aluminum	mg/kg	265	9600	806	N	12		75 - 125	0 - 20
Antimony	mg/kg	26.5	5.05	19	N	14		75 - 125	0 - 20
Arsenic	mg/kg	26.5	34.6	94		2		75 - 125	0 - 20
Barium	mg/kg	26.5	204	63	N	3		75 - 125	0 - 20
Beryllium	mg/kg	26.5	27.2	101		3		75 - 125	0 - 20
Boron	mg/kg	133	61.6	46	N	4		75 - 125	0 - 20
Cadmium	mg/kg	26.5	27.1	92		12		75 - 125	0 - 20
Chromium	mg/kg	26.5	46.1	72	N	6		75 - 125	0 - 20
Cobalt	mg/kg	26.5	29.7	93		6		75 - 125	0 - 20
Copper	mg/kg	26.5	65.8	88		.4		75 - 125	0 - 20
Iron	mg/kg	265	19800	-1000	N	3		75 - 125	0 - 20
Lead	mg/kg	26.5	143	137	N	8		75 - 125	0 - 20
Lithium	mg/kg	26.5	36.4	98		7		75 - 125	0 - 20
Manganese	mg/kg	26.5	433	372	N	14		75 - 125	0 - 20
Mercury	mg/kg	.33	.35	95		4		75 - 125	0 - 20
Molybdenum	mg/kg	26.5	18.6	68	N	0		75 - 125	0 - 20
Nickel	mg/kg	26.5	40.4	93		4		75 - 125	0 - 20
Selenium	mg/kg	26.5	23.3	88		3		75 - 125	0 - 20
Silver	mg/kg	26.5	25.1	95		3		75 - 125	0 - 20
Strontium	mg/kg	26.5	97.4	92		4		75 - 125	0 - 20
Thallium	mg/kg	26.5	22.1	83		2		75 - 125	0 - 20
Tin	mg/kg	26.5	24	79		3		75 - 125	0 - 20
Titanium	mg/kg	26.5	31.7	28	N	4		75 - 125	0 - 20
Vanadium	mg/kg	26.5	44	102		3		75 - 125	0 - 20
Zinc	mg/kg	26.5	6880	-3000	N	62	*	75 - 125	0 - 20

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 1 out of 25 outside limits

Spike Recovery: 20 out of 50 outside limits

MS/MSD RECOVERY

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Matrix Spike - EPA Sample No: TMW-3 Method SW-846 7470A

SAMPLE NO. : 392944

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	#	QC. LIMITS
Mercury	mg/L	.005	0	.00494	99		75 - 125

SAMPLE NO. : 392945

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	#	% RPD	#	QC. LIMITS REC	QC. LIMITS RPD
Mercury	mg/L	.005	.00497	99		.6		75 - 125	0 - 20

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

001816

FORM V (PART 1) - IN

189788

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: GCAL

Sample ID: 1007G319SNPDS

Lab Code: LA024 Case No.:

Contract:

Matrix: (soil / water) Water

SAS No.: SDG No.: 206072006

Level: (low / med)

Lab Sample ID: 393846

Orig Lab Sample ID: 20607196507

Analyte	LL	UL	Spiked Sample Result	C	Sample Result	C	Spike Added	% R	Q	Units	Method	Type
Aluminum	75	125	5.06		0	U	5	101		mg/L	SW-846 6010B	P
Antimony	75	125	.52		0	U	.5	105		mg/L	SW-846 6010B	P
Arsenic	75	125	.47		0	U	.5	95		mg/L	SW-846 6010B	P
Barium	75	125	.53		.038		.5	99		mg/L	SW-846 6010B	P
Beryllium	75	125	.5		0	U	.5	99		mg/L	SW-846 6010B	P
Boron	75	125	2.6		.059	B	2.5	102		mg/L	SW-846 6010B	P
Cadmium	75	125	.49		0	U	.5	98		mg/L	SW-846 6010B	P
Chromium	75	125	.5		.0014	B	.5	100		mg/L	SW-846 6010B	P
Cobalt	75	125	.48		0	U	.5	96		mg/L	SW-846 6010B	P
Copper	75	125	.49		0	U	.5	98		mg/L	SW-846 6010B	P
Iron	75	125	5.36		.04	B	5	106		mg/L	SW-846 6010B	P
Lead	75	125	.49		0	U	.5	98		mg/L	SW-846 6010B	P
Lithium	75	125	.51		0	U	.5	102		mg/L	SW-846 6010B	P
Manganese	75	125	.61		.11		.5	100		mg/L	SW-846 6010B	P
Molybdenum	75	125	.49		.0025	B	.5	98		mg/L	SW-846 6010B	P
Nickel	75	125	.49		0	U	.5	97		mg/L	SW-846 6010B	P
Selenium	75	125	.51		0	U	.5	102		mg/L	SW-846 6010B	P
Silver	75	125	.5		.0007	B	.5	101		mg/L	SW-846 6010B	P
Strontium	75	125	.54		.044	B	.5	99		mg/L	SW-846 6010B	P
Thallium	75	125	.51		.0016	B	.5	101		mg/L	SW-846 6010B	P
Tin	75	125	.48		0	U	.5	96		mg/L	SW-846 6010B	P
Titanium	75	125	.5		0	U	.5	100		mg/L	SW-846 6010B	P
Vanadium	75	125	.5		0	U	.5	99		mg/L	SW-846 6010B	P
Zinc	75	125	.48		0	U	.5	97		mg/L	SW-846 6010B	P

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: GCAL

Sample ID: SF3SB45-090-(1-2)PDS

Lab Code: LA024 Case No.:

Contract:

Matrix: (soil / water) Soil

SAS No.: SDG No.: 206072006

Level: (low / med)

Lab Sample ID: 394164

Orig Lab Sample ID: 20607200602

Analyte	LL	UL	Spiked Sample Result	C	Sample Result	C	Spike Added	% R	Q	Units	Method	Type
Aluminum	75	125	7580		7460		265	46	N	mg/kg	SW-846 6010B	P
Antimony	75	125	29.2		0	U	26.5	110		mg/kg	SW-846 6010B	P
Arsenic	75	125	33.8		9.58		26.5	91		mg/kg	SW-846 6010B	P
Barium	75	125	211		187		26.5	92		mg/kg	SW-846 6010B	P
Beryllium	75	125	26.1		.46		26.5	97		mg/kg	SW-846 6010B	P
Boron	75	125	120		0	U	133	90		mg/kg	SW-846 6010B	P
Cadmium	75	125	26.9		2.74		26.5	91		mg/kg	SW-846 6010B	P
Chromium	75	125	51.5		27		26.5	92		mg/kg	SW-846 6010B	P
Cobalt	75	125	27.8		5		26.5	86		mg/kg	SW-846 6010B	P
Copper	75	125	74.4		42.6		26.5	120		mg/kg	SW-846 6010B	P
Iron	75	125	22000		22400		265	-200	N	mg/kg	SW-846 6010B	P
Lead	75	125	129		107		26.5	82		mg/kg	SW-846 6010B	P
Lithium	75	125	41.5		10.3		26.5	118		mg/kg	SW-846 6010B	P
Manganese	75	125	362		335		26.5	103		mg/kg	SW-846 6010B	P
Molybdenum	75	125	28.8		.5	B	26.5	107		mg/kg	SW-846 6010B	P
Nickel	75	125	39.3		15.9		26.5	89		mg/kg	SW-846 6010B	P
Selenium	75	125	22.4		0	U	26.5	85		mg/kg	SW-846 6010B	P
Silver	75	125	23.3		0	U	26.5	88		mg/kg	SW-846 6010B	P
Strontium	75	125	103		73		26.5	112		mg/kg	SW-846 6010B	P
Thallium	75	125	21.5		0	U	26.5	81		mg/kg	SW-846 6010B	P
Tin	75	125	31.1		3.2	B	26.5	105		mg/kg	SW-846 6010B	P
Titanium	75	125	47.8		24.4		26.5	88		mg/kg	SW-846 6010B	P
Vanadium	75	125	42.1		16.9		26.5	95		mg/kg	SW-846 6010B	P

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: GCAL

Sample ID: SF3SB45-090-(1-2)PDS

Lab Code: LA024 Case No.:

Contract:

Matrix: (soil / water) Soil

SAS No.: SDG No.: 206072006

Level: (low / med)

Lab Sample ID: 394801

Orig Lab Sample ID: 20607200602

Analyte	LL	UL	Spiked Sample Result	C	Sample Result	C	Spike Added	% R	Q	Units	Method	Type
Zinc	75	125	7890		7650		265	91		mg/kg	SW-846 6010B	P

FORM V (PART 2) - IN

LABORATORY CONTROL SAMPLE

Lab Name: GCAL

Sample ID: LCS392846

Lab Code: LA024 Case No.:

Contract:

Matrix: (soil / water) Soil

SAS No.: SDG No.: 206072006

Lab Sample ID: 392846

LCS Source: 334-58-12 INORGANIC VENTURES

Analyte	True	Found	% R	LL	UL	Units	Method	Type
Aluminum	200	219	109	80	120	mg/kg	SW-846 6010B	P
Antimony	20.0	22.3	111	80	120	mg/kg	SW-846 6010B	P
Arsenic	20.0	21.8	109	80	120	mg/kg	SW-846 6010B	P
Barium	20.0	22.1	110	80	120	mg/kg	SW-846 6010B	P
Beryllium	20.0	21.8	109	80	120	mg/kg	SW-846 6010B	P
Boron	100	104	104	80	120	mg/kg	SW-846 6010B	P
Cadmium	20.0	22.0	110	80	120	mg/kg	SW-846 6010B	P
Chromium	20.0	22.0	110	80	120	mg/kg	SW-846 6010B	P
Cobalt	20.0	21.8	109	80	120	mg/kg	SW-846 6010B	P
Copper	20.0	21.9	109	80	120	mg/kg	SW-846 6010B	P
Iron	200	217	109	80	120	mg/kg	SW-846 6010B	P
Lead	20.0	21.7	109	80	120	mg/kg	SW-846 6010B	P
Lithium	20.0	21.7	109	80	120	mg/kg	SW-846 6010B	P
Manganese	20.0	22.0	110	80	120	mg/kg	SW-846 6010B	P
Molybdenum	20.0	21.6	108	80	120	mg/kg	SW-846 6010B	P
Nickel	20.0	22.3	111	80	120	mg/kg	SW-846 6010B	P
Selenium	20.0	22.2	111	80	120	mg/kg	SW-846 6010B	P
Silver	20.0	21.8	109	80	120	mg/kg	SW-846 6010B	P
Strontium	20.0	21.8	109	80	120	mg/kg	SW-846 6010B	P
Thallium	20.0	22.0	110	80	120	mg/kg	SW-846 6010B	P
Tin	20.0	21.8	109	80	120	mg/kg	SW-846 6010B	P
Titanium	20.0	21.7	109	80	120	mg/kg	SW-846 6010B	P
Vanadium	20.0	22.0	110	80	120	mg/kg	SW-846 6010B	P
Zinc	20.0	22.3	112	80	120	mg/kg	SW-846 6010B	P

FORM VII - IN

LABORATORY CONTROL SAMPLE

Lab Name: GCAL

Sample ID: LCS393097

Lab Code: LA024 Case No.:

Contract:

Matrix: (soil / water) Water

SAS No.: SDG No.: 206072006

Lab Sample ID: 393097

LCS Source: 334-58-12 INORGANIC VENTURES

Analyte	True	Found	% R	LL	UL	Units	Method	Type
Aluminum	5.00	5.14	103	80	120	mg/L	SW-846 6010B	P
Antimony	0.50	0.52	105	80	120	mg/L	SW-846 6010B	P
Arsenic	0.50	0.48	96	80	120	mg/L	SW-846 6010B	P
Barium	0.50	0.50	101	80	120	mg/L	SW-846 6010B	P
Beryllium	0.50	0.50	100	80	120	mg/L	SW-846 6010B	P
Boron	2.50	2.48	99	80	120	mg/L	SW-846 6010B	P
Cadmium	0.50	0.50	100	80	120	mg/L	SW-846 6010B	P
Chromium	0.50	0.50	100	80	120	mg/L	SW-846 6010B	P
Cobalt	0.50	0.50	100	80	120	mg/L	SW-846 6010B	P
Copper	0.50	0.50	100	80	120	mg/L	SW-846 6010B	P
Iron	5.00	5.36	107	80	120	mg/L	SW-846 6010B	P
Lead	0.50	0.50	100	80	120	mg/L	SW-846 6010B	P
Lithium	0.50	0.50	99	80	120	mg/L	SW-846 6010B	P
Manganese	0.50	0.51	101	80	120	mg/L	SW-846 6010B	P
Molybdenum	0.50	0.50	99	80	120	mg/L	SW-846 6010B	P
Nickel	0.50	0.50	101	80	120	mg/L	SW-846 6010B	P
Selenium	0.50	0.52	104	80	120	mg/L	SW-846 6010B	P
Silver	0.50	0.51	101	80	120	mg/L	SW-846 6010B	P
Strontium	0.50	0.51	101	80	120	mg/L	SW-846 6010B	P
Thallium	0.50	0.51	102	80	120	mg/L	SW-846 6010B	P
Tin	0.50	0.49	98	80	120	mg/L	SW-846 6010B	P
Titanium	0.50	0.50	101	80	120	mg/L	SW-846 6010B	P
Vanadium	0.50	0.49	99	80	120	mg/L	SW-846 6010B	P
Zinc	0.50	0.51	102	80	120	mg/L	SW-846 6010B	P

FORM VII - IN

LABORATORY CONTROL SAMPLE

Lab Name: GCAL

Sample ID: LCS392943

Lab Code: LA024 Case No.:

Contract:

Matrix: (soil / water) Water

SAS No.: SDG No.: 206072006

Lab Sample ID: 392943

LCS Source: 160-43-1 EXAXOL

Analyte	True	Found	% R	LL	UL	Units	Method	Type
Mercury	0.00500	0.00517	103	80	120	mg/L	SW-846 7470A	AV

FORM VII - IN

LABORATORY CONTROL SAMPLE

Lab Name: GCAL

Sample ID: LCS393060

Lab Code: LA024

Case No.:

Contract:

Matrix: (soil / water) Soil

SAS No.:

SDG No.: 206072006

Lab Sample ID: 393060

LCS Source: 160-43-1 EXAXOL

Analyte	True	Found	% R	LL	UL	Units	Method	Type
Mercury	0.25	0.26	104	80	120	mg/kg	SW-846 7471A	AV

FORM VII - IN

SERIAL DILUTIONS

Lab Name: GCAL

Sample ID: 1007G319SNSD

Lab Code: LA024 Case No.

Contract:

Matrix: (soil / water) Water

SAS No.: SDG No.: 206072006

Level: (low / med)

Org Lab Sample ID: 20607196507

Lab Sample ID: 393847

Analyte	LL	UL	Initial Sample Result	C	Serial Dilution Result	C	% Diff.	Q	Units	Method	Type
Aluminum			0	U	0	U			mg/L	SW-846 6010B	P
Antimony			0	U	0	U			mg/L	SW-846 6010B	P
Arsenic			0	U	0	U			mg/L	SW-846 6010B	P
Barium	0	10	0.038		0.038	B	0		mg/L	SW-846 6010B	P
Beryllium			0	U	0	U			mg/L	SW-846 6010B	P
Boron			0.059	B	0.36	B	510		mg/L	SW-846 6010B	P
Cadmium			0	U	0	U			mg/L	SW-846 6010B	P
Chromium			0.0014	B	0	U	100		mg/L	SW-846 6010B	P
Cobalt			0	U	0	U			mg/L	SW-846 6010B	P
Copper			0	U	0	U			mg/L	SW-846 6010B	P
Iron			0.040	B	0	U	100		mg/L	SW-846 6010B	P
Lead			0	U	0	U			mg/L	SW-846 6010B	P
Lithium			0	U	0	U			mg/L	SW-846 6010B	P
Manganese	0	10	0.11		0.11		0		mg/L	SW-846 6010B	P
Molybdenum			0.0025	B	0.010	B	300		mg/L	SW-846 6010B	P
Nickel			0	U	0.0031	B			mg/L	SW-846 6010B	P
Selenium			0	U	0	U			mg/L	SW-846 6010B	P
Silver			0.00070	B	0	U	100		mg/L	SW-846 6010B	P
Strontium			0.044	B	0.043	B	2.3		mg/L	SW-846 6010B	P
Thallium			0.0016	B	0	U	100		mg/L	SW-846 6010B	P
Tin			0	U	0	U			mg/L	SW-846 6010B	P
Titanium			0	U	0	U			mg/L	SW-846 6010B	P
Vanadium			0	U	0	U			mg/L	SW-846 6010B	P
Zinc			0	U	0.023	B			mg/L	SW-846 6010B	P

SERIAL DILUTIONS

Lab Name: GCAL

Sample ID: SF3SB45-090-(1-2)SD

Lab Code: LA024 Case No.

Contract:

Matrix: (soil / water) Soil

SAS No.: SDG No.: 206072006

Level: (low / med)

Org Lab Sample ID: 20607200602

Lab Sample ID: 394165

Analyte	LL	UL	Initial Sample Result	C	Serial Dilution Result	C	% Diff.	Q	Units	Method	Type
Aluminum	0	10	7460		7690		3.1		mg/kg	SW-846 6010B	P
Antimony			0	U	0	U			mg/kg	SW-846 6010B	P
Arsenic	0	10	9.58		17.6		83.7	E	mg/kg	SW-846 6010B	P
Barium	0	10	187		203		8.6		mg/kg	SW-846 6010B	P
Beryllium	0	10	0.46		0.46	B	0		mg/kg	SW-846 6010B	P
Boron			0	U	0	U			mg/kg	SW-846 6010B	P
Cadmium	0	10	2.74		2.93		6.9		mg/kg	SW-846 6010B	P
Chromium	0	10	27.0		29.7		10		mg/kg	SW-846 6010B	P
Cobalt	0	10	5.00		5.29		5.8		mg/kg	SW-846 6010B	P
Copper	0	10	42.6		51.6		21.1	E	mg/kg	SW-846 6010B	P
Iron	0	10	22400		23400		4.5		mg/kg	SW-846 6010B	P
Lead	0	10	107		116		8.4		mg/kg	SW-846 6010B	P
Lithium	0	10	10.3		10.9	B	5.8		mg/kg	SW-846 6010B	P
Manganese	0	10	335		369		10.1	E	mg/kg	SW-846 6010B	P
Molybdenum			0.50	B	0	U	100		mg/kg	SW-846 6010B	P
Nickel	0	10	15.9		18.2		14.5	E	mg/kg	SW-846 6010B	P
Selenium			0	U	0	U			mg/kg	SW-846 6010B	P
Silver			0	U	0	U			mg/kg	SW-846 6010B	P
Strontium	0	10	73.0		73.4		.5		mg/kg	SW-846 6010B	P
Thallium			0	U	0	U			mg/kg	SW-846 6010B	P
Tin			3.20	B	0	U	100		mg/kg	SW-846 6010B	P
Titanium	0	10	24.4		22.8	B	6.6		mg/kg	SW-846 6010B	P
Vanadium	0	10	16.9		18.5		9.5		mg/kg	SW-846 6010B	P

SERIAL DILUTIONS

Lab Name: GCAL

Sample ID: SF3SB45-090-(1-2)SD

Lab Code: LA024 Case No.

Contract:

Matrix: (soil / water) Soil

SAS No.: SDG No.: 206072006

Level: (low / med)

Org Lab Sample ID: 20607200602

Lab Sample ID: 394802

Analyte	LL	UL	Initial Sample Result	C	Serial Dilution Result	C	% Diff.	Q	Units	Method	Type
Zinc	0	10	7650		7790		1.8		mg/kg	SW-846 6010B	P

FORM IX - IN

SERIAL DILUTIONS

Lab Name: GCAL

Sample ID: TMW-3SD

Lab Code: LA024 Case No.

Contract:

Matrix: (soil / water) Water

SAS No.: SDG No.: 206072006

Level: (low / med)

Org Lab Sample ID: 20607212411

Lab Sample ID: 393938

Analyte	LL	UL	Initial Sample Result	C	Serial Dilution Result	C	% Diff.	Q	Units	Method	Type
Mercury			0	U	0	U			mg/L	SW-846 7470A	AV

FORM IX - IN

SERIAL DILUTIONS

Lab Name: GCAL

Sample ID: SF3SB45-090-(1-2)SD

Lab Code: LA024 Case No.

Contract:

Matrix: (soil / water) Soil

SAS No.: SDG No.: 206072006

Level: (low / med)

Org Lab Sample ID: 20607200602

Lab Sample ID: 396036

Analyte	LL	UL	Initial Sample Result	C	Serial Dilution Result	C	% Diff.	Q	Units	Method	Type
Mercury			0.035		0.032	B	8.6		mg/kg	SW-846 7471A	AV

FORM IX - IN

001828

189800

METHOD DETECTION LIMITS

Lab Name: GCAL

Lab Code: LA024

SDG No.: 206072006

Study Date:(P) 09/30/05;03/29/06 (AV) 10/07/05 (F) 10/07/05

Instrument ID:(P)ICP5;ICP6 (AV) FIMS1 (F) PE 4100AA

Analyte	*MDL*	*Units*	*Type*
Aluminium	0.72	mg/kg	P
Antimony	0.19	mg/kg	P
Arsenic	0.16	mg/kg	P
Barium	0.016	mg/kg	P
Beryllium	0.003	mg/kg	P
Boron	0.940	mg/kg	P
Cadmium	0.016	mg/kg	P
Calcium	1.67	mg/kg	P
Chromium	0.041	mg/kg	P
Cobalt	0.022	mg/kg	P
Copper	0.057	mg/kg	P
Iron	0.92	mg/kg	P
Lead	0.065	mg/kg	P
Lithium	0.141	mg/kg	P
Magnesium	0.58	mg/kg	P
Manganese	0.029	mg/kg	P
Mercury	0.0020	mg/kg	AV
Molybdenum	0.062	mg/kg	P
Nickel	0.059	mg/kg	P
Potassium	2.68	mg/kg	P
Selenium	0.42	mg/kg	P
Silicon	1.695	mg/kg	P
Silver	0.047	mg/kg	P
Sodium	1.71	mg/kg	P
Strontium	0.022	mg/kg	P
Thallium	0.077	mg/kg	P
Tin	0.45	mg/kg	P
Titanium	0.013	mg/kg	P
Vanadium	0.014	mg/kg	P
Zinc	0.18	mg/kg	P
Zirconium	0.019	mg/kg	P

FORM X - IN

METHOD DETECTION LIMITS

Lab Name: GCAL

Lab Code: LA024

Study Date:(P) 09/30/05, 3/29/06 (AV)10/07/05

Sample ID:

SDG No.: 206072006

Instrument ID: (P) ICP5;ICP6 (AV) FIMS1

Analyte	*MDL*	*Units*	*Type*
Aluminium	0.0230	mg/L	P
Antimony	0.0025	mg/L	P
Arsenic	0.0030	mg/L	P
Barium	0.0004	mg/L	P
Beryllium	0.0001	mg/L	P
Boron	0.0130	mg/L	P
Cadmium	0.0002	mg/L	P
Calcium	0.0120	mg/L	P
Chromium	0.0009	mg/L	P
Cobalt	0.0005	mg/L	P
Copper	0.0030	mg/L	P
Iron	0.0260	mg/L	P
Lead	0.0012	mg/L	P
Lithium	0.0035	mg/L	P
Magnesium	0.0230	mg/L	P
Manganese	0.0006	mg/L	P
Mercury	0.00005	mg/L	AV
Molybdenum	0.0018	mg/L	P
Nickel	0.0006	mg/L	P
Potassium	0.0300	mg/L	P
Selenium	0.0045	mg/L	P
Silicon	0.0169	mg/L	P
Silver	0.0006	mg/L	P
Sodium	0.0420	mg/L	P
Strontium	0.0009	mg/L	P
Thallium	0.0013	mg/L	P
Tin	0.0062	mg/L	P
Titanium	0.0005	mg/L	P
Vanadium	0.0007	mg/L	P
Zinc	0.0024	mg/L	P
Zirconium	0.0005	mg/L	P

IEC File Name: 2060720 IEC

IEC File Last Saved: 7/22/2006 8:51:04 AM
Printed On: 7/22/2006 8:51:24 AM

Results Data Set Name: 2060720 IEC-LR
Method Name: ICP5Combine
Results Library: C:\pe\localbox\Results\Results.md

Interfering Analytes

	Analytes	Aluminum,7429-90-5	Calcium,7440-70-2	Chromium,7440-47-3	Copper,7440-50-8
1	**Aluminum,7429-90-5**	n/a	0.00548345	0.0140402	0.467958
2	**Antimony,7440-36-0**	-0.0297873	-0.00942748	-20.3883	0.294378
5	**Arsenic,7440-38-2**	-0.0822485	0.0290038	1.32011	0.0423213
6	**Barium,7440-39-3**	0	-0.00181527	0.0228916	0.125634
7	**Beryllium,7440-41-7**	0	-0.00101549	-0.0537058	0.275995
8	**Boron,7440-42-8**	0.00233615	-0.00839843	-0.324097	-0.0768389
9	**Cadmium,7440-43-9**	-0.00423295	0.0014263	0.163994	0.717545
10	**Calcium,7440-70-2**	-0.0293574	n/a	-4.00445	-0.528509
11	**Chromium,7440-47-3**	-0.00998739	0	n/a	0.123742
12	**Cobalt,7440-48-4**	0	0	0.123796	1.48597
13	**Copper,7440-50-8**	-0.00789302	0.0019953	-1.79522	n/a
14	**Iron,7439-89-6**	-0.0073241	0.0202345	-0.0480133	-0.24558
15	**Lead,7439-92-1**	0.0158444	-0.00505065	0.0149569	0.320734
16	**Lithium,7439-93-2**	0	0.0015937	0.0345935	0.0349258
17	**Magnesium,7439-95-4**	0	-0.0242654	-0.0185253	0.249568
18	**Manganese,7439-96-5**	-0.00270973	0	-0.0393801	-0.0236875
19	**Molybdenum,7439-98-7**	0.0148834	0	-0.00938084	0.103216
20	**Nickel,7440-02-0**	-0.00192353	0.00119157	-0.0155137	0.0396643
21	**Potassium,7440-09-7**	0.0751794	0.128741	0.898311	0.551484
23	**Selenium,7782-49-2**	-0.185178	0.00953592	-0.0673573	0.0171444
24	**Silicon,7440-21-3**	-0.00406269	-0.00326303	-0.00784685	0.1916
25	**Silver,7440-22-4**	0	0	0.0195184	0.0160752
26	**Sodium,7440-23-5**	0.318245	0.305412	5.84133	5.58478
27	**Strontium,7440-24-6**	0	-0.00143962	-0.00346336	0.0112508
28	**Thallium,7440-28-0**	-0.0064642	0.00198799	-0.00297433	0.0412154
29	**Tin,7440-31-5**	0.0318583	-0.0126201	0.00312424	0.0320475
30	**Titanium,7440-32-6**	0	0	0.00403708	0.0374534
31	**Vanadium,7440-62-2**	0	0	-0.176039	0.0890597
34	**Zinc,7440-66-6**	-0.00207533	-0.00748571	0	1.37483
35	**Zirconium,7440-67-7**	0	0	0.0531474	0.0682073

IEC File Name: 2060720 IEC

IEC File Last Saved: 7/22/2006 8:51:04 AM
Printed On: 7/22/2006 8:51:24 AM

Results Data Set Name: 2060720 IEC-LR
Method Name: ICP5Combine
Results Library: C:\pe\localbox\Results\Results.md

Interfering Analytes

	Analytes	Iron,7439-89-6	Magnesium,7439-95-4	Manganese,7439-96-5	Nickel,7440-02-0
1	**Aluminum,7429-90-5**	0.0348637	0.00256935	-0.865306	0.146562
2	**Antimony,7440-36-0**	-0.00279044	-0.00674428	-0.0347678	-1.32883
5	**Arsenic,7440-38-2**	-0.220477	0	0.109655	0.0569313
6	**Barium,7440-39-3**	0.0015152	0	-0.0289949	-0.0477877
7	**Beryllium,7440-41-7**	0.00187636	0	-0.0275918	-0.00678599
8	**Boron,7440-42-8**	0.907819	-0.00616364	-0.948121	-0.28199
9	**Cadmium,7440-43-9**	0.00977907	0.00237081	0.109541	0.111803
10	**Calcium,7440-70-2**	-0.225036	-0.0797314	-1.37985	-1.10176
11	**Chromium,7440-47-3**	0.254364	-0.0244732	-0.5741	-0.0181133
12	**Cobalt,7440-48-4**	0.00266732	0.00180423	-0.00534447	-0.00593406
13	**Copper,7440-50-8**	-0.00505201	0.0145394	-0.46046	-0.208905
14	**Iron,7439-89-6**	**n/a**	0.0562546	-1.38811	-0.468307
15	**Lead,7439-92-1**	-0.22113	0	-0.00775782	0.0676198
16	**Lithium,7439-93-2**	0.0045427	0.00616615	0.0800647	0.0413484
17	**Magnesium,7439-95-4**	0.297862	**n/a**	-1.83706	-0.308836
18	**Manganese,7439-96-5**	0.00134066	0.00469144	**n/a**	-0.252357
19	**Molybdenum,7439-98-7**	-0.00810639	0.00148966	-0.159947	-0.0253
20	**Nickel,7440-02-0**	0.00543358	0	0.0762634	**n/a**
21	**Potassium,7440-09-7**	0.0790244	0.202826	1.52634	0.791086
23	**Selenium,7782-49-2**	-0.24972	0.00395101	-0.246144	0.0915507
24	**Silicon,7440-21-3**	-0.0498743	0.0303544	0.350302	0.398626
25	**Silver,7440-22-4**	-0.0718448	0	0.045833	0.043046
26	**Sodium,7440-23-5**	0.707751	0.553244	16.773	10.9288
27	**Strontium,7440-24-6**	0	0	-0.0167411	-0.00823079
28	**Thallium,7440-28-0**	-0.0215424	-0.0263237	0.426537	-0.160947
29	**Tin,7440-31-5**	0.0109481	-0.00193087	-0.0679598	-0.00482632
30	**Titanium,7440-32-6**	0.00124312	0	-0.00240006	0.00433724
31	**Vanadium,7440-62-2**	-0.00200416	0.00106528	0.0693232	0.0545458
34	**Zinc,7440-66-6**	-0.0135579	-0.00109496	-0.106017	-1.20605
35	**Zirconium,7440-67-7**	0.0161767	0	-0.00343073	0.0135803

001832

189804

IEC File Last Saved: 7/22/2006 8:51:04 AM
Printed On: 7/22/2006 8:51:24 AM

Results Data Set Name: 2060720 IEC-LR
Method Name: ICP5Combine
Results Library: C:\pe\localbox\Results\Results.md

Interfering Analytes

	Analytes	Titanium,7440-32-6	Vanadium,7440-62-2
1	Aluminum,7429-90-5	-0.913192	-7.27364
2	Antimony,7440-36-0	-0.987617	4.24828
5	Arsenic,7440-38-2	0.0857296	1.39838
6	Barium,7440-39-3	-0.0350341	1.46432
7	Beryllium,7440-41-7	0.608807	0.0174187
8	Boron,7440-42-8	-0.811576	0.293467
9	Cadmium,7440-43-9	0.0370052	0.00589941
10	Calcium,7440-70-2	-1.3399	-0.199049
11	Chromium,7440-47-3	-0.0159225	-0.198548
12	Cobalt,7440-48-4	-0.0147297	-0.00417886
13	Copper,7440-50-8	-0.167661	-0.0581305
14	Iron,7439-89-6	-0.665633	-0.0663697
15	Lead,7439-92-1	0.280003	0.0283104
16	Lithium,7439-93-2	0.0968304	0.0372762
17	Magnesium,7439-95-4	-0.150121	0.0492173
18	Manganese,7439-96-5	-0.174652	0.206402
19	Molybdenum,7439-98-7	-0.0850585	-0.039384
20	Nickel,7440-02-0	-0.475461	-0.0763281
21	Potassium,7440-09-7	2.79419	0.325933
23	Selenium,7782-49-2	-0.0793552	0.0784027
24	Silicon,7440-21-3	0	0.269513
25	Silver,7440-22-4	0.0934659	8.26452
26	Sodium,7440-23-5	14.6291	5.58007
27	Strontium,7440-24-6	-0.00573823	-0.00122225
28	Thallium,7440-28-0	-6.90494	-0.62397
29	Tin,7440-31-5	-0.411274	-0.0212385
30	Titanium,7440-32-6	n/a	-0.0499603
31	Vanadium,7440-62-2	0.136598	n/a
34	Zinc,7440-66-6	0.284867	-2.5288
35	Zirconium,7440-67-7	-2.29187	0.0216368

001833

189805

IEC File Name: Untitled

IEC File Last Saved: 3/29/2006 2:50:51 PM
Printed On: 3/29/2006 2:50:51 PM

Results Data Set Name: 2060329 IEC
Method Name: ICP
Results Library: C:\pe\met\Results\Results.md

Interfering Analytes

	Analytes	Aluminum,7429-90-5	Calcium,7440-70-2	Chromium,7440-47-3	Copper,7440-50-8
	Aluminum,7429-90-5	**n/a**	0.0123308	0.0134981	0.127794
2	**Antimony,7440-36-0**	-0.0204557	-0.00251079	1.76334	-0.012085
5	**Arsenic,7440-38-2**	-0.143701	0.00216482	0.331533	-0.0334821
6	**Barium,7440-39-3**	0.00120626	0.00205679	0.0110499	0.0106558
7	**Beryllium,7440-41-7**	0	0	0	0.0215647
8	**Boron,7440-42-8**	0.0319194	0.00808138	0.604272	0.0922982
9	**Cadmium,7440-43-9**	-0.00362198	0.00024292	0.0129709	0.0314426
10	**Calcium,7440-70-2**	0.0886183	**n/a**	-1.43983	0.409011
11	**Chromium,7440-47-3**	0.133832	0	**n/a**	0.0329311
12	**Cobalt,7440-48-4**	0.00676037	0	0.16936	0.0331008
13	**Copper,7440-50-8**	0	-0.00716585	-0.260146	**n/a**
14	**Iron,7439-89-6**	0.0791171	-0.00567582	0.136325	-0.0476223
15	**Lead,7439-92-1**	-0.0920686	-0.00819015	-0.211171	1.88803
16	**Lithium,7439-93-2**	0	0	-0.00740478	-0.00443044
17	**Magnesium,7439-95-4**	0.0137443	-0.0149077	0.055759	-0.106196
18	**Manganese,7439-96-5**	0.00135592	-0.00277543	-0.021335	-0.0319439
19	**Molybdenum,7439-98-7**	-0.00311178	0.00302317	0.0634645	0.00325547
20	**Nickel,7440-02-0**	0.00414653	0	-0.00409498	0
21	**Potassium,7440-09-7**	-0.00360616	0.143052	1.88501	2.27907
23	**Selenium,7782-49-2**	0.0133439	-0.0189871	-0.00737413	-0.0472364
24	**Silicon,7440-21-3**	0.0104505	0.00103308	-0.0156638	0.0311883
25	**Silver,7440-22-4**	0.0010283	0.00100468	0.0142573	0.0923164
26	**Sodium,7440-23-5**	0.161143	0.00193086	0.400192	0.08656
27	**Strontium,7440-24-6**	0	0.0201778	0.00591594	0.00518558
28	**Thallium,7440-28-0**	-0.0066932	0.00256899	0.172347	0.0329321
	Tin,7440-31-5	0.01872	-0.0251252	-0.0713659	-0.0423653
30	**Titanium,7440-32-6**	0	0	0.00346787	0.00677836
31	**Vanadium,7440-62-2**	-0.00152485	-0.0010204	0.00288791	-0.0167389
34	**Zinc,7440-66-6**	0.00284377	0.0183291	0.396971	1.29517
35	**Zirconium,7440-67-7**	0	-0.00810189	-0.0342691	0.00352669

001834

189806

IEC File Name: Untitled

IEC File Last Saved: 3/29/2006 2:50:51 PM
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Results Data Set Name: 2060329 IEC
Method Name: ICP
Results Library: C:\pe\met\Results\Results.md

Interfering Analytes

	Analytes	Iron,7439-89-6	Magnesium,7439-95-4	Manganese,7439-96-5	Nickel,7440-02-0
	Aluminum,7429-90-5	-0.012566	0.00421436	1.01317	0.171326
2	**Antimony,7440-36-0**	0.0415014	0	0.00316625	-0.0345877
5	**Arsenic,7440-38-2**	-0.184252	0.0167986	-0.0896271	0.0147684
6	**Barium,7440-39-3**	0.0266476	0.00129674	0.0354008	0.0801798
7	**Beryllium,7440-41-7**	-0.00260461	0	0.0997934	0.0128102
8	**Boron,7440-42-8**	-0.72917	0.019737	0.191509	0.0771236
9	**Cadmium,7440-43-9**	0.0455069	0	0.0383372	0.0446128
10	**Calcium,7440-70-2**	0.0134883	0.199012	1.63083	0.841557
11	**Chromium,7440-47-3**	-0.00337423	0.0530803	0.2707	0.021935
12	**Cobalt,7440-48-4**	0.0202631	0	0.0165192	0.214867
13	**Copper,7440-50-8**	-0.0631912	0.00746372	0.494984	0.330251
14	**Iron,7439-89-6**	**n/a**	-0.0799823	-0.319212	-0.275711
15	**Lead,7439-92-1**	0.013658	0.00146183	0.122853	0.21899
16	**Lithium,7439-93-2**	-0.0035988	-0.00402614	-0.0480923	-0.0234478
17	**Magnesium,7439-95-4**	-0.709027	**n/a**	1.90232	-0.29235
18	**Manganese,7439-96-5**	0.00449785	-0.00960538	**n/a**	0.441293
19	**Molybdenum,7439-98-7**	-0.00868101	0	-0.0793559	-0.00258496
20	**Nickel,7440-02-0**	0.00830899	-0.000540748	0.128012	**n/a**
21	**Potassium,7440-09-7**	0.173794	0.267696	1.69637	0.854984
23	**Selenium,7782-49-2**	-0.622758	0.0094916	1.07998	0.0167388
24	**Silicon,7440-21-3**	-0.0909431	0.261636	0.176715	0.0490619
25	**Silver,7440-22-4**	-0.213177	0	0.132355	-0.0473103
26	**Sodium,7440-23-5**	-0.0716131	0.0154946	0.116336	-0.044575
27	**Strontium,7440-24-6**	0.00142855	0	0.00424833	0.0045275
28	**Thallium,7440-28-0**	0.0141249	0.00708253	-2.75299	0.0680736
7	**Tin,7440-31-5**	0.0213734	-0.0156739	-0.166139	-0.10342
30	**Titanium,7440-32-6**	0.00228034	-0.000307449	0.0200502	0.00656746
31	**Vanadium,7440-62-2**	0.0754292	-0.0246588	0.00710775	-0.0229141
34	**Zinc,7440-66-6**	0.102354	0.0290111	0.646518	6.42934
35	**Zirconium,7440-67-7**	0.00350387	-0.000200724	0.106235	-0.00620961

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189807

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Printed On: 3/29/2006 2:50:51 PM

Results Data Set Name: 2060329 IEC
Method Name: ICP
Results Library: C:\pe\met\Results\Results.md

	Analytes	Interfering Analytes Titanium,7440-32-6	Vanadium,7440-62-2
1	**Aluminum,7429-90-5**	1.3065	-17.8011
2	**Antimony,7440-36-0**	0.0780827	0.0367952
5	**Arsenic,7440-38-2**	-0.0478749	-2.3834
6	**Barium,7440-39-3**	0.00804636	0.660567
7	**Beryllium,7440-41-7**	0.249735	0.0324753
8	**Boron,7440-42-8**	0.296862	-0.784923
9	**Cadmium,7440-43-9**	0.00406456	-0.00996603
10	**Calcium,7440-70-2**	0.420508	-0.0795221
11	**Chromium,7440-47-3**	0.0612212	-1.33268
12	**Cobalt,7440-48-4**	2.07383	0.0066009
13	**Copper,7440-50-8**	0.312487	0.02792
14	**Iron,7439-89-6**	-0.546182	0.162456
15	**Lead,7439-92-1**	-0.0166799	-0.036804
16	**Lithium,7439-93-2**	-0.0250156	-0.00869345
17	**Magnesium,7439-95-4**	-2.86238	0.196711
18	**Manganese,7439-96-5**	0.0722091	-0.17741
19	**Molybdenum,7439-98-7**	0.0134459	0.110785
20	**Nickel,7440-02-0**	0.264492	0.0341466
21	**Potassium,7440-09-7**	4.27204	0.228776
23	**Selenium,7782-49-2**	0.0269116	-2.02701
24	**Silicon,7440-21-3**	0	0.373856
25	**Silver,7440-22-4**	-0.112919	-0.933985
26	**Sodium,7440-23-5**	-1.83783	-0.363948
27	**Strontium,7440-24-6**	0.00710799	0.00328738
28	**Thallium,7440-28-0**	-5.53189	-3.95685
29	**Tin,7440-31-5**	0.252436	-0.024349
30	**Titanium,7440-32-6**	n/a	0.036677
31	**Vanadium,7440-62-2**	-0.0795672	n/a
34	**Zinc,7440-66-6**	0.0334525	0.0464484
35	**Zirconium,7440-67-7**	0.178183	-0.0101357

001836

189808

ICP LINEAR RANGES

Lab Name: GCAL

Sample ID:

Lab Code: LA024

SDG No.: 206072006

Study Date: 07/20/06

Instrument ID: ICP5

Analyte	Concentration	% Recovery	Units	Type
Aluminum	60000	99	mg/kg	P
Antimony	1200	99	mg/kg	P
Arsenic	1000	95	mg/kg	P
Barium	1000	100	mg/kg	P
Beryllium	200	100	mg/kg	P
Boron	2000	96	mg/kg	P
Cadmium	600	101	mg/kg	P
Calcium	80000	100	mg/kg	P
Chromium	4000	103	mg/kg	P
Cobalt	6000	103	mg/kg	P
Copper	4000	104	mg/kg	P
Iron	32000	104	mg/kg	P
Lead	20000	102	mg/kg	P
Lithium	800	93	mg/kg	P
Magnesium	36000	95	mg/kg	P
Manganese	1400	99	mg/kg	P
Molybdenum	3200	93	mg/kg	P
Nickel	2400	105	mg/kg	P
Potassium	6000	101	mg/kg	P
Selenium	600	98	mg/kg	P
Silver	400	95	mg/kg	P
Sodium	24000	97	mg/kg	P
Thallium	800	103	mg/kg	P
Tin	2000	96	mg/kg	P
Titanium	1600	98	mg/kg	P
Vanadium	4000	97	mg/kg	P
Zinc	600	96	mg/kg	P

ICP LINEAR RANGES

Lab Name: GCAL

Sample ID:

Lab Code: LA024

SDG No.: 206072006

Study Date: 03/27/06

Instrument ID: ICP6

Analyte	Concentration	% Recovery	Units	Type
Aluminum	1500	98	mg/L	P
Antimony	40	97	mg/L	P
Arsenic	25	102	mg/L	P
Barium	25	103	mg/L	P
Beryllium	5	97	mg/L	P
Boron	50	96	mg/L	P
Cadmium	25	101	mg/L	P
Calcium	2000	103	mg/L	P
Chromium	120	98	mg/L	P
Cobalt	150	105	mg/L	P
Copper	100	96	mg/L	P
Iron	800	105	mg/L	P
Lead	500	96	mg/L	P
Lithium	20	95	mg/L	P
Magnesium	750	101	mg/L	P
Manganese	35	97	mg/L	P
Molybdenum	100	90	mg/L	P
Nickel	50	96	mg/L	P
Potassium	150	98	mg/L	P
Selenium	15	98	mg/L	P
Silver	20	97	mg/L	P
Sodium	500	95	mg/L	P
Thallium	20	98	mg/L	P
Tin	50	100	mg/L	P
Titanium	40	99	mg/L	P
Vanadium	100	96	mg/L	P
Zinc	20	97	mg/L	P

PREPARATION LOG

Lab Name: GCAL Sample ID:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Method: SW-846 6010B Method Type: P

EPA Sample No.	Preparation Date	Weight	Units	Volume	Units
LCS392846	07/23/06	1.25	g	50	mL
MB392845	07/23/06	1.25	g	50	mL
SE3SB39-077-(0-0.5)	07/23/06	1.25	g	50	mL
SE3SB39-078-(1-2)	07/23/06	1.26	g	50	mL
SF3SB45-089-(0-0.5)	07/23/06	1.26	g	50	mL
SF3SB45-090-(1-2)	07/23/06	1.25	g	50	mL
SF3SB45-090-(1-2)MS	07/23/06	1.25	g	50	mL
SF3SB45-090-(1-2)MSD	07/23/06	1.25	g	50	mL
SF4SB46-091-(0-0.5)	07/23/06	1.26	g	50	mL
SF4SB46-092-(1-2)	07/23/06	1.26	g	50	mL
SG4SB56-111-(0-0.5)	07/23/06	1.25	g	50	mL
SG4SB56-112-(1-2)	07/23/06	1.25	g	50	mL
SH4SB64-127-(0-0.5)	07/23/06	1.25	g	50	mL
SH4SB64-128-(1-2)	07/23/06	1.25	g	50	mL
SH5SB66-131-(0-0.5)	07/23/06	1.26	g	50	mL
SH5SB66-132-(1-2)	07/23/06	1.25	g	50	mL
SI5SB74-147-(0-0.5)	07/23/06	1.26	g	50	mL
SI5SB74-148-(1-2)	07/23/06	1.26	g	50	mL

PREPARATION LOG

Lab Name: GCAL Sample ID:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Method: SW-846 6010B Method Type: P

EPA Sample No.	Preparation Date	Weight	Units	Volume	Units
1007G319SX MS	07/24/06			50	mL
1007G319SX MSD	07/24/06			50	mL
FB-503	07/24/06			50	mL
LCS393097	07/24/06			50	mL
MB393096	07/24/06			50	mL

PREPARATION LOG

Lab Name: GCAL Sample ID:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Method: SW-846 7471A Method Type: AV

EPA Sample No.	Preparation Date	Weight	Units	Volume	Units
LCS393060	07/31/06	0.6	g	30	mL
MB393059	07/31/06	0.6	g	30	mL
SE3SB39-077-(0-0.5)	07/31/06	0.6	g	30	mL
SE3SB39-078-(1-2)	07/31/06	0.6	g	30	mL
SF3SB45-089-(0-0.5)	07/31/06	0.6	g	30	mL
SF3SB45-090-(1-2)	07/31/06	0.6	g	30	mL
SF3SB45-090-(1-2)MS	07/31/06	0.6	g	30	mL
SF3SB45-090-(1-2)MSD	07/31/06	0.6	g	30	mL
SF4SB46-091-(0-0.5)	07/31/06	0.6	g	30	mL
SF4SB46-092-(1-2)	07/31/06	0.6	g	30	mL
SG4SB56-111-(0-0.5)	07/31/06	0.61	g	30	mL
SG4SB56-112-(1-2)	07/31/06	0.61	g	30	mL
SH4SB64-127-(0-0.5)	07/31/06	0.61	g	30	mL
SH4SB64-128-(1-2)	07/31/06	0.6	g	30	mL
SH5SB66-131-(0-0.5)	07/31/06	0.61	g	30	mL
SH5SB66-132-(1-2)	07/31/06	0.6	g	30	mL
SI5SB74-147-(0-0.5)	07/31/06	0.61	g	30	mL
SI5SB74-148-(1-2)	07/31/06	0.61	g	30	mL

PREPARATION LOG

Lab Name: GCAL Sample ID:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Method: SW-846 7470A Method Type: AV

EPA Sample No.	Preparation Date	Weight	Units	Volume	Units
FB-503	07/24/06			20	mL
LCS392943	07/24/06			20	mL
MB392942	07/24/06			20	mL
TMW-3MS	07/24/06			20	mL
TMW-3MSD	07/24/06			20	mL

FORM XIII - IN

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/25/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/25/06

Instrument ID Number: ICP6 Method: SW-846 6010B Method Type: P

Sample No.	PF	D/F	Time	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
				Analyte Symbols																														
ICV	*	1	0936	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ICV2	*	1	0942																															
ICB	*	1	0949	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CRDL	*	1	0956	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CRDL2	*	1	1004		X			X	X	X		X	X	X	X	X			X		X	X		X		X			X	X		X	X	
ICSA	*	1	1025	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ICSAB	*	1	1031	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCV	*	1	1039	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1045	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
MB393096	*	1	1052	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
LCS393097	*	1	1059	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1105																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ	*	1	1112												X																			
ZZZZZZZZZZZZZZZZZZZZZZZZZZ	*	1	1118												X																			
ZZZZZZZZZZZZZZZZZZZZZZZZZZ	*	1	1125	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ	*	5	1132	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1139																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1145																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1152																															
CCV	*	1	1159	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1205	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1226																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1232																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1239																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1245																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1252																															
HIGH LEVEL CHECK STANDARD	*	1	1259																															

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FORM XIV - IN

189815

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/25/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/25/06

Instrument ID Number: ICP6 Method: SW-846 6010B Method Type: P

Sample No.	PF	D/F	Time	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
				Analyte Symbols																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1306																															
FB-503	*	1	1313	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCV	*	1	1319	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1326	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1333																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1339																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1346																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1353																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1359																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1405																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1416																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1422																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1428																															
CCV	*	1	1434	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1441	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1448																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1454																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1500																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1506																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1511																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1517																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1524																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1530																															
CCV	*	1	1549	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1556	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		2	1602																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		2	1608																															

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/25/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/25/06

Instrument ID Number: ICP6 Method: SW-846 6010B Method Type: P

Sample No.	PF	D/F	Time	Analyte Symbols																													
				Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		2	1614																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1620																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		2	1626																														
CCV	*	1	1708	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1714	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1721																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1728																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1735																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1740																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1746																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1752																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1758																														
CCV	*	1	1825	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1831	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1838																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1844																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1849																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1855																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1901																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1907																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1913																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1919																														
CCV	*	1	1938	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1945	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	

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FORM XIV - IN

189817

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/26/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/26/06

Instrument ID Number: ICP5 Method: SW-846 6010B Method Type: P

Sample No.	PF	D/F	Time	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
				Analyte Symbols																														
ICV	*	1	1100	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ICV2	*	1	1107																															
ICB	*	1	1114	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CRDL	*	1	1121	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CRDL2	*	1	1133		X			X	X	X						X					X	X		X		X				X		X	X	
ICSA	*	1	1140	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ICSAB	*	1	1151	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCV	*	1	1159	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1206	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1217																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		25	1224																															
MB392845	*	1	1231	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
LCS392846	*	1	1238	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SF3SB45-090-(1-2)	*	1	1246	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X		
SF3SB45-090-(1-2)MS	*	1	1252	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X		
SF3SB45-090-(1-2)MSD	*	1	1258	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X		
SF3SB45-090-(1-2)PDS	*	1	1305	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X		
SF3SB45-090-(1-2)SD	*	5	1311	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X		
SF3SB45-089-(0-0.5)	*	1	1318	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCV	*	1	1325	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1332	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SI5SB74-147-(0-0.5)	*	2	1339	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SI5SB74-148-(1-2)	*	1	1347	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SH4SB64-128-(1-2)	*	1	1354	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SH4SB64-127-(0-0.5)	*	1	1401	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X		
SF4SB46-091-(0-0.5)	*	1	1407	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SF4SB46-092-(1-2)	*	1	1414	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	

FORM XIV - IN

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189818

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/26/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/26/06

Instrument ID Number: ICP5 Method: SW-846 6010B Method Type: P

Sample No.	PF	D/F	Time	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
				Analyte Symbols																														
SG4SB56-112-(1-2)	*	1	1420	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SG4SB56-111-(0-0.5)	*	1	1427	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SE3SB39-077-(0-0.5)	*	1	1433	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X		
SE3SB39-078-(1-2)	*	1	1440	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCV	*	1	1453	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1509	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SH5SB66-131-(0-0.5)	*	1	1517	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X		
SH5SB66-132-(1-2)	*	1	1523	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
SF3SB45-090-(1-2)	*	10	1530																														X	
SF3SB45-090-(1-2)MS	*	10	1537																														X	
SF3SB45-090-(1-2)MSD	*	10	1544																														X	
SF3SB45-090-(1-2)PDS	*	10	1552																														X	
SF3SB45-090-(1-2)SD	*	50	1559																														X	
SH4SB64-127-(0-0.5)	*	2	1606																														X	
SE3SB39-077-(0-0.5)	*	2	1613																														X	
SH5SB66-131-(0-0.5)	*	2	1620																														X	
CCV	*	1	1627	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1635	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1649																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1656																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1703																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1710																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1717																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1724																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1731																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1739																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1746																															

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FORM XIV - IN

189819

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/26/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/26/06

Instrument ID Number: ICP5 Method: SW-846 6010B Method Type: P

				Analyte Symbols																													
Sample No.	**PF**	**D/F**	**Time**	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1753																														
CCV	*	1	1800	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1807	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCV	*	1	1924	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	1931	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCV	*	1	2049	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	2057	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	2104																														
CCV	*	1	2132	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB	*	1	2140	X	X	X	X	X	X	X		X	X	X	X	X	X		X		X	X		X		X		X	X	X	X	X	X	

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FORM XIV - IN

189820

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/26/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/26/06

Instrument ID Number: FIMS1 Method: SW-846 7470A Method Type: AV

Sample No.	PF	D/F	Time	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
				Analyte Symbols																														
ICV	*	1	1831																	X														
ICB	*	1	1832																	X														
CCV	*	1	1834																	X														
CCB	*	1	1836																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1837																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1839																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1840																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1842																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1844																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1845																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1847																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1848																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1850																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1852																															
CCV	*	1	1853																	X														
CCB	*	1	1855																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1857																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1858																															
MB392942	*	1	1900																	X														
LCS392943	*	1	1904																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1906																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ	*	1	1907																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ	*	1	1909																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ	*	5	1910																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1912																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1914																															
CCV	*	1	1915																	X														

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FORM XIV - IN

189821

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/26/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/26/06

Instrument ID Number: FIMS1 Method: SW-846 7470A Method Type: AV

				Analyte Symbols																													
Sample No.	PF	D/F	Time	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
CCB	*	1	1917																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1920																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1922																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1923																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1925																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1927																														
FB-503	*	1	1928																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1930																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1932																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1933																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1935																														
CCV	*	1	1937																	X														
CCB	*	1	1938																	X														

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FORM XIV - IN

189822

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/31/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/31/06

Instrument ID Number: FIMS1 Method: SW-846 7471A Method Type: AV

Sample No.	PF	D/F	Time	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
				Analyte Symbols																														
ICV	*	1	1655																	X														
ICB	*	1	1657																	X														
CCV	*	1	1659																	X														
CCB	*	1	1700																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1702																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1703																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1705																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1707																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1708																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1710																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1711																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1713																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1715																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1716																															
CCV	*	1	1718																	X														
CCB	*	1	1720																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1721																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1723																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1725																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1726																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1728																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1730																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1731																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1733																															
MB393059	*	1	1735																	X														
LCS393060	*	1	1736																	X														
CCV	*	1	1738																	X														

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FORM XIV - IN

189823

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 07/31/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 07/31/06

Instrument ID Number: FIMS1 Method: SW-846 7471A Method Type: AV

				Analyte Symbols																														
Sample No.	**PF**	**D/F**	**Time**	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
CCB	*	1	1739																	X														
SF3SB45-090-(1-2)	*	1	1741																	X														
SF3SB45-090-(1-2)MS	*	1	1743																	X														
SF3SB45-090-(1-2)MSD	*	1	1744																	X														
SF3SB45-090-(1-2)SD	*	5	1746																	X														
SF3SB45-089-(0-0.5)	*	1	1748																	X														
SI5SB74-147-(0-0.5)	*	1	1749																	X														
SI5SB74-148-(1-2)	*	1	1751																	X														
SH4SB64-128-(1-2)	*	1	1752																	X														
SH4SB64-127-(0-0.5)	*	1	1754																	X														
SF4SB46-091-(0-0.5)	*	1	1756																	X														
CCV	*	1	1758																	X														
CCB	*	1	1759																	X														
SG4SB56-112-(1-2)	*	1	1803																	X														
SG4SB56-111-(0-0.5)	*	1	1804																	X														
SE3SB39-077-(0-0.5)	*	1	1806																	X														
SE3SB39-078-(1-2)	*	1	1807																	X														
SH5SB66-131-(0-0.5)	*	1	1809																	X														
CCV	*	1	1817																	X														
CCB	*	1	1819																	X														

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FORM XIV - IN

189824

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 08/01/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 08/01/06

Instrument ID Number: FIMS1 Method: SW-846 7471A Method Type: AV

Sample No.	PF	D/F	Time	Analyte Symbols																													
				Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
ICV	*	1	1412																	X														
ICB	*	1	1413																	X														
CCV	*	1	1415																	X														
CCB	*	1	1417																	X														
SF4SB46-092-(1-2)	*	1	1418																	X														
SH5SB66-132-(1-2)	*	1	1420																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1421																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1423																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1425																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1426																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1428																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1430																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1431																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1433																															
CCV	*	1	1434																	X														
CCB	*	1	1436																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1438																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1439																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		5	1443																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1444																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1446																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1448																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1449																															
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1453																															
CCV	*	1	1454																	X														
CCB	*	1	1456																	X														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1457																															

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189825

ANALYSIS RUN LOG

Lab Name: GCAL Contract: Start Date: 08/01/06

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006 End Date: 08/01/06

Instrument ID Number: FIMS1 Method: SW-846 7471A Method Type: AV

				Analyte Symbols																													
Sample No.	**PF**	**D/F**	**Time**	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Li	Mg	Mn	Hg	Mo	Ni	K	Se	Si	Ag	Na	Sr	Tl	Sn	Ti	V	Zn	Zr
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1459																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1501																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1502																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1504																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1506																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1507																														
ZZZZZZZZZZZZZZZZZZZZZZZZZZ		1	1509																														
CCV	*	1	1511																	X													
CCB	*	1	1512																	X													

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FORM XIV - IN

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ICP ANALYSIS

ICP6

AS#	SAMPLE ID	
1	CALIBRATION BLANK	
2	STANDARD 1	160-48-5
11	ICV-1600	160-48-6
12	ICV2-1601	160-49-1
4	ICB-1700	
3	CRDL-2300	160-49-3
4	CRDL-2301 F:Ti	160-48-4
5	ICSA-2000 F:Si	160-43-11
6	ICSAB-2100	160-48-2
7	CCV-1800 F:Si	
7	CCB-1900 F:Si,Zr	

			Dilution
17	393096	MB for HBN 328542 W	
18	393097	LCS for HBN 328542 W	
19	--- 4328 ---	20607196507	
20		20607196508 MS	
21		20607196509 MSD	
22	393846	20607196507 PDS	
23	393847	20607196507 SD	5 X
24		20607212411	
25		20607212412	
26		20607212413	
8	CCV-1800 F:Si		
7	CCB-1900 F:Si		
27	392155 Zn	~~MB for HBN 328363 S~~	
28	392168 Zn	~~MB for HBN 328368 S~~	
29		20607212011 EQBLK	
30		20607196505 FLDBLK	
31		20607196506 FLDDUP	
32		20607202401	
33		20607202402	
34	160-49-2	High level chk std	
35		20607210907 EQBLK	
36		20607200622 FLDBLK	
8	CCV-1800 F:Si		
7	CCB-1900 F:Si		
37		20607201919 FLDBLK	
38		20607210722 FLDBLK	
39		20607191419 Zn	5 X
40		20607202102	
41		20607202103	
42		20607202104	
43		~~20607202105~~	Hold 2X
44		20607202109	
45		20607202110	
46		20607202113	

ANALYST	CNB
DATE	07/25/2006
TIME	09:11

AS#	SAMPLE ID		Dilution
5	CCV-1800 F:Si		
7	CCB-1900 F:Si,Ca		
47		20607202114	
48		20607202115	
49		20607202116	
50		20607202117	
51		20607202118	
52		20607202119	
53		20607202120	
54		20607202121	
55		---	
56		---	
5	CCV-1800 F:Si		
7	CCB-1900 F:Si		
57		20607202106	2 X
58		20607202107	2 X
59		20607202108	2 X
60		20607202111	5 X
61		20607202105	2 X
62		---	
63		---	
64		---	
65		---	
66		---	
5	CCV-1800 F:Si		
7	CCB-1900 F:Si		
67	393048	MB for HBN 328528 S	
68	393049	LCS for HBN 328528 S	
69	--- 4482 ---	20607210720	
70	393050	20607210720 MS	
71	393051	20607210720 MSD	
72	394094	20607210720 PDS	
73	394095	20607210720 SD	5 X
74		---	
75		---	
76		---	
5	CCV-1800 F:K,Si,Na		
7	CCB-1900 F:Si		

ANALYST QC REV: km

SECONDARY REV: MAP

QC CONTROL LIMITS:
ICV (200.7) 95-105%
ICV (6010B) 90-110%
ICSAB 80-120%
CCV 90-110%

COMMENTS: 3786, 328716

QC: all acceptable qc noted with a checkmark; failures as indicated.

ICP6
(Page 2)

ANALYST CNB
DATE 07/25/2006

AS#	SAMPLE ID		
77		IV 20607210723	
78		IV 20607210724	
79		IV 20607210725	
80		IV 20607210726	
81		IV 20607210727	
82		IV 20607210728	
83		IV 20607210729	
84		IV 20607210730	
85		---	
86		---	
5	CCV-1800 F: Si, Na		
1	CCB-1900 F: Si		
87	392854	MB for HBN 328502 S	R/R
88	392855	LCS for HBN 328502 S	
89	--- 4482 ---	IV 20607201904	@2X
90		IV 20607201905 MS	
91		IV 20607201906 MSD	
92	394096	IV 20607201904 PDS	
93	394097	IV 20607201904 SD	5 X
94		---	
95		---	
96		---	
5	CCV-1800 F: Al, Fe, Li, Mg, K, Si, Na		
1	CCB-1900		
97		IV 20607201901	
98		IV 20607201902	
99		IV 20607201903	@10X fe Zn
100		IV 20607201907	
101		IV 20607201908	@2X fe Zn
102		IV 20607201909	@2X fe Zn
103		IV 20607201911	
104		IV 20607201912	
105		IV 20607201913	
106		IV 20607201914	
5	CCV-1800 F: Al, Fe, Li, Mg, K, Si, Na		
1	CCB-1900 F: Si, Zn		
107		20607201915	R/R
108		IV 20607201916	@5X fe Zn
109		IV 20607201917	
110		IV 20607201918	
111			
112			
113			
114			
115			
116			

AS#	SAMPLE ID	Dilution
5	CCV-1800 F (Not Analyzed)	
1	CCB-1900 F: Si	
117		
118		
119		
120		
121		
122		
123		
124		
125		
126		
5	CCV-1800	
1	CCB-1900	
127		
128		
129		
130		
131		
132		
133		
134		
135		
136		
5	CCV-1800	
1	CCB-1900	
137		
138		
139		
140		
141		
142		
143		
144		
145		
146		

COMMENTS: 3786, 328716

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189828

Reprocessing Begun
Logged In Analyst: met Technique: ICP Continuous

Results Data Set (original): 2060725 A
Results Library (original): C:\pe\met\Results\Results.mdb
Results Data Set (reprocessed): 3786
Results Library (reprocessed): C:\pe\met\Results\Results.mdb

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2006 9:11:29 AM
Data Type: Reprocessed on 7/26/2006 8:02:10 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ar 363.268 A	98401.9	115.32	0.12%	100.00	%
Ar 420.067 R	879555.0	2650.50	0.30%	100.00	%
Scandium-IS	3962211.9	66170.56	1.67%	100.00	%
Yttrium,7440-65-5A	2017019.3	33383.29	1.66%	100.00	%
Yttrium,7440-65-5R	45240.2	438.05	0.97%	100.00	%
Aluminum,7429-90-5†	42.3	2.72	6.42%	[0.00]	mg/L
Antimony,7440-36-0†	12.5	11.99	95.79%	[0.00]	mg/L
Arsenic,7440-38-2†	-23.0	0.65	2.83%	[0.00]	mg/L
Barium,7440-39-3†	341.8	15.36	4.49%	[0.00]	mg/L
Beryllium,7440-41-7†	430.5	82.16	19.09%	[0.00]	mg/L
Boron,7440-42-8†	116.3	26.06	22.41%	[0.00]	mg/L
Cadmium,7440-43-9†	-901.7	29.19	3.24%	[0.00]	mg/L
Calcium,7440-70-2†	9.4	3.49	37.27%	[0.00]	mg/L
Chromium,7440-47-3†	1143.3	9.10	0.80%	[0.00]	mg/L
Cobalt,7440-48-4†	-697.0	9.27	1.33%	[0.00]	mg/L
Copper,7440-50-8†	7885.3	91.17	1.16%	[0.00]	mg/L
Iron,7439-89-6†	5.5	0.99	18.02%	[0.00]	mg/L
Lead,7439-92-1†	-34.0	7.22	21.21%	[0.00]	mg/L
Lithium,7439-93-2†	423.0	64.91	15.35%	[0.00]	mg/L
Magnesium,7439-95-4†	-4.5	0.68	15.11%	[0.00]	mg/L
Manganese,7439-96-5†	2838.5	79.14	2.79%	[0.00]	mg/L
Molybdenum,7439-98-7†	-135.5	12.66	9.35%	[0.00]	mg/L
Nickel,7440-02-0†	-934.4	25.37	2.72%	[0.00]	mg/L
Potassium,7440-09-7†	-907.2	30.31	3.34%	[0.00]	mg/L
Selenium,7782-49-2†	-69.8	4.00	5.73%	[0.00]	mg/L
Silicon,7440-21-3†	93.7	1.37	1.47%	[0.00]	mg/L
Silver,7440-22-4†	-675.4	97.44	14.43%	[0.00]	mg/L
Sodium,7440-23-5†	1756.0	69.12	3.94%	[0.00]	mg/L
Strontium,7440-24-6†	1142.0	72.86	6.38%	[0.00]	mg/L
Thallium,7440-28-0†	-56.4	5.96	10.57%	[0.00]	mg/L
Tin,7440-31-5†	112.2	4.85	4.32%	[0.00]	mg/L
Titanium,7440-32-6†	-267.3	91.46	34.22%	[0.00]	mg/L
Vanadium,7440-62-2†	3958.4	56.74	1.43%	[0.00]	mg/L
Zinc,7440-66-6†	1836.3	77.38	4.21%	[0.00]	mg/L
Zirconium,7440-67-7†	1027.4	38.70	3.77%	[0.00]	mg/L

Sequence No.: 2
Sample ID: Calib Std 1
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 7/25/2006 9:18:04 AM
Data Type: Reprocessed on 7/26/2006 8:02:15 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ar 363.268 A	97881.9	228.71	0.23%	99.472	%

Ar 420.067 R	877213.7	3743.94	0.43%	99.734	%
Scandium-IS	3969418.8	17194.04	0.43%	100.18	%
Yttrium,7440-65-5A	1979037.0	7543.09	0.38%	98.117	%
Yttrium,7440-65-5R	45564.4	479.44	1.05%	100.72	%
Aluminum,7429-90-5†	2548.9	20.46	0.80%	[10.00000]	mg/L
Antimony,7440-36-0†	3224.9	46.06	1.43%	[1.000000]	mg/L
Arsenic,7440-38-2†	3745.1	37.90	1.01%	[1.000000]	mg/L
Barium,7440-39-3†	271566.3	958.87	0.35%	[1.000000]	mg/L
Beryllium,7440-41-7†	5153610.0	66115.11	1.28%	[1.000000]	mg/L
Boron,7440-42-8†	368302.8	1665.10	0.45%	[5.00]	mg/L
Cadmium,7440-43-9†	370236.9	1242.32	0.34%	[1.000000]	mg/L
Calcium,7440-70-2†	8442.7	30.03	0.36%	[10.00000]	mg/L
Chromium,7440-47-3†	222025.1	764.81	0.34%	[1.000000]	mg/L
Cobalt,7440-48-4†	78733.8	900.12	1.14%	[1.000000]	mg/L
Copper,7440-50-8†	457626.2	1254.79	0.27%	[1.000000]	mg/L
Iron,7439-89-6†	3025.0	15.37	0.51%	[10.00000]	mg/L
Lead,7439-92-1†	16140.6	188.91	1.17%	[1.000000]	mg/L
Lithium,7439-93-2†	16704.5	225.51	1.35%	[1.00]	mg/L
Magnesium,7439-95-4†	905.0	10.39	1.15%	[10.00000]	mg/L
Manganese,7439-96-5†	1129014.5	3947.27	0.35%	[1.000000]	mg/L
Molybdenum,7439-98-7†	41630.4	438.61	1.05%	[1.00]	mg/L
Nickel,7440-02-0†	74413.6	176.05	0.24%	[1.000000]	mg/L
Potassium,7440-09-7†	41198.3	270.84	0.66%	[20.00000]	mg/L
Selenium,7782-49-2†	2121.7	35.99	1.70%	[1.000000]	mg/L
Silicon,7440-21-3†	124.2	1.07	0.86%	[1.0]	mg/L
Silver,7440-22-4†	360760.1	1198.91	0.33%	[1.000000]	mg/L
Sodium,7440-23-5†	186586.2	1634.84	0.88%	[40.00000]	mg/L
Strontium,7440-24-6†	278548.3	3820.23	1.37%	[1.00]	mg/L
Thallium,7440-28-0†	7845.5	120.80	1.54%	[1.000000]	mg/L
Tin,7440-31-5†	14471.2	191.00	1.32%	[1.00]	mg/L
Titanium,7440-32-6†	664064.4	2655.19	0.40%	[1.000000]	mg/L
Vanadium,7440-62-2†	162923.3	645.41	0.40%	[1.000000]	mg/L
Zinc,7440-66-6†	246182.7	792.81	0.32%	[1.000000]	mg/L
Zirconium,7440-67-7†	562933.5	2253.54	0.40%	[1.00]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum,7429-90-5	1	Lin, Calc Int	0.0	254.9	0.00000	1.000000	
Antimony,7440-36-0	1	Lin, Calc Int	0.0	3225	0.00000	1.000000	
Arsenic,7440-38-2	1	Lin, Calc Int	0.0	3745	0.00000	1.000000	
Barium,7440-39-3	1	Lin, Calc Int	0.0	271600	0.00000	1.000000	
Beryllium,7440-41-7	1	Lin, Calc Int	0.0	5154000	0.00000	1.000000	
Boron,7440-42-8	1	Lin, Calc Int	0.0	73660	0.00000	1.000000	
Cadmium,7440-43-9	1	Lin, Calc Int	0.0	370200	0.00000	1.000000	
Calcium,7440-70-2	1	Lin, Calc Int	0.0	844.3	0.00000	1.000000	
Chromium,7440-47-3	1	Lin, Calc Int	0.0	222000	0.00000	1.000000	
Cobalt,7440-48-4	1	Lin, Calc Int	0.0	78730	0.00000	1.000000	
Copper,7440-50-8	1	Lin, Calc Int	0.0	457600	0.00000	1.000000	
Iron,7439-89-6	1	Lin, Calc Int	0.0	302.5	0.00000	1.000000	
Lead,7439-92-1	1	Lin, Calc Int	0.0	16140	0.00000	1.000000	
Lithium,7439-93-2	1	Lin, Calc Int	0.0	16700	0.00000	1.000000	
Magnesium,7439-95-4	1	Lin, Calc Int	0.0	90.50	0.00000	1.000000	
Manganese,7439-96-5	1	Lin, Calc Int	0.0	1129000	0.00000	1.000000	
Molybdenum,7439-98-7	1	Lin, Calc Int	0.0	41630	0.00000	1.000000	
Nickel,7440-02-0	1	Lin, Calc Int	0.0	74410	0.00000	1.000000	
Potassium,7440-09-7	1	Lin, Calc Int	-0.0	2060	0.00000	1.000000	
Selenium,7782-49-2	1	Lin, Calc Int	0.0	2122	0.00000	1.000000	
Silicon,7440-21-3	1	Lin, Calc Int	0.0	124.2	0.00000	1.000000	
Silver,7440-22-4	1	Lin, Calc Int	0.0	360800	0.00000	1.000000	
Sodium,7440-23-5	1	Lin, Calc Int	-0.0	4665	0.00000	1.000000	
Strontium,7440-24-6	1	Lin, Calc Int	0.0	278500	0.00000	1.000000	
Thallium,7440-28-0	1	Lin, Calc Int	0.0	7845	0.00000	1.000000	
Tin,7440-31-5	1	Lin, Calc Int	0.0	14470	0.00000	1.000000	
Titanium,7440-32-6	1	Lin, Calc Int	0.0	664100	0.00000	1.000000	
Vanadium,7440-62-2	1	Lin, Calc Int	0.0	162900	0.00000	1.000000	
Zinc,7440-66-6	1	Lin, Calc Int	0.0	246200	0.00000	1.000000	
Zirconium,7440-67-7	1	Lin, Calc Int	0.0	562900	0.00000	1.000000	

Sequence No.: 3
Sample ID: 1600
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

RH KM 7-26-06

Autosampler Location: 11
Date Collected: 7/25/2006 9:24:24 AM
Data Type: Reprocessed on 7/26/2006 8:02:19 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	97831.3	99.420	%	0.1413				0.14%
Ar 420.067 R	886226.0	100.76	%	0.309				0.31%
Scandium-IS	3962401.7	100.00	%	0.945				0.94%
Yttrium,7440-65-5A	1979659.5	98.148	%	0.8518				0.87%
Yttrium,7440-65-5R	44476.5	98.312	%	1.5731				1.60%
Aluminum,7429-90-5†	2708.0	10.64	mg/L	0.184	10.64	mg/L	0.184	1.73%
QC value within limits for Aluminum,7429-90-5 Recovery = 106.40%								
Antimony,7440-36-0†	3336.9	1.0326	mg/L	0.01117	1.0326	mg/L	0.01117	1.08%
QC value within limits for Antimony,7440-36-0 Recovery = 103.26%								
Arsenic,7440-38-2†	3831.2	1.0286	mg/L	0.01094	1.0286	mg/L	0.01094	1.06%
QC value within limits for Arsenic,7440-38-2 Recovery = 102.86%								
Barium,7440-39-3†	289676.6	1.0655	mg/L	0.00454	1.0655	mg/L	0.00454	0.43%
QC value within limits for Barium,7440-39-3 Recovery = 106.55%								
Beryllium,7440-41-7†	5330729.5	1.0340	mg/L	0.01031	1.0340	mg/L	0.01031	1.00%
QC value within limits for Beryllium,7440-41-7 Recovery = 103.40%								
Boron,7440-42-8†	388130.4	5.2762	mg/L	0.00923	5.2762	mg/L	0.00923	0.17%
QC value within limits for Boron,7440-42-8 Recovery = 105.52%								
Cadmium,7440-43-9†	376995.5	1.0177	mg/L	0.00462	1.0177	mg/L	0.00462	0.45%
QC value within limits for Cadmium,7440-43-9 Recovery = 101.77%								
Calcium,7440-70-2†	9119.6	10.80	mg/L	0.336	10.80	mg/L	0.336	3.12%
QC value within limits for Calcium,7440-70-2 Recovery = 107.97%								
Chromium,7440-47-3†	228555.6	1.0289	mg/L	0.00413	1.0289	mg/L	0.00413	0.40%
QC value within limits for Chromium,7440-47-3 Recovery = 102.89%								
Cobalt,7440-48-4†	79527.7	1.0072	mg/L	0.00356	1.0072	mg/L	0.00356	0.35%
QC value within limits for Cobalt,7440-48-4 Recovery = 100.72%								
Copper,7440-50-8†	463013.5	1.0108	mg/L	0.00253	1.0108	mg/L	0.00253	0.25%
QC value within limits for Copper,7440-50-8 Recovery = 101.08%								
Iron,7439-89-6†	3371.4	11.146	mg/L	0.3692	11.146	mg/L	0.3692	3.31%
QC value greater than the upper limit for Iron,7439-89-6 Recovery = 111.46%								
Lead,7439-92-1†	16615.6	1.0283	mg/L	0.00477	1.0283	mg/L	0.00477	0.46%
QC value within limits for Lead,7439-92-1 Recovery = 102.83%								
Lithium,7439-93-2†	17792.2	1.0653	mg/L	0.03625	1.0653	mg/L	0.03625	3.40%
QC value within limits for Lithium,7439-93-2 Recovery = 106.53%								
Magnesium,7439-95-4†	967.4	10.699	mg/L	0.1559	10.699	mg/L	0.1559	1.46%
QC value within limits for Magnesium,7439-95-4 Recovery = 106.99%								
Manganese,7439-96-5†	1150148.1	1.0185	mg/L	0.00355	1.0185	mg/L	0.00355	0.35%
QC value within limits for Manganese,7439-96-5 Recovery = 101.85%								
Molybdenum,7439-98-7†	41490.7	0.9966	mg/L	0.00429	0.9966	mg/L	0.00429	0.43%
QC value within limits for Molybdenum,7439-98-7 Recovery = 99.66%								
Nickel,7440-02-0†	75920.1	1.0197	mg/L	0.00413	1.0197	mg/L	0.00413	0.41%
QC value within limits for Nickel,7440-02-0 Recovery = 101.97%								
Potassium,7440-09-7†	21749.6	10.541	mg/L	0.1090	10.541	mg/L	0.1090	1.03%
QC value within limits for Potassium,7440-09-7 Recovery = 105.41%								
Selenium,7782-49-2†	2150.0	1.0212	mg/L	0.00566	1.0212	mg/L	0.00566	0.55%
QC value within limits for Selenium,7782-49-2 Recovery = 102.12%								
Silicon,7440-21-3†	13.6	0.1276	mg/L	0.01935	0.1276	mg/L	0.01935	15.16%
Silver,7440-22-4†	376863.9	1.0479	mg/L	0.00411	1.0479	mg/L	0.00411	0.39%
QC value within limits for Silver,7440-22-4 Recovery = 104.79%								
Sodium,7440-23-5†	48264.3	10.347	mg/L	0.1133	10.347	mg/L	0.1133	1.10%
QC value within limits for Sodium,7440-23-5 Recovery = 103.47%								
Strontium,7440-24-6†	291836.2	1.0474	mg/L	0.01545	1.0474	mg/L	0.01545	1.47%
QC value within limits for Strontium,7440-24-6 Recovery = 104.74%								
Thallium,7440-28-0†	8033.6	1.0360	mg/L	0.00042	1.0360	mg/L	0.00042	0.04%
QC value within limits for Thallium,7440-28-0 Recovery = 103.60%								
Tin,7440-31-5†	14989.1	1.0360	mg/L	0.00073	1.0360	mg/L	0.00073	0.07%
QC value within limits for Tin,7440-31-5 Recovery = 103.60%								
Titanium,7440-32-6†	676241.8	1.0182	mg/L	0.00357	1.0182	mg/L	0.00357	0.35%
QC value within limits for Titanium,7440-32-6 Recovery = 101.82%								
Vanadium,7440-62-2†	167177.6	1.0257	mg/L	0.00237	1.0257	mg/L	0.00237	0.23%
QC value within limits for Vanadium,7440-62-2 Recovery = 102.57%								

Zinc,7440-66-6† 248810.2 1.0000 mg/L 0.00372 1.0000 mg/L 0.00372 0.37%
QC value within limits for Zinc,7440-66-6 Recovery = 100.00%
Zirconium,7440-67-7† 892.5 0.0014 mg/L 0.00056 0.0014 mg/L 0.00056 40.47%
QC Failed. Continue with analysis.

Sequence No.: 4
Sample ID: 1600
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 7/25/2006 9:36:33 AM
Data Type: Reprocessed on 7/26/2006 8:02:22 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1600

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	97838.2	99.427	%	0.3501				0.35%
Ar 420.067 R	889103.3	101.09	%	0.368				0.36%
Scandium-IS	3979920.2	100.45	%	1.336				1.33%
Yttrium,7440-65-5A	1990487.7	98.685	%	1.2205				1.24%
Yttrium,7440-65-5R	45466.6	100.50	%	1.121				1.12%
Aluminum,7429-90-5†	2598.6	10.21	mg/L	0.167	10.21	mg/L	0.167	1.64%
QC value within limits for Aluminum,7429-90-5 Recovery = 102.10%								
Antimony,7440-36-0†	3267.1	1.0110	mg/L	0.01330	1.0110	mg/L	0.01330	1.32%
QC value within limits for Antimony,7440-36-0 Recovery = 101.10%								
Arsenic,7440-38-2†	3693.2	0.9916	mg/L	0.01075	0.9916	mg/L	0.01075	1.08%
QC value within limits for Arsenic,7440-38-2 Recovery = 99.16%								
Barium,7440-39-3†	284432.5	1.0462	mg/L	0.01987	1.0462	mg/L	0.01987	1.90%
QC value within limits for Barium,7440-39-3 Recovery = 104.62%								
Beryllium,7440-41-7†	5188689.3	1.0064	mg/L	0.01215	1.0064	mg/L	0.01215	1.21%
QC value within limits for Beryllium,7440-41-7 Recovery = 100.64%								
Boron,7440-42-8†	380950.3	5.1784	mg/L	0.08133	5.1784	mg/L	0.08133	1.57%
QC value within limits for Boron,7440-42-8 Recovery = 103.57%								
Cadmium,7440-43-9†	369613.3	0.9977	mg/L	0.02045	0.9977	mg/L	0.02045	2.05%
QC value within limits for Cadmium,7440-43-9 Recovery = 99.77%								
Calcium,7440-70-2†	8686.7	10.28	mg/L	0.073	10.28	mg/L	0.073	0.71%
QC value within limits for Calcium,7440-70-2 Recovery = 102.84%								
Chromium,7440-47-3†	224944.2	1.0127	mg/L	0.02183	1.0127	mg/L	0.02183	2.16%
QC value within limits for Chromium,7440-47-3 Recovery = 101.27%								
Cobalt,7440-48-4†	77343.5	0.9795	mg/L	0.01222	0.9795	mg/L	0.01222	1.25%
QC value within limits for Cobalt,7440-48-4 Recovery = 97.95%								
Copper,7440-50-8†	454936.5	0.9932	mg/L	0.01854	0.9932	mg/L	0.01854	1.87%
QC value within limits for Copper,7440-50-8 Recovery = 99.32%								
Iron,7439-89-6†	3213.2	10.623	mg/L	0.0821	10.623	mg/L	0.0821	0.77%
QC value within limits for Iron,7439-89-6 Recovery = 106.23%								
Lead,7439-92-1†	16103.9	0.9966	mg/L	0.01532	0.9966	mg/L	0.01532	1.54%
QC value within limits for Lead,7439-92-1 Recovery = 99.66%								
Lithium,7439-93-2†	16892.9	1.0115	mg/L	0.00847	1.0115	mg/L	0.00847	0.84%
QC value within limits for Lithium,7439-93-2 Recovery = 101.15%								
Magnesium,7439-95-4†	933.6	10.325	mg/L	0.1224	10.325	mg/L	0.1224	1.19%
QC value within limits for Magnesium,7439-95-4 Recovery = 103.25%								
Manganese,7439-96-5†	1130199.9	1.0008	mg/L	0.02006	1.0008	mg/L	0.02006	2.00%
QC value within limits for Manganese,7439-96-5 Recovery = 100.08%								
Molybdenum,7439-98-7†	40331.8	0.9688	mg/L	0.01073	0.9688	mg/L	0.01073	1.11%
QC value within limits for Molybdenum,7439-98-7 Recovery = 96.88%								
Nickel,7440-02-0†	74458.3	1.0001	mg/L	0.01983	1.0001	mg/L	0.01983	1.98%
QC value within limits for Nickel,7440-02-0 Recovery = 100.01%								
Potassium,7440-09-7†	21197.5	10.273	mg/L	0.2197	10.273	mg/L	0.2197	2.14%
QC value within limits for Potassium,7440-09-7 Recovery = 102.73%								
Selenium,7782-49-2†	2099.7	0.9972	mg/L	0.01439	0.9972	mg/L	0.01439	1.44%
QC value within limits for Selenium,7782-49-2 Recovery = 99.72%								
Silicon,7440-21-3†	9.1	0.0909	mg/L	0.02653	0.0909	mg/L	0.02653	29.19%
Silver,7440-22-4†	369807.7	1.0282	mg/L	0.01541	1.0282	mg/L	0.01541	1.50%
QC value within limits for Silver,7440-22-4 Recovery = 102.82%								
Sodium,7440-23-5†	46862.9	10.047	mg/L	0.1895	10.047	mg/L	0.1895	1.89%
QC value within limits for Sodium,7440-23-5 Recovery = 100.47%								
Strontium,7440-24-6†	283525.5	1.0176	mg/L	0.01052	1.0176	mg/L	0.01052	1.03%
QC value within limits for Strontium,7440-24-6 Recovery = 101.76%								
Thallium,7440-28-0†	7850.5	1.0125	mg/L	0.01321	1.0125	mg/L	0.01321	1.30%
QC value within limits for Thallium,7440-28-0 Recovery = 101.25%								

Tin,7440-31-5†	14563.4	1.0065 mg/L	0.01341	1.0065 mg/L	0.01341	1.33%
QC value within limits for Tin,7440-31-5 Recovery = 100.65%						
Titanium,7440-32-6†	665407.7	1.0019 mg/L	0.01960	1.0019 mg/L	0.01960	1.96%
QC value within limits for Titanium,7440-32-6 Recovery = 100.19%						
Vanadium,7440-62-2†	164360.0	1.0084 mg/L	0.02187	1.0084 mg/L	0.02187	2.17%
QC value within limits for Vanadium,7440-62-2 Recovery = 100.84%						
Zinc,7440-66-6†	244180.9	0.9814 mg/L	0.02014	0.9814 mg/L	0.02014	2.05%
QC value within limits for Zinc,7440-66-6 Recovery = 98.14%						
Zirconium,7440-67-7†	-418.8	-0.0009 mg/L	0.00007	-0.0009 mg/L	0.00007	7.48%

All analyte(s) passed QC.

Sequence No.: 5
Sample ID: 1601
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 7/25/2006 9:42:53 AM
Data Type: Reprocessed on 7/26/2006 8:02:26 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1601

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98892.2	100.50	%	0.429				0.43%
Ar 420.067 R	884266.1	100.54	%	0.454				0.45%
Scandium-IS	4114936.4	103.85	%	0.872				0.84%
Yttrium,7440-65-5A	2080073.6	103.13	%	0.810				0.79%
Yttrium,7440-65-5R	46006.0	101.69	%	0.481				0.47%
Aluminum,7429-90-5†	1.4	0.005	mg/L	0.0260	0.005	mg/L	0.0260	477.69%
Antimony,7440-36-0†	-21.8	-0.0068	mg/L	0.00363	-0.0068	mg/L	0.00363	53.57%
Arsenic,7440-38-2†	-42.4	-0.0113	mg/L	0.00305	-0.0113	mg/L	0.00305	27.01%
Barium,7440-39-3†	47.7	0.0002	mg/L	0.00004	0.0002	mg/L	0.00004	23.11%
Beryllium,7440-41-7†	1072.2	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	5.11%
Boron,7440-42-8†	7393.3	0.1004	mg/L	0.00558	0.1004	mg/L	0.00558	5.56%
Cadmium,7440-43-9†	-7.2	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	116.28%
Calcium,7440-70-2†	32.8	0.039	mg/L	0.0076	0.039	mg/L	0.0076	19.46%
Chromium,7440-47-3†	-63.1	-0.0003	mg/L	0.00017	-0.0003	mg/L	0.00017	59.38%
Cobalt,7440-48-4†	27.6	0.0003	mg/L	0.00014	0.0003	mg/L	0.00014	38.83%
Copper,7440-50-8†	-653.3	-0.0014	mg/L	0.00010	-0.0014	mg/L	0.00010	6.68%
Iron,7439-89-6†	5.3	0.0175	mg/L	0.00457	0.0175	mg/L	0.00457	26.06%
Lead,7439-92-1†	-14.1	-0.0009	mg/L	0.00034	-0.0009	mg/L	0.00034	39.04%
Lithium,7439-93-2†	5.3	0.0003	mg/L	0.00203	0.0003	mg/L	0.00203	639.32%
Magnesium,7439-95-4†	4.0	0.0447	mg/L	0.03581	0.0447	mg/L	0.03581	80.05%
Manganese,7439-96-5†	782.3	0.0007	mg/L	0.00008	0.0007	mg/L	0.00008	12.20%
Molybdenum,7439-98-7†	75.5	0.0018	mg/L	0.00012	0.0018	mg/L	0.00012	6.77%
Nickel,7440-02-0†	-48.0	-0.0006	mg/L	0.00025	-0.0006	mg/L	0.00025	38.96%
Potassium,7440-09-7†	116.5	0.0565	mg/L	0.01801	0.0565	mg/L	0.01801	31.87%
Selenium,7782-49-2†	8.2	0.0039	mg/L	0.00345	0.0039	mg/L	0.00345	89.28%
Silicon,7440-21-3†	121.9	0.9817	mg/L	0.00702	0.9817	mg/L	0.00702	0.71%
QC value within limits for Silicon,7440-21-3 Recovery = 98.17%								
Silver,7440-22-4†	2763.6	0.0077	mg/L	0.00032	0.0077	mg/L	0.00032	4.14%
Sodium,7440-23-5†	-556.7	-0.1193	mg/L	0.00430	-0.1193	mg/L	0.00430	3.60%
Strontium,7440-24-6†	59.4	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	11.42%
Thallium,7440-28-0†	19.5	0.0025	mg/L	0.00021	0.0025	mg/L	0.00021	8.45%
Tin,7440-31-5†	31.3	0.0022	mg/L	0.00058	0.0022	mg/L	0.00058	26.72%
Titanium,7440-32-6†	352.9	0.0005	mg/L	0.00022	0.0005	mg/L	0.00022	41.35%
Vanadium,7440-62-2†	-107.2	-0.0007	mg/L	0.00025	-0.0007	mg/L	0.00025	38.19%
Zinc,7440-66-6†	-218.5	-0.0009	mg/L	0.00006	-0.0009	mg/L	0.00006	6.96%
Zirconium,7440-67-7†	549577.9	0.9763	mg/L	0.00204	0.9763	mg/L	0.00204	0.21%
QC value within limits for Zirconium,7440-67-7 Recovery = 97.63%								

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: 1700
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2006 9:49:30 AM
Data Type: Reprocessed on 7/26/2006 8:02:29 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1700

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98946.6	100.55	%	0.269				0.27%
Ar 420.067 R	882918.4	100.38	%	0.186				0.19%
Scandium-IS	4052494.8	102.28	%	0.373				0.36%
Yttrium,7440-65-5A	2059696.0	102.12	%	0.303				0.30%
Yttrium,7440-65-5R	46538.2	102.87	%	2.463				2.39%
Aluminum,7429-90-5†	2.3	0.009	mg/L	0.0296	0.009	mg/L	0.0296	328.03%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-14.5	-0.0045	mg/L	0.00275	-0.0045	mg/L	0.00275	60.98%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	1.7	0.0005	mg/L	0.00121	0.0005	mg/L	0.00121	259.53%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	-13.5	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	67.19%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	157.3	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	33.38%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	4372.5	0.0594	mg/L	0.00170	0.0594	mg/L	0.00170	2.87%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	13.9	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	128.86%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	2.8	0.003	mg/L	0.0049	0.003	mg/L	0.0049	145.58%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-37.4	-0.0002	mg/L	0.00014	-0.0002	mg/L	0.00014	82.30%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	13.3	0.0002	mg/L	0.00030	0.0002	mg/L	0.00030	177.76%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-18.6	0.0000	mg/L	0.00013	0.0000	mg/L	0.00013	312.95%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	4.4	0.0146	mg/L	0.00323	0.0146	mg/L	0.00323	22.15%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	4.0	0.0002	mg/L	0.00044	0.0002	mg/L	0.00044	175.19%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	-17.3	-0.0010	mg/L	0.00320	-0.0010	mg/L	0.00320	308.55%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	-0.2	-0.0026	mg/L	0.04410	-0.0026	mg/L	0.04410	>999.9%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	20.9	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	58.43%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	39.7	0.0010	mg/L	0.00021	0.0010	mg/L	0.00021	21.66%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	20.5	0.0003	mg/L	0.00028	0.0003	mg/L	0.00028	103.48%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	34.3	0.0167	mg/L	0.01697	0.0167	mg/L	0.01697	101.83%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	-2.2	-0.0010	mg/L	0.00288	-0.0010	mg/L	0.00288	278.10%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	5.1	0.0411	mg/L	0.01587	0.0411	mg/L	0.01587	38.59%
QC value within limits for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	-22.6	-0.0001	mg/L	0.00015	-0.0001	mg/L	0.00015	255.23%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-467.1	-0.1001	mg/L	0.00233	-0.1001	mg/L	0.00233	2.32%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	-7.5	0.0000	mg/L	0.00014	0.0000	mg/L	0.00014	497.99%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	6.4	0.0008	mg/L	0.00044	0.0008	mg/L	0.00044	53.71%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-12.2	-0.0008	mg/L	0.00053	-0.0008	mg/L	0.00053	63.16%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6†	11.3	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	537.07%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated								
Vanadium,7440-62-2†	-123.3	-0.0008	mg/L	0.00015	-0.0008	mg/L	0.00015	20.40%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated								
Zinc,7440-66-6†	-783.8	-0.0032	mg/L	0.00003	-0.0032	mg/L	0.00003	0.81%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated								
Zirconium,7440-67-7†	1671.2	0.0030	mg/L	0.00058	0.0030	mg/L	0.00058	19.51%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated								

All analyte(s) passed QC.

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Sequence No.: 7
Sample ID: 2300
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/25/2006 9:56:05 AM
Data Type: Reprocessed on 7/26/2006 8:02:32 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 2300

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98623.4	100.23	%	0.386				0.39%
Ar 420.067 R	877872.5	99.809	%	0.1013				0.10%
Scandium-IS	4057231.3	102.40	%	0.448				0.44%
Yttrium,7440-65-5A	2056211.9	101.94	%	0.352				0.35%
Yttrium,7440-65-5R	45405.2	100.36	%	0.989				0.99%
Aluminum,7429-90-5†	62.3	0.245	mg/L	0.0410	0.245	mg/L	0.0410	16.76%
QC value within limits for Aluminum,7429-90-5 Recovery = 122.33%								
Antimony,7440-36-0†	208.1	0.0645	mg/L	0.00223	0.0645	mg/L	0.00223	3.46%
QC value within limits for Antimony,7440-36-0 Recovery = 107.52%								
Arsenic,7440-38-2†	33.9	0.0091	mg/L	0.00137	0.0091	mg/L	0.00137	15.01%
QC value within limits for Arsenic,7440-38-2 Recovery = 91.43%								
Barium,7440-39-3†	2829.0	0.0104	mg/L	0.00005	0.0104	mg/L	0.00005	0.43%
QC value within limits for Barium,7440-39-3 Recovery = 103.96%								
Beryllium,7440-41-7†	26125.5	0.0050	mg/L	0.00002	0.0050	mg/L	0.00002	0.38%
QC value within limits for Beryllium,7440-41-7 Recovery = 100.83%								
Boron,7440-42-8†	39419.4	0.5352	mg/L	0.00158	0.5352	mg/L	0.00158	0.30%
QC value within limits for Boron,7440-42-8 Recovery = 107.04%								
Cadmium,7440-43-9†	1827.9	0.0049	mg/L	0.00004	0.0049	mg/L	0.00004	0.82%
QC value within limits for Cadmium,7440-43-9 Recovery = 98.59%								
Calcium,7440-70-2†	103.8	0.123	mg/L	0.0058	0.123	mg/L	0.0058	4.73%
QC value within limits for Calcium,7440-70-2 Recovery = 122.86%								
Chromium,7440-47-3†	2249.6	0.0101	mg/L	0.00011	0.0101	mg/L	0.00011	1.07%
QC value within limits for Chromium,7440-47-3 Recovery = 101.13%								
Cobalt,7440-48-4†	798.7	0.0099	mg/L	0.00019	0.0099	mg/L	0.00019	1.89%
QC value within limits for Cobalt,7440-48-4 Recovery = 99.18%								
Copper,7440-50-8†	3837.6	0.0083	mg/L	0.00025	0.0083	mg/L	0.00025	3.03%
QC value within limits for Copper,7440-50-8 Recovery = 83.34%								
Iron,7439-89-6†	35.2	0.1164	mg/L	0.00972	0.1164	mg/L	0.00972	8.35%
QC value within limits for Iron,7439-89-6 Recovery = 116.40%								
Lead,7439-92-1†	243.8	0.0151	mg/L	0.00106	0.0151	mg/L	0.00106	6.99%
QC value within limits for Lead,7439-92-1 Recovery = 100.68%								
Lithium,7439-93-2†	908.0	0.0544	mg/L	0.00712	0.0544	mg/L	0.00712	13.09%
QC value within limits for Lithium,7439-93-2 Recovery = 108.72%								
Magnesium,7439-95-4†	10.9	0.1206	mg/L	0.01801	0.1206	mg/L	0.01801	14.93%
QC value within limits for Magnesium,7439-95-4 Recovery = 120.58%								
Manganese,7439-96-5†	17725.0	0.0157	mg/L	0.00007	0.0157	mg/L	0.00007	0.47%
QC value within limits for Manganese,7439-96-5 Recovery = 104.53%								
Molybdenum,7439-98-7†	2078.5	0.0499	mg/L	0.00019	0.0499	mg/L	0.00019	0.39%
QC value within limits for Molybdenum,7439-98-7 Recovery = 99.85%								
Nickel,7440-02-0†	3013.0	0.0405	mg/L	0.00025	0.0405	mg/L	0.00025	0.61%
QC value within limits for Nickel,7440-02-0 Recovery = 101.15%								
Potassium,7440-09-7†	1067.8	0.5178	mg/L	0.00632	0.5178	mg/L	0.00632	1.22%
QC value within limits for Potassium,7440-09-7 Recovery = 103.55%								
Selenium,7782-49-2†	87.3	0.0412	mg/L	0.00265	0.0412	mg/L	0.00265	6.44%
QC value within limits for Selenium,7782-49-2 Recovery = 103.04%								
Silicon,7440-21-3†	7.9	0.0636	mg/L	0.00805	0.0636	mg/L	0.00805	12.67%
Silver,7440-22-4†	1886.9	0.0053	mg/L	0.00041	0.0053	mg/L	0.00041	7.75%
Sodium,7440-23-5†	4254.4	0.9122	mg/L	0.00370	0.9122	mg/L	0.00370	0.41%
QC value within limits for Sodium,7440-23-5 Recovery = 91.22%								
Strontium,7440-24-6†	14447.7	0.0519	mg/L	0.00040	0.0519	mg/L	0.00040	0.76%
QC value within limits for Strontium,7440-24-6 Recovery = 103.73%								
Thallium,7440-28-0†	70.4	0.0097	mg/L	0.00067	0.0097	mg/L	0.00067	6.91%
QC value within limits for Thallium,7440-28-0 Recovery = 96.53%								
Tin,7440-31-5†	1409.3	0.0974	mg/L	0.00028	0.0974	mg/L	0.00028	0.29%
QC value within limits for Tin,7440-31-5 Recovery = 97.37%								
Titanium,7440-32-6†	67588.8	0.1018	mg/L	0.00019	0.1018	mg/L	0.00019	0.19%
QC value within limits for Titanium,7440-32-6 Recovery = 101.78%								
Vanadium,7440-62-2†	3195.1	0.0196	mg/L	0.00050	0.0196	mg/L	0.00050	2.54%
QC value within limits for Vanadium,7440-62-2 Recovery = 98.07%								
Zinc,7440-66-6†	4450.9	0.0178	mg/L	0.00014	0.0178	mg/L	0.00014	0.77%

QC value within limits for Zinc,7440-66-6 Recovery = 88.86%
Zirconium,7440-67-7† 8432.9 0.0150 mg/L 0.00082 0.0150 mg/L 0.00082 5.51%
All analyte(s) passed QC.

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Sequence No.: 8
Sample ID: 2301
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/25/2006 10:04:29 AM
Data Type: Reprocessed on 7/26/2006 8:02:34 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 2301

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98220.3	99.815	%	0.4661				0.47%
Ar 420.067 R	878583.7	99.890	%	0.0119				0.01%
Scandium-IS	4010114.2	101.21	%	0.719				0.71%
Yttrium,7440-65-5A	2039585.4	101.12	%	0.657				0.65%
Yttrium,7440-65-5R	45548.2	100.68	%	0.602				0.60%
Aluminum,7429-90-5†	2.0	0.008	mg/L	0.0188	0.008	mg/L	0.0188	239.02%
Antimony,7440-36-0†	18.4	0.0057	mg/L	0.00243	0.0057	mg/L	0.00243	42.67%
QC value within limits for Antimony,7440-36-0 Recovery = 95.03%								
Arsenic,7440-38-2†	-6.4	-0.0017	mg/L	0.00277	-0.0017	mg/L	0.00277	163.98%
Barium,7440-39-3†	14.8	0.0000	mg/L	0.00008	0.0000	mg/L	0.00008	159.76%
Beryllium,7440-41-7†	5546.8	0.0011	mg/L	0.00001	0.0011	mg/L	0.00001	1.35%
QC value within limits for Beryllium,7440-41-7 Recovery = 107.50%								
Boron,7440-42-8†	9712.1	0.1319	mg/L	0.00080	0.1319	mg/L	0.00080	0.60%
QC value within limits for Boron,7440-42-8 Recovery = 131.88%								
Cadmium,7440-43-9†	462.0	0.0012	mg/L	0.00006	0.0012	mg/L	0.00006	4.77%
QC value within limits for Cadmium,7440-43-9 Recovery = 124.48%								
Calcium,7440-70-2†	42.4	0.050	mg/L	0.0050	0.050	mg/L	0.0050	9.93%
Chromium,7440-47-3†	1857.4	0.0084	mg/L	0.00007	0.0084	mg/L	0.00007	0.79%
QC value within limits for Chromium,7440-47-3 Recovery = 104.58%								
Cobalt,7440-48-4†	102.2	0.0013	mg/L	0.00020	0.0013	mg/L	0.00020	15.69%
QC value within limits for Cobalt,7440-48-4 Recovery = 129.44%								
Copper,7440-50-8†	1563.2	0.0034	mg/L	0.00020	0.0034	mg/L	0.00020	5.78%
QC value within limits for Copper,7440-50-8 Recovery = 68.21%								
Iron,7439-89-6†	14.7	0.0486	mg/L	0.00506	0.0486	mg/L	0.00506	10.39%
QC value within limits for Iron,7439-89-6 Recovery = 121.62%								
Lead,7439-92-1†	80.0	0.0050	mg/L	0.00025	0.0050	mg/L	0.00025	5.12%
QC value within limits for Lead,7439-92-1 Recovery = 99.05%								
Lithium,7439-93-2†	22.7	0.0014	mg/L	0.00024	0.0014	mg/L	0.00024	17.68%
Magnesium,7439-95-4†	6.3	0.0693	mg/L	0.02717	0.0693	mg/L	0.02717	39.19%
Manganese,7439-96-5†	12812.3	0.0113	mg/L	0.00009	0.0113	mg/L	0.00009	0.75%
QC value within limits for Manganese,7439-96-5 Recovery = 113.48%								
Molybdenum,7439-98-7†	852.4	0.0205	mg/L	0.00044	0.0205	mg/L	0.00044	2.15%
QC value within limits for Molybdenum,7439-98-7 Recovery = 102.38%								
Nickel,7440-02-0†	350.5	0.0047	mg/L	0.00012	0.0047	mg/L	0.00012	2.45%
QC value within limits for Nickel,7440-02-0 Recovery = 94.17%								
Potassium,7440-09-7†	61.2	0.0296	mg/L	0.00577	0.0296	mg/L	0.00577	19.47%
Selenium,7782-49-2†	10.4	0.0049	mg/L	0.00139	0.0049	mg/L	0.00139	28.19%
QC value within limits for Selenium,7782-49-2 Recovery = 98.84%								
Silicon,7440-21-3†	8.6	0.0693	mg/L	0.02015	0.0693	mg/L	0.02015	29.06%
Silver,7440-22-4†	801.3	0.0022	mg/L	0.00027	0.0022	mg/L	0.00027	12.11%
QC value within limits for Silver,7440-22-4 Recovery = 111.69%								
Sodium,7440-23-5†	-567.2	-0.1216	mg/L	0.00177	-0.1216	mg/L	0.00177	1.45%
Strontium,7440-24-6†	-8.1	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	147.70%
Thallium,7440-28-0†	5.9	0.0008	mg/L	0.00025	0.0008	mg/L	0.00025	31.69%
QC value less than the lower limit for Thallium,7440-28-0 Recovery = 40.02%								
Tin,7440-31-5†	345.0	0.0238	mg/L	0.00011	0.0238	mg/L	0.00011	0.46%
QC value within limits for Tin,7440-31-5 Recovery = 95.39%								
Titanium,7440-32-6†	-6.0	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	217.67%
Vanadium,7440-62-2†	692.8	0.0043	mg/L	0.00022	0.0043	mg/L	0.00022	5.28%
QC value within limits for Vanadium,7440-62-2 Recovery = 85.01%								
Zinc,7440-66-6†	2133.2	0.0086	mg/L	0.00018	0.0086	mg/L	0.00018	2.08%
QC value within limits for Zinc,7440-66-6 Recovery = 86.12%								
Zirconium,7440-67-7†	-114.2	-0.0002	mg/L	0.00006	-0.0002	mg/L	0.00006	30.89%

QC Failed. Continue with analysis.

Sequence No.: 9
Sample ID: 2000
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/25/2006 10:10:12 AM
Data Type: Reprocessed on 7/26/2006 8:02:37 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 2000

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	86579.1	87.985	%	0.2196				0.25%
Ar 420.067 R	834109.4	94.833	%	0.3766				0.40%
Scandium-IS	3669674.7	92.617	%	0.2527				0.27%
Yttrium,7440-65-5A	1825302.4	90.495	%	0.2692				0.30%
Yttrium,7440-65-5R	40858.7	90.315	%	6.2060				6.87%
Aluminum,7429-90-5†	62944.5	246.9	mg/L	22.44	246.9	mg/L	22.44	9.09%
QC value greater than the upper limit for Aluminum,7429-90-5 Recovery = 123.47%								
Antimony,7440-36-0†	7.8	0.0040	mg/L	0.01597	0.0040	mg/L	0.01597	397.76%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	-169.4	0.0036	mg/L	0.00495	0.0036	mg/L	0.00495	138.50%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	1013.5	0.0001	mg/L	0.00039	0.0001	mg/L	0.00039	627.01%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	-1341.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	394.45%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	-1154.9	0.0405	mg/L	0.00544	0.0405	mg/L	0.00544	13.44%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	164.0	-0.0031	mg/L	0.00030	-0.0031	mg/L	0.00030	9.50%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	202064.7	239.3	mg/L	21.14	239.3	mg/L	21.14	8.84%
QC value within limits for Calcium,7440-70-2 Recovery = 119.63%								
Chromium,7440-47-3†	4627.8	-0.0142	mg/L	0.00299	-0.0142	mg/L	0.00299	21.05%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	156.2	-0.0017	mg/L	0.00021	-0.0017	mg/L	0.00021	12.47%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-186.7	-0.0105	mg/L	0.00091	-0.0105	mg/L	0.00091	8.72%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	29317.1	96.916	mg/L	8.5215	96.916	mg/L	8.5215	8.79%
QC value greater than the upper limit for Iron,7439-89-6 Recovery = 121.15%								
Lead,7439-92-1†	-781.9	-0.0254	mg/L	0.00188	-0.0254	mg/L	0.00188	7.39%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	78.5	0.0060	mg/L	0.00318	0.0060	mg/L	0.00318	53.02%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	21449.5	237.09	mg/L	21.265	237.09	mg/L	21.265	8.97%
QC value within limits for Magnesium,7439-95-4 Recovery = 118.55%								
Manganese,7439-96-5†	-27819.4	-0.0225	mg/L	0.00026	-0.0225	mg/L	0.00026	1.16%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	21.4	0.0014	mg/L	0.00079	0.0014	mg/L	0.00079	56.70%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	35.9	-0.0012	mg/L	0.00053	-0.0012	mg/L	0.00053	43.42%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	-57.2	-0.1414	mg/L	0.03321	-0.1414	mg/L	0.03321	23.48%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	-184.4	-0.0275	mg/L	0.01375	-0.0275	mg/L	0.01375	49.92%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	-1.2	0.1146	mg/L	0.05294	0.1146	mg/L	0.05294	46.19%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	-12172.9	-0.0136	mg/L	0.00194	-0.0136	mg/L	0.00194	14.27%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	191.0	0.0040	mg/L	0.01724	0.0040	mg/L	0.01724	436.39%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	2298.9	0.0033	mg/L	0.00069	0.0033	mg/L	0.00069	20.97%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	-35.5	-0.0067	mg/L	0.00441	-0.0067	mg/L	0.00441	66.21%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-268.6	-0.0155	mg/L	0.00081	-0.0155	mg/L	0.00081	5.23%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6†	72.5	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	121.69%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated								

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Vanadium,7440-62-2†     -2364.3      -0.0154 mg/L       0.00085      -0.0154 mg/L       0.00085   5.51%
   QC value within limits for Vanadium,7440-62-2  Recovery = Not calculated
Zinc,7440-66-6†          2873.4      -0.0102 mg/L       0.00203      -0.0102 mg/L       0.00203  19.92%
   QC value within limits for Zinc,7440-66-6  Recovery = Not calculated
Zirconium,7440-67-7†    -8096.0      -0.0127 mg/L       0.00023      -0.0127 mg/L       0.00023   1.84%
   QC value within limits for Zirconium,7440-67-7  Recovery = Not calculated
QC Failed.  Continue with analysis.
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Sequence No.: 10 **Autosampler Location: 5**
Sample ID: 2000 **Date Collected: 7/25/2006 10:25:01 AM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:02:39 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 2000

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	87802.1	89.228	%	0.5735				0.64%
Ar 420.067 R	829539.9	94.314	%	0.3990				0.42%
Scandium-IS	3823216.6	96.492	%	3.1630				3.28%
Yttrium,7440-65-5A	1901082.1	94.252	%	3.0077				3.19%
Yttrium,7440-65-5R	42078.1	93.010	%	1.4912				1.60%
Aluminum,7429-90-5†	53871.6	211.4	mg/L	0.68	211.4	mg/L	0.68	0.32%
QC value within limits for Aluminum,7429-90-5 Recovery = 105.68%								
Antimony,7440-36-0†	9.1	0.0041	mg/L	0.00332	0.0041	mg/L	0.00332	80.42%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	-172.3	-0.0040	mg/L	0.00759	-0.0040	mg/L	0.00759	189.42%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	878.0	0.0001	mg/L	0.00011	0.0001	mg/L	0.00011	203.05%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	-1207.9	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	83.64%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	-2092.3	0.0206	mg/L	0.00179	0.0206	mg/L	0.00179	8.67%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	124.1	-0.0028	mg/L	0.00005	-0.0028	mg/L	0.00005	1.71%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	173980.2	206.0	mg/L	0.75	206.0	mg/L	0.75	0.36%
QC value within limits for Calcium,7440-70-2 Recovery = 103.01%								
Chromium,7440-47-3†	4096.9	-0.0116	mg/L	0.00100	-0.0116	mg/L	0.00100	8.69%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	165.8	-0.0010	mg/L	0.00045	-0.0010	mg/L	0.00045	43.92%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-313.2	-0.0093	mg/L	0.00053	-0.0093	mg/L	0.00053	5.68%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	25512.3	84.338	mg/L	0.0359	84.338	mg/L	0.0359	0.04%
QC value within limits for Iron,7439-89-6 Recovery = 105.42%								
Lead,7439-92-1†	-677.0	-0.0222	mg/L	0.00227	-0.0222	mg/L	0.00227	10.22%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	-4.1	0.0009	mg/L	0.00147	0.0009	mg/L	0.00147	167.99%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	18422.1	203.63	mg/L	0.607	203.63	mg/L	0.607	0.30%
QC value within limits for Magnesium,7439-95-4 Recovery = 101.81%								
Manganese,7439-96-5†	-24940.1	-0.0202	mg/L	0.00086	-0.0202	mg/L	0.00086	4.23%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	31.6	0.0015	mg/L	0.00049	0.0015	mg/L	0.00049	32.39%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	57.7	-0.0007	mg/L	0.00018	-0.0007	mg/L	0.00018	26.48%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	25.6	-0.0854	mg/L	0.02602	-0.0854	mg/L	0.02602	30.45%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	-164.6	-0.0259	mg/L	0.00809	-0.0259	mg/L	0.00809	31.24%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	-1.8	0.0945	mg/L	0.01965	0.0945	mg/L	0.01965	20.80%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	-10444.4	-0.0114	mg/L	0.00117	-0.0114	mg/L	0.00117	10.27%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-13.9	-0.0346	mg/L	0.01197	-0.0346	mg/L	0.01197	34.63%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								

Strontium,7440-24-6†	1911.6	0.0026 mg/L	0.00008	0.0026 mg/L	0.00008	3.23%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated						
Thallium,7440-28-0†	-30.2	-0.0057 mg/L	0.00035	-0.0057 mg/L	0.00035	6.08%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated						
Tin,7440-31-5†	-274.7	-0.0164 mg/L	0.00193	-0.0164 mg/L	0.00193	11.76%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated						
Titanium,7440-32-6†	129.7	0.0001 mg/L	0.00015	0.0001 mg/L	0.00015	227.69%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated						
Vanadium,7440-62-2†	-2470.7	-0.0160 mg/L	0.00092	-0.0160 mg/L	0.00092	5.74%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6†	1940.7	-0.0110 mg/L	0.00067	-0.0110 mg/L	0.00067	6.12%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7†	-7695.5	-0.0123 mg/L	0.00025	-0.0123 mg/L	0.00025	2.01%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 11
Sample ID: 2100
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/25/2006 10:31:40 AM
Data Type: Reprocessed on 7/26/2006 8:02:41 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 2100

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	87512.9	88.934	%	0.2603				0.29%
Ar 420.067 R	824804.8	93.775	%	0.2580				0.28%
Scandium-IS	3703822.2	93.479	%	0.4499				0.48%
Yttrium,7440-65-5A	1844538.2	91.449	%	0.4703				0.51%
Yttrium,7440-65-5R	42069.2	92.991	%	1.3171				1.42%
Aluminum,7429-90-5†	54244.0	212.8	mg/L	0.54	212.8	mg/L	0.54	0.25%
QC value within limits for Aluminum,7429-90-5 Recovery = 106.41%								
Antimony,7440-36-0†	3569.6	1.1073	mg/L	0.01331	1.1073	mg/L	0.01331	1.20%
QC value within limits for Antimony,7440-36-0 Recovery = 110.73%								
Arsenic,7440-38-2†	3556.4	0.9930	mg/L	0.00713	0.9930	mg/L	0.00713	0.72%
QC value within limits for Arsenic,7440-38-2 Recovery = 99.30%								
Barium,7440-39-3†	144214.7	0.5274	mg/L	0.00095	0.5274	mg/L	0.00095	0.18%
QC value within limits for Barium,7440-39-3 Recovery = 105.48%								
Beryllium,7440-41-7†	2722135.4	0.5283	mg/L	0.00076	0.5283	mg/L	0.00076	0.14%
QC value within limits for Beryllium,7440-41-7 Recovery = 105.67%								
Boron,7440-42-8†	76121.7	1.0827	mg/L	0.00102	1.0827	mg/L	0.00102	0.09%
QC value within limits for Boron,7440-42-8 Recovery = 108.27%								
Cadmium,7440-43-9†	370131.3	0.9965	mg/L	0.00305	0.9965	mg/L	0.00305	0.31%
QC value within limits for Cadmium,7440-43-9 Recovery = 99.65%								
Calcium,7440-70-2†	174591.8	206.7	mg/L	0.21	206.7	mg/L	0.21	0.10%
QC value within limits for Calcium,7440-70-2 Recovery = 103.37%								
Chromium,7440-47-3†	120002.4	0.5108	mg/L	0.00115	0.5108	mg/L	0.00115	0.22%
QC value within limits for Chromium,7440-47-3 Recovery = 102.16%								
Cobalt,7440-48-4†	37691.6	0.4752	mg/L	0.00330	0.4752	mg/L	0.00330	0.69%
QC value within limits for Cobalt,7440-48-4 Recovery = 95.05%								
Copper,7440-50-8†	248879.2	0.5348	mg/L	0.00081	0.5348	mg/L	0.00081	0.15%
QC value within limits for Copper,7440-50-8 Recovery = 106.96%								
Iron,7439-89-6†	25682.7	84.902	mg/L	0.2402	84.902	mg/L	0.2402	0.28%
QC value within limits for Iron,7439-89-6 Recovery = 106.13%								
Lead,7439-92-1†	15400.6	0.9728	mg/L	0.00859	0.9728	mg/L	0.00859	0.88%
QC value within limits for Lead,7439-92-1 Recovery = 97.28%								
Lithium,7439-93-2†	50.7	0.0042	mg/L	0.00259	0.0042	mg/L	0.00259	61.25%
Magnesium,7439-95-4†	18551.9	205.06	mg/L	0.488	205.06	mg/L	0.488	0.24%
QC value within limits for Magnesium,7439-95-4 Recovery = 102.53%								
Manganese,7439-96-5†	554093.8	0.4923	mg/L	0.00096	0.4923	mg/L	0.00096	0.20%
QC value within limits for Manganese,7439-96-5 Recovery = 98.47%								
Molybdenum,7439-98-7†	41211.3	0.9907	mg/L	0.00674	0.9907	mg/L	0.00674	0.68%
QC value within limits for Molybdenum,7439-98-7 Recovery = 99.07%								
Nickel,7440-02-0†	70643.2	0.9478	mg/L	0.00667	0.9478	mg/L	0.00667	0.70%
QC value within limits for Nickel,7440-02-0 Recovery = 94.78%								
Potassium,7440-09-7†	-7.4	-0.1061	mg/L	0.02373	-0.1061	mg/L	0.02373	22.37%
Selenium,7782-49-2†	2088.8	1.0370	mg/L	0.01362	1.0370	mg/L	0.01362	1.31%
QC value within limits for Selenium,7782-49-2 Recovery = 103.70%								

Silicon,7440-21-3†	11.1	0.1984 mg/L	0.02738	0.1984 mg/L	0.02738	13.80%
Silver,7440-22-4†	387974.5	1.0935 mg/L	0.00119	1.0935 mg/L	0.00119	0.11%
QC value within limits for Silver,7440-22-4 Recovery = 109.35%						
Sodium,7440-23-5†	5446.4	1.1357 mg/L	0.02806	1.1357 mg/L	0.02806	2.47%
Strontium,7440-24-6†	1932.6	0.0026 mg/L	0.00030	0.0026 mg/L	0.00030	11.28%
Thallium,7440-28-0†	8250.3	1.0530 mg/L	0.00689	1.0530 mg/L	0.00689	0.65%
QC value within limits for Thallium,7440-28-0 Recovery = 105.30%						
Tin,7440-31-5†	-301.4	-0.0180 mg/L	0.00206	-0.0180 mg/L	0.00206	11.48%
Titanium,7440-32-6†	18.2	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	9.23%
Vanadium,7440-62-2†	81986.5	0.5024 mg/L	0.00066	0.5024 mg/L	0.00066	0.13%
QC value within limits for Vanadium,7440-62-2 Recovery = 100.49%						
Zinc,7440-66-6†	256300.8	1.0147 mg/L	0.00208	1.0147 mg/L	0.00208	0.20%
QC value within limits for Zinc,7440-66-6 Recovery = 101.47%						
Zirconium,7440-67-7†	-6999.2	-0.0110 mg/L	0.00019	-0.0110 mg/L	0.00019	1.68%

All analyte(s) passed QC.

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Sequence No.: 12 **Autosampler Location: 7**
Sample ID: 1800 **Date Collected: 7/25/2006 10:39:00 AM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:02:44 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	97853.1	99.442	%	0.6473				0.65%
Ar 420.067 R	863591.9	98.185	%	0.2367				0.24%
Scandium-IS	4028558.1	101.67	%	0.623				0.61%
Yttrium,7440-65-5A	2015518.5	99.926	%	0.6050				0.61%
Yttrium,7440-65-5R	43937.0	97.119	%	0.9503				0.98%
Aluminum,7429-90-5†	1298.1	5.100	mg/L	0.1083	5.100	mg/L	0.1083	2.12%
QC value within limits for Aluminum,7429-90-5 Recovery = 102.00%								
Antimony,7440-36-0†	1645.5	0.5092	mg/L	0.00459	0.5092	mg/L	0.00459	0.90%
QC value within limits for Antimony,7440-36-0 Recovery = 101.85%								
Arsenic,7440-38-2†	1723.0	0.4627	mg/L	0.00214	0.4627	mg/L	0.00214	0.46%
QC value within limits for Arsenic,7440-38-2 Recovery = 92.55%								
Barium,7440-39-3†	134052.1	0.4931	mg/L	0.00063	0.4931	mg/L	0.00063	0.13%
QC value within limits for Barium,7440-39-3 Recovery = 98.61%								
Beryllium,7440-41-7†	2521071.6	0.4890	mg/L	0.00215	0.4890	mg/L	0.00215	0.44%
QC value within limits for Beryllium,7440-41-7 Recovery = 97.80%								
Boron,7440-42-8†	180881.5	2.4589	mg/L	0.00690	2.4589	mg/L	0.00690	0.28%
QC value within limits for Boron,7440-42-8 Recovery = 98.36%								
Cadmium,7440-43-9†	180858.4	0.4882	mg/L	0.00115	0.4882	mg/L	0.00115	0.24%
QC value within limits for Cadmium,7440-43-9 Recovery = 97.64%								
Calcium,7440-70-2†	4363.7	5.166	mg/L	0.0210	5.166	mg/L	0.0210	0.41%
QC value within limits for Calcium,7440-70-2 Recovery = 103.32%								
Chromium,7440-47-3†	109243.7	0.4918	mg/L	0.00051	0.4918	mg/L	0.00051	0.10%
QC value within limits for Chromium,7440-47-3 Recovery = 98.35%								
Cobalt,7440-48-4†	38349.9	0.4857	mg/L	0.00100	0.4857	mg/L	0.00100	0.21%
QC value within limits for Cobalt,7440-48-4 Recovery = 97.14%								
Copper,7440-50-8†	225632.3	0.4926	mg/L	0.00106	0.4926	mg/L	0.00106	0.22%
QC value within limits for Copper,7440-50-8 Recovery = 98.52%								
Iron,7439-89-6†	1600.0	5.2896	mg/L	0.06999	5.2896	mg/L	0.06999	1.32%
QC value within limits for Iron,7439-89-6 Recovery = 105.79%								
Lead,7439-92-1†	7820.4	0.4840	mg/L	0.00338	0.4840	mg/L	0.00338	0.70%
QC value within limits for Lead,7439-92-1 Recovery = 96.80%								
Lithium,7439-93-2†	8290.8	0.4964	mg/L	0.00770	0.4964	mg/L	0.00770	1.55%
QC value within limits for Lithium,7439-93-2 Recovery = 99.28%								
Magnesium,7439-95-4†	461.0	5.0986	mg/L	0.13697	5.0986	mg/L	0.13697	2.69%
QC value within limits for Magnesium,7439-95-4 Recovery = 101.97%								
Manganese,7439-96-5†	566425.2	0.5016	mg/L	0.00097	0.5016	mg/L	0.00097	0.19%
QC value within limits for Manganese,7439-96-5 Recovery = 100.32%								
Molybdenum,7439-98-7†	20251.2	0.4864	mg/L	0.00295	0.4864	mg/L	0.00295	0.61%
QC value within limits for Molybdenum,7439-98-7 Recovery = 97.29%								
Nickel,7440-02-0†	36588.8	0.4914	mg/L	0.00046	0.4914	mg/L	0.00046	0.09%
QC value within limits for Nickel,7440-02-0 Recovery = 98.28%								
Potassium,7440-09-7†	19933.1	9.6681	mg/L	0.04512	9.6681	mg/L	0.04512	0.47%
QC value within limits for Potassium,7440-09-7 Recovery = 96.68%								

Selenium,7782-49-2†	1049.4	0.4984 mg/L	0.00319	0.4984 mg/L	0.00319	0.64%
QC value within limits for Selenium,7782-49-2 Recovery = 99.67%						
Silicon,7440-21-3†	73.2	0.5982 mg/L	0.01635	0.5982 mg/L	0.01635	2.73%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 119.64%						
Silver,7440-22-4†	178221.8	0.4955 mg/L	0.00050	0.4955 mg/L	0.00050	0.10%
QC value within limits for Silver,7440-22-4 Recovery = 99.11%						
Sodium,7440-23-5†	90804.0	19.467 mg/L	0.1326	19.467 mg/L	0.1326	0.68%
QC value within limits for Sodium,7440-23-5 Recovery = 97.33%						
Strontium,7440-24-6†	141315.9	0.5072 mg/L	0.00528	0.5072 mg/L	0.00528	1.04%
QC value within limits for Strontium,7440-24-6 Recovery = 101.44%						
Thallium,7440-28-0†	3843.6	0.4957 mg/L	0.00287	0.4957 mg/L	0.00287	0.58%
QC value within limits for Thallium,7440-28-0 Recovery = 99.15%						
Tin,7440-31-5†	6983.4	0.4827 mg/L	0.00450	0.4827 mg/L	0.00450	0.93%
QC value within limits for Tin,7440-31-5 Recovery = 96.53%						
Titanium,7440-32-6†	329249.5	0.4958 mg/L	0.00224	0.4958 mg/L	0.00224	0.45%
QC value within limits for Titanium,7440-32-6 Recovery = 99.15%						
Vanadium,7440-62-2†	79008.6	0.4847 mg/L	0.00035	0.4847 mg/L	0.00035	0.07%
QC value within limits for Vanadium,7440-62-2 Recovery = 96.95%						
Zinc,7440-66-6†	122556.1	0.4927 mg/L	0.00020	0.4927 mg/L	0.00020	0.04%
QC value within limits for Zinc,7440-66-6 Recovery = 98.53%						
Zirconium,7440-67-7†	276712.4	0.4915 mg/L	0.00025	0.4915 mg/L	0.00025	0.05%
QC value within limits for Zirconium,7440-67-7 Recovery = 98.29%						

QC Failed. Continue with analysis.

Sequence No.: 13 **Autosampler Location: 1**
Sample ID: 1900 **Date Collected: 7/25/2006 10:45:54 AM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:02:46 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98407.2	100.01	%	0.620				0.62%
Ar 420.067 R	864307.2	98.266	%	0.1401				0.14%
Scandium-IS	4046501.9	102.13	%	0.253				0.25%
Yttrium,7440-65-5A	2054415.6	101.85	%	0.228				0.22%
Yttrium,7440-65-5R	44844.3	99.125	%	0.0639				0.06%
Aluminum,7429-90-5†	-4.4	-0.018	mg/L	0.0089	-0.018	mg/L	0.0089	50.77%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	3.2	0.0010	mg/L	0.00247	0.0010	mg/L	0.00247	246.68%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	2.5	0.0007	mg/L	0.00254	0.0007	mg/L	0.00254	383.56%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	32.1	0.0001	mg/L	0.00032	0.0001	mg/L	0.00032	271.19%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	262.2	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	66.61%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	3179.1	0.0432	mg/L	0.00253	0.0432	mg/L	0.00253	5.87%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	-23.0	-0.0001	mg/L	0.00016	-0.0001	mg/L	0.00016	246.93%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	3.4	0.004	mg/L	0.0050	0.004	mg/L	0.0050	123.42%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-3.2	0.0000	mg/L	0.00027	0.0000	mg/L	0.00027	>999.9%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	8.3	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	143.78%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	325.0	0.0007	mg/L	0.00015	0.0007	mg/L	0.00015	21.55%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	3.3	0.0108	mg/L	0.00498	0.0108	mg/L	0.00498	46.12%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	-13.6	-0.0008	mg/L	0.00069	-0.0008	mg/L	0.00069	81.86%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	-21.6	-0.0013	mg/L	0.00366	-0.0013	mg/L	0.00366	283.80%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	1.6	0.0172	mg/L	0.01280	0.0172	mg/L	0.01280	74.25%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								

Manganese,7439-96-5†	87.8	0.0001 mg/L	0.00011	0.0001 mg/L	0.00011	146.08%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated						
Molybdenum,7439-98-7†	46.9	0.0011 mg/L	0.00017	0.0011 mg/L	0.00017	14.71%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated						
Nickel,7440-02-0†	55.7	0.0007 mg/L	0.00008	0.0007 mg/L	0.00008	10.44%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated						
Potassium,7440-09-7†	79.7	0.0386 mg/L	0.01203	0.0386 mg/L	0.01203	31.20%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated						
Selenium,7782-49-2†	5.5	0.0026 mg/L	0.00067	0.0026 mg/L	0.00067	26.07%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated						
Silicon,7440-21-3†	7.8	0.0632 mg/L	0.01004	0.0632 mg/L	0.01004	15.88%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated						
Silver,7440-22-4†	80.8	0.0002 mg/L	0.00025	0.0002 mg/L	0.00025	110.58%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated						
Sodium,7440-23-5†	-227.5	-0.0487 mg/L	0.02991	-0.0487 mg/L	0.02991	61.41%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated						
Strontium,7440-24-6†	-49.2	-0.0002 mg/L	0.00007	-0.0002 mg/L	0.00007	41.78%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated						
Thallium,7440-28-0†	6.7	0.0010 mg/L	0.00038	0.0010 mg/L	0.00038	37.62%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated						
Tin,7440-31-5†	-17.5	-0.0012 mg/L	0.00038	-0.0012 mg/L	0.00038	31.58%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated						
Titanium,7440-32-6†	19964.4	0.0301 mg/L	0.05182	0.0301 mg/L	0.05182	172.36%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated						
Vanadium,7440-62-2†	-307.0	-0.0019 mg/L	0.00013	-0.0019 mg/L	0.00013	6.81%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6†	-722.9	-0.0029 mg/L	0.00008	-0.0029 mg/L	0.00008	2.72%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7†	8005.3	0.0142 mg/L	0.02322	0.0142 mg/L	0.02322	163.35%
QC value greater than the upper limit for Zirconium,7440-67-7 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 14
Sample ID: 393096
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 17
Date Collected: 7/25/2006 10:52:28 AM
Data Type: Reprocessed on 7/26/2006 8:02:49 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 393096

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	99413.5	101.03	%	0.194				0.19%
Ar 420.067 R	872422.1	99.189	%	0.2056				0.21%
Scandium-IS	4121618.3	104.02	%	0.340				0.33%
Yttrium,7440-65-5A	2090051.3	103.62	%	0.388				0.37%
Yttrium,7440-65-5R	45453.3	100.47	%	0.868				0.86%
Aluminum,7429-90-5†	1.9	0.007	mg/L	0.0180	0.007	mg/L	0.0180	245.39%
Antimony,7440-36-0†	3.6	0.0011	mg/L	0.00328	0.0011	mg/L	0.00328	295.33%
Arsenic,7440-38-2†	-13.0	-0.0035	mg/L	0.00152	-0.0035	mg/L	0.00152	43.64%
Barium,7440-39-3†	0.4	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	>999.9%
Beryllium,7440-41-7†	187.2	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	66.04%
Boron,7440-42-8†	1754.3	0.0238	mg/L	0.00076	0.0238	mg/L	0.00076	3.19%
Cadmium,7440-43-9†	-0.3	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	>999.9%
Calcium,7440-70-2†	1.2	0.001	mg/L	0.0064	0.001	mg/L	0.0064	463.43%
Chromium,7440-47-3†	-17.3	-0.0001	mg/L	0.00013	-0.0001	mg/L	0.00013	157.62%
Cobalt,7440-48-4†	29.7	0.0004	mg/L	0.00021	0.0004	mg/L	0.00021	56.40%
Copper,7440-50-8†	-557.1	-0.0012	mg/L	0.00014	-0.0012	mg/L	0.00014	11.15%
Iron,7439-89-6†	0.4	0.0013	mg/L	0.00289	0.0013	mg/L	0.00289	222.53%
Lead,7439-92-1†	-20.0	-0.0012	mg/L	0.00115	-0.0012	mg/L	0.00115	93.41%
Lithium,7439-93-2†	24.0	0.0014	mg/L	0.00135	0.0014	mg/L	0.00135	94.46%
Magnesium,7439-95-4†	2.7	0.0299	mg/L	0.03119	0.0299	mg/L	0.03119	104.43%
Manganese,7439-96-5†	-172.1	-0.0002	mg/L	0.00002	-0.0002	mg/L	0.00002	11.78%
Molybdenum,7439-98-7†	40.7	0.0010	mg/L	0.00032	0.0010	mg/L	0.00032	32.62%
Nickel,7440-02-0†	-5.2	-0.0001	mg/L	0.00021	-0.0001	mg/L	0.00021	308.42%
Potassium,7440-09-7†	14.6	0.0071	mg/L	0.01880	0.0071	mg/L	0.01880	265.75%
Selenium,7782-49-2†	-0.6	-0.0003	mg/L	0.00272	-0.0003	mg/L	0.00272	>999.9%
Silicon,7440-21-3†	9.9	0.0794	mg/L	0.02304	0.0794	mg/L	0.02304	29.01%
Silver,7440-22-4†	172.7	0.0005	mg/L	0.00019	0.0005	mg/L	0.00019	40.77%

Sodium,7440-23-5†	-469.0	-0.1006 mg/L	0.00067	-0.1006 mg/L	0.00067	0.67%
Strontium,7440-24-6†	-34.2	-0.0001 mg/L	0.00004	-0.0001 mg/L	0.00004	36.38%
Thallium,7440-28-0†	11.4	0.0014 mg/L	0.00060	0.0014 mg/L	0.00060	41.60%
Tin,7440-31-5†	-56.0	-0.0039 mg/L	0.00019	-0.0039 mg/L	0.00019	4.85%
Titanium,7440-32-6†	56.9	0.0001 mg/L	0.00002	0.0001 mg/L	0.00002	20.10%
Vanadium,7440-62-2†	-368.5	-0.0023 mg/L	0.00004	-0.0023 mg/L	0.00004	1.56%
Zinc,7440-66-6†	-961.3	-0.0039 mg/L	0.00005	-0.0039 mg/L	0.00005	1.33%
Zirconium,7440-67-7†	-84.1	-0.0001 mg/L	0.00014	-0.0001 mg/L	0.00014	96.71%

Sequence No.: 15
Sample ID: 393097
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 18
Date Collected: 7/25/2006 10:59:02 AM
Data Type: Reprocessed on 7/26/2006 8:02:51 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 393097

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98562.2	100.16	%	0.442				0.44%
Ar 420.067 R	869927.2	98.905	%	0.1347				0.14%
Scandium-IS	4033564.1	101.80	%	0.897				0.88%
Yttrium,7440-65-5A	2016571.5	99.978	%	0.8718				0.87%
Yttrium,7440-65-5R	44564.5	98.506	%	0.2057				0.21%
Aluminum,7429-90-5†	1308.0	5.139	mg/L	0.0018	5.139	mg/L	0.0018	0.04%
Antimony,7440-36-0†	1695.4	0.5247	mg/L	0.01403	0.5247	mg/L	0.01403	2.67%
Arsenic,7440-38-2†	1791.8	0.4812	mg/L	0.01201	0.4812	mg/L	0.01201	2.50%
Barium,7440-39-3†	136844.3	0.5033	mg/L	0.01161	0.5033	mg/L	0.01161	2.31%
Beryllium,7440-41-7†	2566819.0	0.4979	mg/L	0.00148	0.4979	mg/L	0.00148	0.30%
Boron,7440-42-8†	182533.8	2.4814	mg/L	0.07277	2.4814	mg/L	0.07277	2.93%
Cadmium,7440-43-9†	185038.4	0.4995	mg/L	0.01173	0.4995	mg/L	0.01173	2.35%
Calcium,7440-70-2†	4568.1	5.408	mg/L	0.0354	5.408	mg/L	0.0354	0.66%
Chromium,7440-47-3†	111459.6	0.5018	mg/L	0.01168	0.5018	mg/L	0.01168	2.33%
Cobalt,7440-48-4†	39433.7	0.4994	mg/L	0.01199	0.4994	mg/L	0.01199	2.40%
Copper,7440-50-8†	229427.8	0.5009	mg/L	0.01340	0.5009	mg/L	0.01340	2.67%
Iron,7439-89-6†	1621.9	5.3622	mg/L	0.02469	5.3622	mg/L	0.02469	0.46%
Lead,7439-92-1†	8078.2	0.4999	mg/L	0.01091	0.4999	mg/L	0.01091	2.18%
Lithium,7439-93-2†	8273.4	0.4954	mg/L	0.00791	0.4954	mg/L	0.00791	1.60%
Magnesium,7439-95-4†	466.6	5.1606	mg/L	0.02658	5.1606	mg/L	0.02658	0.51%
Manganese,7439-96-5†	571013.3	0.5057	mg/L	0.01213	0.5057	mg/L	0.01213	2.40%
Molybdenum,7439-98-7†	20624.7	0.4954	mg/L	0.00985	0.4954	mg/L	0.00985	1.99%
Nickel,7440-02-0†	37512.4	0.5038	mg/L	0.01164	0.5038	mg/L	0.01164	2.31%
Potassium,7440-09-7†	20613.7	9.9984	mg/L	0.08953	9.9984	mg/L	0.08953	0.90%
Selenium,7782-49-2†	1096.5	0.5206	mg/L	0.00982	0.5206	mg/L	0.00982	1.89%
Silicon,7440-21-3†	70.4	0.5752	mg/L	0.00597	0.5752	mg/L	0.00597	1.04%
Silver,7440-22-4†	181985.3	0.5060	mg/L	0.01268	0.5060	mg/L	0.01268	2.51%
Sodium,7440-23-5†	91699.1	19.659	mg/L	0.1817	19.659	mg/L	0.1817	0.92%
Strontium,7440-24-6†	140799.0	0.5053	mg/L	0.00505	0.5053	mg/L	0.00505	1.00%
Thallium,7440-28-0†	3957.7	0.5104	mg/L	0.01091	0.5104	mg/L	0.01091	2.14%
Tin,7440-31-5†	7114.2	0.4917	mg/L	0.01026	0.4917	mg/L	0.01026	2.09%
Titanium,7440-32-6†	334782.1	0.5041	mg/L	0.00187	0.5041	mg/L	0.00187	0.37%
Vanadium,7440-62-2†	80409.3	0.4933	mg/L	0.01191	0.4933	mg/L	0.01191	2.41%
Zinc,7440-66-6†	126442.7	0.5083	mg/L	0.01269	0.5083	mg/L	0.01269	2.50%
Zirconium,7440-67-7†	687.2	0.0011	mg/L	0.00048	0.0011	mg/L	0.00048	42.56%

Sequence No.: 16
Sample ID: 20607196507
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 19
Date Collected: 7/25/2006 11:05:57 AM
Data Type: Reprocessed on 7/26/2006 8:02:53 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607196507

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	95756.7	97.312	%	0.1135				0.12%
Ar 420.067 R	864461.8	98.284	%	0.2419				0.25%

Scandium-IS	4055155.3	102.35 %	0.906				0.89%
Yttrium,7440-65-5A	2035382.0	100.91 %	0.869				0.86%
Yttrium,7440-65-5R	45025.7	99.526 %	1.8609				1.87%
Aluminum,7429-90-5†	4.3	0.016 mg/L	0.0237	0.016	mg/L	0.0237	146.70%
Antimony,7440-36-0†	5.9	0.0019 mg/L	0.00269	0.0019	mg/L	0.00269	139.04%
Arsenic,7440-38-2†	-9.4	-0.0027 mg/L	0.00186	-0.0027	mg/L	0.00186	69.00%
Barium,7440-39-3†	10332.3	0.0379 mg/L	0.00026	0.0379	mg/L	0.00026	0.70%
Beryllium,7440-41-7†	5.9	0.0000 mg/L	0.00002	0.0000	mg/L	0.00002	161.55%
Boron,7440-42-8†	4401.3	0.0593 mg/L	0.00304	0.0593	mg/L	0.00304	5.13%
Cadmium,7440-43-9†	-488.1	-0.0013 mg/L	0.00005	-0.0013	mg/L	0.00005	4.07%
Calcium,7440-70-2†	35792.5	42.39 mg/L	0.164	42.39	mg/L	0.164	0.39%
Chromium,7440-47-3†	335.6	0.0014 mg/L	0.00009	0.0014	mg/L	0.00009	6.40%
Cobalt,7440-48-4†	7.2	0.0001 mg/L	0.00013	0.0001	mg/L	0.00013	151.85%
Copper,7440-50-8†	182.4	-0.0023 mg/L	0.00021	-0.0023	mg/L	0.00021	9.47%
Iron,7439-89-6†	11.8	0.0399 mg/L	0.00486	0.0399	mg/L	0.00486	12.17%
Lead,7439-92-1†	-14.1	-0.0006 mg/L	0.00036	-0.0006	mg/L	0.00036	65.29%
Lithium,7439-93-2†	36.7	0.0022 mg/L	0.00156	0.0022	mg/L	0.00156	69.96%
Magnesium,7439-95-4†	620.1	6.8528 mg/L	0.12399	6.8528	mg/L	0.12399	1.81%
Manganese,7439-96-5†	120857.0	0.1072 mg/L	0.00013	0.1072	mg/L	0.00013	0.12%
Molybdenum,7439-98-7†	110.1	0.0025 mg/L	0.00029	0.0025	mg/L	0.00029	11.68%
Nickel,7440-02-0†	-1.4	0.0000 mg/L	0.00026	0.0000	mg/L	0.00026	888.66%
Potassium,7440-09-7†	1899.8	0.9142 mg/L	0.01223	0.9142	mg/L	0.01223	1.34%
Selenium,7782-49-2†	-19.9	-0.0087 mg/L	0.00359	-0.0087	mg/L	0.00359	41.02%
Silicon,7440-21-3†	393.4	3.1654 mg/L	0.06448	3.1654	mg/L	0.06448	2.04%
Silver,7440-22-4†	271.0	0.0007 mg/L	0.00013	0.0007	mg/L	0.00013	18.21%
Sodium,7440-23-5†	6684.4	1.4328 mg/L	0.03670	1.4328	mg/L	0.03670	2.56%
Strontium,7440-24-6†	12579.2	0.0443 mg/L	0.00020	0.0443	mg/L	0.00020	0.44%
Thallium,7440-28-0†	11.7	0.0016 mg/L	0.00081	0.0016	mg/L	0.00081	49.89%
Tin,7440-31-5†	-182.8	-0.0114 mg/L	0.00092	-0.0114	mg/L	0.00092	8.04%
Titanium,7440-32-6†	128.6	0.0002 mg/L	0.00007	0.0002	mg/L	0.00007	37.61%
Vanadium,7440-62-2†	-620.5	-0.0036 mg/L	0.00025	-0.0036	mg/L	0.00025	7.04%
Zinc,7440-66-6†	-375.2	-0.0026 mg/L	0.00007	-0.0026	mg/L	0.00007	2.72%
Zirconium,7440-67-7†	-4381.0	-0.0074 mg/L	0.00006	-0.0074	mg/L	0.00006	0.76%

Sequence No.: 17
Sample ID: 20607196508
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 20
Date Collected: 7/25/2006 11:12:33 AM
Data Type: Reprocessed on 7/26/2006 8:02:56 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607196508

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	95682.1	97.236	%	0.1194				0.12%
Ar 420.067 R	865237.5	98.372	%	0.3974				0.40%
Scandium-IS	3999861.7	100.95	%	0.346				0.34%
Yttrium,7440-65-5A	1996841.2	99.000	%	0.3546				0.36%
Yttrium,7440-65-5R	44025.4	97.315	%	1.0482				1.08%
Aluminum,7429-90-5†	1326.8	5.212	mg/L	0.0539	5.212	mg/L	0.0539	1.03%
Antimony,7440-36-0†	1742.6	0.5394	mg/L	0.00856	0.5394	mg/L	0.00856	1.59%
Arsenic,7440-38-2†	1814.8	0.4872	mg/L	0.00494	0.4872	mg/L	0.00494	1.01%
Barium,7440-39-3†	147562.8	0.5427	mg/L	0.00024	0.5427	mg/L	0.00024	0.05%
Beryllium,7440-41-7†	2638399.9	0.5117	mg/L	0.00054	0.5117	mg/L	0.00054	0.11%
Boron,7440-42-8†	192595.2	2.6176	mg/L	0.01039	2.6176	mg/L	0.01039	0.40%
Cadmium,7440-43-9†	186127.7	0.5024	mg/L	0.00069	0.5024	mg/L	0.00069	0.14%
Calcium,7440-70-2†	39048.9	46.25	mg/L	0.123	46.25	mg/L	0.123	0.27%
Chromium,7440-47-3†	114117.5	0.5136	mg/L	0.00036	0.5136	mg/L	0.00036	0.07%
Cobalt,7440-48-4†	39087.8	0.4950	mg/L	0.00494	0.4950	mg/L	0.00494	1.00%
Copper,7440-50-8†	230463.8	0.5006	mg/L	0.00086	0.5006	mg/L	0.00086	0.17%
Iron,7439-89-6†	1659.0	5.4857	mg/L	0.07820	5.4857	mg/L	0.07820	1.43%
Lead,7439-92-1†	8151.9	0.5048	mg/L	0.00361	0.5048	mg/L	0.00361	0.72%
Lithium,7439-93-2†	8781.7	0.5258	mg/L	0.01250	0.5258	mg/L	0.01250	2.38%
Magnesium,7439-95-4†	1070.0	11.828	mg/L	0.1585	11.828	mg/L	0.1585	1.34%
Manganese,7439-96-5†	693058.3	0.6139	mg/L	0.00078	0.6139	mg/L	0.00078	0.13%
Molybdenum,7439-98-7†	21296.4	0.5114	mg/L	0.00487	0.5114	mg/L	0.00487	0.95%
Nickel,7440-02-0†	36704.3	0.4930	mg/L	0.00426	0.4930	mg/L	0.00426	0.86%
Potassium,7440-09-7†	22807.1	11.055	mg/L	0.0641	11.055	mg/L	0.0641	0.58%
Selenium,7782-49-2†	1103.8	0.5247	mg/L	0.00750	0.5247	mg/L	0.00750	1.43%

Silicon,7440-21-3†	457.1	3.6876 mg/L	0.05836	3.6876 mg/L	0.05836	1.58%
Silver,7440-22-4†	185589.2	0.5160 mg/L	0.00092	0.5160 mg/L	0.00092	0.18%
Sodium,7440-23-5†	100357.7	21.515 mg/L	0.1315	21.515 mg/L	0.1315	0.61%
Strontium,7440-24-6†	154248.4	0.5528 mg/L	0.00192	0.5528 mg/L	0.00192	0.35%
Thallium,7440-28-0†	4027.0	0.5194 mg/L	0.00151	0.5194 mg/L	0.00151	0.29%
Tin,7440-31-5†	7200.4	0.4988 mg/L	0.00534	0.4988 mg/L	0.00534	1.07%
Titanium,7440-32-6†	341809.6	0.5147 mg/L	0.00059	0.5147 mg/L	0.00059	0.12%
Vanadium,7440-62-2†	82234.5	0.5047 mg/L	0.00036	0.5047 mg/L	0.00036	0.07%
Zinc,7440-66-6†	124240.3	0.4984 mg/L	0.00056	0.4984 mg/L	0.00056	0.11%
Zirconium,7440-67-7†	-3934.8	-0.0068 mg/L	0.00023	-0.0068 mg/L	0.00023	3.39%

Sequence No.: 18
Sample ID: 20607196509
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 21
Date Collected: 7/25/2006 11:18:43 AM
Data Type: Reprocessed on 7/26/2006 8:02:58 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607196509

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	95564.0	97.116	%	0.2802				0.29%
Ar 420.067 R	861864.3	97.989	%	0.3785				0.39%
Scandium-IS	4006713.6	101.12	%	1.073				1.06%
Yttrium,7440-65-5A	2002011.0	99.256	%	1.0330				1.04%
Yttrium,7440-65-5R	44111.9	97.506	%	0.3373				0.35%
Aluminum,7429-90-5†	1377.6	5.412	mg/L	0.0287	5.412	mg/L	0.0287	0.53%
Antimony,7440-36-0†	1792.0	0.5547	mg/L	0.00634	0.5547	mg/L	0.00634	1.14%
Arsenic,7440-38-2†	1867.5	0.5013	mg/L	0.00554	0.5013	mg/L	0.00554	1.11%
Barium,7440-39-3†	150291.8	0.5527	mg/L	0.00546	0.5527	mg/L	0.00546	0.99%
Beryllium,7440-41-7†	2688770.9	0.5215	mg/L	0.00098	0.5215	mg/L	0.00098	0.19%
Boron,7440-42-8†	197279.1	2.6813	mg/L	0.02445	2.6813	mg/L	0.02445	0.91%
Cadmium,7440-43-9†	189641.9	0.5119	mg/L	0.00493	0.5119	mg/L	0.00493	0.96%
Calcium,7440-70-2†	38211.6	45.26	mg/L	0.312	45.26	mg/L	0.312	0.69%
Chromium,7440-47-3†	116155.5	0.5228	mg/L	0.00509	0.5228	mg/L	0.00509	0.97%
Cobalt,7440-48-4†	40005.4	0.5066	mg/L	0.00469	0.5066	mg/L	0.00469	0.93%
Copper,7440-50-8†	237112.3	0.5152	mg/L	0.00481	0.5152	mg/L	0.00481	0.93%
Iron,7439-89-6†	1716.5	5.6756	mg/L	0.04723	5.6756	mg/L	0.04723	0.83%
Lead,7439-92-1†	8316.3	0.5150	mg/L	0.00453	0.5150	mg/L	0.00453	0.88%
Lithium,7439-93-2†	8817.4	0.5280	mg/L	0.00693	0.5280	mg/L	0.00693	1.31%
Magnesium,7439-95-4†	1074.3	11.876	mg/L	0.0562	11.876	mg/L	0.0562	0.47%
Manganese,7439-96-5†	706311.8	0.6257	mg/L	0.00616	0.6257	mg/L	0.00616	0.98%
Molybdenum,7439-98-7†	21624.2	0.5193	mg/L	0.00531	0.5193	mg/L	0.00531	1.02%
Nickel,7440-02-0†	38034.6	0.5108	mg/L	0.00490	0.5108	mg/L	0.00490	0.96%
Potassium,7440-09-7†	23285.9	11.288	mg/L	0.1692	11.288	mg/L	0.1692	1.50%
Selenium,7782-49-2†	1142.7	0.5432	mg/L	0.00745	0.5432	mg/L	0.00745	1.37%
Silicon,7440-21-3†	453.2	3.6568	mg/L	0.00684	3.6568	mg/L	0.00684	0.19%
Silver,7440-22-4†	191089.8	0.5313	mg/L	0.00507	0.5313	mg/L	0.00507	0.96%
Sodium,7440-23-5†	102290.0	21.929	mg/L	0.3199	21.929	mg/L	0.3199	1.46%
Strontium,7440-24-6†	156713.6	0.5617	mg/L	0.00310	0.5617	mg/L	0.00310	0.55%
Thallium,7440-28-0†	4117.4	0.5311	mg/L	0.00502	0.5311	mg/L	0.00502	0.95%
Tin,7440-31-5†	7279.4	0.5042	mg/L	0.00452	0.5042	mg/L	0.00452	0.90%
Titanium,7440-32-6†	346407.3	0.5216	mg/L	0.00103	0.5216	mg/L	0.00103	0.20%
Vanadium,7440-62-2†	84396.3	0.5180	mg/L	0.00485	0.5180	mg/L	0.00485	0.94%
Zinc,7440-66-6†	127058.3	0.5097	mg/L	0.00492	0.5097	mg/L	0.00492	0.97%
Zirconium,7440-67-7†	-4135.8	-0.0071	mg/L	0.00016	-0.0071	mg/L	0.00016	2.23%

Sequence No.: 19
Sample ID: 393846
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 22
Date Collected: 7/25/2006 11:25:38 AM
Data Type: Reprocessed on 7/26/2006 8:03:00 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 393846

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Ar 363.268 A	95790.7	97.346 %	0.1902				0.20%
Ar 420.067 R	863580.5	98.184 %	0.3778				0.38%
Scandium-IS	4034915.6	101.83 %	0.487				0.48%
Yttrium,7440-65-5A	2016237.2	99.961 %	0.4829				0.48%
Yttrium,7440-65-5R	44621.7	98.633 %	1.3087				1.33%
Aluminum,7429-90-5†	1286.7	5.055 mg/L	0.1068	5.055	mg/L	0.1068	2.11%
Antimony,7440-36-0†	1690.6	0.5233 mg/L	0.00614	0.5233	mg/L	0.00614	1.17%
Arsenic,7440-38-2†	1766.6	0.4742 mg/L	0.00325	0.4742	mg/L	0.00325	0.69%
Barium,7440-39-3†	144756.1	0.5324 mg/L	0.00371	0.5324	mg/L	0.00371	0.70%
Beryllium,7440-41-7†	2558848.7	0.4963 mg/L	0.00232	0.4963	mg/L	0.00232	0.47%
Boron,7440-42-8†	191498.1	2.6026 mg/L	0.01669	2.6026	mg/L	0.01669	0.64%
Cadmium,7440-43-9†	181422.7	0.4897 mg/L	0.00395	0.4897	mg/L	0.00395	0.81%
Calcium,7440-70-2†	39085.3	46.29 mg/L	0.398	46.29	mg/L	0.398	0.86%
Chromium,7440-47-3†	111542.2	0.5021 mg/L	0.00387	0.5021	mg/L	0.00387	0.77%
Cobalt,7440-48-4†	38007.9	0.4813 mg/L	0.00518	0.4813	mg/L	0.00518	1.08%
Copper,7440-50-8†	226240.4	0.4913 mg/L	0.00293	0.4913	mg/L	0.00293	0.60%
Iron,7439-89-6†	1620.9	5.3597 mg/L	0.09021	5.3597	mg/L	0.09021	1.68%
Lead,7439-92-1†	7909.8	0.4898 mg/L	0.00520	0.4898	mg/L	0.00520	1.06%
Lithium,7439-93-2†	8483.8	0.5080 mg/L	0.00261	0.5080	mg/L	0.00261	0.51%
Magnesium,7439-95-4†	1057.2	11.687 mg/L	0.2123	11.687	mg/L	0.2123	1.82%
Manganese,7439-96-5†	687216.6	0.6088 mg/L	0.00441	0.6088	mg/L	0.00441	0.72%
Molybdenum,7439-98-7†	20568.3	0.4939 mg/L	0.00479	0.4939	mg/L	0.00479	0.97%
Nickel,7440-02-0†	36257.0	0.4870 mg/L	0.00367	0.4870	mg/L	0.00367	0.75%
Potassium,7440-09-7†	22426.3	10.871 mg/L	0.0232	10.871	mg/L	0.0232	0.21%
Selenium,7782-49-2†	1071.8	0.5096 mg/L	0.00726	0.5096	mg/L	0.00726	1.42%
Silicon,7440-21-3†	453.1	3.6550 mg/L	0.06356	3.6550	mg/L	0.06356	1.74%
Silver,7440-22-4†	181105.0	0.5035 mg/L	0.00315	0.5035	mg/L	0.00315	0.62%
Sodium,7440-23-5†	98517.5	21.120 mg/L	0.0787	21.120	mg/L	0.0787	0.37%
Strontium,7440-24-6†	150315.1	0.5387 mg/L	0.00456	0.5387	mg/L	0.00456	0.85%
Thallium,7440-28-0†	3922.4	0.5060 mg/L	0.00286	0.5060	mg/L	0.00286	0.57%
Tin,7440-31-5†	6920.5	0.4795 mg/L	0.00526	0.4795	mg/L	0.00526	1.10%
Titanium,7440-32-6†	331565.3	0.4992 mg/L	0.00210	0.4992	mg/L	0.00210	0.42%
Vanadium,7440-62-2†	80868.9	0.4964 mg/L	0.00428	0.4964	mg/L	0.00428	0.86%
Zinc,7440-66-6†	120610.6	0.4838 mg/L	0.00372	0.4838	mg/L	0.00372	0.77%
Zirconium,7440-67-7†	-4387.8	-0.0076 mg/L	0.00020	-0.0076	mg/L	0.00020	2.62%

Sequence No.: 20
Sample ID: 393847
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 5X

Autosampler Location: 23
Date Collected: 7/25/2006 11:32:33 AM
Data Type: Reprocessed on 7/26/2006 8:03:03 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 393847

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	97952.0	99.543	%	0.3322				0.33%
Ar 420.067 R	867484.6	98.628	%	0.0697				0.07%
Scandium-IS	4083656.2	103.07	%	1.093				1.06%
Yttrium,7440-65-5A	2061128.5	102.19	%	1.071				1.05%
Yttrium,7440-65-5R	45173.2	99.852	%	1.5703				1.57%
Aluminum,7429-90-5†	1.4	0.005	mg/L	0.0126	0.027	mg/L	0.0629	231.55%
Antimony,7440-36-0†	-1.8	-0.0005	mg/L	0.00349	-0.0027	mg/L	0.01745	651.41%
Arsenic,7440-38-2†	-5.6	-0.0015	mg/L	0.00533	-0.0077	mg/L	0.02663	343.66%
Barium,7440-39-3†	2071.6	0.0076	mg/L	0.00009	0.0380	mg/L	0.00043	1.14%
Beryllium,7440-41-7†	295.4	0.0001	mg/L	0.00001	0.0003	mg/L	0.00003	9.76%
Boron,7440-42-8†	5353.6	0.0726	mg/L	0.00331	0.3629	mg/L	0.01657	4.57%
Cadmium,7440-43-9†	-60.0	-0.0002	mg/L	0.00006	-0.0008	mg/L	0.00030	35.65%
Calcium,7440-70-2†	7117.2	8.430	mg/L	0.0058	42.15	mg/L	0.029	0.07%
Chromium,7440-47-3†	68.4	0.0003	mg/L	0.00011	0.0014	mg/L	0.00057	40.27%
Cobalt,7440-48-4†	15.2	0.0002	mg/L	0.00013	0.0010	mg/L	0.00067	70.08%
Copper,7440-50-8†	215.1	-0.0001	mg/L	0.00007	-0.0003	mg/L	0.00033	111.71%
Iron,7439-89-6†	4.1	0.0138	mg/L	0.00567	0.0691	mg/L	0.02833	41.01%
Lead,7439-92-1†	2.0	0.0002	mg/L	0.00062	0.0009	mg/L	0.00311	329.66%
Lithium,7439-93-2†	57.1	0.0034	mg/L	0.00278	0.0171	mg/L	0.01388	81.06%
Magnesium,7439-95-4†	127.8	1.4124	mg/L	0.05834	7.0618	mg/L	0.29171	4.13%
Manganese,7439-96-5†	24698.5	0.0219	mg/L	0.00001	0.1096	mg/L	0.00007	0.07%
Molybdenum,7439-98-7†	87.6	0.0021	mg/L	0.00012	0.0104	mg/L	0.00058	5.60%
Nickel,7440-02-0†	45.7	0.0006	mg/L	0.00032	0.0031	mg/L	0.00159	52.06%

Potassium,7440-09-7†	438.6	0.2113	mg/L	0.02278	1.0565	mg/L	0.11392	10.78%
Selenium,7782-49-2†	-10.1	-0.0046	mg/L	0.00216	-0.0231	mg/L	0.01080	46.71%
Silicon,7440-21-3†	82.5	0.6639	mg/L	0.03645	3.3195	mg/L	0.18223	5.49%
Silver,7440-22-4†	101.4	0.0003	mg/L	0.00014	0.0014	mg/L	0.00068	50.25%
Sodium,7440-23-5†	937.2	0.2009	mg/L	0.01586	1.0044	mg/L	0.07929	7.89%
Strontium,7440-24-6†	2469.0	0.0087	mg/L	0.00022	0.0435	mg/L	0.00112	2.58%
Thallium,7440-28-0†	6.5	0.0008	mg/L	0.00017	0.0042	mg/L	0.00085	20.30%
Tin,7440-31-5†	-25.5	-0.0015	mg/L	0.00073	-0.0076	mg/L	0.00365	47.89%
Titanium,7440-32-6†	80.5	0.0001	mg/L	0.00013	0.0006	mg/L	0.00064	104.94%
Vanadium,7440-62-2†	-443.0	-0.0027	mg/L	0.00031	-0.0134	mg/L	0.00156	11.65%
Zinc,7440-66-6†	1207.8	0.0047	mg/L	0.00013	0.0235	mg/L	0.00066	2.83%
Zirconium,7440-67-7†	-1620.4	-0.0028	mg/L	0.00027	-0.0141	mg/L	0.00133	9.44%

Sequence No.: 21
Sample ID: 20607212411
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 24
Date Collected: 7/25/2006 11:39:09 AM
Data Type: Reprocessed on 7/26/2006 8:03:05 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607212411

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	97640.1	99.226	%	0.3214				0.32%
Ar 420.067 R	864794.8	98.322	%	0.3168				0.32%
Scandium-IS	4051262.4	102.25	%	0.115				0.11%
Yttrium,7440-65-5A	2001468.2	99.229	%	0.1057				0.11%
Yttrium,7440-65-5R	44179.9	97.656	%	0.4940				0.51%
Aluminum,7429-90-5†	668.8	2.623	mg/L	0.0288	2.623	mg/L	0.0288	1.10%
Antimony,7440-36-0†	-9.8	-0.0033	mg/L	0.00476	-0.0033	mg/L	0.00476	143.97%
Arsenic,7440-38-2†	-15.8	-0.0024	mg/L	0.00227	-0.0024	mg/L	0.00227	95.91%
Barium,7440-39-3†	21404.8	0.0785	mg/L	0.00053	0.0785	mg/L	0.00053	0.67%
Beryllium,7440-41-7†	330.6	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	59.38%
Boron,7440-42-8†	5529.6	0.0807	mg/L	0.00072	0.0807	mg/L	0.00072	0.89%
Cadmium,7440-43-9†	-492.7	-0.0017	mg/L	0.00003	-0.0017	mg/L	0.00003	1.95%
Calcium,7440-70-2†	12466.4	14.76	mg/L	0.025	14.76	mg/L	0.025	0.17%
Chromium,7440-47-3†	1895.4	0.0081	mg/L	0.00020	0.0081	mg/L	0.00020	2.48%
Cobalt,7440-48-4†	105.7	0.0011	mg/L	0.00006	0.0011	mg/L	0.00006	5.22%
Copper,7440-50-8†	1459.7	0.0026	mg/L	0.00005	0.0026	mg/L	0.00005	2.06%
Iron,7439-89-6†	2481.4	8.2033	mg/L	0.05335	8.2033	mg/L	0.05335	0.65%
Lead,7439-92-1†	35.9	0.0024	mg/L	0.00025	0.0024	mg/L	0.00025	10.27%
Lithium,7439-93-2†	70.9	0.0043	mg/L	0.00127	0.0043	mg/L	0.00127	29.50%
Magnesium,7439-95-4†	270.2	2.9912	mg/L	0.01675	2.9912	mg/L	0.01675	0.56%
Manganese,7439-96-5†	526574.3	0.4664	mg/L	0.00276	0.4664	mg/L	0.00276	0.59%
Molybdenum,7439-98-7†	194.9	0.0048	mg/L	0.00058	0.0048	mg/L	0.00058	12.24%
Nickel,7440-02-0†	620.4	0.0082	mg/L	0.00033	0.0082	mg/L	0.00033	3.97%
Potassium,7440-09-7†	46363.7	22.502	mg/L	0.1417	22.502	mg/L	0.1417	0.63%
Selenium,7782-49-2†	-24.0	-0.0065	mg/L	0.00394	-0.0065	mg/L	0.00394	60.84%
Silicon,7440-21-3†	479.0	3.8715	mg/L	0.01690	3.8715	mg/L	0.01690	0.44%
Silver,7440-22-4†	-1043.0	-0.0012	mg/L	0.00045	-0.0012	mg/L	0.00045	36.96%
Sodium,7440-23-5†	512801.9	109.93	mg/L	1.594	109.93	mg/L	1.594	1.45%
Strontium,7440-24-6†	15868.4	0.0567	mg/L	0.00012	0.0567	mg/L	0.00012	0.20%
Thallium,7440-28-0†	-5.6	0.0007	mg/L	0.00083	0.0007	mg/L	0.00083	122.08%
Tin,7440-31-5†	-102.4	-0.0068	mg/L	0.00040	-0.0068	mg/L	0.00040	5.84%
Titanium,7440-32-6†	28628.7	0.0431	mg/L	0.00217	0.0431	mg/L	0.00217	5.04%
Vanadium,7440-62-2†	1197.7	0.0068	mg/L	0.00008	0.0068	mg/L	0.00008	1.20%
Zinc,7440-66-6†	4032.2	0.0148	mg/L	0.00018	0.0148	mg/L	0.00018	1.21%
Zirconium,7440-67-7†	489.6	0.0009	mg/L	0.00007	0.0009	mg/L	0.00007	7.68%

Sequence No.: 22
Sample ID: 20607212412
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 25
Date Collected: 7/25/2006 11:45:48 AM
Data Type: Reprocessed on 7/26/2006 8:03:08 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607212412

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98843.8	100.45	%	0.104				0.10%
Ar 420.067 R	871844.8	99.123	%	0.0572				0.06%
Scandium-IS	4146203.1	104.64	%	0.446				0.43%
Yttrium,7440-65-5A	2083911.1	103.32	%	0.390				0.38%
Yttrium,7440-65-5R	45542.6	100.67	%	0.479				0.48%
Aluminum,7429-90-5†	11.3	0.044	mg/L	0.0223	0.044	mg/L	0.0223	50.33%
Antimony,7440-36-0†	-7.5	-0.0023	mg/L	0.00074	-0.0023	mg/L	0.00074	32.07%
Arsenic,7440-38-2†	-3.1	-0.0008	mg/L	0.00148	-0.0008	mg/L	0.00148	174.69%
Barium,7440-39-3†	2710.1	0.0100	mg/L	0.00009	0.0100	mg/L	0.00009	0.86%
Beryllium,7440-41-7†	159.7	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	44.01%
Boron,7440-42-8†	2790.4	0.0378	mg/L	0.00048	0.0378	mg/L	0.00048	1.26%
Cadmium,7440-43-9†	-327.3	-0.0009	mg/L	0.00004	-0.0009	mg/L	0.00004	4.75%
Calcium,7440-70-2†	5242.3	6.209	mg/L	0.0517	6.209	mg/L	0.0517	0.83%
Chromium,7440-47-3†	35.9	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	20.07%
Cobalt,7440-48-4†	32.4	0.0004	mg/L	0.00015	0.0004	mg/L	0.00015	36.15%
Copper,7440-50-8†	-238.0	-0.0009	mg/L	0.00018	-0.0009	mg/L	0.00018	20.17%
Iron,7439-89-6†	12.4	0.0409	mg/L	0.00791	0.0409	mg/L	0.00791	19.32%
Lead,7439-92-1†	-4.5	-0.0002	mg/L	0.00070	-0.0002	mg/L	0.00070	310.80%
Lithium,7439-93-2†	50.2	0.0030	mg/L	0.00203	0.0030	mg/L	0.00203	67.48%
Magnesium,7439-95-4†	41.8	0.4617	mg/L	0.02236	0.4617	mg/L	0.02236	4.84%
Manganese,7439-96-5†	10348.8	0.0092	mg/L	0.00006	0.0092	mg/L	0.00006	0.69%
Molybdenum,7439-98-7†	61.5	0.0015	mg/L	0.00038	0.0015	mg/L	0.00038	25.68%
Nickel,7440-02-0†	29.1	0.0004	mg/L	0.00012	0.0004	mg/L	0.00012	30.82%
Potassium,7440-09-7†	1741.9	0.8446	mg/L	0.01768	0.8446	mg/L	0.01768	2.09%
Selenium,7782-49-2†	-5.3	-0.0024	mg/L	0.00019	-0.0024	mg/L	0.00019	7.88%
Silicon,7440-21-3†	281.0	2.2623	mg/L	0.02386	2.2623	mg/L	0.02386	1.05%
Silver,7440-22-4†	136.9	0.0004	mg/L	0.00008	0.0004	mg/L	0.00008	22.19%
Sodium,7440-23-5†	9457.9	2.0275	mg/L	0.01742	2.0275	mg/L	0.01742	0.86%
Strontium,7440-24-6†	4327.8	0.0154	mg/L	0.00006	0.0154	mg/L	0.00006	0.41%
Thallium,7440-28-0†	13.5	0.0017	mg/L	0.00131	0.0017	mg/L	0.00131	75.63%
Tin,7440-31-5†	-86.9	-0.0058	mg/L	0.00030	-0.0058	mg/L	0.00030	5.12%
Titanium,7440-32-6†	1122.7	0.0017	mg/L	0.00019	0.0017	mg/L	0.00019	11.22%
Vanadium,7440-62-2†	-268.2	-0.0016	mg/L	0.00010	-0.0016	mg/L	0.00010	6.12%
Zinc,7440-66-6†	-56.3	-0.0004	mg/L	0.00003	-0.0004	mg/L	0.00003	8.55%
Zirconium,7440-67-7†	-1344.5	-0.0023	mg/L	0.00017	-0.0023	mg/L	0.00017	7.14%

Sequence No.: 23
Sample ID: 20607212413
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 26
Date Collected: 7/25/2006 11:52:26 AM
Data Type: Reprocessed on 7/26/2006 8:03:10 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607212413

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98219.8	99.815	%	0.3368				0.34%
Ar 420.067 R	869670.2	98.876	%	0.1685				0.17%
Scandium-IS	4093245.1	103.31	%	0.577				0.56%
Yttrium,7440-65-5A	2048726.8	101.57	%	0.641				0.63%
Yttrium,7440-65-5R	45154.2	99.810	%	1.0208				1.02%
Aluminum,7429-90-5†	618.0	2.425	mg/L	0.0415	2.425	mg/L	0.0415	1.71%
Antimony,7440-36-0†	-3.7	-0.0012	mg/L	0.00203	-0.0012	mg/L	0.00203	170.71%
Arsenic,7440-38-2†	1.3	0.0011	mg/L	0.00128	0.0011	mg/L	0.00128	112.28%
Barium,7440-39-3†	9837.8	0.0361	mg/L	0.00017	0.0361	mg/L	0.00017	0.46%
Beryllium,7440-41-7†	379.9	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	5.98%
Boron,7440-42-8†	3469.4	0.0488	mg/L	0.00052	0.0488	mg/L	0.00052	1.06%
Cadmium,7440-43-9†	-300.0	-0.0009	mg/L	0.00001	-0.0009	mg/L	0.00001	0.63%
Calcium,7440-70-2†	4860.5	5.757	mg/L	0.0640	5.757	mg/L	0.0640	1.11%
Chromium,7440-47-3†	1133.3	0.0048	mg/L	0.00010	0.0048	mg/L	0.00010	2.16%
Cobalt,7440-48-4†	75.8	0.0008	mg/L	0.00007	0.0008	mg/L	0.00007	8.40%
Copper,7440-50-8†	386.2	0.0006	mg/L	0.00023	0.0006	mg/L	0.00023	38.22%
Iron,7439-89-6†	758.3	2.5067	mg/L	0.02425	2.5067	mg/L	0.02425	0.97%
Lead,7439-92-1†	8.1	0.0007	mg/L	0.00059	0.0007	mg/L	0.00059	81.04%
Lithium,7439-93-2†	14.5	0.0009	mg/L	0.00107	0.0009	mg/L	0.00107	121.10%
Magnesium,7439-95-4†	85.0	0.9411	mg/L	0.04620	0.9411	mg/L	0.04620	4.91%
Manganese,7439-96-5†	75205.1	0.0666	mg/L	0.00043	0.0666	mg/L	0.00043	0.64%

Molybdenum,7439-98-7†	50.4	0.0012 mg/L	0.00031	0.0012 mg/L	0.00031	25.56%
Nickel,7440-02-0†	240.9	0.0032 mg/L	0.00021	0.0032 mg/L	0.00021	6.59%
Potassium,7440-09-7†	3147.6	1.5263 mg/L	0.02941	1.5263 mg/L	0.02941	1.93%
Selenium,7782-49-2†	-5.8	-0.0012 mg/L	0.00574	-0.0012 mg/L	0.00574	495.79%
Silicon,7440-21-3†	297.3	2.3984 mg/L	0.05659	2.3984 mg/L	0.05659	2.36%
Silver,7440-22-4†	-282.7	-0.0003 mg/L	0.00011	-0.0003 mg/L	0.00011	42.18%
Sodium,7440-23-5†	29669.3	6.3603 mg/L	0.07750	6.3603 mg/L	0.07750	1.22%
Strontium,7440-24-6†	7286.3	0.0260 mg/L	0.00012	0.0260 mg/L	0.00012	0.46%
Thallium,7440-28-0†	5.9	0.0011 mg/L	0.00109	0.0011 mg/L	0.00109	100.49%
Tin,7440-31-5†	-80.1	-0.0055 mg/L	0.00088	-0.0055 mg/L	0.00088	16.15%
Titanium,7440-32-6†	19424.1	0.0292 mg/L	0.00097	0.0292 mg/L	0.00097	3.32%
Vanadium,7440-62-2†	901.5	0.0054 mg/L	0.00025	0.0054 mg/L	0.00025	4.58%
Zinc,7440-66-6†	18589.8	0.0750 mg/L	0.00036	0.0750 mg/L	0.00036	0.47%
Zirconium,7440-67-7†	-474.7	-0.0008 mg/L	0.00019	-0.0008 mg/L	0.00019	23.40%

Sequence No.: 24
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/25/2006 11:59:01 AM
Data Type: Reprocessed on 7/26/2006 8:03:13 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98058.0	99.650	%	0.3082				0.31%
Ar 420.067 R	865768.5	98.433	%	0.1329				0.14%
Scandium-IS	3985926.5	100.60	%	0.362				0.36%
Yttrium,7440-65-5A	1994164.2	98.867	%	0.3291				0.33%
Yttrium,7440-65-5R	44010.3	97.281	%	1.0050				1.03%
Aluminum,7429-90-5†	1278.2	5.022	mg/L	0.0427	5.022	mg/L	0.0427	0.85%
QC value within limits for Aluminum,7429-90-5 Recovery = 100.44%								
Antimony,7440-36-0†	1694.1	0.5243	mg/L	0.00510	0.5243	mg/L	0.00510	0.97%
QC value within limits for Antimony,7440-36-0 Recovery = 104.86%								
Arsenic,7440-38-2†	1701.6	0.4570	mg/L	0.00388	0.4570	mg/L	0.00388	0.85%
QC value within limits for Arsenic,7440-38-2 Recovery = 91.41%								
Barium,7440-39-3†	135074.8	0.4968	mg/L	0.00064	0.4968	mg/L	0.00064	0.13%
QC value within limits for Barium,7440-39-3 Recovery = 99.37%								
Beryllium,7440-41-7†	2538978.3	0.4925	mg/L	0.00088	0.4925	mg/L	0.00088	0.18%
QC value within limits for Beryllium,7440-41-7 Recovery = 98.49%								
Boron,7440-42-8†	182895.4	2.4863	mg/L	0.00991	2.4863	mg/L	0.00991	0.40%
QC value within limits for Boron,7440-42-8 Recovery = 99.45%								
Cadmium,7440-43-9†	182163.7	0.4917	mg/L	0.00044	0.4917	mg/L	0.00044	0.09%
QC value within limits for Cadmium,7440-43-9 Recovery = 98.35%								
Calcium,7440-70-2†	4332.8	5.130	mg/L	0.0092	5.130	mg/L	0.0092	0.18%
QC value within limits for Calcium,7440-70-2 Recovery = 102.59%								
Chromium,7440-47-3†	110285.2	0.4965	mg/L	0.00092	0.4965	mg/L	0.00092	0.19%
QC value within limits for Chromium,7440-47-3 Recovery = 99.30%								
Cobalt,7440-48-4†	38664.6	0.4897	mg/L	0.00018	0.4897	mg/L	0.00018	0.04%
QC value within limits for Cobalt,7440-48-4 Recovery = 97.94%								
Copper,7440-50-8†	227731.2	0.4972	mg/L	0.00176	0.4972	mg/L	0.00176	0.35%
QC value within limits for Copper,7440-50-8 Recovery = 99.43%								
Iron,7439-89-6†	1598.2	5.2836	mg/L	0.06371	5.2836	mg/L	0.06371	1.21%
QC value within limits for Iron,7439-89-6 Recovery = 105.67%								
Lead,7439-92-1†	7909.5	0.4895	mg/L	0.00162	0.4895	mg/L	0.00162	0.33%
QC value within limits for Lead,7439-92-1 Recovery = 97.90%								
Lithium,7439-93-2†	8356.3	0.5003	mg/L	0.01160	0.5003	mg/L	0.01160	2.32%
QC value within limits for Lithium,7439-93-2 Recovery = 100.07%								
Magnesium,7439-95-4†	449.8	4.9746	mg/L	0.03682	4.9746	mg/L	0.03682	0.74%
QC value within limits for Magnesium,7439-95-4 Recovery = 99.49%								
Manganese,7439-96-5†	571900.7	0.5064	mg/L	0.00095	0.5064	mg/L	0.00095	0.19%
QC value within limits for Manganese,7439-96-5 Recovery = 101.29%								
Molybdenum,7439-98-7†	20444.4	0.4911	mg/L	0.00116	0.4911	mg/L	0.00116	0.24%
QC value within limits for Molybdenum,7439-98-7 Recovery = 98.22%								
Nickel,7440-02-0†	36921.2	0.4959	mg/L	0.00047	0.4959	mg/L	0.00047	0.09%
QC value within limits for Nickel,7440-02-0 Recovery = 99.18%								
Potassium,7440-09-7†	20079.5	9.7392	mg/L	0.09345	9.7392	mg/L	0.09345	0.96%
QC value within limits for Potassium,7440-09-7 Recovery = 97.39%								
Selenium,7782-49-2†	1070.1	0.5081	mg/L	0.00136	0.5081	mg/L	0.00136	0.27%

QC value within limits for Selenium,7782-49-2 Recovery = 101.62%
Silicon,7440-21-3† 73.2 0.5980 mg/L 0.02970 0.5980 mg/L 0.02970 4.97%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 119.60%
Silver,7440-22-4† 179763.1 0.4998 mg/L 0.00072 0.4998 mg/L 0.00072 0.14%
QC value within limits for Silver,7440-22-4 Recovery = 99.96%
Sodium,7440-23-5† 91032.9 19.516 mg/L 0.2064 19.516 mg/L 0.2064 1.06%
QC value within limits for Sodium,7440-23-5 Recovery = 97.58%
Strontium,7440-24-6† 139583.8 0.5010 mg/L 0.00865 0.5010 mg/L 0.00865 1.73%
QC value within limits for Strontium,7440-24-6 Recovery = 100.20%
Thallium,7440-28-0† 3879.8 0.5004 mg/L 0.00217 0.5004 mg/L 0.00217 0.43%
QC value within limits for Thallium,7440-28-0 Recovery = 100.08%
Tin,7440-31-5† 7085.9 0.4897 mg/L 0.00169 0.4897 mg/L 0.00169 0.34%
QC value within limits for Tin,7440-31-5 Recovery = 97.95%
Titanium,7440-32-6† 331613.0 0.4993 mg/L 0.00057 0.4993 mg/L 0.00057 0.11%
QC value within limits for Titanium,7440-32-6 Recovery = 99.86%
Vanadium,7440-62-2† 79339.4 0.4868 mg/L 0.00036 0.4868 mg/L 0.00036 0.07%
QC value within limits for Vanadium,7440-62-2 Recovery = 97.35%
Zinc,7440-66-6† 123510.3 0.4965 mg/L 0.00085 0.4965 mg/L 0.00085 0.17%
QC value within limits for Zinc,7440-66-6 Recovery = 99.30%
Zirconium,7440-67-7† 278716.8 0.4950 mg/L 0.00070 0.4950 mg/L 0.00070 0.14%
QC value within limits for Zirconium,7440-67-7 Recovery = 99.00%
QC Failed. Continue with analysis.

Sequence No.: 25 **Autosampler Location: 1**
Sample ID: 1900 **Date Collected: 7/25/2006 12:05:56 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:03:15 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	99132.3	100.74	%	0.369				0.37%
Ar 420.067 R	870840.7	99.009	%	0.3304				0.33%
Scandium-IS	4053320.1	102.30	%	1.083				1.06%
Yttrium,7440-65-5A	2058394.6	102.05	%	1.062				1.04%
Yttrium,7440-65-5R	45130.1	99.757	%	0.7731				0.77%
Aluminum,7429-90-5†	0.2	0.001	mg/L	0.0178	0.001	mg/L	0.0178	>999.9%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	7.4	0.0023	mg/L	0.00287	0.0023	mg/L	0.00287	125.17%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	1.9	0.0005	mg/L	0.00137	0.0005	mg/L	0.00137	273.62%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	-0.8	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	>999.9%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	183.2	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	46.90%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	3462.2	0.0470	mg/L	0.00313	0.0470	mg/L	0.00313	6.66%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	0.4	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	>999.9%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	3.6	0.004	mg/L	0.0034	0.004	mg/L	0.0034	81.38%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-18.9	-0.0001	mg/L	0.00029	-0.0001	mg/L	0.00029	327.60%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	19.3	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	67.01%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	259.4	0.0006	mg/L	0.00019	0.0006	mg/L	0.00019	33.73%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	0.8	0.0026	mg/L	0.00803	0.0026	mg/L	0.00803	307.38%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	-13.2	-0.0008	mg/L	0.00052	-0.0008	mg/L	0.00052	62.80%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	10.6	0.0006	mg/L	0.00187	0.0006	mg/L	0.00187	295.91%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	4.9	0.0543	mg/L	0.03254	0.0543	mg/L	0.03254	59.88%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	38.8	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	102.37%

QC value within limits for Manganese,7439-96-5 Recovery = Not calculated

Molybdenum,7439-98-7†	60.9	0.0015 mg/L	0.00046	0.0015 mg/L	0.00046	31.72%

QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated

Nickel,7440-02-0†	60.0	0.0008 mg/L	0.00007	0.0008 mg/L	0.00007	8.08%

QC value within limits for Nickel,7440-02-0 Recovery = Not calculated

Potassium,7440-09-7†	66.8	0.0324 mg/L	0.02319	0.0324 mg/L	0.02319	71.58%

QC value within limits for Potassium,7440-09-7 Recovery = Not calculated

Selenium,7782-49-2†	2.1	0.0010 mg/L	0.00543	0.0010 mg/L	0.00543	548.18%

QC value within limits for Selenium,7782-49-2 Recovery = Not calculated

Silicon,7440-21-3†	9.4	0.0756 mg/L	0.00785	0.0756 mg/L	0.00785	10.38%

QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated

Silver,7440-22-4†	194.7	0.0005 mg/L	0.00012	0.0005 mg/L	0.00012	22.96%

QC value within limits for Silver,7440-22-4 Recovery = Not calculated

Sodium,7440-23-5†	-308.8	-0.0662 mg/L	0.00572	-0.0662 mg/L	0.00572	8.64%

QC value within limits for Sodium,7440-23-5 Recovery = Not calculated

Strontium,7440-24-6†	-44.3	-0.0002 mg/L	0.00015	-0.0002 mg/L	0.00015	95.02%

QC value within limits for Strontium,7440-24-6 Recovery = Not calculated

Thallium,7440-28-0†	12.2	0.0015 mg/L	0.00121	0.0015 mg/L	0.00121	78.35%

QC value within limits for Thallium,7440-28-0 Recovery = Not calculated

Tin,7440-31-5†	-16.4	-0.0011 mg/L	0.00038	-0.0011 mg/L	0.00038	33.65%

QC value within limits for Tin,7440-31-5 Recovery = Not calculated

Titanium,7440-32-6†	157.4	0.0002 mg/L	0.00007	0.0002 mg/L	0.00007	27.76%

QC value within limits for Titanium,7440-32-6 Recovery = Not calculated

Vanadium,7440-62-2†	-359.2	-0.0022 mg/L	0.00029	-0.0022 mg/L	0.00029	12.97%

QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated

Zinc,7440-66-6†	-775.8	-0.0032 mg/L	0.00009	-0.0032 mg/L	0.00009	2.92%

QC value within limits for Zinc,7440-66-6 Recovery = Not calculated

Zirconium,7440-67-7†	414.7	0.0007 mg/L	0.00023	0.0007 mg/L	0.00023	31.06%

QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated

QC Failed. Continue with analysis.

Sequence No.: 26
Sample ID: 392155 Zn from 7-24-06
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 27
Date Collected: 7/25/2006 12:12:51 PM
Data Type: Reprocessed on 7/26/2006 8:03:17 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 392155 Zn

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	99408.9	101.02	%	0.562				0.56%
Ar 420.067 R	874566.9	99.433	%	0.5746				0.58%
Scandium-IS	4183307.9	105.58	%	0.702				0.66%
Yttrium,7440-65-5A	2117257.0	104.97	%	0.660				0.63%
Yttrium,7440-65-5R	45778.8	101.19	%	0.828				0.82%
Aluminum,7429-90-5†	69.1	0.271	mg/L	0.0105	10.84	mg/kg	0.421	3.88%
Antimony,7440-36-0†	-10.9	-0.0034	mg/L	0.00229	-0.1348	mg/kg	0.09146	67.84%
Arsenic,7440-38-2†	-0.7	-0.0002	mg/L	0.00204	-0.0065	mg/kg	0.08159	>999.9%
Barium,7440-39-3†	228.2	0.0008	mg/L	0.00009	0.0335	mg/kg	0.00350	10.45%
Beryllium,7440-41-7†	454.7	0.0001	mg/L	0.00001	0.0035	mg/kg	0.00036	10.19%
Boron,7440-42-8†	2315.2	0.0314	mg/L	0.00088	1.2568	mg/kg	0.03537	2.81%
Cadmium,7440-43-9†	57.5	0.0002	mg/L	0.00003	0.0062	mg/kg	0.00109	17.65%
Calcium,7440-70-2†	1198.5	1.419	mg/L	0.0131	56.78	mg/kg	0.526	0.93%
Chromium,7440-47-3†	351.3	0.0015	mg/L	0.00007	0.0616	mg/kg	0.00296	4.81%
Cobalt,7440-48-4†	21.7	0.0003	mg/L	0.00017	0.0108	mg/kg	0.00692	64.01%
Copper,7440-50-8†	-350.3	-0.0009	mg/L	0.00013	-0.0341	mg/kg	0.00533	15.62%
Iron,7439-89-6†	5.7	0.0187	mg/L	0.00222	0.7484	mg/kg	0.08889	11.88%
Lead,7439-92-1†	7.2	0.0005	mg/L	0.00061	0.0192	mg/kg	0.02452	127.51%
Lithium,7439-93-2†	12.2	0.0007	mg/L	0.00507	0.0291	mg/kg	0.20279	695.90%
Magnesium,7439-95-4†	6.3	0.0699	mg/L	0.00162	2.7978	mg/kg	0.06495	2.32%
Manganese,7439-96-5†	6992.4	0.0062	mg/L	0.00008	0.2479	mg/kg	0.00317	1.28%
Molybdenum,7439-98-7†	24.6	0.0006	mg/L	0.00019	0.0235	mg/kg	0.00767	32.58%
Nickel,7440-02-0†	42.5	0.0006	mg/L	0.00015	0.0228	mg/kg	0.00614	27.00%
Potassium,7440-09-7†	168.5	0.0816	mg/L	0.04001	3.2626	mg/kg	1.60033	49.05%
Selenium,7782-49-2†	-4.8	-0.0022	mg/L	0.00123	-0.0893	mg/kg	0.04918	55.07%
Silicon,7440-21-3†	8.0	0.0648	mg/L	0.00274	2.5900	mg/kg	0.10957	4.23%
Silver,7440-22-4†	224.5	0.0006	mg/L	0.00015	0.0249	mg/kg	0.00602	24.20%
Sodium,7440-23-5†	122.9	0.0263	mg/L	0.01219	1.0523	mg/kg	0.48752	46.33%

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Strontium,7440-24-6†	1019.7	0.0036	mg/L	0.00007	0.1453	mg/kg	0.00288	1.98%
Thallium,7440-28-0†	10.5	0.0014	mg/L	0.00097	0.0541	mg/kg	0.03887	71.83%
Tin,7440-31-5†	-40.1	-0.0027	mg/L	0.00047	-0.1095	mg/kg	0.01898	17.34%
Titanium,7440-32-6†	736.8	0.0011	mg/L	0.00013	0.0444	mg/kg	0.00502	11.32%
Vanadium,7440-62-2†	-279.3	-0.0017	mg/L	0.00015	-0.0685	mg/kg	0.00606	8.85%
Zinc,7440-66-6†	17769.2	0.0721	mg/L	0.00069	2.8856	mg/kg	0.02763	0.96%
Zirconium,7440-67-7†	-427.3	-0.0007	mg/L	0.00010	-0.0299	mg/kg	0.00417	13.94%

Sequence No.: 27
Sample ID: 392168 Zn
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 28
Date Collected: 7/25/2006 12:19:26 PM
Data Type: Reprocessed on 7/26/2006 8:03:20 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 392168 Zn

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100052.8	101.68	%	0.181				0.18%
Ar 420.067 R	883394.2	100.44	%	0.101				0.10%
Scandium-IS	4177706.0	105.44	%	0.211				0.20%
Yttrium,7440-65-5A	2109824.6	104.60	%	0.238				0.23%
Yttrium,7440-65-5R	45782.5	101.20	%	1.075				1.06%
Aluminum,7429-90-5†	46.5	0.183	mg/L	0.0157	7.302	mg/kg	0.6292	8.62%
Antimony,7440-36-0†	2.8	0.0009	mg/L	0.00161	0.0345	mg/kg	0.06431	186.35%
Arsenic,7440-38-2†	-8.2	-0.0022	mg/L	0.00255	-0.0868	mg/kg	0.10190	117.37%
Barium,7440-39-3†	167.0	0.0006	mg/L	0.00008	0.0245	mg/kg	0.00312	12.74%
Beryllium,7440-41-7†	359.5	0.0001	mg/L	0.00001	0.0026	mg/kg	0.00036	13.64%
Boron,7440-42-8†	1884.9	0.0256	mg/L	0.00047	1.0232	mg/kg	0.01861	1.82%
Cadmium,7440-43-9†	331.6	0.0009	mg/L	0.00004	0.0357	mg/kg	0.00177	4.95%
Calcium,7440-70-2†	786.9	0.932	mg/L	0.0123	37.28	mg/kg	0.490	1.31%
Chromium,7440-47-3†	70.4	0.0003	mg/L	0.00009	0.0111	mg/kg	0.00374	33.72%
Cobalt,7440-48-4†	31.7	0.0004	mg/L	0.00019	0.0159	mg/kg	0.00776	48.85%
Copper,7440-50-8†	-497.0	-0.0012	mg/L	0.00010	-0.0465	mg/kg	0.00393	8.44%
Iron,7439-89-6†	6.5	0.0215	mg/L	0.00824	0.8595	mg/kg	0.32977	38.37%
Lead,7439-92-1†	4.5	0.0003	mg/L	0.00109	0.0119	mg/kg	0.04358	366.48%
Lithium,7439-93-2†	28.9	0.0017	mg/L	0.00283	0.0694	mg/kg	0.11312	163.02%
Magnesium,7439-95-4†	10.8	0.1188	mg/L	0.05042	4.7532	mg/kg	2.01660	42.43%
Manganese,7439-96-5†	48947.7	0.0434	mg/L	0.00023	1.7343	mg/kg	0.00921	0.53%
Molybdenum,7439-98-7†	25.2	0.0006	mg/L	0.00024	0.0243	mg/kg	0.00941	38.72%
Nickel,7440-02-0†	-5.1	-0.0001	mg/L	0.00024	-0.0030	mg/kg	0.00941	314.34%
Potassium,7440-09-7†	295.2	0.1431	mg/L	0.02714	5.7229	mg/kg	1.08571	18.97%
Selenium,7782-49-2†	-2.1	-0.0010	mg/L	0.00325	-0.0397	mg/kg	0.13005	327.30%
Silicon,7440-21-3†	8.6	0.0693	mg/L	0.00846	2.7709	mg/kg	0.33843	12.21%
Silver,7440-22-4†	53.3	0.0001	mg/L	0.00006	0.0058	mg/kg	0.00260	45.05%
Sodium,7440-23-5†	-57.5	-0.0124	mg/L	0.00444	-0.4943	mg/kg	0.17770	35.95%
Strontium,7440-24-6†	776.8	0.0028	mg/L	0.00003	0.1108	mg/kg	0.00117	1.05%
Thallium,7440-28-0†	9.0	0.0013	mg/L	0.00045	0.0507	mg/kg	0.01807	35.64%
Tin,7440-31-5†	-41.0	-0.0028	mg/L	0.00040	-0.1121	mg/kg	0.01616	14.41%
Titanium,7440-32-6†	997.7	0.0015	mg/L	0.00010	0.0601	mg/kg	0.00399	6.64%
Vanadium,7440-62-2†	-301.4	-0.0018	mg/L	0.00012	-0.0739	mg/kg	0.00492	6.66%
Zinc,7440-66-6†	8489.1	0.0344	mg/L	0.00024	1.3773	mg/kg	0.00966	0.70%
Zirconium,7440-67-7†	-319.4	-0.0006	mg/L	0.00008	-0.0226	mg/kg	0.00321	14.23%

Sequence No.: 28
Sample ID: 20607212011 EQBLK
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 29
Date Collected: 7/25/2006 12:26:02 PM
Data Type: Reprocessed on 7/26/2006 8:03:22 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607212011 EQBLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	99722.3	101.34	%	0.258				0.25%
Ar 420.067 R	877893.3	99.811	%	0.2285				0.23%
Scandium-IS	4101354.7	103.51	%	0.581				0.56%

Yttrium,7440-65-5A	2079123.3	103.08 %	0.565				0.55%
Yttrium,7440-65-5R	46401.5	102.57 %	0.456				0.44%
Aluminum,7429-90-5†	1.2	0.005 mg/L	0.0290	0.005 mg/L	0.0290	612.77%
Antimony,7440-36-0†	3.2	0.0010 mg/L	0.00152	0.0010 mg/L	0.00152	151.12%
Arsenic,7440-38-2†	-0.3	-0.0001 mg/L	0.00118	-0.0001 mg/L	0.00118	>999.9%
Barium,7440-39-3†	18.4	0.0001 mg/L	0.00006	0.0001 mg/L	0.00006	88.62%
Beryllium,7440-41-7†	78.3	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	139.84%
Boron,7440-42-8†	1064.6	0.0145 mg/L	0.00024	0.0145 mg/L	0.00024	1.65%
Cadmium,7440-43-9†	-10.1	0.0000 mg/L	0.00005	0.0000 mg/L	0.00005	187.84%
Calcium,7440-70-2†	64.0	0.076 mg/L	0.0055	0.076 mg/L	0.0055	7.25%
Chromium,7440-47-3†	9.5	0.0000 mg/L	0.00015	0.0000 mg/L	0.00015	371.73%
Cobalt,7440-48-4†	5.4	0.0001 mg/L	0.00014	0.0001 mg/L	0.00014	200.21%
Copper,7440-50-8†	-492.5	-0.0011 mg/L	0.00012	-0.0011 mg/L	0.00012	10.66%
Iron,7439-89-6†	0.6	0.0020 mg/L	0.00556	0.0020 mg/L	0.00556	282.37%
Lead,7439-92-1†	-3.9	-0.0002 mg/L	0.00018	-0.0002 mg/L	0.00018	74.88%
Lithium,7439-93-2†	44.8	0.0027 mg/L	0.00299	0.0027 mg/L	0.00299	111.37%
Magnesium,7439-95-4†	1.1	0.0116 mg/L	0.05718	0.0116 mg/L	0.05718	492.39%
Manganese,7439-96-5†	1243.3	0.0011 mg/L	0.00001	0.0011 mg/L	0.00001	1.28%
Molybdenum,7439-98-7†	20.5	0.0005 mg/L	0.00007	0.0005 mg/L	0.00007	14.61%
Nickel,7440-02-0†	1.8	0.0000 mg/L	0.00026	0.0000 mg/L	0.00026	>999.9%
Potassium,7440-09-7†	88.7	0.0430 mg/L	0.03519	0.0430 mg/L	0.03519	81.78%
Selenium,7782-49-2†	-0.1	-0.0001 mg/L	0.00200	-0.0001 mg/L	0.00200	>999.9%
Silicon,7440-21-3†	6.4	0.0512 mg/L	0.01140	0.0512 mg/L	0.01140	22.30%
Silver,7440-22-4†	90.7	0.0003 mg/L	0.00025	0.0003 mg/L	0.00025	100.00%
Sodium,7440-23-5†	-478.8	-0.1027 mg/L	0.00616	-0.1027 mg/L	0.00616	6.00%
Strontium,7440-24-6†	71.4	0.0003 mg/L	0.00002	0.0003 mg/L	0.00002	7.21%
Thallium,7440-28-0†	8.3	0.0011 mg/L	0.00094	0.0011 mg/L	0.00094	88.43%
Tin,7440-31-5†	-60.1	-0.0042 mg/L	0.00082	-0.0042 mg/L	0.00082	19.82%
Titanium,7440-32-6†	104.7	0.0002 mg/L	0.00001	0.0002 mg/L	0.00001	6.23%
Vanadium,7440-62-2†	-307.2	-0.0019 mg/L	0.00026	-0.0019 mg/L	0.00026	13.87%
Zinc,7440-66-6†	-243.6	-0.0010 mg/L	0.00011	-0.0010 mg/L	0.00011	10.82%
Zirconium,7440-67-7†	-353.1	-0.0006 mg/L	0.00011	-0.0006 mg/L	0.00011	16.77%

Sequence No.: 29
Sample ID: 20607196505 FLDBLK
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 30
Date Collected: 7/25/2006 12:32:37 PM
Data Type: Reprocessed on 7/26/2006 8:03:25 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607196505 FLDBLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100184.5	101.81	%	0.196				0.19%
Ar 420.067 R	874692.2	99.447	%	0.1817				0.18%
Scandium-IS	4120294.6	103.99	%	1.491				1.43%
Yttrium,7440-65-5A	2090726.6	103.65	%	1.471				1.42%
Yttrium,7440-65-5R	46479.1	102.74	%	0.920				0.90%
Aluminum,7429-90-5†	-0.6	-0.002	mg/L	0.0063	-0.002	mg/L	0.0063	258.86%
Antimony,7440-36-0†	0.7	0.0002	mg/L	0.00276	0.0002	mg/L	0.00276	>999.9%
Arsenic,7440-38-2†	1.4	0.0004	mg/L	0.00098	0.0004	mg/L	0.00098	256.46%
Barium,7440-39-3†	108.8	0.0004	mg/L	0.00008	0.0004	mg/L	0.00008	20.52%
Beryllium,7440-41-7†	69.6	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	161.25%
Boron,7440-42-8†	758.1	0.0103	mg/L	0.00038	0.0103	mg/L	0.00038	3.71%
Cadmium,7440-43-9†	7.2	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	262.69%
Calcium,7440-70-2†	211.2	0.250	mg/L	0.0073	0.250	mg/L	0.0073	2.94%
Chromium,7440-47-3†	39.1	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	31.61%
Cobalt,7440-48-4†	10.6	0.0001	mg/L	0.00013	0.0001	mg/L	0.00013	97.30%
Copper,7440-50-8†	1319.5	0.0029	mg/L	0.00016	0.0029	mg/L	0.00016	5.41%
Iron,7439-89-6†	6.0	0.0198	mg/L	0.00201	0.0198	mg/L	0.00201	10.15%
Lead,7439-92-1†	-13.9	-0.0009	mg/L	0.00069	-0.0009	mg/L	0.00069	79.11%
Lithium,7439-93-2†	-32.2	-0.0019	mg/L	0.00140	-0.0019	mg/L	0.00140	72.79%
Magnesium,7439-95-4†	5.4	0.0599	mg/L	0.02737	0.0599	mg/L	0.02737	45.68%
Manganese,7439-96-5†	383.2	0.0003	mg/L	0.00004	0.0003	mg/L	0.00004	12.15%
Molybdenum,7439-98-7†	18.3	0.0004	mg/L	0.00023	0.0004	mg/L	0.00023	51.43%
Nickel,7440-02-0†	13.0	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	90.39%
Potassium,7440-09-7†	96.1	0.0466	mg/L	0.04424	0.0466	mg/L	0.04424	94.97%
Selenium,7782-49-2†	1.2	0.0006	mg/L	0.00296	0.0006	mg/L	0.00296	498.55%
Silicon,7440-21-3†	8.7	0.0702	mg/L	0.01233	0.0702	mg/L	0.01233	17.57%

Silver,7440-22-4†	125.9	0.0004 mg/L	0.00004	0.0004 mg/L	0.00004	12.20%
Sodium,7440-23-5†	-366.1	-0.0785 mg/L	0.00534	-0.0785 mg/L	0.00534	6.80%
Strontium,7440-24-6†	90.1	0.0003 mg/L	0.00019	0.0003 mg/L	0.00019	58.26%
Thallium,7440-28-0†	12.6	0.0016 mg/L	0.00064	0.0016 mg/L	0.00064	40.26%
Tin,7440-31-5†	-58.3	-0.0040 mg/L	0.00036	-0.0040 mg/L	0.00036	9.00%
Titanium,7440-32-6†	157.1	0.0002 mg/L	0.00015	0.0002 mg/L	0.00015	64.54%
Vanadium,7440-62-2†	-307.1	-0.0019 mg/L	0.00017	-0.0019 mg/L	0.00017	9.08%
Zinc,7440-66-6†	4122.0	0.0167 mg/L	0.00035	0.0167 mg/L	0.00035	2.09%
Zirconium,7440-67-7†	-427.5	-0.0008 mg/L	0.00006	-0.0008 mg/L	0.00006	7.30%

Sequence No.: 30
Sample ID: 20607196506 FLDDUP
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 31
Date Collected: 7/25/2006 12:39:12 PM
Data Type: Reprocessed on 7/26/2006 8:03:27 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607196506 FLDDUP

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	96607.6	98.177	%	0.6037				0.61%
Ar 420.067 R	870872.4	99.013	%	0.0929				0.09%
Scandium-IS	4108377.3	103.69	%	0.889				0.86%
Yttrium,7440-65-5A	2056128.3	101.94	%	0.891				0.87%
Yttrium,7440-65-5R	45916.4	101.49	%	0.510				0.50%
Aluminum,7429-90-5†	-3.9	-0.016	mg/L	0.0078	-0.016	mg/L	0.0078	48.68%
Antimony,7440-36-0†	-8.0	-0.0024	mg/L	0.00110	-0.0024	mg/L	0.00110	46.38%
Arsenic,7440-38-2†	-8.5	-0.0025	mg/L	0.00152	-0.0025	mg/L	0.00152	61.00%
Barium,7440-39-3†	10593.5	0.0389	mg/L	0.00043	0.0389	mg/L	0.00043	1.10%
Beryllium,7440-41-7†	4.2	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	76.66%
Boron,7440-42-8†	1523.7	0.0202	mg/L	0.00045	0.0202	mg/L	0.00045	2.23%
Cadmium,7440-43-9†	-517.1	-0.0014	mg/L	0.00006	-0.0014	mg/L	0.00006	3.94%
Calcium,7440-70-2†	36217.1	42.90	mg/L	0.191	42.90	mg/L	0.191	0.45%
Chromium,7440-47-3†	321.5	0.0013	mg/L	0.00020	0.0013	mg/L	0.00020	14.81%
Cobalt,7440-48-4†	12.9	0.0002	mg/L	0.00012	0.0002	mg/L	0.00012	76.38%
Copper,7440-50-8†	189.0	-0.0023	mg/L	0.00029	-0.0023	mg/L	0.00029	12.63%
Iron,7439-89-6†	10.7	0.0361	mg/L	0.00205	0.0361	mg/L	0.00205	5.68%
Lead,7439-92-1†	-33.0	-0.0017	mg/L	0.00096	-0.0017	mg/L	0.00096	55.56%
Lithium,7439-93-2†	-5.5	-0.0003	mg/L	0.00191	-0.0003	mg/L	0.00191	649.88%
Magnesium,7439-95-4†	628.0	6.9405	mg/L	0.08058	6.9405	mg/L	0.08058	1.16%
Manganese,7439-96-5†	121135.8	0.1075	mg/L	0.00041	0.1075	mg/L	0.00041	0.38%
Molybdenum,7439-98-7†	72.1	0.0016	mg/L	0.00042	0.0016	mg/L	0.00042	25.80%
Nickel,7440-02-0†	14.3	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	38.50%
Potassium,7440-09-7†	1891.7	0.9101	mg/L	0.01509	0.9101	mg/L	0.01509	1.66%
Selenium,7782-49-2†	-21.7	-0.0096	mg/L	0.00243	-0.0096	mg/L	0.00243	25.36%
Silicon,7440-21-3†	396.3	3.1886	mg/L	0.02544	3.1886	mg/L	0.02544	0.80%
Silver,7440-22-4†	124.8	0.0003	mg/L	0.00015	0.0003	mg/L	0.00015	50.05%
Sodium,7440-23-5†	6885.0	1.4758	mg/L	0.02323	1.4758	mg/L	0.02323	1.57%
Strontium,7440-24-6†	12665.6	0.0446	mg/L	0.00036	0.0446	mg/L	0.00036	0.80%
Thallium,7440-28-0†	8.0	0.0011	mg/L	0.00039	0.0011	mg/L	0.00039	34.28%
Tin,7440-31-5†	-200.7	-0.0127	mg/L	0.00058	-0.0127	mg/L	0.00058	4.58%
Titanium,7440-32-6†	53.6	0.0001	mg/L	0.00016	0.0001	mg/L	0.00016	196.33%
Vanadium,7440-62-2†	-635.2	-0.0037	mg/L	0.00033	-0.0037	mg/L	0.00033	8.87%
Zinc,7440-66-6†	1456.8	0.0049	mg/L	0.00032	0.0049	mg/L	0.00032	6.60%
Zirconium,7440-67-7†	-4436.3	-0.0075	mg/L	0.00011	-0.0075	mg/L	0.00011	1.51%

Sequence No.: 31
Sample ID: 20607202401
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 32
Date Collected: 7/25/2006 12:45:48 PM
Data Type: Reprocessed on 7/26/2006 8:03:29 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607202401

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	97480.5	99.064	%	0.3329				0.34%

Ar 420.067 R	872975.9	99.252 %	0.3076				0.31%
Scandium-IS	4119445.6	103.97 %	0.872				0.84%
Yttrium,7440-65-5A	2065927.5	102.42 %	0.850				0.83%
Yttrium,7440-65-5R	45275.2	100.08 %	0.911				0.91%
Aluminum,7429-90-5†	66.2	0.259 mg/L	0.0029	0.259 mg/L		0.0029	1.10%
Antimony,7440-36-0†	-9.9	-0.0031 mg/L	0.00119	-0.0031 mg/L		0.00119	38.82%
Arsenic,7440-38-2†	-8.9	-0.0021 mg/L	0.00127	-0.0021 mg/L		0.00127	59.63%
Barium,7440-39-3†	16733.2	0.0615 mg/L	0.00038	0.0615 mg/L		0.00038	0.62%
Beryllium,7440-41-7†	230.7	0.0000 mg/L	0.00002	0.0000 mg/L		0.00002	62.18%
Boron,7440-42-8†	2781.6	0.0388 mg/L	0.00054	0.0388 mg/L		0.00054	1.38%
Cadmium,7440-43-9†	-975.1	-0.0027 mg/L	0.00006	-0.0027 mg/L		0.00006	2.30%
Calcium,7440-70-2†	25534.3	30.24 mg/L	0.328	30.24 mg/L		0.328	1.08%
Chromium,7440-47-3†	366.3	0.0015 mg/L	0.00002	0.0015 mg/L		0.00002	1.24%
Cobalt,7440-48-4†	44.2	0.0005 mg/L	0.00020	0.0005 mg/L		0.00020	39.85%
Copper,7440-50-8†	-88.5	-0.0020 mg/L	0.00019	-0.0020 mg/L		0.00019	9.58%
Iron,7439-89-6†	580.9	1.9209 mg/L	0.00380	1.9209 mg/L		0.00380	0.20%
Lead,7439-92-1†	9.1	0.0008 mg/L	0.00057	0.0008 mg/L		0.00057	72.57%
Lithium,7439-93-2†	50.6	0.0031 mg/L	0.00234	0.0031 mg/L		0.00234	76.51%
Magnesium,7439-95-4†	399.3	4.4134 mg/L	0.02249	4.4134 mg/L		0.02249	0.51%
Manganese,7439-96-5†	147781.2	0.1310 mg/L	0.00034	0.1310 mg/L		0.00034	0.26%
Molybdenum,7439-98-7†	112.5	0.0026 mg/L	0.00033	0.0026 mg/L		0.00033	12.34%
Nickel,7440-02-0†	68.7	0.0009 mg/L	0.00013	0.0009 mg/L		0.00013	14.40%
Potassium,7440-09-7†	3626.1	1.7543 mg/L	0.02947	1.7543 mg/L		0.02947	1.68%
Selenium,7782-49-2†	-24.9	-0.0102 mg/L	0.00218	-0.0102 mg/L		0.00218	21.49%
Silicon,7440-21-3†	803.6	6.4723 mg/L	0.01594	6.4723 mg/L		0.01594	0.25%
Silver,7440-22-4†	-17.8	0.0003 mg/L	0.00046	0.0003 mg/L		0.00046	148.11%
Sodium,7440-23-5†	17154.5	3.6775 mg/L	0.02780	3.6775 mg/L		0.02780	0.76%
Strontium,7440-24-6†	25880.7	0.0923 mg/L	0.00082	0.0923 mg/L		0.00082	0.89%
Thallium,7440-28-0†	7.9	0.0012 mg/L	0.00130	0.0012 mg/L		0.00130	105.03%
Tin,7440-31-5†	-175.5	-0.0113 mg/L	0.00024	-0.0113 mg/L		0.00024	2.14%
Titanium,7440-32-6†	1381.5	0.0021 mg/L	0.00002	0.0021 mg/L		0.00002	0.88%
Vanadium,7440-62-2†	-460.6	-0.0028 mg/L	0.00012	-0.0028 mg/L		0.00012	4.26%
Zinc,7440-66-6†	16095.7	0.0644 mg/L	0.00046	0.0644 mg/L		0.00046	0.71%
Zirconium,7440-67-7†	-3250.1	-0.0055 mg/L	0.00010	-0.0055 mg/L		0.00010	1.76%

Sequence No.: 32
Sample ID: 20607202402
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 33
Date Collected: 7/25/2006 12:52:25 PM
Data Type: Reprocessed on 7/26/2006 8:03:32 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607202402

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	93688.7	95.210	%	0.3572				0.38%
Ar 420.067 R	863071.5	98.126	%	0.2746				0.28%
Scandium-IS	3978596.2	100.41	%	2.116				2.11%
Yttrium,7440-65-5A	1981449.0	98.236	%	2.6132				2.66%
Yttrium,7440-65-5R	44985.8	99.438	%	0.8940				0.90%
Aluminum,7429-90-5†	10.4	0.038	mg/L	0.0243	0.038	mg/L	0.0243	63.34%
Antimony,7440-36-0†	-5.6	-0.0022	mg/L	0.00187	-0.0022	mg/L	0.00187	87.03%
Arsenic,7440-38-2†	-33.2	-0.0062	mg/L	0.00209	-0.0062	mg/L	0.00209	33.86%
Barium,7440-39-3†	54594.1	0.2003	mg/L	0.00601	0.2003	mg/L	0.00601	3.00%
Beryllium,7440-41-7†	-477.3	-0.0002	mg/L	0.00001	-0.0002	mg/L	0.00001	6.19%
Boron,7440-42-8†	2765.6	0.0485	mg/L	0.00073	0.0485	mg/L	0.00073	1.52%
Cadmium,7440-43-9†	-1468.5	-0.0048	mg/L	0.00018	-0.0048	mg/L	0.00018	3.66%
Calcium,7440-70-2†	107399.4	127.2	mg/L	0.29	127.2	mg/L	0.29	0.23%
Chromium,7440-47-3†	777.8	0.0031	mg/L	0.00027	0.0031	mg/L	0.00027	8.65%
Cobalt,7440-48-4†	184.2	0.0020	mg/L	0.00022	0.0020	mg/L	0.00022	11.20%
Copper,7440-50-8†	132.4	-0.0069	mg/L	0.00041	-0.0069	mg/L	0.00041	5.84%
Iron,7439-89-6†	5181.7	17.132	mg/L	0.0895	17.132	mg/L	0.0895	0.52%
Lead,7439-92-1†	2.2	0.0008	mg/L	0.00084	0.0008	mg/L	0.00084	105.71%
Lithium,7439-93-2†	267.5	0.0162	mg/L	0.00345	0.0162	mg/L	0.00345	21.31%
Magnesium,7439-95-4†	1569.6	17.357	mg/L	0.0810	17.357	mg/L	0.0810	0.47%
Manganese,7439-96-5†	1192169.0	1.0564	mg/L	0.03173	1.0564	mg/L	0.03173	3.00%
Molybdenum,7439-98-7†	78.2	0.0017	mg/L	0.00019	0.0017	mg/L	0.00019	10.90%
Nickel,7440-02-0†	135.8	0.0016	mg/L	0.00043	0.0016	mg/L	0.00043	27.50%
Potassium,7440-09-7†	7651.7	3.6870	mg/L	0.12144	3.6870	mg/L	0.12144	3.29%

Selenium,7782-49-2†	-67.6	-0.0201 mg/L	0.00106	-0.0201 mg/L	0.00106	5.28%
Silicon,7440-21-3†	1264.2	10.207 mg/L	0.0587	10.207 mg/L	0.0587	0.58%
Silver,7440-22-4†	-1596.6	-0.0010 mg/L	0.00045	-0.0010 mg/L	0.00045	42.72%
Sodium,7440-23-5†	8804.4	1.8881 mg/L	0.07211	1.8881 mg/L	0.07211	3.82%
Strontium,7440-24-6†	56005.4	0.1985 mg/L	0.00057	0.1985 mg/L	0.00057	0.29%
Thallium,7440-28-0†	-0.9	0.0021 mg/L	0.00084	0.0021 mg/L	0.00084	40.22%
Tin,7440-31-5†	-288.2	-0.0166 mg/L	0.00070	-0.0166 mg/L	0.00070	4.20%
Titanium,7440-32-6†	139.6	0.0002 mg/L	0.00016	0.0002 mg/L	0.00016	104.44%
Vanadium,7440-62-2†	-962.8	-0.0067 mg/L	0.00071	-0.0067 mg/L	0.00071	10.70%
Zinc,7440-66-6†	1100.0	-0.0008 mg/L	0.00039	-0.0008 mg/L	0.00039	47.46%
Zirconium,7440-67-7†	-6729.9	-0.0111 mg/L	0.00037	-0.0111 mg/L	0.00037	3.38%

Sequence No.: 33
Sample ID: High level chk std
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 34
Date Collected: 7/25/2006 12:59:53 PM
Data Type: Reprocessed on 7/26/2006 8:03:34 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: High level chk std

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	99524.6	101.14	%	0.258				0.26%
Ar 420.067 R	875116.2	99.495	%	0.5687				0.57%
Scandium-IS	4104154.4	103.58	%	0.539				0.52%
Yttrium,7440-65-5A	2083522.1	103.30	%	0.576				0.56%
Yttrium,7440-65-5R	44895.9	99.239	%	0.4876				0.49%
Aluminum,7429-90-5†	-1.1	-0.006	mg/L	0.0277	-0.006	mg/L	0.0277	444.49%
Antimony,7440-36-0†	-5.1	-0.0016	mg/L	0.00401	-0.0016	mg/L	0.00401	251.36%
Arsenic,7440-38-2†	-7.2	-0.0017	mg/L	0.00113	-0.0017	mg/L	0.00113	64.96%
Barium,7440-39-3†	-25.0	-0.0002	mg/L	0.00005	-0.0002	mg/L	0.00005	30.32%
Beryllium,7440-41-7†	56.5	-0.0002	mg/L	0.00001	-0.0002	mg/L	0.00001	6.71%
Boron,7440-42-8†	354.5	0.0044	mg/L	0.00063	0.0044	mg/L	0.00063	14.24%
Cadmium,7440-43-9†	2.2	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	35.81%
Calcium,7440-70-2†	1.9	-0.001	mg/L	0.0014	-0.001	mg/L	0.0014	149.65%
Chromium,7440-47-3†	236.0	0.0005	mg/L	0.00013	0.0005	mg/L	0.00013	24.02%
Cobalt,7440-48-4†	9.3	0.0001	mg/L	0.00017	0.0001	mg/L	0.00017	194.60%
Copper,7440-50-8†	-511.5	-0.0021	mg/L	0.00023	-0.0021	mg/L	0.00023	11.16%
Iron,7439-89-6†	0.3	0.0015	mg/L	0.00341	0.0015	mg/L	0.00341	229.59%
Lead,7439-92-1†	-12.4	-0.0010	mg/L	0.00017	-0.0010	mg/L	0.00017	17.34%
Lithium,7439-93-2†	32.5	0.0020	mg/L	0.00428	0.0020	mg/L	0.00428	209.83%
Magnesium,7439-95-4†	1.7	0.0154	mg/L	0.05572	0.0154	mg/L	0.05572	361.31%
Manganese,7439-96-5†	2192652.5	1.9421	mg/L	0.02780	1.9421	mg/L	0.02780	1.43%
Molybdenum,7439-98-7†	16.6	0.0006	mg/L	0.00033	0.0006	mg/L	0.00033	60.14%
Nickel,7440-02-0†	7.1	-0.0002	mg/L	0.00015	-0.0002	mg/L	0.00015	95.58%
Potassium,7440-09-7†	41.5	0.0168	mg/L	0.00855	0.0168	mg/L	0.00855	50.83%
Selenium,7782-49-2†	7.3	0.0014	mg/L	0.00395	0.0014	mg/L	0.00395	292.10%
Silicon,7440-21-3†	9.4	0.0755	mg/L	0.01937	0.0755	mg/L	0.01937	25.67%
Silver,7440-22-4†	315.8	0.0006	mg/L	0.00024	0.0006	mg/L	0.00024	38.18%
Sodium,7440-23-5†	-666.1	-0.1430	mg/L	0.00380	-0.1430	mg/L	0.00380	2.65%
Strontium,7440-24-6†	-14.2	-0.0001	mg/L	0.00010	-0.0001	mg/L	0.00010	164.42%
Thallium,7440-28-0†	-11.2	0.0039	mg/L	0.00085	0.0039	mg/L	0.00085	21.68%
Tin,7440-31-5†	-48.2	-0.0030	mg/L	0.00033	-0.0030	mg/L	0.00033	10.88%
Titanium,7440-32-6†	79.3	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	128.52%
Vanadium,7440-62-2†	-400.4	-0.0025	mg/L	0.00029	-0.0025	mg/L	0.00029	11.59%
Zinc,7440-66-6†	-1207.9	-0.0062	mg/L	0.00005	-0.0062	mg/L	0.00005	0.87%
Zirconium,7440-67-7†	-115.3	-0.0004	mg/L	0.00010	-0.0004	mg/L	0.00010	25.46%

Sequence No.: 34
Sample ID: 20607210907 EQBLK
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 35
Date Collected: 7/25/2006 1:06:29 PM
Data Type: Reprocessed on 7/26/2006 8:03:36 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607210907 EQBLK

	Mean Corrected	Calib			Sample	

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	100455.5	102.09	%	0.287				0.28%
Ar 420.067 R	881479.7	100.22	%	0.153				0.15%
Scandium-IS	4126465.7	104.15	%	0.722				0.69%
Yttrium,7440-65-5A	2093170.9	103.78	%	0.608				0.59%
Yttrium,7440-65-5R	46212.3	102.15	%	0.906				0.89%
Aluminum,7429-90-5†	1.7	0.007	mg/L	0.0195	0.007	mg/L	0.0195	300.13%
Antimony,7440-36-0†	-4.2	-0.0013	mg/L	0.00102	-0.0013	mg/L	0.00102	79.31%
Arsenic,7440-38-2†	1.3	0.0003	mg/L	0.00113	0.0003	mg/L	0.00113	336.42%
Barium,7440-39-3†	102.4	0.0004	mg/L	0.00008	0.0004	mg/L	0.00008	20.35%
Beryllium,7440-41-7†	69.1	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	112.95%
Boron,7440-42-8†	161.0	0.0022	mg/L	0.00075	0.0022	mg/L	0.00075	34.13%
Cadmium,7440-43-9†	-16.8	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	81.26%
Calcium,7440-70-2†	125.1	0.148	mg/L	0.0043	0.148	mg/L	0.0043	2.92%
Chromium,7440-47-3†	17.5	0.0001	mg/L	0.00018	0.0001	mg/L	0.00018	242.14%
Cobalt,7440-48-4†	12.7	0.0002	mg/L	0.00010	0.0002	mg/L	0.00010	60.17%
Copper,7440-50-8†	-439.4	-0.0010	mg/L	0.00021	-0.0010	mg/L	0.00021	21.27%
Iron,7439-89-6†	10.0	0.0329	mg/L	0.00534	0.0329	mg/L	0.00534	16.23%
Lead,7439-92-1†	-15.6	-0.0010	mg/L	0.00032	-0.0010	mg/L	0.00032	33.34%
Lithium,7439-93-2†	35.3	0.0021	mg/L	0.00085	0.0021	mg/L	0.00085	40.05%
Magnesium,7439-95-4†	3.3	0.0366	mg/L	0.03469	0.0366	mg/L	0.03469	94.77%
Manganese,7439-96-5†	108.0	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	43.43%
Molybdenum,7439-98-7†	18.2	0.0004	mg/L	0.00019	0.0004	mg/L	0.00019	42.78%
Nickel,7440-02-0†	-3.8	-0.0001	mg/L	0.00021	-0.0001	mg/L	0.00021	410.43%
Potassium,7440-09-7†	94.0	0.0456	mg/L	0.04281	0.0456	mg/L	0.04281	93.85%
Selenium,7782-49-2†	-7.6	-0.0035	mg/L	0.00285	-0.0035	mg/L	0.00285	80.20%
Silicon,7440-21-3†	5.6	0.0455	mg/L	0.00809	0.0455	mg/L	0.00809	17.76%
Silver,7440-22-4†	12.4	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	223.35%
Sodium,7440-23-5†	-443.2	-0.0950	mg/L	0.00456	-0.0950	mg/L	0.00456	4.80%
Strontium,7440-24-6†	4.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	71.00%
Thallium,7440-28-0†	7.6	0.0010	mg/L	0.00068	0.0010	mg/L	0.00068	70.82%
Tin,7440-31-5†	-52.3	-0.0036	mg/L	0.00016	-0.0036	mg/L	0.00016	4.46%
Titanium,7440-32-6†	31.2	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	193.58%
Vanadium,7440-62-2†	-332.7	-0.0020	mg/L	0.00023	-0.0020	mg/L	0.00023	11.28%
Zinc,7440-66-6†	351.6	0.0014	mg/L	0.00001	0.0014	mg/L	0.00001	0.88%
Zirconium,7440-67-7†	-423.8	-0.0008	mg/L	0.00004	-0.0008	mg/L	0.00004	4.86%

Sequence No.: 35
Sample ID: 20607200622 FLDBLK
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 36
Date Collected: 7/25/2006 1:13:05 PM
Data Type: Reprocessed on 7/26/2006 8:03:39 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607200622 FLDBLK

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	101077.2	102.72	%	0.219				0.21%
Ar 420.067 R	883449.8	100.44	%	0.051				0.05%
Scandium-IS	4161100.4	105.02	%	1.209				1.15%
Yttrium,7440-65-5A	2109001.3	104.56	%	1.266				1.21%
Yttrium,7440-65-5R	45823.9	101.29	%	0.208				0.21%
Aluminum,7429-90-5†	-0.5	-0.002	mg/L	0.0145	-0.002	mg/L	0.0145	736.94%
Antimony,7440-36-0†	-5.3	-0.0017	mg/L	0.00451	-0.0017	mg/L	0.00451	272.18%
Arsenic,7440-38-2†	1.9	0.0005	mg/L	0.00208	0.0005	mg/L	0.00208	425.90%
Barium,7440-39-3†	-23.1	-0.0001	mg/L	0.00006	-0.0001	mg/L	0.00006	69.69%
Beryllium,7440-41-7†	83.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	50.18%
Boron,7440-42-8†	122.3	0.0017	mg/L	0.00020	0.0017	mg/L	0.00020	12.30%
Cadmium,7440-43-9†	-35.3	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	28.49%
Calcium,7440-70-2†	8.5	0.010	mg/L	0.0064	0.010	mg/L	0.0064	63.88%
Chromium,7440-47-3†	-12.4	-0.0001	mg/L	0.00006	-0.0001	mg/L	0.00006	94.46%
Cobalt,7440-48-4†	8.6	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	68.24%
Copper,7440-50-8†	-620.3	-0.0014	mg/L	0.00015	-0.0014	mg/L	0.00015	11.06%
Iron,7439-89-6†	-1.7	-0.0056	mg/L	0.00695	-0.0056	mg/L	0.00695	123.18%
Lead,7439-92-1†	-20.6	-0.0013	mg/L	0.00072	-0.0013	mg/L	0.00072	56.14%
Lithium,7439-93-2†	37.7	0.0023	mg/L	0.00357	0.0023	mg/L	0.00357	158.06%
Magnesium,7439-95-4†	0.3	0.0029	mg/L	0.02744	0.0029	mg/L	0.02744	937.55%
Manganese,7439-96-5†	-278.0	-0.0002	mg/L	0.00002	-0.0002	mg/L	0.00002	7.32%
Molybdenum,7439-98-7†	4.0	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	128.66%

Nickel,7440-02-0†	-18.8	-0.0003 mg/L	0.00004	-0.0003 mg/L	0.00004	17.36%
Potassium,7440-09-7†	65.0	0.0316 mg/L	0.02090	0.0316 mg/L	0.02090	66.23%
Selenium,7782-49-2†	-1.0	-0.0005 mg/L	0.00259	-0.0005 mg/L	0.00259	542.81%
Silicon,7440-21-3†	7.9	0.0635 mg/L	0.00668	0.0635 mg/L	0.00668	10.52%
Silver,7440-22-4†	125.8	0.0003 mg/L	0.00018	0.0003 mg/L	0.00018	50.77%
Sodium,7440-23-5†	-569.8	-0.1221 mg/L	0.00541	-0.1221 mg/L	0.00541	4.43%
Strontium,7440-24-6†	-29.7	-0.0001 mg/L	0.00007	-0.0001 mg/L	0.00007	64.85%
Thallium,7440-28-0†	6.4	0.0008 mg/L	0.00068	0.0008 mg/L	0.00068	85.17%
Tin,7440-31-5†	-64.3	-0.0044 mg/L	0.00007	-0.0044 mg/L	0.00007	1.47%
Titanium,7440-32-6†	84.9	0.0001 mg/L	0.00026	0.0001 mg/L	0.00026	204.99%
Vanadium,7440-62-2†	-392.4	-0.0024 mg/L	0.00029	-0.0024 mg/L	0.00029	11.86%
Zinc,7440-66-6†	-690.5	-0.0028 mg/L	0.00011	-0.0028 mg/L	0.00011	3.96%
Zirconium,7440-67-7†	-290.8	-0.0005 mg/L	0.00022	-0.0005 mg/L	0.00022	42.67%

Sequence No.: 36
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/25/2006 1:19:43 PM
Data Type: Reprocessed on 7/26/2006 8:03:41 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98784.4	100.39	%	0.315				0.31%
Ar 420.067 R	871315.1	99.063	%	0.1986				0.20%
Scandium-IS	4031357.0	101.75	%	0.313				0.31%
Yttrium,7440-65-5A	2016031.5	99.951	%	0.3523				0.35%
Yttrium,7440-65-5R	44209.6	97.722	%	0.3926				0.40%
Aluminum,7429-90-5†	1272.0	4.998	mg/L	0.0442	4.998	mg/L	0.0442	0.88%
QC value within limits for Aluminum,7429-90-5 Recovery = 99.95%								
Antimony,7440-36-0†	1653.0	0.5116	mg/L	0.00102	0.5116	mg/L	0.00102	0.20%
QC value within limits for Antimony,7440-36-0 Recovery = 102.32%								
Arsenic,7440-38-2†	1716.4	0.4609	mg/L	0.00803	0.4609	mg/L	0.00803	1.74%
QC value within limits for Arsenic,7440-38-2 Recovery = 92.19%								
Barium,7440-39-3†	132245.8	0.4864	mg/L	0.00291	0.4864	mg/L	0.00291	0.60%
QC value within limits for Barium,7440-39-3 Recovery = 97.29%								
Beryllium,7440-41-7†	2538410.1	0.4924	mg/L	0.00216	0.4924	mg/L	0.00216	0.44%
QC value within limits for Beryllium,7440-41-7 Recovery = 98.47%								
Boron,7440-42-8†	177022.1	2.4065	mg/L	0.00297	2.4065	mg/L	0.00297	0.12%
QC value within limits for Boron,7440-42-8 Recovery = 96.26%								
Cadmium,7440-43-9†	178778.8	0.4826	mg/L	0.00340	0.4826	mg/L	0.00340	0.70%
QC value within limits for Cadmium,7440-43-9 Recovery = 96.52%								
Calcium,7440-70-2†	4316.6	5.110	mg/L	0.0420	5.110	mg/L	0.0420	0.82%
QC value within limits for Calcium,7440-70-2 Recovery = 102.21%								
Chromium,7440-47-3†	107952.7	0.4860	mg/L	0.00271	0.4860	mg/L	0.00271	0.56%
QC value within limits for Chromium,7440-47-3 Recovery = 97.19%								
Cobalt,7440-48-4†	38577.5	0.4886	mg/L	0.00124	0.4886	mg/L	0.00124	0.25%
QC value within limits for Cobalt,7440-48-4 Recovery = 97.72%								
Copper,7440-50-8†	221836.8	0.4843	mg/L	0.00197	0.4843	mg/L	0.00197	0.41%
QC value within limits for Copper,7440-50-8 Recovery = 96.86%								
Iron,7439-89-6†	1592.9	5.2661	mg/L	0.05121	5.2661	mg/L	0.05121	0.97%
QC value within limits for Iron,7439-89-6 Recovery = 105.32%								
Lead,7439-92-1†	7877.2	0.4875	mg/L	0.00199	0.4875	mg/L	0.00199	0.41%
QC value within limits for Lead,7439-92-1 Recovery = 97.50%								
Lithium,7439-93-2†	7954.5	0.4763	mg/L	0.00488	0.4763	mg/L	0.00488	1.03%
QC value within limits for Lithium,7439-93-2 Recovery = 95.26%								
Magnesium,7439-95-4†	454.5	5.0265	mg/L	0.02305	5.0265	mg/L	0.02305	0.46%
QC value within limits for Magnesium,7439-95-4 Recovery = 100.53%								
Manganese,7439-96-5†	559486.3	0.4954	mg/L	0.00252	0.4954	mg/L	0.00252	0.51%
QC value within limits for Manganese,7439-96-5 Recovery = 99.09%								
Molybdenum,7439-98-7†	20260.2	0.4867	mg/L	0.00201	0.4867	mg/L	0.00201	0.41%
QC value within limits for Molybdenum,7439-98-7 Recovery = 97.33%								
Nickel,7440-02-0†	36191.0	0.4861	mg/L	0.00197	0.4861	mg/L	0.00197	0.41%
QC value within limits for Nickel,7440-02-0 Recovery = 97.22%								
Potassium,7440-09-7†	19803.7	9.6054	mg/L	0.06263	9.6054	mg/L	0.06263	0.65%
QC value within limits for Potassium,7440-09-7 Recovery = 96.05%								
Selenium,7782-49-2†	1052.9	0.5000	mg/L	0.00094	0.5000	mg/L	0.00094	0.19%
QC value within limits for Selenium,7782-49-2 Recovery = 99.99%								

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Silicon,7440-21-3†        70.5      0.5762 mg/L      0.01432      0.5762 mg/L      0.01432   2.48%
   QC value greater than the upper limit for Silicon,7440-21-3  Recovery = 115.23%
Silver,7440-22-4†     175647.0      0.4884 mg/L      0.00247      0.4884 mg/L      0.00247   0.51%
   QC value within limits for Silver,7440-22-4  Recovery = 97.68%
Sodium,7440-23-5†      89552.2     19.198 mg/L       0.1468     19.198 mg/L       0.1468   0.76%
   QC value within limits for Sodium,7440-23-5  Recovery = 95.99%
Strontium,7440-24-6†  138753.3      0.4980 mg/L      0.00378      0.4980 mg/L      0.00378   0.76%
   QC value within limits for Strontium,7440-24-6  Recovery = 99.60%
Thallium,7440-28-0†     3855.4      0.4972 mg/L      0.00039      0.4972 mg/L      0.00039   0.08%
   QC value within limits for Thallium,7440-28-0  Recovery = 99.44%
Tin,7440-31-5†          7048.4      0.4871 mg/L      0.00112      0.4871 mg/L      0.00112   0.23%
   QC value within limits for Tin,7440-31-5  Recovery = 97.43%
Titanium,7440-32-6†   330751.0      0.4980 mg/L      0.00210      0.4980 mg/L      0.00210   0.42%
   QC value within limits for Titanium,7440-32-6  Recovery = 99.60%
Vanadium,7440-62-2†    77456.4      0.4752 mg/L      0.00150      0.4752 mg/L      0.00150   0.31%
   QC value within limits for Vanadium,7440-62-2  Recovery = 95.04%
Zinc,7440-66-6†       120893.5      0.4860 mg/L      0.00252      0.4860 mg/L      0.00252   0.52%
   QC value within limits for Zinc,7440-66-6  Recovery = 97.19%
Zirconium,7440-67-7†  272656.2      0.4843 mg/L      0.00173      0.4843 mg/L      0.00173   0.36%
   QC value within limits for Zirconium,7440-67-7  Recovery = 96.85%
QC Failed.  Continue with analysis.
```

Sequence No.: 37 **Autosampler Location: 1**
Sample ID: 1900 **Date Collected: 7/25/2006 1:26:46 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:03:44 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1900

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	99489.5	101.11	%	0.294				0.29%
Ar 420.067 R	875965.8	99.592	%	0.2118				0.21%
Scandium-IS	4113893.5	103.83	%	0.668				0.64%
Yttrium,7440-65-5A	2088170.8	103.53	%	0.715				0.69%
Yttrium,7440-65-5R	45722.9	101.07	%	0.934				0.92%
Aluminum,7429-90-5†	-1.8	-0.007	mg/L	0.0196	-0.007	mg/L	0.0196	278.40%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	2.0	0.0006	mg/L	0.00507	0.0006	mg/L	0.00507	816.47%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	-0.6	-0.0002	mg/L	0.00241	-0.0002	mg/L	0.00241	>999.9%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	-22.4	-0.0001	mg/L	0.00004	-0.0001	mg/L	0.00004	49.91%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	54.1	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	215.94%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	2410.0	0.0327	mg/L	0.00133	0.0327	mg/L	0.00133	4.07%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	-14.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	25.06%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	3.3	0.004	mg/L	0.0093	0.004	mg/L	0.0093	239.97%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-13.0	-0.0001	mg/L	0.00027	-0.0001	mg/L	0.00027	443.12%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	8.4	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	115.89%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	148.9	0.0003	mg/L	0.00014	0.0003	mg/L	0.00014	42.77%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	1.6	0.0052	mg/L	0.00360	0.0052	mg/L	0.00360	69.87%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	-14.2	-0.0009	mg/L	0.00060	-0.0009	mg/L	0.00060	68.70%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	17.4	0.0010	mg/L	0.00204	0.0010	mg/L	0.00204	196.37%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	0.3	0.0039	mg/L	0.01662	0.0039	mg/L	0.01662	430.14%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	21.2	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	206.97%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								

Molybdenum,7439-98-7†	43.1	0.0010 mg/L	0.00011	0.0010 mg/L	0.00011	10.90%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated						
Nickel,7440-02-0†	62.7	0.0008 mg/L	0.00018	0.0008 mg/L	0.00018	21.57%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated						
Potassium,7440-09-7†	69.3	0.0336 mg/L	0.01905	0.0336 mg/L	0.01905	56.65%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated						
Selenium,7782-49-2†	-2.2	-0.0010 mg/L	0.00384	-0.0010 mg/L	0.00384	373.71%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated						
Silicon,7440-21-3†	6.9	0.0557 mg/L	0.01575	0.0557 mg/L	0.01575	28.29%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated						
Silver,7440-22-4†	70.6	0.0002 mg/L	0.00006	0.0002 mg/L	0.00006	29.57%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated						
Sodium,7440-23-5†	-392.2	-0.0841 mg/L	0.00548	-0.0841 mg/L	0.00548	6.52%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated						
Strontium,7440-24-6†	-3.5	0.0000 mg/L	0.00005	0.0000 mg/L	0.00005	394.90%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated						
Thallium,7440-28-0†	10.5	0.0013 mg/L	0.00134	0.0013 mg/L	0.00134	101.07%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated						
Tin,7440-31-5†	-28.6	-0.0020 mg/L	0.00102	-0.0020 mg/L	0.00102	51.66%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated						
Titanium,7440-32-6†	107.3	0.0002 mg/L	0.00015	0.0002 mg/L	0.00015	91.06%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated						
Vanadium,7440-62-2†	-424.0	-0.0026 mg/L	0.00012	-0.0026 mg/L	0.00012	4.50%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6†	-849.8	-0.0035 mg/L	0.00002	-0.0035 mg/L	0.00002	0.64%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7†	285.9	0.0005 mg/L	0.00041	0.0005 mg/L	0.00041	80.88%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 38
Sample ID: 20607201919 FLDBLK
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 37
Date Collected: 7/25/2006 1:33:20 PM
Data Type: Reprocessed on 7/26/2006 8:03:46 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607201919 FLDBLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100831.5	102.47	%	0.118				0.11%
Ar 420.067 R	879250.5	99.965	%	0.3715				0.37%
Scandium-IS	4164034.0	105.09	%	1.089				1.04%
Yttrium,7440-65-5A	2115369.5	104.88	%	0.959				0.91%
Yttrium,7440-65-5R	46076.0	101.85	%	1.335				1.31%
Aluminum,7429-90-5†	1.1	0.004	mg/L	0.0138	0.004	mg/L	0.0138	315.99%
Antimony,7440-36-0†	2.5	0.0008	mg/L	0.00002	0.0008	mg/L	0.00002	2.61%
Arsenic,7440-38-2†	-1.1	-0.0003	mg/L	0.00164	-0.0003	mg/L	0.00164	551.23%
Barium,7440-39-3†	-4.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	67.44%
Beryllium,7440-41-7†	104.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	56.49%
Boron,7440-42-8†	1159.4	0.0157	mg/L	0.00085	0.0157	mg/L	0.00085	5.40%
Cadmium,7440-43-9†	-3.1	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	416.39%
Calcium,7440-70-2†	63.8	0.076	mg/L	0.0048	0.076	mg/L	0.0048	6.30%
Chromium,7440-47-3†	-34.1	-0.0002	mg/L	0.00013	-0.0002	mg/L	0.00013	81.50%
Cobalt,7440-48-4†	22.4	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	28.32%
Copper,7440-50-8†	-689.9	-0.0015	mg/L	0.00002	-0.0015	mg/L	0.00002	1.00%
Iron,7439-89-6†	0.2	0.0007	mg/L	0.00417	0.0007	mg/L	0.00417	601.04%
Lead,7439-92-1†	-26.2	-0.0016	mg/L	0.00071	-0.0016	mg/L	0.00071	44.05%
Lithium,7439-93-2†	-5.9	-0.0004	mg/L	0.00139	-0.0004	mg/L	0.00139	395.19%
Magnesium,7439-95-4†	2.1	0.0231	mg/L	0.02639	0.0231	mg/L	0.02639	114.39%
Manganese,7439-96-5†	300.9	0.0003	mg/L	0.00017	0.0003	mg/L	0.00017	65.09%
Molybdenum,7439-98-7†	28.0	0.0007	mg/L	0.00029	0.0007	mg/L	0.00029	42.43%
Nickel,7440-02-0†	16.1	0.0002	mg/L	0.00020	0.0002	mg/L	0.00020	90.17%
Potassium,7440-09-7†	65.5	0.0318	mg/L	0.02822	0.0318	mg/L	0.02822	88.72%
Selenium,7782-49-2†	2.9	0.0014	mg/L	0.00510	0.0014	mg/L	0.00510	368.85%
Silicon,7440-21-3†	7.9	0.0633	mg/L	0.01497	0.0633	mg/L	0.01497	23.65%
Silver,7440-22-4†	98.1	0.0003	mg/L	0.00038	0.0003	mg/L	0.00038	139.44%
Sodium,7440-23-5†	-565.4	-0.1212	mg/L	0.00594	-0.1212	mg/L	0.00594	4.90%
Strontium,7440-24-6†	-44.9	-0.0002	mg/L	0.00017	-0.0002	mg/L	0.00017	106.61%

Thallium,7440-28-0†	12.0	0.0015 mg/L	0.00081	0.0015 mg/L	0.00081	53.39%
Tin,7440-31-5†	-54.5	-0.0038 mg/L	0.00056	-0.0038 mg/L	0.00056	14.78%
Titanium,7440-32-6†	10.8	0.0000 mg/L	0.00010	0.0000 mg/L	0.00010	635.17%
Vanadium,7440-62-2†	-402.8	-0.0025 mg/L	0.00020	-0.0025 mg/L	0.00020	8.06%
Zinc,7440-66-6†	411.3	0.0017 mg/L	0.00010	0.0017 mg/L	0.00010	6.20%
Zirconium,7440-67-7†	-311.5	-0.0006 mg/L	0.00011	-0.0006 mg/L	0.00011	20.78%

Sequence No.: 39
Sample ID: 20607210722 FLDBLK
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 38
Date Collected: 7/25/2006 1:39:58 PM
Data Type: Reprocessed on 7/26/2006 8:03:50 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607210722 FLDBLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100250.3	101.88	%	0.327				0.32%
Ar 420.067 R	879317.5	99.973	%	0.2992				0.30%
Scandium-IS	4136877.0	104.41	%	0.345				0.33%
Yttrium,7440-65-5A	2103320.6	104.28	%	0.321				0.31%
Yttrium,7440-65-5R	46019.0	101.72	%	0.836				0.82%
Aluminum,7429-90-5†	-3.0	-0.012	mg/L	0.0203	-0.012	mg/L	0.0203	172.90%
Antimony,7440-36-0†	3.9	0.0012	mg/L	0.00430	0.0012	mg/L	0.00430	356.64%
Arsenic,7440-38-2†	-6.7	-0.0018	mg/L	0.00190	-0.0018	mg/L	0.00190	106.12%
Barium,7440-39-3†	-4.3	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	277.66%
Beryllium,7440-41-7†	137.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	45.55%
Boron,7440-42-8†	743.9	0.0101	mg/L	0.00026	0.0101	mg/L	0.00026	2.60%
Cadmium,7440-43-9†	15.9	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	118.54%
Calcium,7440-70-2†	189.3	0.224	mg/L	0.0030	0.224	mg/L	0.0030	1.32%
Chromium,7440-47-3†	6.2	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	215.47%
Cobalt,7440-48-4†	9.5	0.0001	mg/L	0.00024	0.0001	mg/L	0.00024	195.39%
Copper,7440-50-8†	-627.6	-0.0014	mg/L	0.00016	-0.0014	mg/L	0.00016	11.27%
Iron,7439-89-6†	0.3	0.0008	mg/L	0.00367	0.0008	mg/L	0.00367	432.62%
Lead,7439-92-1†	-12.0	-0.0007	mg/L	0.00006	-0.0007	mg/L	0.00006	7.45%
Lithium,7439-93-2†	47.0	0.0028	mg/L	0.00186	0.0028	mg/L	0.00186	66.09%
Magnesium,7439-95-4†	2.4	0.0267	mg/L	0.01186	0.0267	mg/L	0.01186	44.46%
Manganese,7439-96-5†	-56.9	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	68.99%
Molybdenum,7439-98-7†	23.5	0.0006	mg/L	0.00016	0.0006	mg/L	0.00016	27.68%
Nickel,7440-02-0†	11.4	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	94.60%
Potassium,7440-09-7†	34.8	0.0168	mg/L	0.03776	0.0168	mg/L	0.03776	224.21%
Selenium,7782-49-2†	-7.2	-0.0034	mg/L	0.00159	-0.0034	mg/L	0.00159	46.55%
Silicon,7440-21-3†	8.3	0.0667	mg/L	0.01441	0.0667	mg/L	0.01441	21.59%
Silver,7440-22-4†	133.8	0.0004	mg/L	0.00016	0.0004	mg/L	0.00016	44.09%
Sodium,7440-23-5†	-603.3	-0.1293	mg/L	0.00825	-0.1293	mg/L	0.00825	6.38%
Strontium,7440-24-6†	-4.4	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010	503.04%
Thallium,7440-28-0†	14.0	0.0018	mg/L	0.00091	0.0018	mg/L	0.00091	51.46%
Tin,7440-31-5†	-63.4	-0.0044	mg/L	0.00095	-0.0044	mg/L	0.00095	21.74%
Titanium,7440-32-6†	56.6	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	15.41%
Vanadium,7440-62-2†	-384.8	-0.0024	mg/L	0.00007	-0.0024	mg/L	0.00007	2.94%
Zinc,7440-66-6†	1795.0	0.0073	mg/L	0.00009	0.0073	mg/L	0.00009	1.23%
Zirconium,7440-67-7†	-400.0	-0.0007	mg/L	0.00022	-0.0007	mg/L	0.00022	31.20%

Sequence No.: 40
Sample ID: 20607191419 Zn
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 5X

Autosampler Location: 39
Date Collected: 7/25/2006 1:46:33 PM
Data Type: Reprocessed on 7/26/2006 8:03:52 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607191419 Zn

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	94940.8	96.483	%	0.4794				0.50%
Ar 420.067 R	864060.6	98.238	%	0.3625				0.37%
Scandium-IS	4021539.4	101.50	%	0.397				0.39%
Yttrium,7440-65-5A	2033946.2	100.84	%	0.350				0.35%

Yttrium,7440-65-5R	44873.6	99.190	%	0.6357				0.64%
Aluminum,7429-90-5†	4422.5	17.35	mg/L	0.168	3470	mg/kg	33.7	0.97%
Antimony,7440-36-0†	-13.0	-0.0054	mg/L	0.00035	-1.0847	mg/kg	0.06981	6.44%
Arsenic,7440-38-2†	-14.5	0.0065	mg/L	0.00100	1.3005	mg/kg	0.20061	15.42%
Barium,7440-39-3†	96046.4	0.3523	mg/L	0.00070	70.453	mg/kg	0.1394	0.20%
Beryllium,7440-41-7†	6892.7	0.0014	mg/L	0.00001	0.2735	mg/kg	0.00213	0.78%
Boron,7440-42-8†	506.1	0.0374	mg/L	0.00094	7.4790	mg/kg	0.18888	2.53%
Cadmium,7440-43-9†	389.6	-0.0009	mg/L	0.00005	-0.1861	mg/kg	0.01060	5.70%
Calcium,7440-70-2†	60822.6	72.04	mg/L	0.212	14410	mg/kg	42.4	0.29%
Chromium,7440-47-3†	12580.4	0.0542	mg/L	0.00040	10.849	mg/kg	0.0797	0.73%
Cobalt,7440-48-4†	1014.8	0.0117	mg/L	0.00006	2.3379	mg/kg	0.01177	0.50%
Copper,7440-50-8†	19738.6	0.0411	mg/L	0.00027	8.2290	mg/kg	0.05310	0.65%
Iron,7439-89-6†	13299.5	43.965	mg/L	0.0738	8793.0	mg/kg	14.76	0.17%
Lead,7439-92-1†	1356.8	0.0855	mg/L	0.00040	17.096	mg/kg	0.0810	0.47%
Lithium,7439-93-2†	660.6	0.0398	mg/L	0.00371	7.9576	mg/kg	0.74142	9.32%
Magnesium,7439-95-4†	1129.2	12.509	mg/L	0.0620	2501.8	mg/kg	12.40	0.50%
Manganese,7439-96-5†	704765.1	0.6243	mg/L	0.00148	124.86	mg/kg	0.295	0.24%
Molybdenum,7439-98-7†	132.1	0.0034	mg/L	0.00010	0.6860	mg/kg	0.02050	2.99%
Nickel,7440-02-0†	2388.4	0.0316	mg/L	0.00018	6.3127	mg/kg	0.03504	0.56%
Potassium,7440-09-7†	9519.1	4.5982	mg/L	0.05705	919.65	mg/kg	11.409	1.24%
Selenium,7782-49-2†	-79.7	-0.0098	mg/L	0.00579	-1.9545	mg/kg	1.15896	59.30%
Silicon,7440-21-3†	868.8	7.0770	mg/L	0.08266	1415.4	mg/kg	16.53	1.17%
Silver,7440-22-4†	-6000.2	-0.0074	mg/L	0.00003	-1.4776	mg/kg	0.00636	0.43%
Sodium,7440-23-5†	22460.4	4.8151	mg/L	0.04351	963.02	mg/kg	8.701	0.90%
Strontium,7440-24-6†	32408.3	0.1148	mg/L	0.00024	22.965	mg/kg	0.0474	0.21%
Thallium,7440-28-0†	-21.1	-0.0012	mg/L	0.00092	-0.2328	mg/kg	0.18327	78.73%
Tin,7440-31-5†	-210.3	-0.0137	mg/L	0.00060	-2.7396	mg/kg	0.12048	4.40%
Titanium,7440-32-6†	52056.1	0.0783	mg/L	0.00042	15.656	mg/kg	0.0842	0.54%
Vanadium,7440-62-2†	6763.0	0.0386	mg/L	0.00049	7.7209	mg/kg	0.09815	1.27%
Zinc,7440-66-6†	2365461.5	9.6016	mg/L	0.02867	1920.3	mg/kg	5.73	0.30%
Zirconium,7440-67-7†	-1394.7	-0.0021	mg/L	0.00014	-0.4247	mg/kg	0.02896	6.82%

Sequence No.: 41
Sample ID: 20607202102
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 40
Date Collected: 7/25/2006 1:53:13 PM
Data Type: Reprocessed on 7/26/2006 8:03:55 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202102

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	81800.7	83.129	%	0.1933				0.23%
Ar 420.067 R	809963.1	92.088	%	0.1628				0.18%
Scandium-IS	3750073.5	94.646	%	0.7747				0.82%
Yttrium,7440-65-5A	1971669.6	97.752	%	0.8341				0.85%
Yttrium,7440-65-5R	44411.0	98.167	%	0.1679				0.17%
Aluminum,7429-90-5†	35703.6	140.1	mg/L	0.52	5558	mg/kg	20.5	0.37%
Antimony,7440-36-0†	-114.2	-0.0392	mg/L	0.01165	-1.5545	mg/kg	0.46247	29.75%
Arsenic,7440-38-2†	89.5	0.0802	mg/L	0.00454	3.1818	mg/kg	0.18011	5.66%
Barium,7440-39-3†	511307.7	1.8743	mg/L	0.01538	74.377	mg/kg	0.6104	0.82%
Beryllium,7440-41-7†	51363.1	0.0099	mg/L	0.00010	0.3936	mg/kg	0.00397	1.01%
Boron,7440-42-8†	2440.5	0.1721	mg/L	0.00072	6.8298	mg/kg	0.02857	0.42%
Cadmium,7440-43-9†	1022.3	-0.0069	mg/L	0.00023	-0.2724	mg/kg	0.00911	3.34%
Calcium,7440-70-2†	863281.5	1022	mg/L	3.9	40570	mg/kg	154.7	0.38%
Chromium,7440-47-3†	42692.9	0.1721	mg/L	0.00273	6.8309	mg/kg	0.10815	1.58%
Cobalt,7440-48-4†	7774.6	0.0926	mg/L	0.00113	3.6759	mg/kg	0.04503	1.22%
Copper,7440-50-8†	96283.2	0.1587	mg/L	0.00201	6.2974	mg/kg	0.07996	1.27%
Iron,7439-89-6†	64312.3	212.61	mg/L	1.178	8436.8	mg/kg	46.76	0.55%
Lead,7439-92-1†	11545.5	0.7325	mg/L	0.00991	29.067	mg/kg	0.3933	1.35%
Lithium,7439-93-2†	3783.8	0.2280	mg/L	0.00307	9.0484	mg/kg	0.12179	1.35%
Magnesium,7439-95-4†	10795.4	119.45	mg/L	0.509	4739.9	mg/kg	20.21	0.43%
Manganese,7439-96-5†	5661201.0	5.0171	mg/L	0.04312	199.09	mg/kg	1.711	0.86%
Molybdenum,7439-98-7†	269.1	0.0060	mg/L	0.00082	0.2380	mg/kg	0.03254	13.67%
Nickel,7440-02-0†	16256.5	0.2154	mg/L	0.00259	8.5492	mg/kg	0.10276	1.20%
Potassium,7440-09-7†	80448.5	38.829	mg/L	0.2053	1540.8	mg/kg	8.15	0.53%
Selenium,7782-49-2†	-356.3	-0.0239	mg/L	0.00307	-0.9473	mg/kg	0.12197	12.88%
Silicon,7440-21-3†	1360.3	11.332	mg/L	0.0344	449.69	mg/kg	1.365	0.30%
Silver,7440-22-4†	-28630.7	-0.0355	mg/L	0.00089	-1.4105	mg/kg	0.03541	2.51%

Sodium,7440-23-5†	302889.8	64.922 mg/L	0.2841	2576.3 mg/kg	11.27	0.44%
Strontium,7440-24-6†	433458.5	1.5352 mg/L	0.00492	60.919 mg/kg	0.1951	0.32%
Thallium,7440-28-0†	-147.5	-0.0075 mg/L	0.00170	-0.2961 mg/kg	0.06754	22.81%
Tin,7440-31-5†	-279.5	0.0019 mg/L	0.00057	0.0746 mg/kg	0.02270	30.43%
Titanium,7440-32-6†	219569.6	0.3301 mg/L	0.00135	13.098 mg/kg	0.0535	0.41%
Vanadium,7440-62-2†	53396.8	0.3159 mg/L	0.00296	12.536 mg/kg	0.1173	0.94%
Zinc,7440-66-6†	356702.3	1.3996 mg/L	0.01266	55.538 mg/kg	0.5022	0.90%
Zirconium,7440-67-7†	34677.4	0.0686 mg/L	0.00045	2.7216 mg/kg	0.01773	0.65%

Sequence No.: 42
Sample ID: 20607202103
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 41
Date Collected: 7/25/2006 1:59:08 PM
Data Type: Reprocessed on 7/26/2006 8:03:57 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202103

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	83602.7	84.960	%	0.1636				0.19%
Ar 420.067 R	812512.1	92.378	%	0.2870				0.31%
Scandium-IS	3750310.1	94.652	%	0.8662				0.92%
Yttrium,7440-65-5A	1983580.7	98.342	%	0.8476				0.86%
Yttrium,7440-65-5R	45637.2	100.88	%	0.759				0.75%
Aluminum,7429-90-5†	31453.5	123.4	mg/L	1.17	4897	mg/kg	46.4	0.95%
Antimony,7440-36-0†	-85.1	-0.0301	mg/L	0.00325	-1.1943	mg/kg	0.12878	10.78%
Arsenic,7440-38-2†	33.7	0.0597	mg/L	0.00436	2.3673	mg/kg	0.17321	7.32%
Barium,7440-39-3†	727842.8	2.6727	mg/L	0.02455	106.06	mg/kg	0.974	0.92%
Beryllium,7440-41-7†	40467.5	0.0078	mg/L	0.00008	0.3082	mg/kg	0.00303	0.98%
Boron,7440-42-8†	6651.0	0.2160	mg/L	0.00071	8.5707	mg/kg	0.02826	0.33%
Cadmium,7440-43-9†	1760.4	-0.0039	mg/L	0.00020	-0.1529	mg/kg	0.00798	5.22%
Calcium,7440-70-2†	702654.4	832.2	mg/L	3.07	33020	mg/kg	121.9	0.37%
Chromium,7440-47-3†	45024.3	0.1853	mg/L	0.00357	7.3522	mg/kg	0.14157	1.93%
Cobalt,7440-48-4†	6257.1	0.0735	mg/L	0.00175	2.9149	mg/kg	0.06935	2.38%
Copper,7440-50-8†	94025.8	0.1644	mg/L	0.00216	6.5235	mg/kg	0.08573	1.31%
Iron,7439-89-6†	57650.6	190.58	mg/L	0.518	7562.8	mg/kg	20.57	0.27%
Lead,7439-92-1†	5023.6	0.3258	mg/L	0.00805	12.928	mg/kg	0.3193	2.47%
Lithium,7439-93-2†	2754.7	0.1662	mg/L	0.00527	6.5941	mg/kg	0.20917	3.17%
Magnesium,7439-95-4†	7835.8	86.727	mg/L	0.9157	3441.5	mg/kg	36.34	1.06%
Manganese,7439-96-5†	4808944.5	4.2615	mg/L	0.03904	169.11	mg/kg	1.549	0.92%
Molybdenum,7439-98-7†	505.7	0.0120	mg/L	0.00060	0.4743	mg/kg	0.02379	5.02%
Nickel,7440-02-0†	15352.9	0.2036	mg/L	0.00402	8.0780	mg/kg	0.15935	1.97%
Potassium,7440-09-7†	73653.5	35.570	mg/L	0.2663	1411.5	mg/kg	10.57	0.75%
Selenium,7782-49-2†	-360.5	-0.0419	mg/L	0.00495	-1.6621	mg/kg	0.19641	11.82%
Silicon,7440-21-3†	1541.6	12.758	mg/L	0.1453	506.25	mg/kg	5.768	1.14%
Silver,7440-22-4†	-25796.8	-0.0321	mg/L	0.00070	-1.2727	mg/kg	0.02783	2.19%
Sodium,7440-23-5†	167431.0	35.885	mg/L	0.2809	1424.0	mg/kg	11.15	0.78%
Strontium,7440-24-6†	470200.5	1.6709	mg/L	0.00270	66.307	mg/kg	0.1070	0.16%
Thallium,7440-28-0†	-144.8	-0.0071	mg/L	0.00351	-0.2817	mg/kg	0.13925	49.43%
Tin,7440-31-5†	-226.0	0.0009	mg/L	0.00060	0.0353	mg/kg	0.02364	67.08%
Titanium,7440-32-6†	372308.4	0.5601	mg/L	0.00460	22.228	mg/kg	0.1824	0.82%
Vanadium,7440-62-2†	49603.5	0.2933	mg/L	0.00269	11.638	mg/kg	0.1068	0.92%
Zinc,7440-66-6†	1169669.9	4.7091	mg/L	0.04344	186.87	mg/kg	1.724	0.92%
Zirconium,7440-67-7†	45288.7	0.0860	mg/L	0.00093	3.4128	mg/kg	0.03690	1.08%

Sequence No.: 43
Sample ID: 20607202104
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 42
Date Collected: 7/25/2006 2:05:03 PM
Data Type: Reprocessed on 7/26/2006 8:04:00 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202104

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	83926.1	85.289	%	0.3513				0.41%
Ar 420.067 R	812987.3	92.432	%	0.0593				0.06%

Scandium-IS	3825530.3	96.550 %	0.3934				0.41%
Yttrium,7440-65-5A	2005661.7	99.437 %	0.4247				0.43%
Yttrium,7440-65-5R	44757.0	98.932 %	1.1113				1.12%
Aluminum,7429-90-5†	30010.2	117.7 mg/L	2.10	4709	mg/kg	83.8	1.78%
Antimony,7440-36-0†	-142.6	-0.0533 mg/L	0.00837	-2.1315	mg/kg	0.33483	15.71%
Arsenic,7440-38-2†	59.6	0.0868 mg/L	0.00191	3.4718	mg/kg	0.07644	2.20%
Barium,7440-39-3†	969806.2	3.5612 mg/L	0.00309	142.45	mg/kg	0.124	0.09%
Beryllium,7440-41-7†	40529.4	0.0081 mg/L	0.00002	0.3258	mg/kg	0.00090	0.28%
Boron,7440-42-8†	109.9	0.2105 mg/L	0.00396	8.4204	mg/kg	0.15838	1.88%
Cadmium,7440-43-9†	2763.3	-0.0062 mg/L	0.00002	-0.2473	mg/kg	0.00081	0.33%
Calcium,7440-70-2†	527962.7	625.3 mg/L	2.80	25010	mg/kg	111.8	0.45%
Chromium,7440-47-3†	59373.4	0.2512 mg/L	0.00169	10.047	mg/kg	0.0678	0.67%
Cobalt,7440-48-4†	7877.9	0.0922 mg/L	0.00032	3.6891	mg/kg	0.01292	0.35%
Copper,7440-50-8†	154482.1	0.3163 mg/L	0.00021	12.651	mg/kg	0.0084	0.07%
Iron,7439-89-6†	91367.7	302.04 mg/L	1.952	12082	mg/kg	78.1	0.65%
Lead,7439-92-1†	7746.2	0.4905 mg/L	0.00310	19.621	mg/kg	0.1238	0.63%
Lithium,7439-93-2†	2704.8	0.1635 mg/L	0.00283	6.5416	mg/kg	0.11318	1.73%
Magnesium,7439-95-4†	7145.9	79.179 mg/L	1.5471	3167.2	mg/kg	61.88	1.95%
Manganese,7439-96-5†	4504028.3	3.9903 mg/L	0.00265	159.61	mg/kg	0.106	0.07%
Molybdenum,7439-98-7†	912.0	0.0233 mg/L	0.00072	0.9307	mg/kg	0.02899	3.11%
Nickel,7440-02-0†	17249.1	0.2282 mg/L	0.00074	9.1293	mg/kg	0.02952	0.32%
Potassium,7440-09-7†	68658.7	33.158 mg/L	0.1160	1326.3	mg/kg	4.64	0.35%
Selenium,7782-49-2†	-497.0	-0.0403 mg/L	0.01428	-1.6117	mg/kg	0.57110	35.43%
Silicon,7440-21-3†	1436.5	12.131 mg/L	0.1760	485.25	mg/kg	7.039	1.45%
Silver,7440-22-4†	-42547.7	-0.0545 mg/L	0.00037	-2.1815	mg/kg	0.01468	0.67%
Sodium,7440-23-5†	118733.3	25.454 mg/L	0.0860	1018.2	mg/kg	3.44	0.34%
Strontium,7440-24-6†	330975.9	1.1751 mg/L	0.00670	47.006	mg/kg	0.2678	0.57%
Thallium,7440-28-0†	-171.1	-0.0134 mg/L	0.00457	-0.5361	mg/kg	0.18295	34.12%
Tin,7440-31-5†	-105.2	0.0017 mg/L	0.00233	0.0662	mg/kg	0.09312	140.61%
Titanium,7440-32-6†	237248.6	0.3565 mg/L	0.00086	14.260	mg/kg	0.0342	0.24%
Vanadium,7440-62-2†	47912.5	0.2741 mg/L	0.00045	10.963	mg/kg	0.0180	0.16%
Zinc,7440-66-6†	1217061.0	4.8941 mg/L	0.00596	195.76	mg/kg	0.238	0.12%
Zirconium,7440-67-7†	37803.4	0.0707 mg/L	0.00037	2.8281	mg/kg	0.01496	0.53%

Sequence No.: 44
Sample ID: 20607202105
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

RF@24
KSM 7-26-06

Autosampler Location: 43
Date Collected: 7/25/2006 2:10:48 PM
Data Type: Reprocessed on 7/26/2006 8:04:02 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202105

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	72135.3	73.307	%	0.2159				0.29%
Ar 420.067 R	754452.1	85.777	%	0.5667				0.66%
Scandium-IS	3481494.9	87.867	%	0.4865				0.55%
Yttrium,7440-65-5A	1808576.5	89.666	%	0.4857				0.54%
Yttrium,7440-65-5R	41425.1	91.567	%	1.0520				1.15%
Aluminum,7429-90-5†	30680.1	120.3	mg/L	1.41	4814	mg/kg	56.5	1.17%
Antimony,7440-36-0†	-130.0	-0.0435	mg/L	0.00563	-1.7383	mg/kg	0.22521	12.96%
Arsenic,7440-38-2†	63.9	0.0798	mg/L	0.00345	3.1937	mg/kg	0.13796	4.32%
Barium,7440-39-3†	443082.4	1.6181	mg/L	0.00056	64.723	mg/kg	0.0225	0.03%
Beryllium,7440-41-7†	37160.3	0.0073	mg/L	0.00001	0.2930	mg/kg	0.00042	0.14%
Boron,7440-42-8†	2136.0	0.2067	mg/L	0.00238	8.2673	mg/kg	0.09539	1.15%
Cadmium,7440-43-9†	21658.0	0.0453	mg/L	0.00069	1.8102	mg/kg	0.02742	1.51%
Calcium,7440-70-2†	2180891.7	2583	mg/L	25.0	103300	mg/kg	1000.4	0.97%
Chromium,7440-47-3†	42676.8	0.1749	mg/L	0.00182	6.9964	mg/kg	0.07290	1.04%
Cobalt,7440-48-4†	6103.4	0.0699	mg/L	0.00082	2.7946	mg/kg	0.03286	1.18%
Copper,7440-50-8†	198354.9	0.2921	mg/L	0.00103	11.685	mg/kg	0.0412	0.35%
Iron,7439-89-6†	85359.7	282.20	mg/L	1.376	11288	mg/kg	55.0	0.49%
Lead,7439-92-1†	3497.4	0.2435	mg/L	0.00193	9.7399	mg/kg	0.07712	0.79%
Lithium,7439-93-2†	3383.8	0.2043	mg/L	0.00576	8.1727	mg/kg	0.23029	2.82%
Magnesium,7439-95-4†	10719.2	118.68	mg/L	1.265	4747.2	mg/kg	50.59	1.07%
Manganese,7439-96-5†	5475847.2	4.8569	mg/L	0.00487	194.28	mg/kg	0.195	0.10%
Molybdenum,7439-98-7†	727.5	0.0128	mg/L	0.00059	0.5130	mg/kg	0.02349	4.58%
Nickel,7440-02-0†	14623.3	0.1930	mg/L	0.00218	7.7193	mg/kg	0.08707	1.13%
Potassium,7440-09-7†	78193.2	37.498	mg/L	0.1140	1499.9	mg/kg	4.56	0.30%
Selenium,7782-49-2†	-550.7	-0.0422	mg/L	0.01009	-1.6874	mg/kg	0.40376	23.93%

Silicon,7440-21-3†	2346.4	19.406 mg/L	0.1957	776.23 mg/kg	7.828	1.01%
Silver,7440-22-4†	-36369.1	-0.0437 mg/L	0.00078	-1.7496 mg/kg	0.03101	1.77%
Sodium,7440-23-5†	280531.2	60.134 mg/L	0.1195	2405.4 mg/kg	4.78	0.20%
Strontium,7440-24-6†	1974918.8	7.0375 mg/L	0.08714	281.50 mg/kg	3.486	1.24%
Thallium,7440-28-0†	-171.9	-0.0156 mg/L	0.00416	-0.6255 mg/kg	0.16628	26.59%
Tin,7440-31-5†	-253.2	0.0417 mg/L	0.00122	1.6691 mg/kg	0.04875	2.92%
Titanium,7440-32-6†	304641.4	0.4580 mg/L	0.00350	18.321 mg/kg	0.1400	0.76%
Vanadium,7440-62-2†	45454.6	0.2635 mg/L	0.00052	10.539 mg/kg	0.0208	0.20%
Zinc,7440-66-6†	503378.6	1.9597 mg/L	0.00187	78.387 mg/kg	0.0749	0.10%
Zirconium,7440-67-7†	32843.7	0.0777 mg/L	0.00034	3.1088 mg/kg	0.01374	0.44%

Sequence No.: 45
Sample ID: 20607202109
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 44
Date Collected: 7/25/2006 2:16:59 PM
Data Type: Reprocessed on 7/26/2006 8:04:05 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202109

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	77703.2	78.965	%	0.5835				0.74%
Ar 420.067 R	764347.3	86.902	%	0.1371				0.16%
Scandium-IS	3698502.3	93.344	%	1.2719				1.36%
Yttrium,7440-65-5A	1915543.1	94.969	%	1.1698				1.23%
Yttrium,7440-65-5R	42742.2	94.478	%	0.6420				0.68%
Aluminum,7429-90-5†	21961.1	86.15	mg/L	1.241	3446	mg/kg	49.6	1.44%
Antimony,7440-36-0†	-183.3	-0.0699	mg/L	0.00680	-2.7969	mg/kg	0.27187	9.72%
Arsenic,7440-38-2†	159.8	0.1276	mg/L	0.00904	5.1050	mg/kg	0.36145	7.08%
Barium,7440-39-3†	2457585.1	9.0359	mg/L	0.14602	361.43	mg/kg	5.841	1.62%
Beryllium,7440-41-7†	42917.0	0.0085	mg/L	0.00011	0.3407	mg/kg	0.00433	1.27%
Boron,7440-42-8†	-308.1	0.2775	mg/L	0.00191	11.098	mg/kg	0.0764	0.69%
Cadmium,7440-43-9†	7496.5	0.0015	mg/L	0.00049	0.0619	mg/kg	0.01943	31.40%
Calcium,7440-70-2†	965499.5	1144	mg/L	5.7	45740	mg/kg	227.2	0.50%
Chromium,7440-47-3†	92542.3	0.4051	mg/L	0.00717	16.204	mg/kg	0.2868	1.77%
Cobalt,7440-48-4†	6701.9	0.0731	mg/L	0.00164	2.9221	mg/kg	0.06577	2.25%
Copper,7440-50-8†	701368.5	1.4862	mg/L	0.02247	59.448	mg/kg	0.8990	1.51%
Iron,7439-89-6†	122922.7	406.36	mg/L	1.849	16254	mg/kg	74.0	0.46%
Lead,7439-92-1†	22474.4	1.4007	mg/L	0.02944	56.027	mg/kg	1.1778	2.10%
Lithium,7439-93-2†	1385.2	0.0849	mg/L	0.00250	3.3963	mg/kg	0.10019	2.95%
Magnesium,7439-95-4†	5554.2	61.675	mg/L	0.9641	2467.0	mg/kg	38.56	1.56%
Manganese,7439-96-5†	5195555.3	4.6036	mg/L	0.07333	184.14	mg/kg	2.933	1.59%
Molybdenum,7439-98-7†	2872.7	0.0696	mg/L	0.00185	2.7848	mg/kg	0.07414	2.66%
Nickel,7440-02-0†	17979.1	0.2369	mg/L	0.00567	9.4771	mg/kg	0.22662	2.39%
Potassium,7440-09-7†	35931.2	17.174	mg/L	0.2866	686.97	mg/kg	11.463	1.67%
Selenium,7782-49-2†	-669.5	-0.0468	mg/L	0.01726	-1.8704	mg/kg	0.69024	36.90%
Silicon,7440-21-3†	1172.7	10.215	mg/L	0.1489	408.61	mg/kg	5.957	1.46%
Silver,7440-22-4†	-57817.9	-0.0751	mg/L	0.00193	-3.0057	mg/kg	0.07708	2.56%
Sodium,7440-23-5†	85356.0	18.312	mg/L	0.2607	732.50	mg/kg	10.428	1.42%
Strontium,7440-24-6†	740447.0	2.6345	mg/L	0.01380	105.38	mg/kg	0.552	0.52%
Thallium,7440-28-0†	-285.8	-0.0231	mg/L	0.00088	-0.9237	mg/kg	0.03535	3.83%
Tin,7440-31-5†	825.4	0.0770	mg/L	0.00254	3.0784	mg/kg	0.10151	3.30%
Titanium,7440-32-6†	960270.1	1.4450	mg/L	0.02409	57.801	mg/kg	0.9636	1.67%
Vanadium,7440-62-2†	55342.4	0.3120	mg/L	0.00506	12.478	mg/kg	0.2022	1.62%
Zinc,7440-66-6†	4257247.6	17.222	mg/L	0.2688	688.87	mg/kg	10.751	1.56%
Zirconium,7440-67-7†	65798.4	0.1240	mg/L	0.00196	4.9602	mg/kg	0.07843	1.58%

Sequence No.: 46
Sample ID: 20607202110
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 45
Date Collected: 7/25/2006 2:22:57 PM
Data Type: Reprocessed on 7/26/2006 8:04:08 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202110

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Ar 363.268 A	84902.4	86.281	%	0.1537				0.18%
Ar 420.067 R	799066.4	90.849	%	0.2112				0.23%
Scandium-IS	3850714.1	97.186	%	0.2992				0.31%
Yttrium,7440-65-5A	1974648.4	97.899	%	0.2899				0.30%
Yttrium,7440-65-5R	43210.3	95.513	%	0.5122				0.54%
Aluminum,7429-90-5†	8163.4	32.03	mg/L	0.257	1281	mg/kg	10.3	0.80%
Antimony,7440-36-0†	-139.3	-0.0559	mg/L	0.00786	-2.2361	mg/kg	0.31441	14.06%
Arsenic,7440-38-2†	17.1	0.0680	mg/L	0.00366	2.7189	mg/kg	0.14650	5.39%
Barium,7440-39-3†	1954290.0	7.1866	mg/L	0.01123	287.47	mg/kg	0.449	0.16%
Beryllium,7440-41-7†	9940.8	0.0022	mg/L	0.00002	0.0895	mg/kg	0.00075	0.84%
Boron,7440-42-8†	-7222.0	0.1315	mg/L	0.00112	5.2619	mg/kg	0.04484	0.85%
Cadmium,7440-43-9†	5700.1	0.0006	mg/L	0.00028	0.0223	mg/kg	0.01124	50.36%
Calcium,7440-70-2†	324273.7	384.1	mg/L	1.54	15360	mg/kg	61.6	0.40%
Chromium,7440-47-3†	111822.1	0.4994	mg/L	0.00068	19.975	mg/kg	0.0272	0.14%
Cobalt,7440-48-4†	3871.8	0.0409	mg/L	0.00053	1.6377	mg/kg	0.02125	1.30%
Copper,7440-50-8†	310986.4	0.6747	mg/L	0.00077	26.989	mg/kg	0.0308	0.11%
Iron,7439-89-6†	97628.6	322.74	mg/L	1.023	12910	mg/kg	40.9	0.32%
Lead,7439-92-1†	23732.4	1.4704	mg/L	0.02140	58.815	mg/kg	0.8560	1.46%
Lithium,7439-93-2†	282.6	0.0184	mg/L	0.00209	0.7352	mg/kg	0.08380	11.40%
Magnesium,7439-95-4†	2240.5	24.987	mg/L	0.1226	999.48	mg/kg	4.903	0.49%
Manganese,7439-96-5†	4049911.6	3.5869	mg/L	0.00277	143.47	mg/kg	0.111	0.08%
Molybdenum,7439-98-7†	2627.1	0.0651	mg/L	0.00103	2.6029	mg/kg	0.04115	1.58%
Nickel,7440-02-0†	12370.6	0.1628	mg/L	0.00249	6.5126	mg/kg	0.09964	1.53%
Potassium,7440-09-7†	13978.5	6.6570	mg/L	0.06144	266.28	mg/kg	2.457	0.92%
Selenium,7782-49-2†	-545.4	-0.0530	mg/L	0.01242	-2.1190	mg/kg	0.49690	23.45%
Silicon,7440-21-3†	1030.8	8.9206	mg/L	0.10055	356.82	mg/kg	4.022	1.13%
Silver,7440-22-4†	-45853.9	-0.0590	mg/L	0.00012	-2.3616	mg/kg	0.00481	0.20%
Sodium,7440-23-5†	23984.4	5.1591	mg/L	0.05777	206.36	mg/kg	2.311	1.12%
Strontium,7440-24-6†	172236.3	0.6101	mg/L	0.00260	24.404	mg/kg	0.1039	0.43%
Thallium,7440-28-0†	-189.9	-0.0159	mg/L	0.00463	-0.6373	mg/kg	0.18531	29.08%
Tin,7440-31-5†	79.4	0.0086	mg/L	0.00330	0.3422	mg/kg	0.13209	38.60%
Titanium,7440-32-6†	407573.4	0.6129	mg/L	0.00245	24.518	mg/kg	0.0980	0.40%
Vanadium,7440-62-2†	26035.0	0.1365	mg/L	0.00037	5.4618	mg/kg	0.01499	0.27%
Zinc,7440-66-6†	5387176.0	21.837	mg/L	0.0351	873.50	mg/kg	1.402	0.16%
Zirconium,7440-67-7†	27850.3	0.0510	mg/L	0.00030	2.0395	mg/kg	0.01182	0.58%

Sequence No.: 47
Sample ID: 20607202113
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 46
Date Collected: 7/25/2006 2:28:50 PM
Data Type: Reprocessed on 7/26/2006 8:04:10 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202113

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	83076.9	84.426	%	0.1442				0.17%
Ar 420.067 R	779366.7	88.609	%	0.1600				0.18%
Scandium-IS	3819268.1	96.392	%	1.2357				1.28%
Yttrium,7440-65-5A	1997564.9	99.035	%	1.1361				1.15%
Yttrium,7440-65-5R	43866.2	96.963	%	0.3582				0.37%
Aluminum,7429-90-5†	29736.0	116.7	mg/L	1.36	4666	mg/kg	54.5	1.17%
Antimony,7440-36-0†	-94.3	-0.0337	mg/L	0.01247	-1.3463	mg/kg	0.49878	37.05%
Arsenic,7440-38-2†	46.8	0.0626	mg/L	0.01098	2.5024	mg/kg	0.43926	17.55%
Barium,7440-39-3†	522501.6	1.9171	mg/L	0.01983	76.684	mg/kg	0.7932	1.03%
Beryllium,7440-41-7†	43872.5	0.0083	mg/L	0.00008	0.3326	mg/kg	0.00323	0.97%
Boron,7440-42-8†	1566.2	0.1486	mg/L	0.00104	5.9421	mg/kg	0.04146	0.70%
Cadmium,7440-43-9†	983.5	-0.0060	mg/L	0.00018	-0.2386	mg/kg	0.00728	3.05%
Calcium,7440-70-2†	485820.1	575.4	mg/L	5.11	23020	mg/kg	204.2	0.89%
Chromium,7440-47-3†	38198.3	0.1548	mg/L	0.00275	6.1922	mg/kg	0.11009	1.78%
Cobalt,7440-48-4†	7755.8	0.0930	mg/L	0.00216	3.7209	mg/kg	0.08641	2.32%
Copper,7440-50-8†	71484.0	0.1297	mg/L	0.00177	5.1888	mg/kg	0.07100	1.37%
Iron,7439-89-6†	57568.7	190.31	mg/L	1.432	7612.5	mg/kg	57.28	0.75%
Lead,7439-92-1†	2615.6	0.1737	mg/L	0.00098	6.9494	mg/kg	0.03940	0.57%
Lithium,7439-93-2†	3330.1	0.2007	mg/L	0.00250	8.0294	mg/kg	0.09996	1.24%
Magnesium,7439-95-4†	8827.3	97.675	mg/L	1.5546	3907.0	mg/kg	62.18	1.59%
Manganese,7439-96-5†	6781694.4	6.0082	mg/L	0.06245	240.33	mg/kg	2.498	1.04%
Molybdenum,7439-98-7†	293.6	0.0078	mg/L	0.00067	0.3104	mg/kg	0.02666	8.59%
Nickel,7440-02-0†	14829.0	0.1964	mg/L	0.00315	7.8562	mg/kg	0.12615	1.61%

Potassium,7440-09-7†	73287.8	35.425	mg/L	0.3924	1417.0	mg/kg	15.70	1.11%
Selenium,7782-49-2†	-322.4	-0.0310	mg/L	0.00845	-1.2393	mg/kg	0.33781	27.26%
Silicon,7440-21-3†	1338.6	11.120	mg/L	0.1412	444.82	mg/kg	5.649	1.27%
Silver,7440-22-4†	-26823.7	-0.0350	mg/L	0.00087	-1.4003	mg/kg	0.03497	2.50%
Sodium,7440-23-5†	285137.1	61.119	mg/L	0.6637	2444.8	mg/kg	26.55	1.09%
Strontium,7440-24-6†	334989.6	1.1907	mg/L	0.00857	47.628	mg/kg	0.3427	0.72%
Thallium,7440-28-0†	-132.1	-0.0016	mg/L	0.00272	-0.0659	mg/kg	0.10884	165.29%
Tin,7440-31-5†	-226.3	-0.0049	mg/L	0.00109	-0.1976	mg/kg	0.04371	22.12%
Titanium,7440-32-6†	212212.7	0.3190	mg/L	0.00393	12.761	mg/kg	0.1570	1.23%
Vanadium,7440-62-2†	41848.6	0.2457	mg/L	0.00322	9.8266	mg/kg	0.12889	1.31%
Zinc,7440-66-6†	577890.2	2.3088	mg/L	0.02323	92.350	mg/kg	0.9292	1.01%
Zirconium,7440-67-7†	40231.7	0.0748	mg/L	0.00085	2.9919	mg/kg	0.03390	1.13%

Sequence No.: 48 **Autosampler Location: 7**
Sample ID: 1800 **Date Collected: 7/25/2006 2:34:46 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:04:13 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	97604.4	99.190	%	0.4195				0.42%
Ar 420.067 R	830698.5	94.445	%	0.0949				0.10%
Scandium-IS	4115399.7	103.87	%	2.237				2.15%
Yttrium,7440-65-5A	2042872.0	101.28	%	1.997				1.97%
Yttrium,7440-65-5R	43900.8	97.039	%	0.8939				0.92%
Aluminum,7429-90-5†	1234.0	4.848	mg/L	0.0668	4.848	mg/L	0.0668	1.38%
QC value within limits for Aluminum,7429-90-5 Recovery = 96.97%								
Antimony,7440-36-0†	1649.6	0.5106	mg/L	0.01167	0.5106	mg/L	0.01167	2.28%
QC value within limits for Antimony,7440-36-0 Recovery = 102.11%								
Arsenic,7440-38-2†	1674.5	0.4497	mg/L	0.01220	0.4497	mg/L	0.01220	2.71%
QC value less than the lower limit for Arsenic,7440-38-2 Recovery = 89.94% QC passed psm 7-26-06								
Barium,7440-39-3†	132907.5	0.4889	mg/L	0.01465	0.4889	mg/L	0.01465	3.00%
QC value within limits for Barium,7440-39-3 Recovery = 97.77%								
Beryllium,7440-41-7†	2483426.2	0.4817	mg/L	0.00655	0.4817	mg/L	0.00655	1.36%
QC value within limits for Beryllium,7440-41-7 Recovery = 96.34%								
Boron,7440-42-8†	177393.9	2.4115	mg/L	0.06633	2.4115	mg/L	0.06633	2.75%
QC value within limits for Boron,7440-42-8 Recovery = 96.46%								
Cadmium,7440-43-9†	178200.8	0.4810	mg/L	0.01481	0.4810	mg/L	0.01481	3.08%
QC value within limits for Cadmium,7440-43-9 Recovery = 96.21%								
Calcium,7440-70-2†	4296.2	5.086	mg/L	0.0325	5.086	mg/L	0.0325	0.64%
QC value within limits for Calcium,7440-70-2 Recovery = 101.73%								
Chromium,7440-47-3†	106853.7	0.4810	mg/L	0.01428	0.4810	mg/L	0.01428	2.97%
QC value within limits for Chromium,7440-47-3 Recovery = 96.21%								
Cobalt,7440-48-4†	38034.0	0.4817	mg/L	0.01373	0.4817	mg/L	0.01373	2.85%
QC value within limits for Cobalt,7440-48-4 Recovery = 96.34%								
Copper,7440-50-8†	223869.8	0.4887	mg/L	0.01388	0.4887	mg/L	0.01388	2.84%
QC value within limits for Copper,7440-50-8 Recovery = 97.75%								
Iron,7439-89-6†	1550.7	5.1267	mg/L	0.07338	5.1267	mg/L	0.07338	1.43%
QC value within limits for Iron,7439-89-6 Recovery = 102.53%								
Lead,7439-92-1†	7746.9	0.4794	mg/L	0.01066	0.4794	mg/L	0.01066	2.22%
QC value within limits for Lead,7439-92-1 Recovery = 95.88%								
Lithium,7439-93-2†	8327.4	0.4986	mg/L	0.00391	0.4986	mg/L	0.00391	0.78%
QC value within limits for Lithium,7439-93-2 Recovery = 99.72%								
Magnesium,7439-95-4†	437.5	4.8391	mg/L	0.07209	4.8391	mg/L	0.07209	1.49%
QC value within limits for Magnesium,7439-95-4 Recovery = 96.78%								
Manganese,7439-96-5†	562899.0	0.4985	mg/L	0.01458	0.4985	mg/L	0.01458	2.93%
QC value within limits for Manganese,7439-96-5 Recovery = 99.69%								
Molybdenum,7439-98-7†	19998.9	0.4804	mg/L	0.01037	0.4804	mg/L	0.01037	2.16%
QC value within limits for Molybdenum,7439-98-7 Recovery = 96.08%								
Nickel,7440-02-0†	35985.3	0.4833	mg/L	0.01368	0.4833	mg/L	0.01368	2.83%
QC value within limits for Nickel,7440-02-0 Recovery = 96.66%								
Potassium,7440-09-7†	19868.1	9.6368	mg/L	0.15919	9.6368	mg/L	0.15919	1.65%
QC value within limits for Potassium,7440-09-7 Recovery = 96.37%								
Selenium,7782-49-2†	1042.9	0.4952	mg/L	0.00672	0.4952	mg/L	0.00672	1.36%
QC value within limits for Selenium,7782-49-2 Recovery = 99.03%								
Silicon,7440-21-3†	68.6	0.5605	mg/L	0.01631	0.5605	mg/L	0.01631	2.91%

QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 112.10%
Silver,7440-22-4† 175617.9 0.4883 mg/L 0.01345 0.4883 mg/L 0.01345 2.75%
QC value within limits for Silver,7440-22-4 Recovery = 97.66%
Sodium,7440-23-5† 88640.1 19.003 mg/L 0.2929 19.003 mg/L 0.2929 1.54%
QC value within limits for Sodium,7440-23-5 Recovery = 95.01%
Strontium,7440-24-6† 134581.9 0.4830 mg/L 0.00339 0.4830 mg/L 0.00339 0.70%
QC value within limits for Strontium,7440-24-6 Recovery = 96.61%
Thallium,7440-28-0† 3832.6 0.4942 mg/L 0.01136 0.4942 mg/L 0.01136 2.30%
QC value within limits for Thallium,7440-28-0 Recovery = 98.85%
Tin,7440-31-5† 6911.7 0.4777 mg/L 0.01128 0.4777 mg/L 0.01128 2.36%
QC value within limits for Tin,7440-31-5 Recovery = 95.54%
Titanium,7440-32-6† 322371.5 0.4854 mg/L 0.00693 0.4854 mg/L 0.00693 1.43%
QC value within limits for Titanium,7440-32-6 Recovery = 97.08%
Vanadium,7440-62-2† 77499.8 0.4755 mg/L 0.01399 0.4755 mg/L 0.01399 2.94%
QC value within limits for Vanadium,7440-62-2 Recovery = 95.10%
Zinc,7440-66-6† 124665.8 0.5013 mg/L 0.01594 0.5013 mg/L 0.01594 3.18%
QC value within limits for Zinc,7440-66-6 Recovery = 100.27%
Zirconium,7440-67-7† 273052.4 0.4850 mg/L 0.01372 0.4850 mg/L 0.01372 2.83%
QC value within limits for Zirconium,7440-67-7 Recovery = 96.99%
QC Failed. Continue with analysis.

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Sequence No.: 49 **Autosampler Location: 1**
Sample ID: 1900 **Date Collected: 7/25/2006 2:41:41 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:04:15 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98497.8	100.10	%	0.416				0.42%
Ar 420.067 R	829523.6	94.312	%	0.2687				0.28%
Scandium-IS	4093539.6	103.31	%	0.334				0.32%
Yttrium,7440-65-5A	2065671.1	102.41	%	0.346				0.34%
Yttrium,7440-65-5R	43503.5	96.161	%	1.7067				1.77%
Aluminum,7429-90-5†	1.6	0.006	mg/L	0.0256	0.006	mg/L	0.0256	405.97%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-7.0	-0.0022	mg/L	0.00713	-0.0022	mg/L	0.00713	330.11%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	1.1	0.0003	mg/L	0.00091	0.0003	mg/L	0.00091	317.25%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	30.8	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	26.29%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	154.1	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	6.57%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	2328.4	0.0316	mg/L	0.00177	0.0316	mg/L	0.00177	5.59%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	4.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	100.24%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	92.2	0.109	mg/L	0.0921	0.109	mg/L	0.0921	84.36%
QC value greater than the upper limit for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-7.4	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	163.62%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	14.5	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	75.99%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-28.1	-0.0001	mg/L	0.00029	-0.0001	mg/L	0.00029	433.18%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	11.8	0.0391	mg/L	0.03555	0.0391	mg/L	0.03555	90.87%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	-6.1	-0.0004	mg/L	0.00084	-0.0004	mg/L	0.00084	220.69%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	-10.5	-0.0006	mg/L	0.00193	-0.0006	mg/L	0.00193	308.21%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	3.4	0.0373	mg/L	0.05275	0.0373	mg/L	0.05275	141.28%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	284.4	0.0003	mg/L	0.00001	0.0003	mg/L	0.00001	5.07%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	53.8	0.0013	mg/L	0.00044	0.0013	mg/L	0.00044	33.98%

QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated
Nickel,7440-02-0† 65.5 0.0009 mg/L 0.00058 0.0009 mg/L 0.00058 65.78%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated
Potassium,7440-09-7† 97.6 0.0473 mg/L 0.01643 0.0473 mg/L 0.01643 34.72%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated
Selenium,7782-49-2† 1.7 0.0008 mg/L 0.00372 0.0008 mg/L 0.00372 457.16%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated
Silicon,7440-21-3† 10.3 0.0829 mg/L 0.01190 0.0829 mg/L 0.01190 14.36%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated
Silver,7440-22-4† 182.7 0.0005 mg/L 0.00025 0.0005 mg/L 0.00025 49.29%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated
Sodium,7440-23-5† -188.1 -0.0403 mg/L 0.00600 -0.0403 mg/L 0.00600 14.88%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated
Strontium,7440-24-6† 10.7 0.0000 mg/L 0.00015 0.0000 mg/L 0.00015 404.64%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated
Thallium,7440-28-0† 18.3 0.0023 mg/L 0.00124 0.0023 mg/L 0.00124 53.45%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated
Tin,7440-31-5† -28.9 -0.0020 mg/L 0.00076 -0.0020 mg/L 0.00076 38.04%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated
Titanium,7440-32-6† 176.1 0.0003 mg/L 0.00007 0.0003 mg/L 0.00007 25.91%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated
Vanadium,7440-62-2† -706.2 -0.0043 mg/L 0.00019 -0.0043 mg/L 0.00019 4.49%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated
Zinc,7440-66-6† 1147.2 0.0046 mg/L 0.00035 0.0046 mg/L 0.00035 7.54%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated
Zirconium,7440-67-7† 481.4 0.0009 mg/L 0.00020 0.0009 mg/L 0.00020 23.43%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated
QC Failed. Continue with analysis.

Sequence No.: 50 **Autosampler Location: 47**
Sample ID: 20607202114 **Date Collected: 7/25/2006 2:48:16 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:04:18 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g **Initial Sample Vol:**
Dilution: 1X **Sample Prep Vol: 50 mL**

Mean Data: 20607202114

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	83112.5	84.462	%	0.3720				0.44%
Ar 420.067 R	777486.4	88.395	%	0.5929				0.67%
Scandium-IS	3784411.7	95.513	%	0.1604				0.17%
Yttrium,7440-65-5A	2000683.2	99.190	%	0.1307				0.13%
Yttrium,7440-65-5R	44291.1	97.902	%	0.7241				0.74%
Aluminum,7429-90-5†	51202.6	200.9	mg/L	0.27	8035	mg/kg	10.7	0.13%
Antimony,7440-36-0†	-141.9	-0.0511	mg/L	0.00633	-2.0423	mg/kg	0.25340	12.41%
Arsenic,7440-38-2†	135.0	0.1158	mg/L	0.00347	4.6339	mg/kg	0.13892	3.00%
Barium,7440-39-3†	644476.4	2.3634	mg/L	0.00095	94.537	mg/kg	0.0378	0.04%
Beryllium,7440-41-7†	69357.1	0.0136	mg/L	0.00002	0.5450	mg/kg	0.00069	0.13%
Boron,7440-42-8†	8538.8	0.3123	mg/L	0.00320	12.492	mg/kg	0.1280	1.02%
Cadmium,7440-43-9†	2042.4	-0.0073	mg/L	0.00044	-0.2908	mg/kg	0.01762	6.06%
Calcium,7440-70-2†	472199.2	559.2	mg/L	1.87	22370	mg/kg	75.0	0.34%
Chromium,7440-47-3†	62855.2	0.2550	mg/L	0.00089	10.199	mg/kg	0.0354	0.35%
Cobalt,7440-48-4†	10105.8	0.1201	mg/L	0.00085	4.8027	mg/kg	0.03417	0.71%
Copper,7440-50-8†	108179.9	0.2174	mg/L	0.00053	8.6968	mg/kg	0.02115	0.24%
Iron,7439-89-6†	87602.2	289.59	mg/L	0.590	11584	mg/kg	23.6	0.20%
Lead,7439-92-1†	3744.2	0.2499	mg/L	0.00135	9.9951	mg/kg	0.05408	0.54%
Lithium,7439-93-2†	5767.0	0.3471	mg/L	0.00786	13.885	mg/kg	0.3143	2.26%
Magnesium,7439-95-4†	13493.0	149.30	mg/L	1.603	5972.1	mg/kg	64.11	1.07%
Manganese,7439-96-5†	5219086.6	4.6240	mg/L	0.00064	184.96	mg/kg	0.026	0.01%
Molybdenum,7439-98-7†	292.9	0.0088	mg/L	0.00062	0.3513	mg/kg	0.02499	7.11%
Nickel,7440-02-0†	21573.1	0.2860	mg/L	0.00136	11.441	mg/kg	0.0546	0.48%
Potassium,7440-09-7†	117132.8	56.682	mg/L	0.5424	2267.3	mg/kg	21.70	0.96%
Selenium,7782-49-2†	-508.0	-0.0568	mg/L	0.00585	-2.2700	mg/kg	0.23383	10.30%
Silicon,7440-21-3†	1395.7	11.759	mg/L	0.1319	470.37	mg/kg	5.275	1.12%
Silver,7440-22-4†	-42872.9	-0.0581	mg/L	0.00049	-2.3233	mg/kg	0.01977	0.85%
Sodium,7440-23-5†	392670.7	84.165	mg/L	0.8670	3366.6	mg/kg	34.68	1.03%
Strontium,7440-24-6†	319588.2	1.1356	mg/L	0.00099	45.424	mg/kg	0.0396	0.09%
Thallium,7440-28-0†	-179.8	-0.0116	mg/L	0.00139	-0.4653	mg/kg	0.05576	11.98%

Tin,7440-31-5†	-147.5	-0.0030	mg/L	0.00109	-0.1209	mg/kg	0.04358	36.04%
Titanium,7440-32-6†	276595.7	0.4158	mg/L	0.00091	16.632	mg/kg	0.0364	0.22%
Vanadium,7440-62-2†	64548.9	0.3789	mg/L	0.00054	15.156	mg/kg	0.0214	0.14%
Zinc,7440-66-6†	327818.8	1.2815	mg/L	0.00102	51.261	mg/kg	0.0408	0.08%
Zirconium,7440-67-7†	57786.5	0.1056	mg/L	0.00016	4.2259	mg/kg	0.00654	0.15%

Sequence No.: 51
Sample ID: 20607202115
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 48
Date Collected: 7/25/2006 2:54:11 PM
Data Type: Reprocessed on 7/26/2006 8:04:21 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202115

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	83123.4	84.473	%	0.3340				0.40%
Ar 420.067 R	776900.5	88.329	%	0.1451				0.16%
Scandium-IS	3777340.9	95.334	%	0.3431				0.36%
Yttrium,7440-65-5A	1989920.6	98.657	%	0.3181				0.32%
Yttrium,7440-65-5R	44164.8	97.623	%	0.5864				0.60%
Aluminum,7429-90-5†	40121.2	157.4	mg/L	0.92	6246	mg/kg	36.4	0.58%
Antimony,7440-36-0†	-122.7	-0.0439	mg/L	0.00824	-1.7425	mg/kg	0.32709	18.77%
Arsenic,7440-38-2†	200.2	0.1200	mg/L	0.00335	4.7628	mg/kg	0.13298	2.79%
Barium,7440-39-3†	811001.0	2.9775	mg/L	0.01121	118.15	mg/kg	0.445	0.38%
Beryllium,7440-41-7†	58990.2	0.0113	mg/L	0.00003	0.4489	mg/kg	0.00124	0.28%
Boron,7440-42-8†	1676.6	0.1910	mg/L	0.00266	7.5786	mg/kg	0.10539	1.39%
Cadmium,7440-43-9†	1530.0	-0.0071	mg/L	0.00009	-0.2834	mg/kg	0.00350	1.24%
Calcium,7440-70-2†	586728.1	694.9	mg/L	3.63	27580	mg/kg	144.1	0.52%
Chromium,7440-47-3†	50096.8	0.2028	mg/L	0.00187	8.0470	mg/kg	0.07440	0.92%
Cobalt,7440-48-4†	9139.7	0.1090	mg/L	0.00127	4.3262	mg/kg	0.05032	1.16%
Copper,7440-50-8†	108240.0	0.2060	mg/L	0.00044	8.1762	mg/kg	0.01763	0.22%
Iron,7439-89-6†	75740.8	250.38	mg/L	1.814	9935.9	mg/kg	71.97	0.72%
Lead,7439-92-1†	3525.6	0.2337	mg/L	0.00248	9.2755	mg/kg	0.09858	1.06%
Lithium,7439-93-2†	4586.6	0.2763	mg/L	0.00067	10.965	mg/kg	0.0265	0.24%
Magnesium,7439-95-4†	10901.1	120.63	mg/L	0.929	4787.0	mg/kg	36.86	0.77%
Manganese,7439-96-5†	7710398.8	6.8310	mg/L	0.02805	271.07	mg/kg	1.113	0.41%
Molybdenum,7439-98-7†	230.2	0.0066	mg/L	0.00032	0.2611	mg/kg	0.01260	4.83%
Nickel,7440-02-0†	18587.8	0.2461	mg/L	0.00225	9.7678	mg/kg	0.08934	0.91%
Potassium,7440-09-7†	92896.7	44.908	mg/L	0.2567	1782.1	mg/kg	10.19	0.57%
Selenium,7782-49-2†	-419.6	-0.0386	mg/L	0.01089	-1.5315	mg/kg	0.43231	28.23%
Silicon,7440-21-3†	1872.4	15.528	mg/L	0.1490	616.20	mg/kg	5.914	0.96%
Silver,7440-22-4†	-35840.3	-0.0474	mg/L	0.00025	-1.8812	mg/kg	0.01003	0.53%
Sodium,7440-23-5†	211786.6	45.392	mg/L	0.2187	1801.3	mg/kg	8.68	0.48%
Strontium,7440-24-6†	386528.0	1.3732	mg/L	0.00789	54.493	mg/kg	0.3133	0.57%
Thallium,7440-28-0†	-172.5	-0.0052	mg/L	0.00299	-0.2062	mg/kg	0.11878	57.60%
Tin,7440-31-5†	-268.2	-0.0064	mg/L	0.00176	-0.2528	mg/kg	0.06990	27.64%
Titanium,7440-32-6†	227798.3	0.3423	mg/L	0.00130	13.585	mg/kg	0.0515	0.38%
Vanadium,7440-62-2†	52838.2	0.3093	mg/L	0.00125	12.275	mg/kg	0.0496	0.40%
Zinc,7440-66-6†	576232.5	2.2919	mg/L	0.00799	90.949	mg/kg	0.3171	0.35%
Zirconium,7440-67-7†	47593.8	0.0885	mg/L	0.00071	3.5138	mg/kg	0.02802	0.80%

Sequence No.: 52
Sample ID: 20607202116
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 49
Date Collected: 7/25/2006 3:00:06 PM
Data Type: Reprocessed on 7/26/2006 8:04:23 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202116

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	84161.5	85.528	%	0.6504				0.76%
Ar 420.067 R	782053.5	88.915	%	0.1063				0.12%
Scandium-IS	3859628.9	97.411	%	0.4975				0.51%
Yttrium,7440-65-5A	2012830.3	99.792	%	0.4922				0.49%
Yttrium,7440-65-5R	44873.1	99.188	%	3.5728				3.60%

Aluminum,7429-90-5†	26480.3	103.9	mg/L	4.00	4123	mg/kg	158.5	3.85%
Antimony,7440-36-0†	-177.0	-0.0660	mg/L	0.00221	-2.6175	mg/kg	0.08778	3.35%
Arsenic,7440-38-2†	70.3	0.0936	mg/L	0.01360	3.7128	mg/kg	0.53956	14.53%
Barium,7440-39-3†	2579083.9	9.4867	mg/L	0.02570	376.46	mg/kg	1.020	0.27%
Beryllium,7440-41-7†	36984.4	0.0074	mg/L	0.00004	0.2937	mg/kg	0.00173	0.59%
Boron,7440-42-8†	-2769.1	0.1945	mg/L	0.01283	7.7177	mg/kg	0.50918	6.60%
Cadmium,7440-43-9†	4073.4	-0.0040	mg/L	0.00059	-0.1606	mg/kg	0.02333	14.53%
Calcium,7440-70-2†	378109.1	447.8	mg/L	21.56	17770	mg/kg	855.5	4.81%
Chromium,7440-47-3†	66987.0	0.2870	mg/L	0.00133	11.391	mg/kg	0.0528	0.46%
Cobalt,7440-48-4†	7630.8	0.0886	mg/L	0.00094	3.5140	mg/kg	0.03715	1.06%
Copper,7440-50-8†	181397.0	0.3870	mg/L	0.00306	15.357	mg/kg	0.1215	0.79%
Iron,7439-89-6†	100284.9	331.52	mg/L	15.678	13156	mg/kg	622.1	4.73%
Lead,7439-92-1†	9346.1	0.5863	mg/L	0.00207	23.264	mg/kg	0.0820	0.35%
Lithium,7439-93-2†	2883.1	0.1744	mg/L	0.00926	6.9201	mg/kg	0.36752	5.31%
Magnesium,7439-95-4†	7288.3	80.769	mg/L	2.9596	3205.1	mg/kg	117.44	3.66%
Manganese,7439-96-5†	5977284.1	5.2946	mg/L	0.01806	210.10	mg/kg	0.717	0.34%
Molybdenum,7439-98-7†	2315.7	0.0578	mg/L	0.00112	2.2951	mg/kg	0.04456	1.94%
Nickel,7440-02-0†	19337.2	0.2559	mg/L	0.00088	10.156	mg/kg	0.0350	0.34%
Potassium,7440-09-7†	60856.1	29.388	mg/L	0.2712	1166.2	mg/kg	10.76	0.92%
Selenium,7782-49-2†	-569.2	-0.0606	mg/L	0.01527	-2.4037	mg/kg	0.60584	25.21%
Silicon,7440-21-3†	1227.4	10.505	mg/L	0.4448	416.87	mg/kg	17.649	4.23%
Silver,7440-22-4†	-50411.3	-0.0700	mg/L	0.00406	-2.7793	mg/kg	0.16122	5.80%
Sodium,7440-23-5†	88771.5	19.036	mg/L	0.2237	755.38	mg/kg	8.876	1.18%
Strontium,7440-24-6†	276607.4	0.9835	mg/L	0.04636	39.027	mg/kg	1.8396	4.71%
Thallium,7440-28-0†	-238.8	-0.0185	mg/L	0.00306	-0.7359	mg/kg	0.12127	16.48%
Tin,7440-31-5†	-87.2	-0.0017	mg/L	0.00204	-0.0666	mg/kg	0.08111	121.81%
Titanium,7440-32-6†	235765.1	0.3542	mg/L	0.00438	14.055	mg/kg	0.1740	1.24%
Vanadium,7440-62-2†	47431.9	0.2687	mg/L	0.00330	10.664	mg/kg	0.1308	1.23%
Zinc,7440-66-6†	1310816.7	5.2740	mg/L	0.02012	209.29	mg/kg	0.798	0.38%
Zirconium,7440-67-7†	39579.0	0.0722	mg/L	0.00011	2.8643	mg/kg	0.00421	0.15%

Sequence No.: 53
Sample ID: 20607202117
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 50
Date Collected: 7/25/2006 3:06:02 PM
Data Type: Reprocessed on 7/26/2006 8:04:26 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202117

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	79449.7	80.740	%	0.2826				0.35%
Ar 420.067 R	746686.5	84.894	%	0.1369				0.16%
Scandium-IS	3735969.4	94.290	%	0.3724				0.39%
Yttrium,7440-65-5A	1994795.6	98.898	%	0.4357				0.44%
Yttrium,7440-65-5R	42785.4	94.574	%	0.5791				0.61%
Aluminum,7429-90-5†	49148.6	192.8	mg/L	0.93	7713	mg/kg	37.1	0.48%
Antimony,7440-36-0†	-146.7	-0.0519	mg/L	0.00181	-2.0752	mg/kg	0.07224	3.48%
Arsenic,7440-38-2†	208.6	0.1348	mg/L	0.01132	5.3930	mg/kg	0.45264	8.39%
Barium,7440-39-3†	379865.7	1.3879	mg/L	0.00254	55.515	mg/kg	0.1015	0.18%
Beryllium,7440-41-7†	72594.1	0.0140	mg/L	0.00002	0.5589	mg/kg	0.00094	0.17%
Boron,7440-42-8†	449.2	0.2034	mg/L	0.00264	8.1379	mg/kg	0.10579	1.30%
Cadmium,7440-43-9†	2211.7	-0.0074	mg/L	0.00024	-0.2945	mg/kg	0.00966	3.28%
Calcium,7440-70-2†	830068.5	983.1	mg/L	4.66	39320	mg/kg	186.3	0.47%
Chromium,7440-47-3†	55592.4	0.2225	mg/L	0.00320	8.8998	mg/kg	0.12797	1.44%
Cobalt,7440-48-4†	10902.3	0.1301	mg/L	0.00164	5.2034	mg/kg	0.06565	1.26%
Copper,7440-50-8†	115363.4	0.2064	mg/L	0.00061	8.2573	mg/kg	0.02444	0.30%
Iron,7439-89-6†	89609.1	296.23	mg/L	2.133	11849	mg/kg	85.3	0.72%
Lead,7439-92-1†	4826.6	0.3192	mg/L	0.00721	12.766	mg/kg	0.2885	2.26%
Lithium,7439-93-2†	6096.4	0.3670	mg/L	0.00511	14.682	mg/kg	0.2044	1.39%
Magnesium,7439-95-4†	14215.5	157.29	mg/L	1.360	6291.7	mg/kg	54.40	0.86%
Manganese,7439-96-5†	8607493.7	7.6265	mg/L	0.01197	305.06	mg/kg	0.479	0.16%
Molybdenum,7439-98-7†	315.6	0.0083	mg/L	0.00043	0.3327	mg/kg	0.01739	5.23%
Nickel,7440-02-0†	22593.5	0.2993	mg/L	0.00506	11.974	mg/kg	0.2024	1.69%
Potassium,7440-09-7†	101427.4	48.989	mg/L	0.4338	1959.6	mg/kg	17.35	0.89%
Selenium,7782-49-2†	-493.5	-0.0409	mg/L	0.00466	-1.6357	mg/kg	0.18635	11.39%
Silicon,7440-21-3†	1672.7	13.999	mg/L	0.1516	559.98	mg/kg	6.065	1.08%
Silver,7440-22-4†	-42989.0	-0.0578	mg/L	0.00055	-2.3115	mg/kg	0.02206	0.95%
Sodium,7440-23-5†	194653.0	41.715	mg/L	0.3731	1668.6	mg/kg	14.93	0.89%

Strontium,7440-24-6†	588801.2	2.0935 mg/L	0.00850	83.741 mg/kg	0.3402	0.41%
Thallium,7440-28-0†	-220.5	-0.0098 mg/L	0.00290	-0.3940 mg/kg	0.11614	29.48%
Tin,7440-31-5†	-231.9	0.0024 mg/L	0.00314	0.0973 mg/kg	0.12572	129.26%
Titanium,7440-32-6†	267504.7	0.4020 mg/L	0.00175	16.081 mg/kg	0.0702	0.44%
Vanadium,7440-62-2†	67911.0	0.3996 mg/L	0.00148	15.986 mg/kg	0.0594	0.37%
Zinc,7440-66-6†	290083.1	1.1175 mg/L	0.00085	44.702 mg/kg	0.0339	0.08%
Zirconium,7440-67-7†	96980.1	0.1784 mg/L	0.00072	7.1347 mg/kg	0.02893	0.41%

Sequence No.: 54
Sample ID: 20607202118
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 51
Date Collected: 7/25/2006 3:11:52 PM
Data Type: Reprocessed on 7/26/2006 8:04:28 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202118

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	84381.8	85.752	%	0.3112				0.36%
Ar 420.067 R	761498.1	86.578	%	0.1347				0.16%
Scandium-IS	3808635.5	96.124	%	0.5278				0.55%
Yttrium,7440-65-5A	2020511.3	100.17	%	0.583				0.58%
Yttrium,7440-65-5R	43910.3	97.060	%	0.9794				1.01%
Aluminum,7429-90-5†	52584.0	206.3	mg/L	0.39	8186	mg/kg	15.6	0.19%
Antimony,7440-36-0†	-153.3	-0.0546	mg/L	0.01188	-2.1663	mg/kg	0.47135	21.76%
Arsenic,7440-38-2†	177.8	0.1275	mg/L	0.00408	5.0582	mg/kg	0.16180	3.20%
Barium,7440-39-3†	716649.2	2.6295	mg/L	0.00374	104.35	mg/kg	0.148	0.14%
Beryllium,7440-41-7†	81126.8	0.0154	mg/L	0.00002	0.6104	mg/kg	0.00090	0.15%
Boron,7440-42-8†	3090.5	0.2331	mg/L	0.00122	9.2506	mg/kg	0.04821	0.52%
Cadmium,7440-43-9†	591.5	-0.0110	mg/L	0.00016	-0.4363	mg/kg	0.00633	1.45%
Calcium,7440-70-2†	328703.8	389.3	mg/L	0.53	15450	mg/kg	21.1	0.14%
Chromium,7440-47-3†	60229.5	0.2409	mg/L	0.00121	9.5612	mg/kg	0.04785	0.50%
Cobalt,7440-48-4†	13619.4	0.1648	mg/L	0.00102	6.5402	mg/kg	0.04060	0.62%
Copper,7440-50-8†	113808.2	0.2369	mg/L	0.00083	9.4005	mg/kg	0.03275	0.35%
Iron,7439-89-6†	85381.8	282.25	mg/L	1.309	11201	mg/kg	51.9	0.46%
Lead,7439-92-1†	3480.3	0.2321	mg/L	0.00227	9.2087	mg/kg	0.09009	0.98%
Lithium,7439-93-2†	6308.9	0.3798	mg/L	0.00251	15.072	mg/kg	0.0995	0.66%
Magnesium,7439-95-4†	13874.2	153.50	mg/L	1.864	6091.2	mg/kg	73.96	1.21%
Manganese,7439-96-5†	11085302.5	9.8195	mg/L	0.07195	389.66	mg/kg	2.855	0.73%
Molybdenum,7439-98-7†	133.5	0.0058	mg/L	0.00071	0.2316	mg/kg	0.02833	12.24%
Nickel,7440-02-0†	25104.6	0.3329	mg/L	0.00071	13.210	mg/kg	0.0281	0.21%
Potassium,7440-09-7†	125039.9	60.537	mg/L	0.9307	2402.3	mg/kg	36.93	1.54%
Selenium,7782-49-2†	-470.1	-0.0524	mg/L	0.01132	-2.0803	mg/kg	0.44906	21.59%
Silicon,7440-21-3†	2174.1	18.010	mg/L	0.2516	714.69	mg/kg	9.982	1.40%
Silver,7440-22-4†	-41983.2	-0.0577	mg/L	0.00045	-2.2901	mg/kg	0.01779	0.78%
Sodium,7440-23-5†	197591.7	42.343	mg/L	0.5980	1680.3	mg/kg	23.73	1.41%
Strontium,7440-24-6†	282436.4	1.0056	mg/L	0.00091	39.907	mg/kg	0.0360	0.09%
Thallium,7440-28-0†	-194.6	0.0010	mg/L	0.00240	0.0414	mg/kg	0.09540	230.54%
Tin,7440-31-5†	-191.5	-0.0093	mg/L	0.00200	-0.3701	mg/kg	0.07930	21.43%
Titanium,7440-32-6†	243534.1	0.3659	mg/L	0.00346	14.521	mg/kg	0.1375	0.95%
Vanadium,7440-62-2†	64037.9	0.3762	mg/L	0.00079	14.930	mg/kg	0.0314	0.21%
Zinc,7440-66-6†	192760.3	0.7330	mg/L	0.00241	29.086	mg/kg	0.0957	0.33%
Zirconium,7440-67-7†	65985.3	0.1183	mg/L	0.00052	4.6952	mg/kg	0.02075	0.44%

Sequence No.: 55
Sample ID: 20607202119
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 52
Date Collected: 7/25/2006 3:17:55 PM
Data Type: Reprocessed on 7/26/2006 8:04:30 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202119

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	89743.2	91.201	%	0.2874				0.32%
Ar 420.067 R	792506.0	90.103	%	0.4202				0.47%
Scandium-IS	3923154.0	99.014	%	1.0071				1.02%

Yttrium,7440-65-5A	2007224.8	99.514	%	0.9506			0.96%
Yttrium,7440-65-5R	41739.1	92.261	%	1.6153			1.75%
Aluminum,7429-90-5†	12258.6	48.09	mg/L	0.916	1924 mg/kg	36.6	1.91%
Antimony,7440-36-0†	-33.4	-0.0121	mg/L	0.00292	-0.4846 mg/kg	0.11691	24.12%
Arsenic,7440-38-2†	18.8	0.0259	mg/L	0.00164	1.0349 mg/kg	0.06551	6.33%
Barium,7440-39-3†	116773.6	0.4270	mg/L	0.00143	17.081 mg/kg	0.0570	0.33%
Beryllium,7440-41-7†	22308.1	0.0043	mg/L	0.00002	0.1728 mg/kg	0.00084	0.49%
Boron,7440-42-8†	72.8	0.0540	mg/L	0.00106	2.1604 mg/kg	0.04230	1.96%
Cadmium,7440-43-9†	-133.8	-0.0039	mg/L	0.00008	-0.1571 mg/kg	0.00311	1.98%
Calcium,7440-70-2†	246796.0	292.3	mg/L	2.03	11690 mg/kg	81.0	0.69%
Chromium,7440-47-3†	18657.9	0.0774	mg/L	0.00108	3.0953 mg/kg	0.04336	1.40%
Cobalt,7440-48-4†	4103.9	0.0495	mg/L	0.00042	1.9812 mg/kg	0.01674	0.84%
Copper,7440-50-8†	28186.4	0.0480	mg/L	0.00025	1.9184 mg/kg	0.01008	0.53%
Iron,7439-89-6†	23987.7	79.299	mg/L	0.6098	3172.0 mg/kg	24.39	0.77%
Lead,7439-92-1†	960.4	0.0649	mg/L	0.00118	2.5963 mg/kg	0.04715	1.82%
Lithium,7439-93-2†	1194.1	0.0720	mg/L	0.00105	2.8790 mg/kg	0.04214	1.46%
Magnesium,7439-95-4†	2825.5	31.280	mg/L	0.5411	1251.2 mg/kg	21.64	1.73%
Manganese,7439-96-5†	1539349.7	1.3641	mg/L	0.00470	54.563 mg/kg	0.1879	0.34%
Molybdenum,7439-98-7†	128.2	0.0031	mg/L	0.00017	0.1246 mg/kg	0.00677	5.44%
Nickel,7440-02-0†	9951.9	0.1326	mg/L	0.00164	5.3056 mg/kg	0.06561	1.24%
Potassium,7440-09-7†	21783.6	10.507	mg/L	0.2686	420.29 mg/kg	10.746	2.56%
Selenium,7782-49-2†	-177.7	-0.0309	mg/L	0.00684	-1.2372 mg/kg	0.27377	22.13%
Silicon,7440-21-3†	975.8	8.0017	mg/L	0.14022	320.07 mg/kg	5.609	1.75%
Silver,7440-22-4†	-11292.4	-0.0147	mg/L	0.00040	-0.5895 mg/kg	0.01585	2.69%
Sodium,7440-23-5†	27868.1	5.9716	mg/L	0.15828	238.86 mg/kg	6.331	2.65%
Strontium,7440-24-6†	118420.7	0.4191	mg/L	0.00353	16.765 mg/kg	0.1412	0.84%
Thallium,7440-28-0†	-61.0	-0.0036	mg/L	0.00030	-0.1440 mg/kg	0.01203	8.35%
Tin,7440-31-5†	-284.0	-0.0142	mg/L	0.00077	-0.5683 mg/kg	0.03094	5.44%
Titanium,7440-32-6†	190200.7	0.2862	mg/L	0.00368	11.449 mg/kg	0.1472	1.29%
Vanadium,7440-62-2†	26250.4	0.1563	mg/L	0.00074	6.2519 mg/kg	0.02967	0.47%
Zinc,7440-66-6†	96969.1	0.3775	mg/L	0.00139	15.100 mg/kg	0.0557	0.37%
Zirconium,7440-67-7†	28004.0	0.0517	mg/L	0.00084	2.0661 mg/kg	0.03354	1.62%

Sequence No.: 56
Sample ID: 20607202120
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 53
Date Collected: 7/25/2006 3:24:21 PM
Data Type: Reprocessed on 7/26/2006 8:04:33 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202120

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	83313.5	84.667	%	0.4339				0.51%
Ar 420.067 R	761644.7	86.594	%	0.1398				0.16%
Scandium-IS	3838460.2	96.877	%	0.5101				0.53%
Yttrium,7440-65-5A	2022084.7	100.25	%	0.505				0.50%
Yttrium,7440-65-5R	43139.4	95.356	%	0.9568				1.00%
Aluminum,7429-90-5†	38158.3	149.7	mg/L	1.75	5941	mg/kg	69.4	1.17%
Antimony,7440-36-0†	-126.9	-0.0447	mg/L	0.01294	-1.7752	mg/kg	0.51331	28.92%
Arsenic,7440-38-2†	53.0	0.0756	mg/L	0.00726	2.9990	mg/kg	0.28819	9.61%
Barium,7440-39-3†	545500.7	2.0006	mg/L	0.01256	79.390	mg/kg	0.4985	0.63%
Beryllium,7440-41-7†	53825.0	0.0105	mg/L	0.00007	0.4157	mg/kg	0.00280	0.67%
Boron,7440-42-8†	2790.7	0.1922	mg/L	0.00277	7.6288	mg/kg	0.10982	1.44%
Cadmium,7440-43-9†	1180.9	-0.0071	mg/L	0.00015	-0.2801	mg/kg	0.00576	2.06%
Calcium,7440-70-2†	502657.9	595.3	mg/L	4.54	23620	mg/kg	180.2	0.76%
Chromium,7440-47-3†	45207.2	0.1822	mg/L	0.00407	7.2302	mg/kg	0.16162	2.24%
Cobalt,7440-48-4†	7580.8	0.0897	mg/L	0.00190	3.5583	mg/kg	0.07538	2.12%
Copper,7440-50-8†	82257.6	0.1550	mg/L	0.00134	6.1494	mg/kg	0.05324	0.87%
Iron,7439-89-6†	69480.4	229.69	mg/L	1.571	9114.7	mg/kg	62.33	0.68%
Lead,7439-92-1†	2324.6	0.1585	mg/L	0.00419	6.2879	mg/kg	0.16610	2.64%
Lithium,7439-93-2†	4715.4	0.2839	mg/L	0.00536	11.265	mg/kg	0.2129	1.89%
Magnesium,7439-95-4†	12094.3	133.81	mg/L	1.585	5309.8	mg/kg	62.88	1.18%
Manganese,7439-96-5†	5164451.6	4.5759	mg/L	0.02934	181.58	mg/kg	1.164	0.64%
Molybdenum,7439-98-7†	178.1	0.0052	mg/L	0.00026	0.2082	mg/kg	0.01039	4.99%
Nickel,7440-02-0†	17491.5	0.2319	mg/L	0.00429	9.2026	mg/kg	0.17029	1.85%
Potassium,7440-09-7†	88791.2	42.934	mg/L	0.6646	1703.7	mg/kg	26.37	1.55%
Selenium,7782-49-2†	-403.1	-0.0432	mg/L	0.00963	-1.7152	mg/kg	0.38223	22.28%
Silicon,7440-21-3†	1387.9	11.584	mg/L	0.1582	459.68	mg/kg	6.276	1.37%

Silver,7440-22-4†	-33592.2	-0.0452	mg/L	0.00112	-1.7926	mg/kg	0.04443	2.48%
Sodium,7440-23-5†	312419.6	66.965	mg/L	1.1249	2657.4	mg/kg	44.64	1.68%
Strontium,7440-24-6†	322189.2	1.1443	mg/L	0.00763	45.409	mg/kg	0.3026	0.67%
Thallium,7440-28-0†	-182.2	-0.0120	mg/L	0.00204	-0.4779	mg/kg	0.08084	16.92%
Tin,7440-31-5†	-259.1	-0.0078	mg/L	0.00035	-0.3113	mg/kg	0.01383	4.44%
Titanium,7440-32-6†	249782.3	0.3756	mg/L	0.00135	14.903	mg/kg	0.0535	0.36%
Vanadium,7440-62-2†	52558.5	0.3094	mg/L	0.00320	12.278	mg/kg	0.1270	1.03%
Zinc,7440-66-6†	158191.7	0.5990	mg/L	0.00422	23.772	mg/kg	0.1674	0.70%
Zirconium,7440-67-7†	44996.9	0.0834	mg/L	0.00074	3.3110	mg/kg	0.02940	0.89%

Sequence No.: 57
Sample ID: 20607202121
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 54
Date Collected: 7/25/2006 3:30:12 PM
Data Type: Reprocessed on 7/26/2006 8:04:36 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202121

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	77414.7	78.672	%	0.4072				0.52%
Ar 420.067 R	732977.5	83.335	%	0.4594				0.55%
Scandium-IS	3762510.8	94.960	%	1.3700				1.44%
Yttrium,7440-65-5A	2002486.1	99.279	%	1.2699				1.28%
Yttrium,7440-65-5R	42649.8	94.274	%	0.3799				0.40%
Aluminum,7429-90-5†	56243.3	220.7	mg/L	0.09	8756	mg/kg	3.5	0.04%
Antimony,7440-36-0†	-211.3	-0.0764	mg/L	0.00592	-3.0334	mg/kg	0.23474	7.74%
Arsenic,7440-38-2†	143.8	0.1446	mg/L	0.01652	5.7372	mg/kg	0.65547	11.42%
Barium,7440-39-3†	770337.2	2.8219	mg/L	0.02896	111.98	mg/kg	1.149	1.03%
Beryllium,7440-41-7†	69316.8	0.0136	mg/L	0.00014	0.5408	mg/kg	0.00571	1.06%
Boron,7440-42-8†	-3491.4	0.2400	mg/L	0.00367	9.5234	mg/kg	0.14569	1.53%
Cadmium,7440-43-9†	5426.3	-0.0044	mg/L	0.00040	-0.1748	mg/kg	0.01569	8.98%
Calcium,7440-70-2†	958434.6	1135	mg/L	2.7	45050	mg/kg	108.8	0.24%
Chromium,7440-47-3†	84157.0	0.3478	mg/L	0.00384	13.801	mg/kg	0.1525	1.10%
Cobalt,7440-48-4†	11621.8	0.1364	mg/L	0.00436	5.4121	mg/kg	0.17303	3.20%
Copper,7440-50-8†	252606.4	0.5050	mg/L	0.00746	20.040	mg/kg	0.2961	1.48%
Iron,7439-89-6†	127927.1	422.90	mg/L	0.428	16782	mg/kg	17.0	0.10%
Lead,7439-92-1†	7899.9	0.5111	mg/L	0.01096	20.280	mg/kg	0.4349	2.14%
Lithium,7439-93-2†	6083.0	0.3667	mg/L	0.00283	14.553	mg/kg	0.1124	0.77%
Magnesium,7439-95-4†	14541.3	160.98	mg/L	1.070	6388.3	mg/kg	42.47	0.66%
Manganese,7439-96-5†	8904949.8	7.8898	mg/L	0.08391	313.09	mg/kg	3.330	1.06%
Molybdenum,7439-98-7†	883.2	0.0227	mg/L	0.00057	0.9003	mg/kg	0.02246	2.49%
Nickel,7440-02-0†	28925.3	0.3832	mg/L	0.01109	15.208	mg/kg	0.4402	2.89%
Potassium,7440-09-7†	124495.4	60.142	mg/L	0.9778	2386.6	mg/kg	38.80	1.63%
Selenium,7782-49-2†	-731.2	-0.0718	mg/L	0.02576	-2.8480	mg/kg	1.02204	35.89%
Silicon,7440-21-3†	1592.7	13.601	mg/L	0.0921	539.72	mg/kg	3.653	0.68%
Silver,7440-22-4†	-63091.1	-0.0867	mg/L	0.00204	-3.4409	mg/kg	0.08091	2.35%
Sodium,7440-23-5†	214105.5	45.889	mg/L	0.7709	1821.0	mg/kg	30.59	1.68%
Strontium,7440-24-6†	854866.2	3.0454	mg/L	0.00286	120.85	mg/kg	0.114	0.09%
Thallium,7440-28-0†	-286.9	-0.0194	mg/L	0.00334	-0.7703	mg/kg	0.13250	17.20%
Tin,7440-31-5†	278.3	0.0384	mg/L	0.00431	1.5242	mg/kg	0.17109	11.23%
Titanium,7440-32-6†	276244.8	0.4149	mg/L	0.00606	16.464	mg/kg	0.2404	1.46%
Vanadium,7440-62-2†	74023.2	0.4279	mg/L	0.00676	16.980	mg/kg	0.2682	1.58%
Zinc,7440-66-6†	1328437.9	5.3183	mg/L	0.05476	211.04	mg/kg	2.173	1.03%
Zirconium,7440-67-7†	73205.5	0.1369	mg/L	0.00184	5.4324	mg/kg	0.07291	1.34%

Sequence No.: 58
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 55
Date Collected: 7/25/2006 3:36:10 PM
Data Type: Reprocessed on 7/26/2006 8:04:37 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	101017.6	102.66	%	0.301				0.29%

Ar 420.067 R	820562.6	93.293 %	0.3104			0.33%
Scandium-IS	4175327.0	105.38 %	0.709			0.67%
Yttrium,7440-65-5A	2091891.4	103.71 %	0.636			0.61%
Yttrium,7440-65-5R	43243.5	95.586 %	0.6529			0.68%
Aluminum,7429-90-5†	-0.9	-0.004 mg/L	0.0172	-0.004 mg/L	0.0172	491.64%
Antimony,7440-36-0†	-7.9	-0.0024 mg/L	0.00275	-0.0024 mg/L	0.00275	112.25%
Arsenic,7440-38-2†	4.2	0.0011 mg/L	0.00141	0.0011 mg/L	0.00141	127.74%
Barium,7440-39-3†	5.9	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	308.00%
Beryllium,7440-41-7†	-22.0	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	413.93%
Boron,7440-42-8†	216.2	0.0029 mg/L	0.00036	0.0029 mg/L	0.00036	12.32%
Cadmium,7440-43-9†	-35.4	-0.0001 mg/L	0.00004	-0.0001 mg/L	0.00004	38.47%
Calcium,7440-70-2†	40.9	0.048 mg/L	0.0118	0.048 mg/L	0.0118	24.34%
Chromium,7440-47-3†	-42.1	-0.0002 mg/L	0.00007	-0.0002 mg/L	0.00007	36.05%
Cobalt,7440-48-4†	26.3	0.0003 mg/L	0.00013	0.0003 mg/L	0.00013	39.05%
Copper,7440-50-8†	-1033.0	-0.0023 mg/L	0.00006	-0.0023 mg/L	0.00006	2.79%
Iron,7439-89-6†	6.4	0.0212 mg/L	0.00990	0.0212 mg/L	0.00990	46.67%
Lead,7439-92-1†	11.2	0.0007 mg/L	0.00089	0.0007 mg/L	0.00089	127.72%
Lithium,7439-93-2†	-92.0	-0.0055 mg/L	0.00300	-0.0055 mg/L	0.00300	54.52%
Magnesium,7439-95-4†	5.6	0.0624 mg/L	0.02204	0.0624 mg/L	0.02204	35.32%
Manganese,7439-96-5†	-32.1	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	83.18%
Molybdenum,7439-98-7†	13.8	0.0003 mg/L	0.00029	0.0003 mg/L	0.00029	87.42%
Nickel,7440-02-0†	21.0	0.0003 mg/L	0.00011	0.0003 mg/L	0.00011	38.22%
Potassium,7440-09-7†	490.6	0.2381 mg/L	0.01729	0.2381 mg/L	0.01729	7.26%
Selenium,7782-49-2†	-11.3	-0.0053 mg/L	0.00243	-0.0053 mg/L	0.00243	45.69%
Silicon,7440-21-3†	12.1	0.0973 mg/L	0.00401	0.0973 mg/L	0.00401	4.12%
Silver,7440-22-4†	36.2	0.0001 mg/L	0.00037	0.0001 mg/L	0.00037	373.51%
Sodium,7440-23-5†	-117.9	-0.0253 mg/L	0.00415	-0.0253 mg/L	0.00415	16.41%
Strontium,7440-24-6†	-64.1	-0.0002 mg/L	0.00022	-0.0002 mg/L	0.00022	94.63%
Thallium,7440-28-0†	5.4	0.0007 mg/L	0.00096	0.0007 mg/L	0.00096	143.66%
Tin,7440-31-5†	-71.0	-0.0049 mg/L	0.00029	-0.0049 mg/L	0.00029	5.92%
Titanium,7440-32-6†	113.1	0.0002 mg/L	0.00012	0.0002 mg/L	0.00012	69.84%
Vanadium,7440-62-2†	-880.9	-0.0054 mg/L	0.00012	-0.0054 mg/L	0.00012	2.19%
Zinc,7440-66-6†	-645.7	-0.0026 mg/L	0.00006	-0.0026 mg/L	0.00006	2.37%
Zirconium,7440-67-7†	-165.7	-0.0003 mg/L	0.00020	-0.0003 mg/L	0.00020	69.33%

Sequence No.: 59
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 56
Date Collected: 7/25/2006 3:42:45 PM
Data Type: Reprocessed on 7/26/2006 8:04:40 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	101130.4	102.77	%	0.180				0.18%
Ar 420.067 R	823599.1	93.638	%	0.3035				0.32%
Scandium-IS	4235768.6	106.90	%	0.371				0.35%
Yttrium,7440-65-5A	2144085.7	106.30	%	0.309				0.29%
Yttrium,7440-65-5R	43679.6	96.550	%	1.0022				1.04%
Aluminum,7429-90-5†	2.2	0.009	mg/L	0.0126	0.009	mg/L	0.0126	146.89%
Antimony,7440-36-0†	-5.2	-0.0016	mg/L	0.00249	-0.0016	mg/L	0.00249	154.60%
Arsenic,7440-38-2†	2.9	0.0008	mg/L	0.00102	0.0008	mg/L	0.00102	133.04%
Barium,7440-39-3†	13.9	0.0001	mg/L	0.00016	0.0001	mg/L	0.00016	294.68%
Beryllium,7440-41-7†	-60.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	64.53%
Boron,7440-42-8†	52.4	0.0007	mg/L	0.00032	0.0007	mg/L	0.00032	45.10%
Cadmium,7440-43-9†	-19.2	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	88.80%
Calcium,7440-70-2†	12.7	0.015	mg/L	0.0048	0.015	mg/L	0.0048	31.76%
Chromium,7440-47-3†	-70.6	-0.0003	mg/L	0.00002	-0.0003	mg/L	0.00002	7.07%
Cobalt,7440-48-4†	31.0	0.0004	mg/L	0.00011	0.0004	mg/L	0.00011	28.28%
Copper,7440-50-8†	-697.8	-0.0015	mg/L	0.00007	-0.0015	mg/L	0.00007	4.38%
Iron,7439-89-6†	0.2	0.0006	mg/L	0.01155	0.0006	mg/L	0.01155	>999.9%
Lead,7439-92-1†	-3.9	-0.0002	mg/L	0.00078	-0.0002	mg/L	0.00078	329.80%
Lithium,7439-93-2†	5.5	0.0003	mg/L	0.00153	0.0003	mg/L	0.00153	462.41%
Magnesium,7439-95-4†	2.0	0.0226	mg/L	0.00710	0.0226	mg/L	0.00710	31.34%
Manganese,7439-96-5†	-214.0	-0.0002	mg/L	0.00032	-0.0002	mg/L	0.00032	166.10%
Molybdenum,7439-98-7†	25.2	0.0006	mg/L	0.00028	0.0006	mg/L	0.00028	45.62%
Nickel,7440-02-0†	11.1	0.0001	mg/L	0.00035	0.0001	mg/L	0.00035	235.69%
Potassium,7440-09-7†	288.0	0.1398	mg/L	0.02237	0.1398	mg/L	0.02237	16.00%

Selenium,7782-49-2†	-4.2	-0.0020	mg/L	0.00547	-0.0020	mg/L	0.00547 276.88%
Silicon,7440-21-3†	10.5	0.0849	mg/L	0.02210	0.0849	mg/L	0.02210 26.04%
Silver,7440-22-4†	87.4	0.0002	mg/L	0.00027	0.0002	mg/L	0.00027 112.23%
Sodium,7440-23-5†	-196.5	-0.0421	mg/L	0.00766	-0.0421	mg/L	0.00766 18.18%
Strontium,7440-24-6†	6.4	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010 439.38%
Thallium,7440-28-0†	11.2	0.0014	mg/L	0.00041	0.0014	mg/L	0.00041 28.81%
Tin,7440-31-5†	-69.2	-0.0048	mg/L	0.00039	-0.0048	mg/L	0.00039 8.07%
Titanium,7440-32-6†	100.1	0.0002	mg/L	0.00009	0.0002	mg/L	0.00009 59.88%
Vanadium,7440-62-2†	-480.8	-0.0030	mg/L	0.00012	-0.0030	mg/L	0.00012 3.95%
Zinc,7440-66-6†	-711.1	-0.0029	mg/L	0.00016	-0.0029	mg/L	0.00016 5.52%
Zirconium,7440-67-7†	-351.8	-0.0006	mg/L	0.00008	-0.0006	mg/L	0.00008 13.29%

Sequence No.: 60
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/25/2006 3:49:27 PM
Data Type: Reprocessed on 7/26/2006 8:04:42 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	97606.4	99.192	%	0.6344				0.64%
Ar 420.067 R	803857.4	91.394	%	0.3706				0.41%
Scandium-IS	4169448.8	105.23	%	0.713				0.68%
Yttrium,7440-65-5A	2082231.8	103.23	%	0.687				0.67%
Yttrium,7440-65-5R	41466.8	91.659	%	0.9919				1.08%
Aluminum,7429-90-5†	1234.0	4.848	mg/L	0.0234	4.848	mg/L	0.0234	0.48%
QC value within limits for Aluminum,7429-90-5 Recovery = 96.97%								
Antimony,7440-36-0†	1593.6	0.4932	mg/L	0.00452	0.4932	mg/L	0.00452	0.92%
QC value within limits for Antimony,7440-36-0 Recovery = 98.64%								
Arsenic,7440-38-2†	1680.9	0.4514	mg/L	0.00143	0.4514	mg/L	0.00143	0.32%
QC value within limits for Arsenic,7440-38-2 Recovery = 90.27%								
Barium,7440-39-3†	129023.0	0.4746	mg/L	0.00771	0.4746	mg/L	0.00771	1.62%
QC value within limits for Barium,7440-39-3 Recovery = 94.92%								
Beryllium,7440-41-7†	2460522.9	0.4772	mg/L	0.00451	0.4772	mg/L	0.00451	0.94%
QC value within limits for Beryllium,7440-41-7 Recovery = 95.45%								
Boron,7440-42-8†	172786.6	2.3488	mg/L	0.04059	2.3488	mg/L	0.04059	1.73%
QC value within limits for Boron,7440-42-8 Recovery = 93.95%								
Cadmium,7440-43-9†	173568.4	0.4685	mg/L	0.00787	0.4685	mg/L	0.00787	1.68%
QC value within limits for Cadmium,7440-43-9 Recovery = 93.71%								
Calcium,7440-70-2†	4249.2	5.031	mg/L	0.0736	5.031	mg/L	0.0736	1.46%
QC value within limits for Calcium,7440-70-2 Recovery = 100.61%								
Chromium,7440-47-3†	104669.7	0.4712	mg/L	0.00744	0.4712	mg/L	0.00744	1.58%
QC value within limits for Chromium,7440-47-3 Recovery = 94.24%								
Cobalt,7440-48-4†	36957.9	0.4681	mg/L	0.00770	0.4681	mg/L	0.00770	1.65%
QC value within limits for Cobalt,7440-48-4 Recovery = 93.61%								
Copper,7440-50-8†	217486.8	0.4748	mg/L	0.00673	0.4748	mg/L	0.00673	1.42%
QC value within limits for Copper,7440-50-8 Recovery = 94.96%								
Iron,7439-89-6†	1507.5	4.9838	mg/L	0.02865	4.9838	mg/L	0.02865	0.57%
QC value within limits for Iron,7439-89-6 Recovery = 99.68%								
Lead,7439-92-1†	7636.4	0.4726	mg/L	0.00284	0.4726	mg/L	0.00284	0.60%
QC value within limits for Lead,7439-92-1 Recovery = 94.52%								
Lithium,7439-93-2†	8516.3	0.5099	mg/L	0.01102	0.5099	mg/L	0.01102	2.16%
QC value within limits for Lithium,7439-93-2 Recovery = 101.98%								
Magnesium,7439-95-4†	438.8	4.8527	mg/L	0.04212	4.8527	mg/L	0.04212	0.87%
QC value within limits for Magnesium,7439-95-4 Recovery = 97.05%								
Manganese,7439-96-5†	546188.4	0.4837	mg/L	0.00795	0.4837	mg/L	0.00795	1.64%
QC value within limits for Manganese,7439-96-5 Recovery = 96.73%								
Molybdenum,7439-98-7†	19661.9	0.4723	mg/L	0.00311	0.4723	mg/L	0.00311	0.66%
QC value within limits for Molybdenum,7439-98-7 Recovery = 94.46%								
Nickel,7440-02-0†	35145.5	0.4720	mg/L	0.00766	0.4720	mg/L	0.00766	1.62%
QC value within limits for Nickel,7440-02-0 Recovery = 94.41%								
Potassium,7440-09-7†	19214.3	9.3195	mg/L	0.05194	9.3195	mg/L	0.05194	0.56%
QC value within limits for Potassium,7440-09-7 Recovery = 93.20%								
Selenium,7782-49-2†	1008.0	0.4786	mg/L	0.00171	0.4786	mg/L	0.00171	0.36%
QC value within limits for Selenium,7782-49-2 Recovery = 95.73%								
Silicon,7440-21-3†	72.9	0.5948	mg/L	0.02455	0.5948	mg/L	0.02455	4.13%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 118.97%								

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Silver,7440-22-4†      171633.0      0.4772 mg/L       0.00645      0.4772 mg/L       0.00645   1.35%
   QC value within limits for Silver,7440-22-4  Recovery = 95.44%
Sodium,7440-23-5†       85847.6      18.404 mg/L        0.1664      18.404 mg/L        0.1664   0.90%
   QC value within limits for Sodium,7440-23-5  Recovery = 92.02%
Strontium,7440-24-6†   137333.4      0.4929 mg/L       0.00617      0.4929 mg/L       0.00617   1.25%
   QC value within limits for Strontium,7440-24-6  Recovery = 98.58%
Thallium,7440-28-0†      3728.6      0.4809 mg/L       0.00280      0.4809 mg/L       0.00280   0.58%
   QC value within limits for Thallium,7440-28-0  Recovery = 96.18%
Tin,7440-31-5†           6801.0      0.4700 mg/L       0.00205      0.4700 mg/L       0.00205   0.44%
   QC value within limits for Tin,7440-31-5  Recovery = 94.01%
Titanium,7440-32-6†    319913.6      0.4817 mg/L       0.00413      0.4817 mg/L       0.00413   0.86%
   QC value within limits for Titanium,7440-32-6  Recovery = 96.34%
Vanadium,7440-62-2†     75831.2      0.4652 mg/L       0.00764      0.4652 mg/L       0.00764   1.64%
   QC value within limits for Vanadium,7440-62-2  Recovery = 93.05%
Zinc,7440-66-6†        119081.6      0.4788 mg/L       0.00612      0.4788 mg/L       0.00612   1.28%
   QC value within limits for Zinc,7440-66-6  Recovery = 95.75%
Zirconium,7440-67-7†   266792.8      0.4738 mg/L       0.00711      0.4738 mg/L       0.00711   1.50%
   QC value within limits for Zirconium,7440-67-7  Recovery = 94.77%
QC Failed.  Continue with analysis.
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Sequence No.: 61 **Autosampler Location: 1**
Sample ID: 1900 **Date Collected: 7/25/2006 3:56:20 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:04:45 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98369.9	99.968	%	0.5264				0.53%
Ar 420.067 R	800708.7	91.036	%	0.0692				0.08%
Scandium-IS	4282507.6	108.08	%	3.330				3.08%
Yttrium,7440-65-5A	2165117.9	107.34	%	3.192				2.97%
Yttrium,7440-65-5R	42090.3	93.037	%	1.1391				1.22%
Aluminum,7429-90-5†	-2.3	-0.009	mg/L	0.0108	-0.009	mg/L	0.0108	120.22%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-4.6	-0.0014	mg/L	0.00356	-0.0014	mg/L	0.00356	250.26%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	1.0	0.0003	mg/L	0.00128	0.0003	mg/L	0.00128	490.43%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	-21.6	-0.0001	mg/L	0.00006	-0.0001	mg/L	0.00006	77.41%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	112.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	57.99%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	2000.3	0.0272	mg/L	0.00646	0.0272	mg/L	0.00646	23.80%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	33.5	0.0001	mg/L	0.00014	0.0001	mg/L	0.00014	152.50%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	14.9	0.018	mg/L	0.0015	0.018	mg/L	0.0015	8.67%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-107.2	-0.0005	mg/L	0.00037	-0.0005	mg/L	0.00037	75.49%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	62.0	0.0008	mg/L	0.00071	0.0008	mg/L	0.00071	90.45%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-116.7	-0.0003	mg/L	0.00032	-0.0003	mg/L	0.00032	125.46%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	3.3	0.0109	mg/L	0.00382	0.0109	mg/L	0.00382	35.01%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	-7.8	-0.0005	mg/L	0.00104	-0.0005	mg/L	0.00104	214.64%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	-149.6	-0.0090	mg/L	0.00412	-0.0090	mg/L	0.00412	45.99%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	3.6	0.0402	mg/L	0.01407	0.0402	mg/L	0.01407	34.98%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	275.7	0.0002	mg/L	0.00030	0.0002	mg/L	0.00030	124.43%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	59.3	0.0014	mg/L	0.00032	0.0014	mg/L	0.00032	22.30%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								

Nickel,7440-02-0†	95.3	0.0013 mg/L	0.00012	0.0013 mg/L	0.00012	9.49%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated						
Potassium,7440-09-7†	274.3	0.1332 mg/L	0.03095	0.1332 mg/L	0.03095	23.24%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated						
Selenium,7782-49-2†	7.4	0.0035 mg/L	0.00590	0.0035 mg/L	0.00590	169.14%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated						
Silicon,7440-21-3†	12.1	0.0977 mg/L	0.00532	0.0977 mg/L	0.00532	5.44%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated						
Silver,7440-22-4†	90.5	0.0002 mg/L	0.00029	0.0002 mg/L	0.00029	115.14%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated						
Sodium,7440-23-5†	-507.0	-0.1087 mg/L	0.01037	-0.1087 mg/L	0.01037	9.54%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated						
Strontium,7440-24-6†	-6.7	0.0000 mg/L	0.00006	0.0000 mg/L	0.00006	235.26%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated						
Thallium,7440-28-0†	10.9	0.0014 mg/L	0.00057	0.0014 mg/L	0.00057	41.84%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated						
Tin,7440-31-5†	-27.9	-0.0019 mg/L	0.00093	-0.0019 mg/L	0.00093	48.39%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated						
Titanium,7440-32-6†	175.5	0.0003 mg/L	0.00016	0.0003 mg/L	0.00016	62.11%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated						
Vanadium,7440-62-2†	-793.4	-0.0049 mg/L	0.00276	-0.0049 mg/L	0.00276	56.70%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6†	-215.9	-0.0009 mg/L	0.00103	-0.0009 mg/L	0.00103	116.63%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7†	439.4	0.0008 mg/L	0.00015	0.0008 mg/L	0.00015	19.70%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 62
Sample ID: 20607202106
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 2X

Autosampler Location: 57
Date Collected: 7/25/2006 4:02:53 PM
Data Type: Reprocessed on 7/26/2006 8:04:48 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202106

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	84945.3	86.325	%	0.0954				0.11%
Ar 420.067 R	758675.9	86.257	%	0.2600				0.30%
Scandium-IS	3968645.3	100.16	%	0.653				0.65%
Yttrium,7440-65-5A	1998919.0	99.103	%	0.6012				0.61%
Yttrium,7440-65-5R	42474.6	93.887	%	0.4545				0.48%
Aluminum,7429-90-5†	9728.0	38.17	mg/L	2.535	3053	mg/kg	202.8	6.64%
Antimony,7440-36-0†	-277.9	-0.1063	mg/L	0.00721	-8.5023	mg/kg	0.57673	6.78%
Arsenic,7440-38-2†	136.9	0.1374	mg/L	0.01029	10.996	mg/kg	0.8234	7.49%
Barium,7440-39-3†	1075487.7	3.9451	mg/L	0.01972	315.61	mg/kg	1.577	0.50%
Beryllium,7440-41-7†	7139.6	0.0023	mg/L	0.00010	0.1880	mg/kg	0.00813	4.32%
Boron,7440-42-8†	-14361.3	0.1803	mg/L	0.02588	14.423	mg/kg	2.0702	14.35%
Cadmium,7440-43-9†	8331.4	-0.0014	mg/L	0.00149	-0.1148	mg/kg	0.11936	103.96%
Calcium,7440-70-2†	384807.9	455.8	mg/L	35.67	36460	mg/kg	2853.9	7.83%
Chromium,7440-47-3†	34589.7	0.1514	mg/L	0.00138	12.108	mg/kg	0.1102	0.91%
Cobalt,7440-48-4†	4288.7	0.0430	mg/L	0.00026	3.4375	mg/kg	0.02114	0.62%
Copper,7440-50-8†	196625.5	0.4333	mg/L	0.00257	34.662	mg/kg	0.2059	0.59%
Iron,7439-89-6†	158338.1	523.43	mg/L	40.119	41875	mg/kg	3209.5	7.66%
Lead,7439-92-1†	7066.1	0.4366	mg/L	0.00386	34.930	mg/kg	0.3087	0.88%
Lithium,7439-93-2†	1078.7	0.0668	mg/L	0.00562	5.3433	mg/kg	0.44998	8.42%
Magnesium,7439-95-4†	3633.3	40.521	mg/L	2.6815	3241.7	mg/kg	214.52	6.62%
Manganese,7439-96-5†	3640823.5	3.2240	mg/L	0.01766	257.92	mg/kg	1.413	0.55%
Molybdenum,7439-98-7†	1185.9	0.0320	mg/L	0.00059	2.5596	mg/kg	0.04704	1.84%
Nickel,7440-02-0†	12096.4	0.1576	mg/L	0.00136	12.607	mg/kg	0.1090	0.86%
Potassium,7440-09-7†	21882.7	10.448	mg/L	0.8123	835.87	mg/kg	64.982	7.77%
Selenium,7782-49-2†	-738.2	-0.0174	mg/L	0.02441	-1.3883	mg/kg	1.95320	140.69%
Silicon,7440-21-3†	660.9	6.3294	mg/L	0.42524	506.35	mg/kg	34.020	6.72%
Silver,7440-22-4†	-68681.8	-0.0796	mg/L	0.00771	-6.3669	mg/kg	0.61660	9.68%
Sodium,7440-23-5†	47565.3	10.227	mg/L	0.8266	818.15	mg/kg	66.128	8.08%
Strontium,7440-24-6†	256619.2	0.9113	mg/L	0.07031	72.905	mg/kg	5.6244	7.71%
Thallium,7440-28-0†	-258.9	-0.0308	mg/L	0.00190	-2.4646	mg/kg	0.15208	6.17%
Tin,7440-31-5†	-182.6	-0.0119	mg/L	0.00533	-0.9533	mg/kg	0.42621	44.71%

Titanium,7440-32-6†	162691.0	0.2437	mg/L	0.00332	19.499	mg/kg	0.2660	1.36%
Vanadium,7440-62-2†	24861.3	0.1146	mg/L	0.00325	9.1707	mg/kg	0.26030	2.84%
Zinc,7440-66-6†	1528997.5	6.1439	mg/L	0.02538	491.51	mg/kg	2.030	0.41%
Zirconium,7440-67-7†	12069.7	0.0229	mg/L	0.00021	1.8342	mg/kg	0.01679	0.92%

Sequence No.: 63
Sample ID: 20607202107
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 2X

Autosampler Location: 58
Date Collected: 7/25/2006 4:08:35 PM
Data Type: Reprocessed on 7/26/2006 8:04:50 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202107

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	77897.7	79.163	%	0.0990				0.13%
Ar 420.067 R	729117.6	82.896	%	0.2112				0.25%
Scandium-IS	3682201.6	92.933	%	0.3759				0.40%
Yttrium,7440-65-5A	1849663.9	91.703	%	0.2850				0.31%
Yttrium,7440-65-5R	39278.0	86.821	%	0.3503				0.40%
Aluminum,7429-90-5†	8666.0	33.97	mg/L	1.485	2696	mg/kg	117.9	4.37%
Antimony,7440-36-0†	-45.1	-0.0123	mg/L	0.00578	-0.9782	mg/kg	0.45852	46.87%
Arsenic,7440-38-2†	30.8	0.0242	mg/L	0.00377	1.9231	mg/kg	0.29946	15.57%
Barium,7440-39-3†	394977.2	1.4474	mg/L	0.00325	114.87	mg/kg	0.258	0.22%
Beryllium,7440-41-7†	8512.2	0.0016	mg/L	0.00005	0.1301	mg/kg	0.00380	2.92%
Boron,7440-42-8†	2987.4	0.0887	mg/L	0.00109	7.0433	mg/kg	0.08639	1.23%
Cadmium,7440-43-9†	-48.5	-0.0049	mg/L	0.00020	-0.3875	mg/kg	0.01614	4.17%
Calcium,7440-70-2†	1710217.6	2026	mg/L	97.2	160800	mg/kg	7711.7	4.80%
Chromium,7440-47-3†	25516.3	0.1089	mg/L	0.00017	8.6462	mg/kg	0.01376	0.16%
Cobalt,7440-48-4†	1935.9	0.0220	mg/L	0.00090	1.7444	mg/kg	0.07130	4.09%
Copper,7440-50-8†	148410.0	0.2061	mg/L	0.00442	16.359	mg/kg	0.3505	2.14%
Iron,7439-89-6†	28520.2	94.301	mg/L	4.6317	7484.2	mg/kg	367.60	4.91%
Lead,7439-92-1†	7217.5	0.4646	mg/L	0.00079	36.870	mg/kg	0.0629	0.17%
Lithium,7439-93-2†	847.1	0.0517	mg/L	0.00592	4.1024	mg/kg	0.46969	11.45%
Magnesium,7439-95-4†	12050.6	133.26	mg/L	5.914	10576	mg/kg	469.4	4.44%
Manganese,7439-96-5†	2270752.5	2.0177	mg/L	0.00522	160.13	mg/kg	0.414	0.26%
Molybdenum,7439-98-7†	500.4	0.0070	mg/L	0.00114	0.5523	mg/kg	0.09044	16.37%
Nickel,7440-02-0†	5611.3	0.0742	mg/L	0.00133	5.8925	mg/kg	0.10592	1.80%
Potassium,7440-09-7†	22905.7	10.773	mg/L	0.5436	854.98	mg/kg	43.143	5.05%
Selenium,7782-49-2†	-219.8	-0.0101	mg/L	0.00844	-0.8017	mg/kg	0.66946	83.50%
Silicon,7440-21-3†	1253.3	10.237	mg/L	0.4451	812.47	mg/kg	35.326	4.35%
Silver,7440-22-4†	-7027.1	-0.0016	mg/L	0.00103	-0.1300	mg/kg	0.08157	62.75%
Sodium,7440-23-5†	101745.9	21.807	mg/L	1.0431	1730.8	mg/kg	82.79	4.78%
Strontium,7440-24-6†	1056076.0	3.7503	mg/L	0.18337	297.65	mg/kg	14.553	4.89%
Thallium,7440-28-0†	-42.7	-0.0058	mg/L	0.00202	-0.4600	mg/kg	0.16022	34.83%
Tin,7440-31-5†	-304.6	0.0296	mg/L	0.00294	2.3495	mg/kg	0.23347	9.94%
Titanium,7440-32-6†	124448.1	0.1872	mg/L	0.00188	14.856	mg/kg	0.1489	1.00%
Vanadium,7440-62-2†	14889.1	0.0897	mg/L	0.00135	7.1179	mg/kg	0.10724	1.51%
Zinc,7440-66-6†	724855.2	2.8914	mg/L	0.00523	229.47	mg/kg	0.415	0.18%
Zirconium,7440-67-7†	2432.4	0.0202	mg/L	0.00076	1.6021	mg/kg	0.06028	3.76%

Sequence No.: 64
Sample ID: 20607202108
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 2X

Autosampler Location: 59
Date Collected: 7/25/2006 4:14:20 PM
Data Type: Reprocessed on 7/26/2006 8:04:52 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202108

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	78785.3	80.065	%	0.3041				0.38%
Ar 420.067 R	715726.3	81.374	%	0.2403				0.30%
Scandium-IS	3669303.9	92.607	%	0.8745				0.94%
Yttrium,7440-65-5A	1841710.1	91.309	%	0.8509				0.93%
Yttrium,7440-65-5R	37719.7	83.376	%	0.4162				0.50%
Aluminum,7429-90-5†	10141.5	39.76	mg/L	2.168	3181	mg/kg	173.4	5.45%

Antimony,7440-36-0†	-39.8	-0.0099	mg/L	0.00742	-0.7888	mg/kg	0.59373	75.27%
Arsenic,7440-38-2†	-6.4	0.0141	mg/L	0.00062	1.1301	mg/kg	0.04925	4.36%
Barium,7440-39-3†	340582.0	1.2473	mg/L	0.03221	99.785	mg/kg	2.5770	2.58%
Beryllium,7440-41-7†	9423.7	0.0018	mg/L	0.00007	0.1471	mg/kg	0.00556	3.78%
Boron,7440-42-8†	2583.1	0.0760	mg/L	0.00302	6.0769	mg/kg	0.24124	3.97%
Cadmium,7440-43-9†	276.9	-0.0035	mg/L	0.00015	-0.2792	mg/kg	0.01161	4.16%
Calcium,7440-70-2†	1782905.5	2112	mg/L	116.5	168900	mg/kg	9316.6	5.51%
Chromium,7440-47-3†	18743.1	0.0784	mg/L	0.00238	6.2755	mg/kg	0.19014	3.03%
Cobalt,7440-48-4†	1919.0	0.0221	mg/L	0.00066	1.7646	mg/kg	0.05261	2.98%
Copper,7440-50-8†	109111.7	0.1151	mg/L	0.00209	9.2082	mg/kg	0.16751	1.82%
Iron,7439-89-6†	25228.7	83.415	mg/L	4.7108	6673.2	mg/kg	376.86	5.65%
Lead,7439-92-1†	2809.6	0.1932	mg/L	0.00515	15.453	mg/kg	0.4116	2.66%
Lithium,7439-93-2†	1440.2	0.0869	mg/L	0.00328	6.9485	mg/kg	0.26230	3.77%
Magnesium,7439-95-4†	5656.0	62.587	mg/L	3.4144	5007.0	mg/kg	273.15	5.46%
Manganese,7439-96-5†	1836925.8	1.6330	mg/L	0.04323	130.64	mg/kg	3.458	2.65%
Molybdenum,7439-98-7†	442.6	0.0052	mg/L	0.00036	0.4164	mg/kg	0.02874	6.90%
Nickel,7440-02-0†	4518.9	0.0597	mg/L	0.00149	4.7723	mg/kg	0.11885	2.49%
Potassium,7440-09-7†	28499.5	13.498	mg/L	0.8238	1079.8	mg/kg	65.90	6.10%
Selenium,7782-49-2†	-231.9	-0.0199	mg/L	0.01462	-1.5960	mg/kg	1.16938	73.27%
Silicon,7440-21-3†	781.5	6.4351	mg/L	0.34643	514.81	mg/kg	27.714	5.38%
Silver,7440-22-4†	-5352.6	0.0007	mg/L	0.00045	0.0526	mg/kg	0.03627	68.98%
Sodium,7440-23-5†	216728.2	46.456	mg/L	2.9306	3716.5	mg/kg	234.45	6.31%
Strontium,7440-24-6†	441736.1	1.5431	mg/L	0.08189	123.45	mg/kg	6.551	5.31%
Thallium,7440-28-0†	-36.9	-0.0058	mg/L	0.00342	-0.4665	mg/kg	0.27329	58.58%
Tin,7440-31-5†	-437.8	0.0215	mg/L	0.00267	1.7213	mg/kg	0.21367	12.41%
Titanium,7440-32-6†	93973.4	0.1413	mg/L	0.00344	11.304	mg/kg	0.2754	2.44%
Vanadium,7440-62-2†	17004.4	0.1018	mg/L	0.00298	8.1473	mg/kg	0.23848	2.93%
Zinc,7440-66-6†	473338.2	1.8717	mg/L	0.04885	149.74	mg/kg	3.908	2.61%
Zirconium,7440-67-7†	432.3	0.0174	mg/L	0.00144	1.3923	mg/kg	0.11556	8.30%

Sequence No.: 65
Sample ID: 20607202111
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 5X

Autosampler Location: 60
Date Collected: 7/25/2006 4:20:17 PM
Data Type: Reprocessed on 7/26/2006 8:04:54 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202111

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	83599.5	84.957	%	0.2616				0.31%
Ar 420.067 R	727870.9	82.754	%	0.1791				0.22%
Scandium-IS	3763189.3	94.977	%	0.7184				0.76%
Yttrium,7440-65-5A	1862282.2	92.328	%	0.6863				0.74%
Yttrium,7440-65-5R	38077.7	84.168	%	0.2053				0.24%
Aluminum,7429-90-5†	2441.3	9.565	mg/L	0.1772	1898	mg/kg	35.2	1.85%
Antimony,7440-36-0†	-36.9	-0.0100	mg/L	0.00146	-1.9890	mg/kg	0.29041	14.60%
Arsenic,7440-38-2†	-23.5	-0.0010	mg/L	0.00115	-0.1892	mg/kg	0.22795	120.47%
Barium,7440-39-3†	149015.6	0.5453	mg/L	0.00214	108.20	mg/kg	0.424	0.39%
Beryllium,7440-41-7†	1392.7	0.0003	mg/L	0.00001	0.0594	mg/kg	0.00157	2.64%
Boron,7440-42-8†	304.0	0.0208	mg/L	0.00046	4.1187	mg/kg	0.09090	2.21%
Cadmium,7440-43-9†	368.1	-0.0009	mg/L	0.00007	-0.1862	mg/kg	0.01299	6.98%
Calcium,7440-70-2†	950616.8	1126	mg/L	21.5	223400	mg/kg	4271.8	1.91%
Chromium,7440-47-3†	8167.6	0.0352	mg/L	0.00030	6.9914	mg/kg	0.05998	0.86%
Cobalt,7440-48-4†	595.1	0.0066	mg/L	0.00021	1.3118	mg/kg	0.04182	3.19%
Copper,7440-50-8†	32943.0	0.0059	mg/L	0.00109	1.1790	mg/kg	0.21652	18.36%
Iron,7439-89-6†	11107.8	36.728	mg/L	0.4001	7287.3	mg/kg	79.38	1.09%
Lead,7439-92-1†	4857.4	0.3103	mg/L	0.00194	61.569	mg/kg	0.3852	0.63%
Lithium,7439-93-2†	307.2	0.0187	mg/L	0.00253	3.7059	mg/kg	0.50134	13.53%
Magnesium,7439-95-4†	2903.3	32.124	mg/L	0.6050	6373.8	mg/kg	120.04	1.88%
Manganese,7439-96-5†	554955.6	0.4948	mg/L	0.00204	98.173	mg/kg	0.4048	0.41%
Molybdenum,7439-98-7†	315.9	0.0046	mg/L	0.00078	0.9056	mg/kg	0.15424	17.03%
Nickel,7440-02-0†	2047.9	0.0271	mg/L	0.00043	5.3796	mg/kg	0.08476	1.58%
Potassium,7440-09-7†	5450.3	2.4685	mg/L	0.04082	489.79	mg/kg	8.100	1.65%
Selenium,7782-49-2†	-143.6	-0.0243	mg/L	0.00721	-4.8237	mg/kg	1.43052	29.66%
Silicon,7440-21-3†	214.0	1.7848	mg/L	0.04116	354.14	mg/kg	8.167	2.31%
Silver,7440-22-4†	-1138.3	0.0035	mg/L	0.00034	0.6964	mg/kg	0.06781	9.74%
Sodium,7440-23-5†	15457.4	3.3122	mg/L	0.01116	657.18	mg/kg	2.213	0.34%
Strontium,7440-24-6†	139521.6	0.4781	mg/L	0.00832	94.864	mg/kg	1.6501	1.74%

Thallium,7440-28-0†	-15.1	-0.0037	mg/L	0.00060	-0.7263	mg/kg	0.11950	16.45%
Tin,7440-31-5†	-419.9	-0.0011	mg/L	0.00110	-0.2200	mg/kg	0.21866	99.39%
Titanium,7440-32-6†	36965.6	0.0556	mg/L	0.00067	11.028	mg/kg	0.1322	1.20%
Vanadium,7440-62-2†	7498.9	0.0452	mg/L	0.00039	8.9712	mg/kg	0.07707	0.86%
Zinc,7440-66-6†	217161.8	0.8562	mg/L	0.00459	169.87	mg/kg	0.910	0.54%
Zirconium,7440-67-7†	-6189.9	-0.0021	mg/L	0.00038	-0.4079	mg/kg	0.07525	18.45%

Sequence No.: 66
Sample ID: 20607202105
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 2X

Autosampler Location: 61
Date Collected: 7/25/2006 4:26:58 PM
Data Type: Reprocessed on 7/26/2006 8:04:57 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607202105

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	81886.4	83.216	%	0.0928				0.11%
Ar 420.067 R	716276.7	81.436	%	0.0648				0.08%
Scandium-IS	3764496.7	95.010	%	0.4101				0.43%
Yttrium,7440-65-5A	1896673.1	94.033	%	0.3801				0.40%
Yttrium,7440-65-5R	38007.5	84.013	%	0.3015				0.36%
Aluminum,7429-90-5†	15073.7	59.12	mg/L	4.244	4730	mg/kg	339.5	7.18%
Antimony,7440-36-0†	-85.0	-0.0276	mg/L	0.00357	-2.2086	mg/kg	0.28560	12.93%
Arsenic,7440-38-2†	19.5	0.0357	mg/L	0.00639	2.8578	mg/kg	0.51119	17.89%
Barium,7440-39-3†	210157.0	0.7670	mg/L	0.00457	61.362	mg/kg	0.3655	0.60%
Beryllium,7440-41-7†	16681.7	0.0033	mg/L	0.00007	0.2641	mg/kg	0.00568	2.15%
Boron,7440-42-8†	1854.3	0.1114	mg/L	0.00840	8.9146	mg/kg	0.67184	7.54%
Cadmium,7440-43-9†	9610.1	0.0194	mg/L	0.00059	1.5552	mg/kg	0.04692	3.02%
Calcium,7440-70-2†	1161256.8	1375	mg/L	128.3	110000	mg/kg	10266.4	9.33%
Chromium,7440-47-3†	19945.0	0.0813	mg/L	0.00135	6.5065	mg/kg	0.10776	1.66%
Cobalt,7440-48-4†	2813.7	0.0319	mg/L	0.00063	2.5553	mg/kg	0.05041	1.97%
Copper,7440-50-8†	83553.1	0.1068	mg/L	0.00567	8.5419	mg/kg	0.45391	5.31%
Iron,7439-89-6†	41870.5	138.42	mg/L	13.097	11074	mg/kg	1047.8	9.46%
Lead,7439-92-1†	1657.3	0.1168	mg/L	0.00220	9.3440	mg/kg	0.17639	1.89%
Lithium,7439-93-2†	1808.5	0.1091	mg/L	0.01188	8.7299	mg/kg	0.95021	10.88%
Magnesium,7439-95-4†	5402.3	59.811	mg/L	4.2760	4784.9	mg/kg	342.08	7.15%
Manganese,7439-96-5†	2549921.9	2.2622	mg/L	0.01650	180.98	mg/kg	1.320	0.73%
Molybdenum,7439-98-7†	361.3	0.0061	mg/L	0.00025	0.4850	mg/kg	0.02026	4.18%
Nickel,7440-02-0†	6868.6	0.0906	mg/L	0.00166	7.2466	mg/kg	0.13260	1.83%
Potassium,7440-09-7†	38178.7	18.292	mg/L	1.6451	1463.4	mg/kg	131.61	8.99%
Selenium,7782-49-2†	-298.6	-0.0320	mg/L	0.00964	-2.5565	mg/kg	0.77152	30.18%
Silicon,7440-21-3†	1543.0	12.675	mg/L	0.8553	1014.0	mg/kg	68.42	6.75%
Silver,7440-22-4†	-14713.6	-0.0129	mg/L	0.00252	-1.0311	mg/kg	0.20136	19.53%
Sodium,7440-23-5†	136215.4	29.199	mg/L	2.6937	2335.9	mg/kg	215.50	9.23%
Strontium,7440-24-6†	1032671.2	3.6794	mg/L	0.34389	294.35	mg/kg	27.511	9.35%
Thallium,7440-28-0†	-67.7	-0.0061	mg/L	0.00184	-0.4878	mg/kg	0.14730	30.20%
Tin,7440-31-5†	-346.5	0.0078	mg/L	0.00449	0.6259	mg/kg	0.35952	57.44%
Titanium,7440-32-6†	164259.3	0.2470	mg/L	0.00259	19.760	mg/kg	0.2073	1.05%
Vanadium,7440-62-2†	20333.0	0.1173	mg/L	0.00024	9.3868	mg/kg	0.01924	0.20%
Zinc,7440-66-6†	201981.6	0.7768	mg/L	0.00125	62.147	mg/kg	0.0999	0.16%
Zirconium,7440-67-7†	10056.3	0.0283	mg/L	0.00106	2.2604	mg/kg	0.08449	3.74%

Sequence No.: 67
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 62
Date Collected: 7/25/2006 4:32:45 PM
Data Type: Reprocessed on 7/26/2006 8:04:59 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	102083.6	103.74	%	0.403				0.39%
Ar 420.067 R	789669.1	89.781	%	0.1755				0.20%
Scandium-IS	4282638.3	108.09	%	0.658				0.61%
Yttrium,7440-65-5A	2161065.9	107.14	%	0.768				0.72%

Yttrium,7440-65-5R	40222.2	88.908 %	0.3660				0.41%
Aluminum,7429-90-5†	5.0	0.020 mg/L	0.0138	0.020	mg/L	0.0138	70.34%
Antimony,7440-36-0†	-8.2	-0.0025 mg/L	0.00215	-0.0025	mg/L	0.00215	84.50%
Arsenic,7440-38-2†	0.6	0.0002 mg/L	0.00129	0.0002	mg/L	0.00129	817.35%
Barium,7440-39-3†	-19.4	-0.0001 mg/L	0.00004	-0.0001	mg/L	0.00004	53.24%
Beryllium,7440-41-7†	-119.0	0.0000 mg/L	0.00001	0.0000	mg/L	0.00001	61.41%
Boron,7440-42-8†	167.6	0.0023 mg/L	0.00014	0.0023	mg/L	0.00014	6.05%
Cadmium,7440-43-9†	9.7	0.0000 mg/L	0.00004	0.0000	mg/L	0.00004	138.73%
Calcium,7440-70-2†	59.1	0.070 mg/L	0.0270	0.070	mg/L	0.0270	38.61%
Chromium,7440-47-3†	-63.5	-0.0003 mg/L	0.00006	-0.0003	mg/L	0.00006	20.78%
Cobalt,7440-48-4†	20.9	0.0003 mg/L	0.00010	0.0003	mg/L	0.00010	38.55%
Copper,7440-50-8†	-917.4	-0.0020 mg/L	0.00014	-0.0020	mg/L	0.00014	7.02%
Iron,7439-89-6†	1.4	0.0047 mg/L	0.00440	0.0047	mg/L	0.00440	94.56%
Lead,7439-92-1†	1.0	0.0001 mg/L	0.00064	0.0001	mg/L	0.00064	975.14%
Lithium,7439-93-2†	66.5	0.0040 mg/L	0.00203	0.0040	mg/L	0.00203	50.99%
Magnesium,7439-95-4†	3.6	0.0396 mg/L	0.03511	0.0396	mg/L	0.03511	88.66%
Manganese,7439-96-5†	-405.1	-0.0004 mg/L	0.00001	-0.0004	mg/L	0.00001	3.39%
Molybdenum,7439-98-7†	22.7	0.0005 mg/L	0.00015	0.0005	mg/L	0.00015	26.54%
Nickel,7440-02-0†	0.4	0.0000 mg/L	0.00030	0.0000	mg/L	0.00030	>999.9%
Potassium,7440-09-7†	208.7	0.1013 mg/L	0.02252	0.1013	mg/L	0.02252	22.23%
Selenium,7782-49-2†	-3.2	-0.0015 mg/L	0.00250	-0.0015	mg/L	0.00250	167.10%
Silicon,7440-21-3†	18.1	0.1453 mg/L	0.00926	0.1453	mg/L	0.00926	6.37%
Silver,7440-22-4†	-39.1	-0.0001 mg/L	0.00006	-0.0001	mg/L	0.00006	52.04%
Sodium,7440-23-5†	9.3	0.0020 mg/L	0.00330	0.0020	mg/L	0.00330	166.12%
Strontium,7440-24-6†	20.2	0.0001 mg/L	0.00008	0.0001	mg/L	0.00008	106.10%
Thallium,7440-28-0†	0.6	0.0001 mg/L	0.00054	0.0001	mg/L	0.00054	769.91%
Tin,7440-31-5†	-66.1	-0.0046 mg/L	0.00019	-0.0046	mg/L	0.00019	4.06%
Titanium,7440-32-6†	-48.1	-0.0001 mg/L	0.00005	-0.0001	mg/L	0.00005	67.89%
Vanadium,7440-62-2†	-428.4	-0.0026 mg/L	0.00019	-0.0026	mg/L	0.00019	7.23%
Zinc,7440-66-6†	-1008.0	-0.0041 mg/L	0.00008	-0.0041	mg/L	0.00008	1.97%
Zirconium,7440-67-7†	-338.1	-0.0006 mg/L	0.00006	-0.0006	mg/L	0.00006	10.16%

Sequence No.: 68
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 63
Date Collected: 7/25/2006 4:39:21 PM
Data Type: Reprocessed on 7/26/2006 8:05:02 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	102756.7	104.43	%	0.475				0.46%
Ar 420.067 R	794154.2	90.290	%	0.1906				0.21%
Scandium-IS	4270785.9	107.79	%	1.958				1.82%
Yttrium,7440-65-5A	2157050.4	106.94	%	1.946				1.82%
Yttrium,7440-65-5R	41715.9	92.210	%	0.6293				0.68%
Aluminum,7429-90-5†	13.0	0.051	mg/L	0.0150	0.051	mg/L	0.0150	29.40%
Antimony,7440-36-0†	-14.2	-0.0044	mg/L	0.00460	-0.0044	mg/L	0.00460	104.44%
Arsenic,7440-38-2†	2.5	0.0007	mg/L	0.00242	0.0007	mg/L	0.00242	368.78%
Barium,7440-39-3†	-17.4	-0.0001	mg/L	0.00009	-0.0001	mg/L	0.00009	140.78%
Beryllium,7440-41-7†	-202.1	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	42.81%
Boron,7440-42-8†	36.0	0.0005	mg/L	0.00007	0.0005	mg/L	0.00007	15.11%
Cadmium,7440-43-9†	36.4	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	71.00%
Calcium,7440-70-2†	152.9	0.181	mg/L	0.0192	0.181	mg/L	0.0192	10.61%
Chromium,7440-47-3†	-45.2	-0.0002	mg/L	0.00015	-0.0002	mg/L	0.00015	71.84%
Cobalt,7440-48-4†	8.3	0.0001	mg/L	0.00017	0.0001	mg/L	0.00017	162.11%
Copper,7440-50-8†	-949.3	-0.0021	mg/L	0.00004	-0.0021	mg/L	0.00004	1.84%
Iron,7439-89-6†	-1.2	-0.0039	mg/L	0.00320	-0.0039	mg/L	0.00320	82.66%
Lead,7439-92-1†	-5.8	-0.0003	mg/L	0.00068	-0.0003	mg/L	0.00068	196.17%
Lithium,7439-93-2†	70.3	0.0042	mg/L	0.00290	0.0042	mg/L	0.00290	68.94%
Magnesium,7439-95-4†	2.6	0.0290	mg/L	0.01179	0.0290	mg/L	0.01179	40.62%
Manganese,7439-96-5†	683.6	0.0006	mg/L	0.00007	0.0006	mg/L	0.00007	10.93%
Molybdenum,7439-98-7†	17.7	0.0004	mg/L	0.00011	0.0004	mg/L	0.00011	26.36%
Nickel,7440-02-0†	36.6	0.0005	mg/L	0.00050	0.0005	mg/L	0.00050	102.37%
Potassium,7440-09-7†	211.1	0.1024	mg/L	0.05740	0.1024	mg/L	0.05740	56.02%
Selenium,7782-49-2†	-10.1	-0.0048	mg/L	0.00382	-0.0048	mg/L	0.00382	80.32%
Silicon,7440-21-3†	13.8	0.1107	mg/L	0.02234	0.1107	mg/L	0.02234	20.18%
Silver,7440-22-4†	5.6	0.0000	mg/L	0.00028	0.0000	mg/L	0.00028	>999.9%

Sodium,7440-23-5†	-149.8	-0.0321	mg/L	0.00716	-0.0321	mg/L	0.00716	22.31%
Strontium,7440-24-6†	31.4	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	94.13%
Thallium,7440-28-0†	8.9	0.0011	mg/L	0.00071	0.0011	mg/L	0.00071	63.38%
Tin,7440-31-5†	-77.1	-0.0053	mg/L	0.00005	-0.0053	mg/L	0.00005	0.85%
Titanium,7440-32-6†	-179.4	-0.0003	mg/L	0.00028	-0.0003	mg/L	0.00028	103.84%
Vanadium,7440-62-2†	-342.6	-0.0021	mg/L	0.00029	-0.0021	mg/L	0.00029	13.77%
Zinc,7440-66-6†	1781.6	0.0072	mg/L	0.00030	0.0072	mg/L	0.00030	4.19%
Zirconium,7440-67-7†	-483.2	-0.0009	mg/L	0.00019	-0.0009	mg/L	0.00019	22.14%

Sequence No.: 69
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 64
Date Collected: 7/25/2006 4:45:57 PM
Data Type: Reprocessed on 7/26/2006 8:05:04 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	103340.8	105.02	%	0.444				0.42%
Ar 420.067 R	796697.9	90.580	%	0.2046				0.23%
Scandium-IS	4255532.4	107.40	%	1.440				1.34%
Yttrium,7440-65-5A	2149192.5	106.55	%	1.468				1.38%
Yttrium,7440-65-5R	41079.1	90.802	%	0.3832				0.42%
Aluminum,7429-90-5†	5.4	0.021	mg/L	0.0259	0.021	mg/L	0.0259	123.52%
Antimony,7440-36-0†	-8.9	-0.0028	mg/L	0.00005	-0.0028	mg/L	0.00005	1.85%
Arsenic,7440-38-2†	-1.2	-0.0003	mg/L	0.00159	-0.0003	mg/L	0.00159	491.75%
Barium,7440-39-3†	-27.2	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	33.12%
Beryllium,7440-41-7†	-124.8	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	88.46%
Boron,7440-42-8†	10.6	0.0001	mg/L	0.00016	0.0001	mg/L	0.00016	116.76%
Cadmium,7440-43-9†	-13.3	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	110.70%
Calcium,7440-70-2†	-1.1	-0.001	mg/L	0.0079	-0.001	mg/L	0.0079	601.99%
Chromium,7440-47-3†	-45.7	-0.0002	mg/L	0.00007	-0.0002	mg/L	0.00007	33.69%
Cobalt,7440-48-4†	13.9	0.0002	mg/L	0.00025	0.0002	mg/L	0.00025	141.84%
Copper,7440-50-8†	-958.2	-0.0021	mg/L	0.00011	-0.0021	mg/L	0.00011	5.16%
Iron,7439-89-6†	-2.0	-0.0065	mg/L	0.00824	-0.0065	mg/L	0.00824	127.57%
Lead,7439-92-1†	-11.3	-0.0007	mg/L	0.00143	-0.0007	mg/L	0.00143	206.16%
Lithium,7439-93-2†	-29.9	-0.0018	mg/L	0.00238	-0.0018	mg/L	0.00238	132.68%
Magnesium,7439-95-4†	1.7	0.0190	mg/L	0.03153	0.0190	mg/L	0.03153	166.35%
Manganese,7439-96-5†	-472.2	-0.0004	mg/L	0.00004	-0.0004	mg/L	0.00004	9.43%
Molybdenum,7439-98-7†	16.6	0.0004	mg/L	0.00024	0.0004	mg/L	0.00024	59.18%
Nickel,7440-02-0†	-13.0	-0.0002	mg/L	0.00019	-0.0002	mg/L	0.00019	110.24%
Potassium,7440-09-7†	371.8	0.1805	mg/L	0.01319	0.1805	mg/L	0.01319	7.31%
Selenium,7782-49-2†	1.1	0.0005	mg/L	0.00630	0.0005	mg/L	0.00630	>999.9%
Silicon,7440-21-3†	13.8	0.1112	mg/L	0.00681	0.1112	mg/L	0.00681	6.12%
Silver,7440-22-4†	-107.6	-0.0003	mg/L	0.00033	-0.0003	mg/L	0.00033	108.88%
Sodium,7440-23-5†	-375.7	-0.0806	mg/L	0.00886	-0.0806	mg/L	0.00886	11.00%
Strontium,7440-24-6†	55.4	0.0002	mg/L	0.00010	0.0002	mg/L	0.00010	50.30%
Thallium,7440-28-0†	-1.0	-0.0001	mg/L	0.00146	-0.0001	mg/L	0.00146	>999.9%
Tin,7440-31-5†	-65.2	-0.0045	mg/L	0.00017	-0.0045	mg/L	0.00017	3.77%
Titanium,7440-32-6†	-190.0	-0.0003	mg/L	0.00018	-0.0003	mg/L	0.00018	64.05%
Vanadium,7440-62-2†	-370.5	-0.0023	mg/L	0.00027	-0.0023	mg/L	0.00027	11.90%
Zinc,7440-66-6†	-1308.7	-0.0053	mg/L	0.00006	-0.0053	mg/L	0.00006	1.09%
Zirconium,7440-67-7†	-254.5	-0.0005	mg/L	0.00007	-0.0005	mg/L	0.00007	15.46%

Sequence No.: 70
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

RJK Kom 7-24-06

Autosampler Location: 7
Date Collected: 7/25/2006 4:51:03 PM
Data Type: Reprocessed on 7/26/2006 8:05:06 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	100161.7	101.79	%	0.154				0.15%
Ar 420.067 R	780623.0	88.752	%	0.3709				0.42%

Scandium-IS	4165968.0	105.14 %	0.637			0.61%
Yttrium,7440-65-5A	2072104.7	102.73 %	0.588			0.57%
Yttrium,7440-65-5R	39472.5	87.251 %	1.8361			2.10%
Aluminum,7429-90-5†	1202.3	4.724 mg/L	0.1311	4.724 mg/L	0.1311	2.77%
QC value within limits for Aluminum,7429-90-5 Recovery = 94.49%						
Antimony,7440-36-0†	1549.5	0.4795 mg/L	0.00480	0.4795 mg/L	0.00480	1.00%
QC value within limits for Antimony,7440-36-0 Recovery = 95.90%						
Arsenic,7440-38-2†	1815.4	0.4873 mg/L	0.00248	0.4873 mg/L	0.00248	0.51%
QC value within limits for Arsenic,7440-38-2 Recovery = 97.45%						
Barium,7440-39-3†	133236.9	0.4901 mg/L	0.00351	0.4901 mg/L	0.00351	0.72%
QC value within limits for Barium,7440-39-3 Recovery = 98.02%						
Beryllium,7440-41-7†	2510632.0	0.4870 mg/L	0.00167	0.4870 mg/L	0.00167	0.34%
QC value within limits for Beryllium,7440-41-7 Recovery = 97.39%						
Boron,7440-42-8†	176730.6	2.4021 mg/L	0.01911	2.4021 mg/L	0.01911	0.80%
QC value within limits for Boron,7440-42-8 Recovery = 96.08%						
Cadmium,7440-43-9†	180887.3	0.4883 mg/L	0.00338	0.4883 mg/L	0.00338	0.69%
QC value within limits for Cadmium,7440-43-9 Recovery = 97.66%						
Calcium,7440-70-2†	4147.5	4.910 mg/L	0.0263	4.910 mg/L	0.0263	0.54%
QC value within limits for Calcium,7440-70-2 Recovery = 98.20%						
Chromium,7440-47-3†	107723.1	0.4850 mg/L	0.00350	0.4850 mg/L	0.00350	0.72%
QC value within limits for Chromium,7440-47-3 Recovery = 97.00%						
Cobalt,7440-48-4†	38651.0	0.4896 mg/L	0.00328	0.4896 mg/L	0.00328	0.67%
QC value within limits for Cobalt,7440-48-4 Recovery = 97.91%						
Copper,7440-50-8†	220260.4	0.4808 mg/L	0.00376	0.4808 mg/L	0.00376	0.78%
QC value within limits for Copper,7440-50-8 Recovery = 96.16%						
Iron,7439-89-6†	1400.7	4.6310 mg/L	0.13338	4.6310 mg/L	0.13338	2.88%
QC value within limits for Iron,7439-89-6 Recovery = 92.62%						
Lead,7439-92-1†	7896.9	0.4887 mg/L	0.00277	0.4887 mg/L	0.00277	0.57%
QC value within limits for Lead,7439-92-1 Recovery = 97.74%						
Lithium,7439-93-2†	9147.2	0.5477 mg/L	0.00614	0.5477 mg/L	0.00614	1.12%
QC value within limits for Lithium,7439-93-2 Recovery = 109.54%						
Magnesium,7439-95-4†	430.6	4.7617 mg/L	0.07847	4.7617 mg/L	0.07847	1.65%
QC value within limits for Magnesium,7439-95-4 Recovery = 95.23%						
Manganese,7439-96-5†	563943.2	0.4994 mg/L	0.00333	0.4994 mg/L	0.00333	0.67%
QC value within limits for Manganese,7439-96-5 Recovery = 99.88%						
Molybdenum,7439-98-7†	20219.8	0.4857 mg/L	0.00233	0.4857 mg/L	0.00233	0.48%
QC value within limits for Molybdenum,7439-98-7 Recovery = 97.14%						
Nickel,7440-02-0†	36279.0	0.4873 mg/L	0.00291	0.4873 mg/L	0.00291	0.60%
QC value within limits for Nickel,7440-02-0 Recovery = 97.45%						
Potassium,7440-09-7†	18976.8	9.2042 mg/L	0.12305	9.2042 mg/L	0.12305	1.34%
QC value within limits for Potassium,7440-09-7 Recovery = 92.04%						
Selenium,7782-49-2†	1015.3	0.4818 mg/L	0.00670	0.4818 mg/L	0.00670	1.39%
QC value within limits for Selenium,7782-49-2 Recovery = 96.37%						
Silicon,7440-21-3†	74.6	0.6080 mg/L	0.02445	0.6080 mg/L	0.02445	4.02%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 121.60%						
Silver,7440-22-4†	175030.5	0.4866 mg/L	0.00385	0.4866 mg/L	0.00385	0.79%
QC value within limits for Silver,7440-22-4 Recovery = 97.31%						
Sodium,7440-23-5†	84171.6	18.045 mg/L	0.1131	18.045 mg/L	0.1131	0.63%
QC value within limits for Sodium,7440-23-5 Recovery = 90.22%						
Strontium,7440-24-6†	136232.5	0.4890 mg/L	0.01233	0.4890 mg/L	0.01233	2.52%
QC value within limits for Strontium,7440-24-6 Recovery = 97.79%						
Thallium,7440-28-0†	3842.8	0.4956 mg/L	0.00116	0.4956 mg/L	0.00116	0.23%
QC value within limits for Thallium,7440-28-0 Recovery = 99.12%						
Tin,7440-31-5†	7047.2	0.4871 mg/L	0.00194	0.4871 mg/L	0.00194	0.40%
QC value within limits for Tin,7440-31-5 Recovery = 97.41%						
Titanium,7440-32-6†	323598.6	0.4873 mg/L	0.00092	0.4873 mg/L	0.00092	0.19%
QC value within limits for Titanium,7440-32-6 Recovery = 97.45%						
Vanadium,7440-62-2†	78883.5	0.4840 mg/L	0.00409	0.4840 mg/L	0.00409	0.85%
QC value within limits for Vanadium,7440-62-2 Recovery = 96.80%						
Zinc,7440-66-6†	121090.3	0.4868 mg/L	0.00343	0.4868 mg/L	0.00343	0.71%
QC value within limits for Zinc,7440-66-6 Recovery = 97.37%						
Zirconium,7440-67-7†	271775.1	0.4827 mg/L	0.00353	0.4827 mg/L	0.00353	0.73%
QC value within limits for Zirconium,7440-67-7 Recovery = 96.54%						

QC Failed. Continue with analysis.

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Sequence No.: 71
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:

Autosampler Location: 7
Date Collected: 7/25/2006 5:08:04 PM
Data Type: Reprocessed on 7/26/2006 8:05:09 AM

Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100199.6	101.83	%	0.285				0.28%
Ar 420.067 R	779306.7	88.602	%	0.2210				0.25%
Scandium-IS	4153536.5	104.83	%	0.582				0.56%
Yttrium,7440-65-5A	2064054.5	102.33	%	0.574				0.56%
Yttrium,7440-65-5R	39635.7	87.612	%	0.8280				0.95%
Aluminum,7429-90-5†	1187.5	4.666	mg/L	0.0388	4.666	mg/L	0.0388	0.83%
QC value within limits for Aluminum,7429-90-5 Recovery = 93.32%								
Antimony,7440-36-0†	1537.5	0.4758	mg/L	0.00884	0.4758	mg/L	0.00884	1.86%
QC value within limits for Antimony,7440-36-0 Recovery = 95.16%								
Arsenic,7440-38-2†	1796.4	0.4822	mg/L	0.00325	0.4822	mg/L	0.00325	0.67%
QC value within limits for Arsenic,7440-38-2 Recovery = 96.43%								
Barium,7440-39-3†	132615.1	0.4878	mg/L	0.00649	0.4878	mg/L	0.00649	1.33%
QC value within limits for Barium,7440-39-3 Recovery = 97.56%								
Beryllium,7440-41-7†	2486696.5	0.4823	mg/L	0.00114	0.4823	mg/L	0.00114	0.24%
QC value within limits for Beryllium,7440-41-7 Recovery = 96.47%								
Boron,7440-42-8†	176881.5	2.4041	mg/L	0.02522	2.4041	mg/L	0.02522	1.05%
QC value within limits for Boron,7440-42-8 Recovery = 96.17%								
Cadmium,7440-43-9†	180182.3	0.4864	mg/L	0.00668	0.4864	mg/L	0.00668	1.37%
QC value within limits for Cadmium,7440-43-9 Recovery = 97.28%								
Calcium,7440-70-2†	4095.1	4.848	mg/L	0.0222	4.848	mg/L	0.0222	0.46%
QC value within limits for Calcium,7440-70-2 Recovery = 96.96%								
Chromium,7440-47-3†	107221.9	0.4827	mg/L	0.00640	0.4827	mg/L	0.00640	1.33%
QC value within limits for Chromium,7440-47-3 Recovery = 96.54%								
Cobalt,7440-48-4†	38039.1	0.4818	mg/L	0.00570	0.4818	mg/L	0.00570	1.18%
QC value within limits for Cobalt,7440-48-4 Recovery = 96.36%								
Copper,7440-50-8†	219496.3	0.4792	mg/L	0.00667	0.4792	mg/L	0.00667	1.39%
QC value within limits for Copper,7440-50-8 Recovery = 95.83%								
Iron,7439-89-6†	1386.6	4.5843	mg/L	0.03478	4.5843	mg/L	0.03478	0.76%
QC value within limits for Iron,7439-89-6 Recovery = 91.69%								
Lead,7439-92-1†	7818.4	0.4838	mg/L	0.00353	0.4838	mg/L	0.00353	0.73%
QC value within limits for Lead,7439-92-1 Recovery = 96.77%								
Lithium,7439-93-2†	9061.4	0.5425	mg/L	0.00453	0.5425	mg/L	0.00453	0.84%
QC value within limits for Lithium,7439-93-2 Recovery = 108.51%								
Magnesium,7439-95-4†	428.0	4.7330	mg/L	0.05984	4.7330	mg/L	0.05984	1.26%
QC value within limits for Magnesium,7439-95-4 Recovery = 94.66%								
Manganese,7439-96-5†	561476.8	0.4972	mg/L	0.00662	0.4972	mg/L	0.00662	1.33%
QC value within limits for Manganese,7439-96-5 Recovery = 99.44%								
Molybdenum,7439-98-7†	20055.5	0.4817	mg/L	0.00325	0.4817	mg/L	0.00325	0.67%
QC value within limits for Molybdenum,7439-98-7 Recovery = 96.35%								
Nickel,7440-02-0†	36121.3	0.4852	mg/L	0.00691	0.4852	mg/L	0.00691	1.43%
QC value within limits for Nickel,7440-02-0 Recovery = 97.03%								
Potassium,7440-09-7†	18977.8	9.2047	mg/L	0.04001	9.2047	mg/L	0.04001	0.43%
QC value within limits for Potassium,7440-09-7 Recovery = 92.05%								
Selenium,7782-49-2†	1010.1	0.4794	mg/L	0.01121	0.4794	mg/L	0.01121	2.34%
QC value within limits for Selenium,7782-49-2 Recovery = 95.88%								
Silicon,7440-21-3†	73.8	0.6018	mg/L	0.02032	0.6018	mg/L	0.02032	3.38%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 120.36%								
Silver,7440-22-4†	174472.9	0.4850	mg/L	0.00678	0.4850	mg/L	0.00678	1.40%
QC value within limits for Silver,7440-22-4 Recovery = 97.00%								
Sodium,7440-23-5†	84287.4	18.070	mg/L	0.0586	18.070	mg/L	0.0586	0.32%
QC value within limits for Sodium,7440-23-5 Recovery = 90.35%								
Strontium,7440-24-6†	135247.2	0.4854	mg/L	0.00176	0.4854	mg/L	0.00176	0.36%
QC value within limits for Strontium,7440-24-6 Recovery = 97.08%								
Thallium,7440-28-0†	3807.0	0.4910	mg/L	0.00441	0.4910	mg/L	0.00441	0.90%
QC value within limits for Thallium,7440-28-0 Recovery = 98.20%								
Tin,7440-31-5†	6985.1	0.4828	mg/L	0.00311	0.4828	mg/L	0.00311	0.64%
QC value within limits for Tin,7440-31-5 Recovery = 96.56%								
Titanium,7440-32-6†	320287.3	0.4823	mg/L	0.00146	0.4823	mg/L	0.00146	0.30%
QC value within limits for Titanium,7440-32-6 Recovery = 96.45%								
Vanadium,7440-62-2†	78584.7	0.4822	mg/L	0.00669	0.4822	mg/L	0.00669	1.39%
QC value within limits for Vanadium,7440-62-2 Recovery = 96.44%								
Zinc,7440-66-6†	120450.2	0.4843	mg/L	0.00695	0.4843	mg/L	0.00695	1.44%
QC value within limits for Zinc,7440-66-6 Recovery = 96.85%								
Zirconium,7440-67-7†	271050.7	0.4814	mg/L	0.00647	0.4814	mg/L	0.00647	1.34%
QC value within limits for Zirconium,7440-67-7 Recovery = 96.28%								

QC Failed. Continue with analysis.

Sequence No.: 72
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2006 5:14:59 PM
Data Type: Reprocessed on 7/26/2006 8:05:12 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	101454.5	103.10	%	0.249				0.24%
Ar 420.067 R	781435.7	88.844	%	0.1906				0.21%
Scandium-IS	4260533.4	107.53	%	0.697				0.65%
Yttrium,7440-65-5A	2145104.4	106.35	%	0.717				0.67%
Yttrium,7440-65-5R	40536.0	89.602	%	0.3048				0.34%
Aluminum,7429-90-5†	3.2	0.012	mg/L	0.0073	0.012	mg/L	0.0073	59.41%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-16.4	-0.0051	mg/L	0.00201	-0.0051	mg/L	0.00201	39.71%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	-3.9	-0.0010	mg/L	0.00004	-0.0010	mg/L	0.00004	4.33%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	-7.6	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	159.61%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	50.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	102.33%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	2730.2	0.0371	mg/L	0.00234	0.0371	mg/L	0.00234	6.32%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	5.3	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	215.22%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	39.7	0.047	mg/L	0.0044	0.047	mg/L	0.0044	9.33%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-4.0	0.0000	mg/L	0.00013	0.0000	mg/L	0.00013	568.88%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	16.3	0.0002	mg/L	0.00009	0.0002	mg/L	0.00009	41.80%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-910.9	-0.0020	mg/L	0.00006	-0.0020	mg/L	0.00006	2.80%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	0.7	0.0024	mg/L	0.00672	0.0024	mg/L	0.00672	280.71%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	0.5	0.0000	mg/L	0.00092	0.0000	mg/L	0.00092	>999.9%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	-33.0	-0.0020	mg/L	0.00385	-0.0020	mg/L	0.00385	194.87%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	4.9	0.0542	mg/L	0.03923	0.0542	mg/L	0.03923	72.31%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	233.6	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	5.18%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	49.6	0.0012	mg/L	0.00027	0.0012	mg/L	0.00027	22.43%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	17.3	0.0002	mg/L	0.00031	0.0002	mg/L	0.00031	133.12%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	268.9	0.1305	mg/L	0.01627	0.1305	mg/L	0.01627	12.47%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	-0.1	-0.0001	mg/L	0.00492	-0.0001	mg/L	0.00492	>999.9%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	16.2	0.1308	mg/L	0.00581	0.1308	mg/L	0.00581	4.44%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	9.4	0.0000	mg/L	0.00011	0.0000	mg/L	0.00011	446.46%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-728.6	-0.1562	mg/L	0.00632	-0.1562	mg/L	0.00632	4.05%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	32.2	0.0001	mg/L	0.00016	0.0001	mg/L	0.00016	141.18%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	7.1	0.0009	mg/L	0.00117	0.0009	mg/L	0.00117	131.10%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-26.7	-0.0018	mg/L	0.00021	-0.0018	mg/L	0.00021	11.13%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								

Titanium,7440-32-6†	4.1	0.0000 mg/L	0.00011	0.0000 mg/L	0.00011	>999.9%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated						
Vanadium,7440-62-2†	-422.9	-0.0026 mg/L	0.00032	-0.0026 mg/L	0.00032	12.24%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6†	-861.4	-0.0035 mg/L	0.00009	-0.0035 mg/L	0.00009	2.70%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7†	507.9	0.0009 mg/L	0.00026	0.0009 mg/L	0.00026	29.32%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 73
Sample ID: 393048
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 67
Date Collected: 7/25/2006 5:21:31 PM
Data Type: Reprocessed on 7/26/2006 8:05:14 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 393048

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	103728.3	105.41	%	0.371				0.35%
Ar 420.067 R	793345.0	90.198	%	0.1833				0.20%
Scandium-IS	4409768.0	111.30	%	0.523				0.47%
Yttrium,7440-65-5A	2210354.5	109.59	%	0.553				0.50%
Yttrium,7440-65-5R	41847.2	92.500	%	0.6579				0.71%
Aluminum,7429-90-5†	4.5	0.018	mg/L	0.0096	0.707	mg/kg	0.3838	54.31%
Antimony,7440-36-0†	-17.3	-0.0054	mg/L	0.00100	-0.2150	mg/kg	0.03998	18.59%
Arsenic,7440-38-2†	-4.2	-0.0011	mg/L	0.00198	-0.0445	mg/kg	0.07934	178.33%
Barium,7440-39-3†	14.0	0.0001	mg/L	0.00003	0.0021	mg/kg	0.00101	48.14%
Beryllium,7440-41-7†	-89.9	0.0000	mg/L	0.00002	-0.0007	mg/kg	0.00084	120.55%
Boron,7440-42-8†	1590.3	0.0216	mg/L	0.00038	0.8633	mg/kg	0.01537	1.78%
Cadmium,7440-43-9†	25.7	0.0001	mg/L	0.00004	0.0028	mg/kg	0.00165	59.64%
Calcium,7440-70-2†	245.1	0.290	mg/L	0.0072	11.61	mg/kg	0.287	2.48%
Chromium,7440-47-3†	-40.3	-0.0002	mg/L	0.00012	-0.0075	mg/kg	0.00480	63.99%
Cobalt,7440-48-4†	30.2	0.0004	mg/L	0.00014	0.0153	mg/kg	0.00565	36.85%
Copper,7440-50-8†	-1069.8	-0.0024	mg/L	0.00008	-0.0942	mg/kg	0.00329	3.50%
Iron,7439-89-6†	-0.1	-0.0004	mg/L	0.00877	-0.0160	mg/kg	0.35074	>999.9%
Lead,7439-92-1†	-10.8	-0.0007	mg/L	0.00038	-0.0263	mg/kg	0.01534	58.23%
Lithium,7439-93-2†	-95.3	-0.0057	mg/L	0.00436	-0.2282	mg/kg	0.17450	76.45%
Magnesium,7439-95-4†	0.6	0.0071	mg/L	0.05504	0.2858	mg/kg	2.20146	770.26%
Manganese,7439-96-5†	1408.0	0.0012	mg/L	0.00001	0.0499	mg/kg	0.00022	0.45%
Molybdenum,7439-98-7†	27.8	0.0007	mg/L	0.00018	0.0267	mg/kg	0.00730	27.31%
Nickel,7440-02-0†	24.4	0.0003	mg/L	0.00021	0.0131	mg/kg	0.00835	63.59%
Potassium,7440-09-7†	321.8	0.1562	mg/L	0.04182	6.2470	mg/kg	1.67289	26.78%
Selenium,7782-49-2†	1.3	0.0006	mg/L	0.00313	0.0243	mg/kg	0.12511	514.55%
Silicon,7440-21-3†	11.6	0.0933	mg/L	0.01891	3.7327	mg/kg	0.75654	20.27%
Silver,7440-22-4†	-7.4	0.0000	mg/L	0.00020	-0.0009	mg/kg	0.00785	850.51%
Sodium,7440-23-5†	-559.7	-0.1200	mg/L	0.00356	-4.7998	mg/kg	0.14222	2.96%
Strontium,7440-24-6†	46.3	0.0002	mg/L	0.00017	0.0064	mg/kg	0.00670	104.38%
Thallium,7440-28-0†	1.5	0.0002	mg/L	0.00080	0.0075	mg/kg	0.03181	424.53%
Tin,7440-31-5†	-30.8	-0.0021	mg/L	0.00034	-0.0848	mg/kg	0.01358	16.02%
Titanium,7440-32-6†	-35.4	-0.0001	mg/L	0.00005	-0.0021	mg/kg	0.00206	96.64%
Vanadium,7440-62-2†	-403.0	-0.0025	mg/L	0.00008	-0.0989	mg/kg	0.00325	3.29%
Zinc,7440-66-6†	3176.7	0.0129	mg/L	0.00008	0.5159	mg/kg	0.00334	0.65%
Zirconium,7440-67-7†	-350.9	-0.0006	mg/L	0.00007	-0.0248	mg/kg	0.00293	11.79%

Sequence No.: 74
Sample ID: 393049
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 68
Date Collected: 7/25/2006 5:28:06 PM
Data Type: Reprocessed on 7/26/2006 8:05:16 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 393049

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	102858.9	104.53	%	0.134				0.13%

Ar 420.067 R	793127.5	90.174 %		0.3249			0.36%
Scandium-IS	4297565.8	108.46 %		0.219			0.20%
Yttrium,7440-65-5A	2133548.7	105.78 %		0.189			0.18%
Yttrium,7440-65-5R	40674.2	89.907 %		0.5914			0.66%
Aluminum,7429-90-5†	1194.5	4.694	mg/L	0.0531	187.7	mg/kg	2.12	1.13%
Antimony,7440-36-0†	1519.7	0.4703	mg/L	0.00171	18.811	mg/kg	0.0686	0.36%
Arsenic,7440-38-2†	1814.6	0.4870	mg/L	0.00343	19.481	mg/kg	0.1373	0.70%
Barium,7440-39-3†	132071.2	0.4858	mg/L	0.00343	19.432	mg/kg	0.1373	0.71%
Beryllium,7440-41-7†	2405927.2	0.4667	mg/L	0.00211	18.666	mg/kg	0.0845	0.45%
Boron,7440-42-8†	164747.3	2.2394	mg/L	0.01116	89.575	mg/kg	0.4465	0.50%
Cadmium,7440-43-9†	183418.2	0.4952	mg/L	0.00328	19.806	mg/kg	0.1312	0.66%
Calcium,7440-70-2†	4127.2	4.886	mg/L	0.0329	195.4	mg/kg	1.32	0.67%
Chromium,7440-47-3†	107027.9	0.4819	mg/L	0.00315	19.274	mg/kg	0.1262	0.65%
Cobalt,7440-48-4†	38286.4	0.4850	mg/L	0.00305	19.398	mg/kg	0.1218	0.63%
Copper,7440-50-8†	214301.5	0.4678	mg/L	0.00387	18.712	mg/kg	0.1548	0.83%
Iron,7439-89-6†	1367.6	4.5215	mg/L	0.03900	180.86	mg/kg	1.560	0.86%
Lead,7439-92-1†	7930.4	0.4908	mg/L	0.00172	19.632	mg/kg	0.0689	0.35%
Lithium,7439-93-2†	8153.6	0.4882	mg/L	0.00155	19.528	mg/kg	0.0620	0.32%
Magnesium,7439-95-4†	418.4	4.6267	mg/L	0.07785	185.07	mg/kg	3.114	1.68%
Manganese,7439-96-5†	549022.9	0.4862	mg/L	0.00313	19.447	mg/kg	0.1250	0.64%
Molybdenum,7439-98-7†	19712.5	0.4735	mg/L	0.00163	18.940	mg/kg	0.0650	0.34%
Nickel,7440-02-0†	36269.2	0.4871	mg/L	0.00334	19.486	mg/kg	0.1335	0.68%
Potassium,7440-09-7†	18969.1	9.2006	mg/L	0.06277	368.02	mg/kg	2.511	0.68%
Selenium,7782-49-2†	1016.2	0.4822	mg/L	0.00199	19.290	mg/kg	0.0795	0.41%
Silicon,7440-21-3†	33.1	0.2735	mg/L	0.00812	10.942	mg/kg	0.3248	2.97%
Silver,7440-22-4†	172858.0	0.4805	mg/L	0.00320	19.221	mg/kg	0.1281	0.67%
Sodium,7440-23-5†	83226.9	17.842	mg/L	0.1023	713.69	mg/kg	4.091	0.57%
Strontium,7440-24-6†	133863.4	0.4805	mg/L	0.00629	19.218	mg/kg	0.2517	1.31%
Thallium,7440-28-0†	3800.1	0.4900	mg/L	0.00058	19.601	mg/kg	0.0232	0.12%
Tin,7440-31-5†	6889.3	0.4762	mg/L	0.00126	19.046	mg/kg	0.0502	0.26%
Titanium,7440-32-6†	314682.8	0.4738	mg/L	0.00200	18.953	mg/kg	0.0801	0.42%
Vanadium,7440-62-2†	78432.1	0.4812	mg/L	0.00292	19.250	mg/kg	0.1168	0.61%
Zinc,7440-66-6†	121415.5	0.4882	mg/L	0.00354	19.528	mg/kg	0.1415	0.72%
Zirconium,7440-67-7†	-851.6	-0.0016	mg/L	0.00013	-0.0641	mg/kg	0.00522	8.14%

Sequence No.: 75
Sample ID: 20607210720
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 69
Date Collected: 7/25/2006 5:35:00 PM
Data Type: Reprocessed on 7/26/2006 8:05:19 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210720

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	86890.0	88.301	%	0.5249				0.59%
Ar 420.067 R	736761.2	83.765	%	0.2495				0.30%
Scandium-IS	3972218.0	100.25	%	1.031				1.03%
Yttrium,7440-65-5A	2091060.9	103.67	%	1.092				1.05%
Yttrium,7440-65-5R	41386.1	91.481	%	0.4727				0.52%
Aluminum,7429-90-5†	45746.0	179.5	mg/L	0.83	7179	mg/kg	33.4	0.47%
Antimony,7440-36-0†	-153.4	-0.0516	mg/L	0.00852	-2.0646	mg/kg	0.34090	16.51%
Arsenic,7440-38-2†	143.0	0.1008	mg/L	0.01306	4.0326	mg/kg	0.52250	12.96%
Barium,7440-39-3†	419152.0	1.5357	mg/L	0.01178	61.426	mg/kg	0.4712	0.77%
Beryllium,7440-41-7†	66304.7	0.0129	mg/L	0.00008	0.5180	mg/kg	0.00321	0.62%
Boron,7440-42-8†	-3303.1	0.0979	mg/L	0.00050	3.9180	mg/kg	0.02000	0.51%
Cadmium,7440-43-9†	349.0	-0.0086	mg/L	0.00026	-0.3421	mg/kg	0.01025	3.00%
Calcium,7440-70-2†	552260.3	654.1	mg/L	2.46	26160	mg/kg	98.4	0.38%
Chromium,7440-47-3†	48075.8	0.1911	mg/L	0.00462	7.6452	mg/kg	0.18484	2.42%
Cobalt,7440-48-4†	7622.5	0.0903	mg/L	0.00131	3.6133	mg/kg	0.05244	1.45%
Copper,7440-50-8†	76836.0	0.1391	mg/L	0.00106	5.5625	mg/kg	0.04238	0.76%
Iron,7439-89-6†	65289.9	215.84	mg/L	1.060	8633.4	mg/kg	42.39	0.49%
Lead,7439-92-1†	2086.6	0.1472	mg/L	0.00626	5.8891	mg/kg	0.25058	4.25%
Lithium,7439-93-2†	5655.7	0.3401	mg/L	0.00665	13.604	mg/kg	0.2658	1.95%
Magnesium,7439-95-4†	12672.1	140.18	mg/L	1.380	5607.3	mg/kg	55.18	0.98%
Manganese,7439-96-5†	4245028.3	3.7618	mg/L	0.02976	150.47	mg/kg	1.191	0.79%
Molybdenum,7439-98-7†	23.4	0.0013	mg/L	0.00125	0.0508	mg/kg	0.05010	98.63%
Nickel,7440-02-0†	19514.1	0.2592	mg/L	0.00475	10.368	mg/kg	0.1898	1.83%
Potassium,7440-09-7†	104169.6	50.393	mg/L	0.6635	2015.7	mg/kg	26.54	1.32%

Selenium,7782-49-2†	-442.9	-0.0692 mg/L	0.00908	-2.7688 mg/kg	0.36326	13.12%
Silicon,7440-21-3†	1816.9	15.009 mg/L	0.1203	600.36 mg/kg	4.810	0.80%
Silver,7440-22-4†	-33163.2	-0.0470 mg/L	0.00070	-1.8801 mg/kg	0.02805	1.49%
Sodium,7440-23-5†	353756.7	75.821 mg/L	0.9425	3032.8 mg/kg	37.70	1.24%
Strontium,7440-24-6†	475744.7	1.6944 mg/L	0.00898	67.777 mg/kg	0.3591	0.53%
Thallium,7440-28-0†	-156.4	-0.0113 mg/L	0.00043	-0.4516 mg/kg	0.01718	3.80%
Tin,7440-31-5†	-393.7	-0.0160 mg/L	0.00207	-0.6383 mg/kg	0.08291	12.99%
Titanium,7440-32-6†	234378.2	0.3524 mg/L	0.00431	14.096 mg/kg	0.1726	1.22%
Vanadium,7440-62-2†	37906.8	0.2208 mg/L	0.00144	8.8316 mg/kg	0.05741	0.65%
Zinc,7440-66-6†	156435.5	0.5923 mg/L	0.00485	23.694 mg/kg	0.1941	0.82%
Zirconium,7440-67-7†	69151.6	0.1270 mg/L	0.00022	5.0785 mg/kg	0.00888	0.17%

Sequence No.: 76
Sample ID: 393050
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 70
Date Collected: 7/25/2006 5:40:42 PM
Data Type: Reprocessed on 7/26/2006 8:05:21 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 393050

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	85698.4	87.090	%	0.0348				0.04%
Ar 420.067 R	729121.0	82.897	%	0.3783				0.46%
Scandium-IS	3942016.6	99.490	%	0.4173				0.42%
Yttrium,7440-65-5A	2063194.9	102.29	%	0.378				0.37%
Yttrium,7440-65-5R	40604.3	89.753	%	0.3248				0.36%
Aluminum,7429-90-5†	56802.5	222.9	mg/L	0.51	8914	mg/kg	20.6	0.23%
Antimony,7440-36-0†	-130.7	-0.0461	mg/L	0.00339	-1.8433	mg/kg	0.13556	7.35%
Arsenic,7440-38-2†	1825.5	0.5636	mg/L	0.01020	22.545	mg/kg	0.4079	1.81%
Barium,7440-39-3†	639411.1	2.3454	mg/L	0.00593	93.816	mg/kg	0.2371	0.25%
Beryllium,7440-41-7†	2382296.0	0.4622	mg/L	0.00139	18.488	mg/kg	0.0557	0.30%
Boron,7440-42-8†	57901.9	0.9523	mg/L	0.00269	38.092	mg/kg	0.1075	0.28%
Cadmium,7440-43-9†	165619.6	0.4363	mg/L	0.00126	17.453	mg/kg	0.0506	0.29%
Calcium,7440-70-2†	520110.1	616.0	mg/L	0.50	24640	mg/kg	20.2	0.08%
Chromium,7440-47-3†	154725.0	0.6658	mg/L	0.00136	26.632	mg/kg	0.0544	0.20%
Cobalt,7440-48-4†	42308.9	0.5293	mg/L	0.00091	21.171	mg/kg	0.0365	0.17%
Copper,7440-50-8†	302419.6	0.6355	mg/L	0.00228	25.419	mg/kg	0.0911	0.36%
Iron,7439-89-6†	75724.3	250.33	mg/L	0.392	10013	mg/kg	15.7	0.16%
Lead,7439-92-1†	9157.9	0.5874	mg/L	0.00435	23.497	mg/kg	0.1740	0.74%
Lithium,7439-93-2†	15329.5	0.9195	mg/L	0.00899	36.780	mg/kg	0.3595	0.98%
Magnesium,7439-95-4†	13824.3	152.94	mg/L	1.635	6117.5	mg/kg	65.41	1.07%
Manganese,7439-96-5†	6112877.3	5.4159	mg/L	0.01407	216.64	mg/kg	0.563	0.26%
Molybdenum,7439-98-7†	7366.2	0.1782	mg/L	0.00097	7.1299	mg/kg	0.03897	0.55%
Nickel,7440-02-0†	52458.2	0.7012	mg/L	0.00128	28.047	mg/kg	0.0510	0.18%
Potassium,7440-09-7†	135438.4	65.563	mg/L	0.5239	2622.5	mg/kg	20.96	0.80%
Selenium,7782-49-2†	332.5	0.3154	mg/L	0.00867	12.618	mg/kg	0.3468	2.75%
Silicon,7440-21-3†	1962.0	16.240	mg/L	0.1438	649.62	mg/kg	5.751	0.89%
Silver,7440-22-4†	96860.7	0.3210	mg/L	0.00059	12.839	mg/kg	0.0235	0.18%
Sodium,7440-23-5†	432188.0	92.630	mg/L	0.6428	3705.2	mg/kg	25.71	0.69%
Strontium,7440-24-6†	673141.5	2.4038	mg/L	0.00315	96.151	mg/kg	0.1258	0.13%
Thallium,7440-28-0†	3086.4	0.4091	mg/L	0.00140	16.366	mg/kg	0.0560	0.34%
Tin,7440-31-5†	1930.3	0.1427	mg/L	0.00250	5.7069	mg/kg	0.10007	1.75%
Titanium,7440-32-6†	357137.7	0.5371	mg/L	0.00090	21.485	mg/kg	0.0362	0.17%
Vanadium,7440-62-2†	114086.1	0.6861	mg/L	0.00229	27.445	mg/kg	0.0916	0.33%
Zinc,7440-66-6†	332173.6	1.2981	mg/L	0.00491	51.924	mg/kg	0.1963	0.38%
Zirconium,7440-67-7†	81572.9	0.1484	mg/L	0.00106	5.9365	mg/kg	0.04229	0.71%

Sequence No.: 77
Sample ID: 393051
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 71
Date Collected: 7/25/2006 5:46:40 PM
Data Type: Reprocessed on 7/26/2006 8:05:23 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 393051

Mean Corrected Calib Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	85981.3	87.378	%	0.3629				0.42%
Ar 420.067 R	722679.9	82.164	%	0.3449				0.42%
Scandium-IS	3921420.1	98.970	%	0.6086				0.61%
Yttrium,7440-65-5A	2056852.4	101.97	%	0.623				0.61%
Yttrium,7440-65-5R	39487.9	87.285	%	0.2400				0.27%
Aluminum,7429-90-5†	53586.2	210.2	mg/L	0.52	8409	mg/kg	20.9	0.25%
Antimony,7440-36-0†	-99.6	-0.0358	mg/L	0.00692	-1.4333	mg/kg	0.27673	19.31%
Arsenic,7440-38-2†	1745.0	0.5367	mg/L	0.00446	21.468	mg/kg	0.1784	0.83%
Barium,7440-39-3†	556483.2	2.0407	mg/L	0.00286	81.627	mg/kg	0.1143	0.14%
Beryllium,7440-41-7†	2233856.6	0.4334	mg/L	0.00013	17.337	mg/kg	0.0054	0.03%
Boron,7440-42-8†	55477.5	0.9062	mg/L	0.00058	36.248	mg/kg	0.0231	0.06%
Cadmium,7440-43-9†	154576.9	0.4074	mg/L	0.00147	16.295	mg/kg	0.0588	0.36%
Calcium,7440-70-2†	513351.8	608.0	mg/L	0.93	24320	mg/kg	37.1	0.15%
Chromium,7440-47-3†	144770.8	0.6228	mg/L	0.00099	24.911	mg/kg	0.0397	0.16%
Cobalt,7440-48-4†	39418.4	0.4932	mg/L	0.00371	19.727	mg/kg	0.1483	0.75%
Copper,7440-50-8†	273139.8	0.5713	mg/L	0.00126	22.850	mg/kg	0.0502	0.22%
Iron,7439-89-6†	69934.9	231.19	mg/L	0.613	9247.5	mg/kg	24.53	0.27%
Lead,7439-92-1†	8552.6	0.5492	mg/L	0.00086	21.967	mg/kg	0.0345	0.16%
Lithium,7439-93-2†	14548.7	0.8726	mg/L	0.01513	34.905	mg/kg	0.6051	1.73%
Magnesium,7439-95-4†	13096.9	144.89	mg/L	1.110	5795.4	mg/kg	44.41	0.77%
Manganese,7439-96-5†	5190183.9	4.5987	mg/L	0.00271	183.95	mg/kg	0.108	0.06%
Molybdenum,7439-98-7†	6570.5	0.1589	mg/L	0.00115	6.3561	mg/kg	0.04608	0.72%
Nickel,7440-02-0†	48532.6	0.6488	mg/L	0.00393	25.950	mg/kg	0.1571	0.61%
Potassium,7440-09-7†	126027.6	61.003	mg/L	0.4688	2440.1	mg/kg	18.75	0.77%
Selenium,7782-49-2†	303.2	0.2905	mg/L	0.01065	11.620	mg/kg	0.4258	3.66%
Silicon,7440-21-3†	1893.5	15.654	mg/L	0.1837	626.17	mg/kg	7.350	1.17%
Silver,7440-22-4†	82927.2	0.2783	mg/L	0.00041	11.132	mg/kg	0.0165	0.15%
Sodium,7440-23-5†	406348.5	87.092	mg/L	0.7060	3483.7	mg/kg	28.24	0.81%
Strontium,7440-24-6†	624469.3	2.2292	mg/L	0.00609	89.169	mg/kg	0.2436	0.27%
Thallium,7440-28-0†	2885.2	0.3809	mg/L	0.00369	15.236	mg/kg	0.1477	0.97%
Tin,7440-31-5†	1174.9	0.0907	mg/L	0.00130	3.6262	mg/kg	0.05219	1.44%
Titanium,7440-32-6†	323866.5	0.4871	mg/L	0.00985	19.484	mg/kg	0.3940	2.02%
Vanadium,7440-62-2†	99149.8	0.5957	mg/L	0.00089	23.827	mg/kg	0.0356	0.15%
Zinc,7440-66-6†	303792.5	1.1862	mg/L	0.00198	47.447	mg/kg	0.0792	0.17%
Zirconium,7440-67-7†	76771.0	0.1400	mg/L	0.00081	5.5991	mg/kg	0.03222	0.58%

Sequence No.: 78
Sample ID: 394094
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 72
Date Collected: 7/25/2006 5:52:37 PM
Data Type: Reprocessed on 7/26/2006 8:05:26 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 394094

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	86555.7	87.961	%	0.0521				0.06%
Ar 420.067 R	720169.6	81.879	%	0.3205				0.39%
Scandium-IS	3968690.4	100.16	%	0.510				0.51%
Yttrium,7440-65-5A	2092980.1	103.77	%	0.506				0.49%
Yttrium,7440-65-5R	40060.4	88.550	%	0.5972				0.67%
Aluminum,7429-90-5†	46057.7	180.7	mg/L	0.32	7228	mg/kg	12.8	0.18%
Antimony,7440-36-0†	1441.8	0.4423	mg/L	0.01119	17.690	mg/kg	0.4478	2.53%
Arsenic,7440-38-2†	1958.3	0.5866	mg/L	0.01249	23.462	mg/kg	0.4995	2.13%
Barium,7440-39-3†	534621.2	1.9605	mg/L	0.00243	78.421	mg/kg	0.0974	0.12%
Beryllium,7440-41-7†	2432775.1	0.4719	mg/L	0.00072	18.877	mg/kg	0.0289	0.15%
Boron,7440-42-8†	176783.2	2.5419	mg/L	0.00580	101.68	mg/kg	0.232	0.23%
Cadmium,7440-43-9†	168865.3	0.4466	mg/L	0.00055	17.864	mg/kg	0.0218	0.12%
Calcium,7440-70-2†	543211.7	643.4	mg/L	1.24	25730	mg/kg	49.6	0.19%
Chromium,7440-47-3†	147157.3	0.6376	mg/L	0.00348	25.505	mg/kg	0.1392	0.55%
Cobalt,7440-48-4†	41493.9	0.5194	mg/L	0.00269	20.774	mg/kg	0.1075	0.52%
Copper,7440-50-8†	294260.2	0.6143	mg/L	0.00130	24.572	mg/kg	0.0519	0.21%
Iron,7439-89-6†	65014.8	214.93	mg/L	0.659	8597.1	mg/kg	26.36	0.31%
Lead,7439-92-1†	9327.6	0.5950	mg/L	0.00505	23.798	mg/kg	0.2021	0.85%
Lithium,7439-93-2†	15144.9	0.9082	mg/L	0.01420	36.330	mg/kg	0.5679	1.56%
Magnesium,7439-95-4†	12844.8	142.09	mg/L	1.071	5683.7	mg/kg	42.85	0.75%
Manganese,7439-96-5†	4837847.2	4.2868	mg/L	0.00609	171.47	mg/kg	0.244	0.14%
Molybdenum,7439-98-7†	19443.1	0.4677	mg/L	0.00290	18.709	mg/kg	0.1158	0.62%

Nickel,7440-02-0†	50799.8	0.6794	mg/L	0.00385	27.177	mg/kg	0.1538	0.57%
Potassium,7440-09-7†	122397.8	59.238	mg/L	0.2498	2369.5	mg/kg	9.99	0.42%
Selenium,7782-49-2†	615.0	0.4289	mg/L	0.00825	17.158	mg/kg	0.3300	1.92%
Silicon,7440-21-3†	1958.2	16.144	mg/L	0.1434	645.78	mg/kg	5.737	0.89%
Silver,7440-22-4†	144775.7	0.4464	mg/L	0.00092	17.857	mg/kg	0.0366	0.21%
Sodium,7440-23-5†	431707.1	92.532	mg/L	0.3294	3701.3	mg/kg	13.18	0.36%
Strontium,7440-24-6†	599781.6	2.1399	mg/L	0.00312	85.597	mg/kg	0.1248	0.15%
Thallium,7440-28-0†	3330.7	0.4391	mg/L	0.00291	17.562	mg/kg	0.1164	0.66%
Tin,7440-31-5†	6384.9	0.4523	mg/L	0.00409	18.092	mg/kg	0.1638	0.91%
Titanium,7440-32-6†	554401.5	0.8343	mg/L	0.00532	33.372	mg/kg	0.2127	0.64%
Vanadium,7440-62-2†	113912.2	0.6875	mg/L	0.00098	27.498	mg/kg	0.0391	0.14%
Zinc,7440-66-6†	290623.6	1.1338	mg/L	0.00171	45.351	mg/kg	0.0684	0.15%
Zirconium,7440-67-7†	71383.9	0.1307	mg/L	0.00137	5.2289	mg/kg	0.05462	1.04%

Sequence No.: 79
Sample ID: 394095
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 5X

Autosampler Location: 73
Date Collected: 7/25/2006 5:58:31 PM
Data Type: Reprocessed on 7/26/2006 8:05:28 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 394095

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	94749.7	96.288	%	0.0930				0.10%
Ar 420.067 R	748716.4	85.124	%	0.1195				0.14%
Scandium-IS	4063436.8	102.55	%	0.605				0.59%
Yttrium,7440-65-5A	2033396.3	100.81	%	0.603				0.60%
Yttrium,7440-65-5R	37973.0	83.936	%	1.2541				1.49%
Aluminum,7429-90-5†	7727.9	30.32	mg/L	0.594	6064	mg/kg	118.9	1.96%
Antimony,7440-36-0†	-31.8	-0.0106	mg/L	0.00391	-2.1188	mg/kg	0.78116	36.87%
Arsenic,7440-38-2†	-0.3	0.0107	mg/L	0.00220	2.1319	mg/kg	0.43952	20.62%
Barium,7440-39-3†	72557.5	0.2658	mg/L	0.00226	53.167	mg/kg	0.4517	0.85%
Beryllium,7440-41-7†	11969.8	0.0023	mg/L	0.00001	0.4669	mg/kg	0.00264	0.56%
Boron,7440-42-8†	2849.9	0.0635	mg/L	0.00330	12.700	mg/kg	0.6598	5.20%
Cadmium,7440-43-9†	62.5	-0.0015	mg/L	0.00004	-0.2966	mg/kg	0.00739	2.49%
Calcium,7440-70-2†	95281.7	112.8	mg/L	0.98	22570	mg/kg	195.1	0.86%
Chromium,7440-47-3†	8532.0	0.0341	mg/L	0.00063	6.8227	mg/kg	0.12544	1.84%
Cobalt,7440-48-4†	1327.9	0.0157	mg/L	0.00033	3.1478	mg/kg	0.06573	2.09%
Copper,7440-50-8†	12747.7	0.0229	mg/L	0.00013	4.5764	mg/kg	0.02654	0.58%
Iron,7439-89-6†	11333.0	37.465	mg/L	0.3024	7492.9	mg/kg	60.49	0.81%
Lead,7439-92-1†	367.0	0.0258	mg/L	0.00096	5.1537	mg/kg	0.19273	3.74%
Lithium,7439-93-2†	1167.1	0.0701	mg/L	0.00628	14.027	mg/kg	1.2556	8.95%
Magnesium,7439-95-4†	2186.3	24.186	mg/L	0.4184	4837.2	mg/kg	83.68	1.73%
Manganese,7439-96-5†	759396.1	0.6729	mg/L	0.00606	134.59	mg/kg	1.211	0.90%
Molybdenum,7439-98-7†	94.0	0.0024	mg/L	0.00037	0.4766	mg/kg	0.07350	15.42%
Nickel,7440-02-0†	3468.3	0.0461	mg/L	0.00068	9.2161	mg/kg	0.13579	1.47%
Potassium,7440-09-7†	16186.3	7.8272	mg/L	0.06717	1565.4	mg/kg	13.43	0.86%
Selenium,7782-49-2†	-94.0	-0.0201	mg/L	0.00144	-4.0244	mg/kg	0.28742	7.14%
Silicon,7440-21-3†	354.6	2.9207	mg/L	0.05839	584.15	mg/kg	11.677	2.00%
Silver,7440-22-4†	-5500.6	-0.0075	mg/L	0.00050	-1.4917	mg/kg	0.09909	6.64%
Sodium,7440-23-5†	55223.0	11.836	mg/L	0.0929	2367.2	mg/kg	18.58	0.78%
Strontium,7440-24-6†	81318.6	0.2896	mg/L	0.00646	57.920	mg/kg	1.2919	2.23%
Thallium,7440-28-0†	-8.4	0.0005	mg/L	0.00143	0.0931	mg/kg	0.28583	306.92%
Tin,7440-31-5†	-239.9	-0.0146	mg/L	0.00127	-2.9259	mg/kg	0.25481	8.71%
Titanium,7440-32-6†	42846.7	0.0644	mg/L	0.00205	12.886	mg/kg	0.4107	3.19%
Vanadium,7440-62-2†	5078.0	0.0291	mg/L	0.00042	5.8203	mg/kg	0.08371	1.44%
Zinc,7440-66-6†	34567.2	0.1329	mg/L	0.00119	26.587	mg/kg	0.2377	0.89%
Zirconium,7440-67-7†	7998.6	0.0149	mg/L	0.00055	2.9831	mg/kg	0.10911	3.66%

Sequence No.: 80
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 74
Date Collected: 7/25/2006 6:05:13 PM
Data Type: Reprocessed on 7/26/2006 8:05:31 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	103016.7	104.69	%	0.329				0.31%
Ar 420.067 R	777666.0	88.416	%	0.2890				0.33%
Scandium-IS	4296165.9	108.43	%	0.425				0.39%
Yttrium,7440-65-5A	2162368.8	107.21	%	0.398				0.37%
Yttrium,7440-65-5R	39496.1	87.303	%	0.8959				1.03%
Aluminum,7429-90-5†	4.5	0.018	mg/L	0.0114	0.018	mg/L	0.0114	65.32%
Antimony,7440-36-0†	-16.7	-0.0052	mg/L	0.00313	-0.0052	mg/L	0.00313	60.55%
Arsenic,7440-38-2†	0.2	0.0000	mg/L	0.00144	0.0000	mg/L	0.00144	>999.9%
Barium,7440-39-3†	-21.8	-0.0001	mg/L	0.00008	-0.0001	mg/L	0.00008	105.77%
Beryllium,7440-41-7†	-67.7	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	57.76%
Boron,7440-42-8†	1706.8	0.0232	mg/L	0.00032	0.0232	mg/L	0.00032	1.37%
Cadmium,7440-43-9†	16.2	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	61.12%
Calcium,7440-70-2†	5.5	0.006	mg/L	0.0051	0.006	mg/L	0.0051	79.23%
Chromium,7440-47-3†	-75.3	-0.0003	mg/L	0.00003	-0.0003	mg/L	0.00003	9.50%
Cobalt,7440-48-4†	34.9	0.0004	mg/L	0.00010	0.0004	mg/L	0.00010	23.62%
Copper,7440-50-8†	-1032.3	-0.0023	mg/L	0.00017	-0.0023	mg/L	0.00017	7.64%
Iron,7439-89-6†	-0.3	-0.0009	mg/L	0.00518	-0.0009	mg/L	0.00518	597.04%
Lead,7439-92-1†	-1.1	-0.0001	mg/L	0.00135	-0.0001	mg/L	0.00135	>999.9%
Lithium,7439-93-2†	70.3	0.0042	mg/L	0.00188	0.0042	mg/L	0.00188	44.72%
Magnesium,7439-95-4†	3.1	0.0347	mg/L	0.00600	0.0347	mg/L	0.00600	17.31%
Manganese,7439-96-5†	-232.2	-0.0002	mg/L	0.00004	-0.0002	mg/L	0.00004	18.07%
Molybdenum,7439-98-7†	29.5	0.0007	mg/L	0.00013	0.0007	mg/L	0.00013	17.95%
Nickel,7440-02-0†	10.0	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	87.85%
Potassium,7440-09-7†	271.2	0.1317	mg/L	0.01821	0.1317	mg/L	0.01821	13.83%
Selenium,7782-49-2†	0.8	0.0004	mg/L	0.00187	0.0004	mg/L	0.00187	491.11%
Silicon,7440-21-3†	20.2	0.1623	mg/L	0.01016	0.1623	mg/L	0.01016	6.26%
Silver,7440-22-4†	32.3	0.0001	mg/L	0.00013	0.0001	mg/L	0.00013	156.09%
Sodium,7440-23-5†	-337.2	-0.0723	mg/L	0.00862	-0.0723	mg/L	0.00862	11.93%
Strontium,7440-24-6†	25.1	0.0001	mg/L	0.00011	0.0001	mg/L	0.00011	117.91%
Thallium,7440-28-0†	5.7	0.0007	mg/L	0.00059	0.0007	mg/L	0.00059	83.30%
Tin,7440-31-5†	-57.6	-0.0040	mg/L	0.00051	-0.0040	mg/L	0.00051	12.84%
Titanium,7440-32-6†	-17.8	0.0000	mg/L	0.00025	0.0000	mg/L	0.00025	923.99%
Vanadium,7440-62-2†	-585.2	-0.0036	mg/L	0.00009	-0.0036	mg/L	0.00009	2.55%
Zinc,7440-66-6†	-1070.5	-0.0043	mg/L	0.00004	-0.0043	mg/L	0.00004	1.03%
Zirconium,7440-67-7†	-217.7	-0.0004	mg/L	0.00014	-0.0004	mg/L	0.00014	36.77%

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Sequence No.: 81
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 75
Date Collected: 7/25/2006 6:11:49 PM
Data Type: Reprocessed on 7/26/2006 8:05:33 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	102828.7	104.50	%	0.252				0.24%
Ar 420.067 R	779388.2	88.612	%	0.1335				0.15%
Scandium-IS	4315296.2	108.91	%	0.690				0.63%
Yttrium,7440-65-5A	2164596.0	107.32	%	0.661				0.62%
Yttrium,7440-65-5R	39829.0	88.039	%	0.7806				0.89%
Aluminum,7429-90-5†	7.9	0.031	mg/L	0.0090	0.031	mg/L	0.0090	29.12%
Antimony,7440-36-0†	-14.7	-0.0046	mg/L	0.00217	-0.0046	mg/L	0.00217	47.61%
Arsenic,7440-38-2†	-0.6	-0.0002	mg/L	0.00213	-0.0002	mg/L	0.00213	>999.9%
Barium,7440-39-3†	-30.3	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	19.07%
Beryllium,7440-41-7†	-48.2	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	350.20%
Boron,7440-42-8†	1172.0	0.0159	mg/L	0.00030	0.0159	mg/L	0.00030	1.88%
Cadmium,7440-43-9†	13.2	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	140.39%
Calcium,7440-70-2†	-11.2	-0.013	mg/L	0.0027	-0.013	mg/L	0.0027	20.40%
Chromium,7440-47-3†	-71.4	-0.0003	mg/L	0.00007	-0.0003	mg/L	0.00007	21.83%
Cobalt,7440-48-4†	24.7	0.0003	mg/L	0.00025	0.0003	mg/L	0.00025	78.32%
Copper,7440-50-8†	-979.1	-0.0021	mg/L	0.00003	-0.0021	mg/L	0.00003	1.31%
Iron,7439-89-6†	4.4	0.0144	mg/L	0.02079	0.0144	mg/L	0.02079	144.23%
Lead,7439-92-1†	-2.3	-0.0001	mg/L	0.00050	-0.0001	mg/L	0.00050	366.62%
Lithium,7439-93-2†	62.5	0.0037	mg/L	0.00645	0.0037	mg/L	0.00645	172.20%
Magnesium,7439-95-4†	3.8	0.0421	mg/L	0.04206	0.0421	mg/L	0.04206	100.00%

Manganese,7439-96-5†	-436.5	-0.0004 mg/L	0.00001	-0.0004 mg/L	0.00001	2.67%
Molybdenum,7439-98-7†	33.7	0.0008 mg/L	0.00023	0.0008 mg/L	0.00023	28.14%
Nickel,7440-02-0†	14.4	0.0002 mg/L	0.00021	0.0002 mg/L	0.00021	108.30%
Potassium,7440-09-7†	228.8	0.1111 mg/L	0.02654	0.1111 mg/L	0.02654	23.90%
Selenium,7782-49-2†	-7.6	-0.0036 mg/L	0.00068	-0.0036 mg/L	0.00068	18.83%
Silicon,7440-21-3†	18.8	0.1511 mg/L	0.01264	0.1511 mg/L	0.01264	8.36%
Silver,7440-22-4†	-8.9	0.0000 mg/L	0.00032	0.0000 mg/L	0.00032	>999.9%
Sodium,7440-23-5†	-451.2	-0.0967 mg/L	0.00150	-0.0967 mg/L	0.00150	1.55%
Strontium,7440-24-6†	26.0	0.0001 mg/L	0.00003	0.0001 mg/L	0.00003	28.46%
Thallium,7440-28-0†	6.1	0.0008 mg/L	0.00099	0.0008 mg/L	0.00099	130.62%
Tin,7440-31-5†	-71.7	-0.0050 mg/L	0.00012	-0.0050 mg/L	0.00012	2.42%
Titanium,7440-32-6†	6.8	0.0000 mg/L	0.00006	0.0000 mg/L	0.00006	611.58%
Vanadium,7440-62-2†	-642.4	-0.0039 mg/L	0.00025	-0.0039 mg/L	0.00025	6.22%
Zinc,7440-66-6†	-1333.9	-0.0054 mg/L	0.00005	-0.0054 mg/L	0.00005	1.01%
Zirconium,7440-67-7†	-218.6	-0.0004 mg/L	0.00004	-0.0004 mg/L	0.00004	9.50%

Sequence No.: 82
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 76
Date Collected: 7/25/2006 6:18:25 PM
Data Type: Reprocessed on 7/26/2006 8:05:35 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	104719.9	106.42	%	0.096				0.09%
Ar 420.067 R	791998.9	90.045	%	0.1074				0.12%
Scandium-IS	4304055.1	108.63	%	0.760				0.70%
Yttrium,7440-65-5A	2169214.4	107.55	%	0.734				0.68%
Yttrium,7440-65-5R	39612.6	87.561	%	0.6062				0.69%
Aluminum,7429-90-5†	9.8	0.038	mg/L	0.0243	0.038	mg/L	0.0243	63.44%
Antimony,7440-36-0†	-10.4	-0.0032	mg/L	0.00158	-0.0032	mg/L	0.00158	49.17%
Arsenic,7440-38-2†	-11.5	-0.0031	mg/L	0.00273	-0.0031	mg/L	0.00273	88.53%
Barium,7440-39-3†	-18.3	-0.0001	mg/L	0.00000	-0.0001	mg/L	0.00000	5.89%
Beryllium,7440-41-7†	-143.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	54.41%
Boron,7440-42-8†	867.5	0.0118	mg/L	0.00029	0.0118	mg/L	0.00029	2.43%
Cadmium,7440-43-9†	-29.0	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	23.24%
Calcium,7440-70-2†	-18.7	-0.022	mg/L	0.0056	-0.022	mg/L	0.0056	25.04%
Chromium,7440-47-3†	-47.8	-0.0002	mg/L	0.00007	-0.0002	mg/L	0.00007	32.69%
Cobalt,7440-48-4†	4.8	0.0001	mg/L	0.00017	0.0001	mg/L	0.00017	282.85%
Copper,7440-50-8†	-939.9	-0.0021	mg/L	0.00013	-0.0021	mg/L	0.00013	6.14%
Iron,7439-89-6†	-1.0	-0.0032	mg/L	0.00450	-0.0032	mg/L	0.00450	142.29%
Lead,7439-92-1†	2.3	0.0001	mg/L	0.00044	0.0001	mg/L	0.00044	295.70%
Lithium,7439-93-2†	84.0	0.0050	mg/L	0.00509	0.0050	mg/L	0.00509	101.15%
Magnesium,7439-95-4†	4.5	0.0499	mg/L	0.02357	0.0499	mg/L	0.02357	47.26%
Manganese,7439-96-5†	-412.0	-0.0004	mg/L	0.00002	-0.0004	mg/L	0.00002	4.44%
Molybdenum,7439-98-7†	24.1	0.0006	mg/L	0.00031	0.0006	mg/L	0.00031	53.49%
Nickel,7440-02-0†	-17.7	-0.0002	mg/L	0.00025	-0.0002	mg/L	0.00025	106.71%
Potassium,7440-09-7†	226.0	0.1097	mg/L	0.02961	0.1097	mg/L	0.02961	26.99%
Selenium,7782-49-2†	-14.1	-0.0067	mg/L	0.00195	-0.0067	mg/L	0.00195	29.26%
Silicon,7440-21-3†	20.0	0.1607	mg/L	0.03304	0.1607	mg/L	0.03304	20.56%
Silver,7440-22-4†	27.7	0.0001	mg/L	0.00037	0.0001	mg/L	0.00037	500.86%
Sodium,7440-23-5†	-499.3	-0.1070	mg/L	0.00561	-0.1070	mg/L	0.00561	5.24%
Strontium,7440-24-6†	97.3	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	21.62%
Thallium,7440-28-0†	6.4	0.0008	mg/L	0.00160	0.0008	mg/L	0.00160	198.78%
Tin,7440-31-5†	-65.1	-0.0045	mg/L	0.00073	-0.0045	mg/L	0.00073	16.18%
Titanium,7440-32-6†	-140.5	-0.0002	mg/L	0.00015	-0.0002	mg/L	0.00015	72.30%
Vanadium,7440-62-2†	-491.0	-0.0030	mg/L	0.00019	-0.0030	mg/L	0.00019	6.22%
Zinc,7440-66-6†	-1452.1	-0.0059	mg/L	0.00004	-0.0059	mg/L	0.00004	0.60%
Zirconium,7440-67-7†	-259.6	-0.0005	mg/L	0.00019	-0.0005	mg/L	0.00019	41.16%

Sequence No.: 83
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/25/2006 6:25:01 PM
Data Type: Reprocessed on 7/26/2006 8:05:37 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100728.8	102.36	%	0.291				0.28%
Ar 420.067 R	767632.3	87.275	%	0.2526				0.29%
Scandium-IS	4207667.6	106.19	%	0.356				0.34%
Yttrium,7440-65-5A	2094182.4	103.83	%	0.301				0.29%
Yttrium,7440-65-5R	37623.1	83.163	%	0.6945				0.84%
Aluminum,7429-90-5†	1191.2	4.681	mg/L	0.0425	4.681	mg/L	0.0425	0.91%
QC value within limits for Aluminum,7429-90-5 Recovery = 93.62%								
Antimony,7440-36-0†	1552.0	0.4803	mg/L	0.00233	0.4803	mg/L	0.00233	0.48%
QC value within limits for Antimony,7440-36-0 Recovery = 96.06%								
Arsenic,7440-38-2†	1742.6	0.4678	mg/L	0.00156	0.4678	mg/L	0.00156	0.33%
QC value within limits for Arsenic,7440-38-2 Recovery = 93.56%								
Barium,7440-39-3†	131633.3	0.4842	mg/L	0.00428	0.4842	mg/L	0.00428	0.88%
QC value within limits for Barium,7440-39-3 Recovery = 96.84%								
Beryllium,7440-41-7†	2479410.9	0.4809	mg/L	0.00090	0.4809	mg/L	0.00090	0.19%
QC value within limits for Beryllium,7440-41-7 Recovery = 96.18%								
Boron,7440-42-8†	176487.1	2.3988	mg/L	0.01737	2.3988	mg/L	0.01737	0.72%
QC value within limits for Boron,7440-42-8 Recovery = 95.95%								
Cadmium,7440-43-9†	179192.1	0.4837	mg/L	0.00512	0.4837	mg/L	0.00512	1.06%
QC value within limits for Cadmium,7440-43-9 Recovery = 96.75%								
Calcium,7440-70-2†	4134.2	4.895	mg/L	0.0457	4.895	mg/L	0.0457	0.93%
QC value within limits for Calcium,7440-70-2 Recovery = 97.89%								
Chromium,7440-47-3†	106537.9	0.4796	mg/L	0.00419	0.4796	mg/L	0.00419	0.87%
QC value within limits for Chromium,7440-47-3 Recovery = 95.93%								
Cobalt,7440-48-4†	37841.1	0.4793	mg/L	0.00404	0.4793	mg/L	0.00404	0.84%
QC value within limits for Cobalt,7440-48-4 Recovery = 95.86%								
Copper,7440-50-8†	218246.1	0.4764	mg/L	0.00369	0.4764	mg/L	0.00369	0.78%
QC value within limits for Copper,7440-50-8 Recovery = 95.29%								
Iron,7439-89-6†	1402.3	4.6362	mg/L	0.04826	4.6362	mg/L	0.04826	1.04%
QC value within limits for Iron,7439-89-6 Recovery = 92.72%								
Lead,7439-92-1†	7736.1	0.4788	mg/L	0.00404	0.4788	mg/L	0.00404	0.84%
QC value within limits for Lead,7439-92-1 Recovery = 95.75%								
Lithium,7439-93-2†	9209.5	0.5514	mg/L	0.00354	0.5514	mg/L	0.00354	0.64%
QC value within limits for Lithium,7439-93-2 Recovery = 110.28%								
Magnesium,7439-95-4†	425.4	4.7047	mg/L	0.06822	4.7047	mg/L	0.06822	1.45%
QC value within limits for Magnesium,7439-95-4 Recovery = 94.09%								
Manganese,7439-96-5†	557843.9	0.4940	mg/L	0.00423	0.4940	mg/L	0.00423	0.86%
QC value within limits for Manganese,7439-96-5 Recovery = 98.80%								
Molybdenum,7439-98-7†	19828.8	0.4763	mg/L	0.00360	0.4763	mg/L	0.00360	0.75%
QC value within limits for Molybdenum,7439-98-7 Recovery = 95.26%								
Nickel,7440-02-0†	35951.8	0.4829	mg/L	0.00437	0.4829	mg/L	0.00437	0.90%
QC value within limits for Nickel,7440-02-0 Recovery = 96.57%								
Potassium,7440-09-7†	18315.8	8.8834	mg/L	0.01395	8.8834	mg/L	0.01395	0.16%
QC value less than the lower limit for Potassium,7440-09-7 Recovery = 88.83%								
Selenium,7782-49-2†	1011.1	0.4799	mg/L	0.00213	0.4799	mg/L	0.00213	0.44%
QC value within limits for Selenium,7782-49-2 Recovery = 95.97%								
Silicon,7440-21-3†	77.7	0.6331	mg/L	0.01066	0.6331	mg/L	0.01066	1.68%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 126.61%								
Silver,7440-22-4†	173112.5	0.4812	mg/L	0.00399	0.4812	mg/L	0.00399	0.83%
QC value within limits for Silver,7440-22-4 Recovery = 96.25%								
Sodium,7440-23-5†	82154.3	17.612	mg/L	0.0429	17.612	mg/L	0.0429	0.24%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 88.06%								
Strontium,7440-24-6†	138621.7	0.4975	mg/L	0.00311	0.4975	mg/L	0.00311	0.63%
QC value within limits for Strontium,7440-24-6 Recovery = 99.51%								
Thallium,7440-28-0†	3755.6	0.4844	mg/L	0.00259	0.4844	mg/L	0.00259	0.53%
QC value within limits for Thallium,7440-28-0 Recovery = 96.88%								
Tin,7440-31-5†	6914.1	0.4779	mg/L	0.00395	0.4779	mg/L	0.00395	0.83%
QC value within limits for Tin,7440-31-5 Recovery = 95.57%								
Titanium,7440-32-6†	319238.5	0.4807	mg/L	0.00065	0.4807	mg/L	0.00065	0.14%
QC value within limits for Titanium,7440-32-6 Recovery = 96.14%								
Vanadium,7440-62-2†	77388.0	0.4748	mg/L	0.00472	0.4748	mg/L	0.00472	0.99%
QC value within limits for Vanadium,7440-62-2 Recovery = 94.97%								
Zinc,7440-66-6†	119631.0	0.4810	mg/L	0.00446	0.4810	mg/L	0.00446	0.93%
QC value within limits for Zinc,7440-66-6 Recovery = 96.19%								
Zirconium,7440-67-7†	269265.2	0.4782	mg/L	0.00410	0.4782	mg/L	0.00410	0.86%
QC value within limits for Zirconium,7440-67-7 Recovery = 95.65%								

QC Failed. Continue with analysis.

Sequence No.: 84
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2006 6:31:56 PM
Data Type: Reprocessed on 7/26/2006 8:05:40 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	102535.7	104.20	%	0.181				0.17%
Ar 420.067 R	776732.8	88.310	%	0.1485				0.17%
Scandium-IS	4272801.9	107.84	%	0.341				0.32%
Yttrium,7440-65-5A	2155945.1	106.89	%	0.289				0.27%
Yttrium,7440-65-5R	39510.0	87.334	%	0.8025				0.92%
Aluminum,7429-90-5†	1.6	0.006	mg/L	0.0108	0.006	mg/L	0.0108	169.00%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-5.5	-0.0017	mg/L	0.00036	-0.0017	mg/L	0.00036	21.28%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	2.3	0.0006	mg/L	0.00131	0.0006	mg/L	0.00131	220.66%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	-4.3	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	193.24%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	18.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	285.42%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	2850.0	0.0387	mg/L	0.00202	0.0387	mg/L	0.00202	5.21%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	-0.0	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	>999.9%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	6.1	0.007	mg/L	0.0011	0.007	mg/L	0.0011	15.31%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-5.5	0.0000	mg/L	0.00011	0.0000	mg/L	0.00011	357.93%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	13.0	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	12.02%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-763.3	-0.0017	mg/L	0.00006	-0.0017	mg/L	0.00006	3.83%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	1.7	0.0056	mg/L	0.00229	0.0056	mg/L	0.00229	40.82%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	-2.3	-0.0001	mg/L	0.00109	-0.0001	mg/L	0.00109	792.50%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	103.8	0.0062	mg/L	0.00409	0.0062	mg/L	0.00409	65.83%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	1.2	0.0135	mg/L	0.04758	0.0135	mg/L	0.04758	351.61%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	295.6	0.0003	mg/L	0.00000	0.0003	mg/L	0.00000	1.49%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	32.9	0.0008	mg/L	0.00042	0.0008	mg/L	0.00042	52.60%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	18.5	0.0002	mg/L	0.00009	0.0002	mg/L	0.00009	36.56%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	71.6	0.0348	mg/L	0.03770	0.0348	mg/L	0.03770	108.40%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	2.4	0.0011	mg/L	0.00174	0.0011	mg/L	0.00174	153.60%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	19.2	0.1548	mg/L	0.01588	0.1548	mg/L	0.01588	10.26%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	54.2	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	44.58%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-672.7	-0.1442	mg/L	0.00384	-0.1442	mg/L	0.00384	2.66%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	145.1	0.0005	mg/L	0.00018	0.0005	mg/L	0.00018	34.98%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	11.2	0.0014	mg/L	0.00065	0.0014	mg/L	0.00065	46.17%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-28.3	-0.0020	mg/L	0.00066	-0.0020	mg/L	0.00066	33.78%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6†	158.1	0.0002	mg/L	0.00020	0.0002	mg/L	0.00020	83.37%

QC value within limits for Titanium,7440-32-6 Recovery = Not calculated
Vanadium,7440-62-2† -522.9 -0.0032 mg/L 0.00034 -0.0032 mg/L 0.00034 10.52%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated
Zinc,7440-66-6† -952.5 -0.0039 mg/L 0.00013 -0.0039 mg/L 0.00013 3.23%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated
Zirconium,7440-67-7† 424.0 0.0008 mg/L 0.00020 0.0008 mg/L 0.00020 26.82%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated
QC Failed. Continue with analysis.

Sequence No.: 85
Sample ID: 20607210723
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 77
Date Collected: 7/25/2006 6:38:30 PM
Data Type: Reprocessed on 7/26/2006 8:05:43 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210723

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	89643.7	91.100	%	0.3555				0.39%
Ar 420.067 R	735812.9	83.657	%	0.2722				0.33%
Scandium-IS	3985399.0	100.59	%	0.892				0.89%
Yttrium,7440-65-5A	2073165.5	102.78	%	0.983				0.96%
Yttrium,7440-65-5R	39966.9	88.344	%	0.7048				0.80%
Aluminum,7429-90-5†	35282.7	138.4	mg/L	0.20	5493	mg/kg	8.0	0.15%
Antimony,7440-36-0†	-74.2	-0.0252	mg/L	0.01501	-1.0014	mg/kg	0.59568	59.48%
Arsenic,7440-38-2†	-55.4	0.0298	mg/L	0.00517	1.1810	mg/kg	0.20512	17.37%
Barium,7440-39-3†	366053.9	1.3423	mg/L	0.00057	53.266	mg/kg	0.0226	0.04%
Beryllium,7440-41-7†	49632.0	0.0096	mg/L	0.00002	0.3799	mg/kg	0.00084	0.22%
Boron,7440-42-8†	-1171.0	0.0793	mg/L	0.00148	3.1463	mg/kg	0.05874	1.87%
Cadmium,7440-43-9†	962.7	-0.0039	mg/L	0.00010	-0.1540	mg/kg	0.00394	2.56%
Calcium,7440-70-2†	462591.4	547.9	mg/L	0.65	21740	mg/kg	25.7	0.12%
Chromium,7440-47-3†	39991.8	0.1601	mg/L	0.00175	6.3539	mg/kg	0.06956	1.09%
Cobalt,7440-48-4†	6131.8	0.0735	mg/L	0.00053	2.9170	mg/kg	0.02095	0.72%
Copper,7440-50-8†	55494.2	0.0946	mg/L	0.00046	3.7557	mg/kg	0.01827	0.49%
Iron,7439-89-6†	44437.0	146.90	mg/L	0.568	5829.4	mg/kg	22.53	0.39%
Lead,7439-92-1†	1726.3	0.1213	mg/L	0.00295	4.8136	mg/kg	0.11724	2.44%
Lithium,7439-93-2†	4506.4	0.2710	mg/L	0.00369	10.753	mg/kg	0.1465	1.36%
Magnesium,7439-95-4†	10522.4	116.38	mg/L	0.661	4618.2	mg/kg	26.22	0.57%
Manganese,7439-96-5†	4424633.8	3.9208	mg/L	0.00445	155.59	mg/kg	0.177	0.11%
Molybdenum,7439-98-7†	25.5	0.0009	mg/L	0.00099	0.0373	mg/kg	0.03942	105.76%
Nickel,7440-02-0†	15128.4	0.2010	mg/L	0.00108	7.9771	mg/kg	0.04290	0.54%
Potassium,7440-09-7†	79530.2	38.466	mg/L	0.3081	1526.4	mg/kg	12.23	0.80%
Selenium,7782-49-2†	-299.1	-0.0459	mg/L	0.00605	-1.8218	mg/kg	0.23999	13.17%
Silicon,7440-21-3†	736.0	6.1787	mg/L	0.03893	245.19	mg/kg	1.545	0.63%
Silver,7440-22-4†	-22139.5	-0.0311	mg/L	0.00053	-1.2334	mg/kg	0.02108	1.71%
Sodium,7440-23-5†	310063.1	66.456	mg/L	0.6452	2637.1	mg/kg	25.60	0.97%
Strontium,7440-24-6†	283749.9	1.0074	mg/L	0.00146	39.976	mg/kg	0.0578	0.14%
Thallium,7440-28-0†	-117.7	-0.0061	mg/L	0.00284	-0.2415	mg/kg	0.11273	46.68%
Tin,7440-31-5†	-376.8	-0.0155	mg/L	0.00091	-0.6161	mg/kg	0.03611	5.86%
Titanium,7440-32-6†	101028.1	0.1517	mg/L	0.00123	6.0218	mg/kg	0.04869	0.81%
Vanadium,7440-62-2†	29676.9	0.1747	mg/L	0.00077	6.9325	mg/kg	0.03055	0.44%
Zinc,7440-66-6†	115208.1	0.4350	mg/L	0.00046	17.264	mg/kg	0.0182	0.11%
Zirconium,7440-67-7†	35460.8	0.0665	mg/L	0.00086	2.6391	mg/kg	0.03412	1.29%

Sequence No.: 86
Sample ID: 20607210724
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 78
Date Collected: 7/25/2006 6:44:12 PM
Data Type: Reprocessed on 7/26/2006 8:05:45 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210724

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	86785.8	88.195	%	0.3767				0.43%
Ar 420.067 R	718297.4	81.666	%	0.2022				0.25%

Scandium-IS	4003479.7	101.04 %	0.686				0.68%
Yttrium,7440-65-5A	2107396.2	104.48 %	0.722				0.69%
Yttrium,7440-65-5R	39810.8	87.999 %	0.5540				0.63%
Aluminum,7429-90-5†	45086.9	176.9 mg/L	0.22	7019	mg/kg	8.6	0.12%
Antimony,7440-36-0†	-63.5	-0.0220 mg/L	0.00386	-0.8725	mg/kg	0.15313	17.55%
Arsenic,7440-38-2†	-12.6	0.0512 mg/L	0.00265	2.0299	mg/kg	0.10501	5.17%
Barium,7440-39-3†	382625.2	1.4022 mg/L	0.00437	55.642	mg/kg	0.1735	0.31%
Beryllium,7440-41-7†	65635.8	0.0127 mg/L	0.00003	0.5056	mg/kg	0.00099	0.20%
Boron,7440-42-8†	-3883.0	0.0599 mg/L	0.00202	2.3768	mg/kg	0.08026	3.38%
Cadmium,7440-43-9†	601.2	-0.0060 mg/L	0.00016	-0.2392	mg/kg	0.00648	2.71%
Calcium,7440-70-2†	586013.8	694.1 mg/L	1.43	27540	mg/kg	56.6	0.21%
Chromium,7440-47-3†	48448.4	0.1929 mg/L	0.00009	7.6560	mg/kg	0.00358	0.05%
Cobalt,7440-48-4†	7932.5	0.0954 mg/L	0.00033	3.7864	mg/kg	0.01293	0.34%
Copper,7440-50-8†	80911.0	0.1429 mg/L	0.00017	5.6723	mg/kg	0.00678	0.12%
Iron,7439-89-6†	52894.3	174.86 mg/L	0.529	6938.8	mg/kg	20.98	0.30%
Lead,7439-92-1†	2221.5	0.1562 mg/L	0.00275	6.1986	mg/kg	0.10912	1.76%
Lithium,7439-93-2†	6052.7	0.3637 mg/L	0.00465	14.434	mg/kg	0.1846	1.28%
Magnesium,7439-95-4†	12969.7	143.44 mg/L	1.592	5692.2	mg/kg	63.18	1.11%
Manganese,7439-96-5†	4362867.6	3.8665 mg/L	0.00869	153.43	mg/kg	0.345	0.22%
Molybdenum,7439-98-7†	-3.6	0.0002 mg/L	0.00071	0.0060	mg/kg	0.02802	469.34%
Nickel,7440-02-0†	18443.4	0.2452 mg/L	0.00055	9.7296	mg/kg	0.02164	0.22%
Potassium,7440-09-7†	92099.8	44.535 mg/L	0.4260	1767.2	mg/kg	16.90	0.96%
Selenium,7782-49-2†	-360.1	-0.0551 mg/L	0.00355	-2.1867	mg/kg	0.14088	6.44%
Silicon,7440-21-3†	1151.0	9.5674 mg/L	0.10084	379.66	mg/kg	4.001	1.05%
Silver,7440-22-4†	-26903.7	-0.0385 mg/L	0.00015	-1.5270	mg/kg	0.00600	0.39%
Sodium,7440-23-5†	403446.4	86.470 mg/L	0.8154	3431.4	mg/kg	32.36	0.94%
Strontium,7440-24-6†	366993.2	1.3032 mg/L	0.00215	51.716	mg/kg	0.0854	0.17%
Thallium,7440-28-0†	-104.3	-0.0048 mg/L	0.00134	-0.1916	mg/kg	0.05311	27.71%
Tin,7440-31-5†	-392.1	-0.0138 mg/L	0.00102	-0.5483	mg/kg	0.04050	7.39%
Titanium,7440-32-6†	138402.1	0.2080 mg/L	0.00655	8.2529	mg/kg	0.26005	3.15%
Vanadium,7440-62-2†	33831.7	0.1990 mg/L	0.00078	7.8958	mg/kg	0.03077	0.39%
Zinc,7440-66-6†	175211.5	0.6720 mg/L	0.00190	26.667	mg/kg	0.0756	0.28%
Zirconium,7440-67-7†	55493.2	0.1032 mg/L	0.00011	4.0945	mg/kg	0.00430	0.10%

Sequence No.: 87
Sample ID: 20607210725
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 79
Date Collected: 7/25/2006 6:49:54 PM
Data Type: Reprocessed on 7/26/2006 8:05:47 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210725

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	97359.9	98.941	%	0.2903				0.29%
Ar 420.067 R	747826.5	85.023	%	0.3372				0.40%
Scandium-IS	4220927.1	106.53	%	0.674				0.63%
Yttrium,7440-65-5A	2229964.0	110.56	%	0.709				0.64%
Yttrium,7440-65-5R	41229.4	91.134	%	0.8530				0.94%
Aluminum,7429-90-5†	45473.3	178.4	mg/L	0.63	7136	mg/kg	25.2	0.35%
Antimony,7440-36-0†	-163.8	-0.0581	mg/L	0.00872	-2.3231	mg/kg	0.34866	15.01%
Arsenic,7440-38-2†	96.5	0.0973	mg/L	0.00749	3.8905	mg/kg	0.29966	7.70%
Barium,7440-39-3†	545553.3	2.0014	mg/L	0.01368	80.055	mg/kg	0.5471	0.68%
Beryllium,7440-41-7†	66079.7	0.0131	mg/L	0.00009	0.5235	mg/kg	0.00351	0.67%
Boron,7440-42-8†	-7099.1	0.0807	mg/L	0.00191	3.2277	mg/kg	0.07635	2.37%
Cadmium,7440-43-9†	3055.4	-0.0029	mg/L	0.00008	-0.1149	mg/kg	0.00324	2.82%
Calcium,7440-70-2†	25018.0	29.58	mg/L	0.113	1183	mg/kg	4.5	0.38%
Chromium,7440-47-3†	51224.5	0.2059	mg/L	0.00260	8.2359	mg/kg	0.10387	1.26%
Cobalt,7440-48-4†	9452.4	0.1134	mg/L	0.00156	4.5349	mg/kg	0.06235	1.37%
Copper,7440-50-8†	73047.5	0.1712	mg/L	0.00077	6.8488	mg/kg	0.03082	0.45%
Iron,7439-89-6†	77145.8	255.02	mg/L	1.079	10201	mg/kg	43.1	0.42%
Lead,7439-92-1†	2638.8	0.1758	mg/L	0.00278	7.0300	mg/kg	0.11107	1.58%
Lithium,7439-93-2†	5364.5	0.3227	mg/L	0.00475	12.908	mg/kg	0.1899	1.47%
Magnesium,7439-95-4†	10297.3	113.96	mg/L	0.674	4558.4	mg/kg	26.97	0.59%
Manganese,7439-96-5†	4150932.6	3.6763	mg/L	0.02455	147.05	mg/kg	0.982	0.67%
Molybdenum,7439-98-7†	33.4	0.0037	mg/L	0.00006	0.1493	mg/kg	0.00230	1.54%
Nickel,7440-02-0†	21428.2	0.2847	mg/L	0.00300	11.387	mg/kg	0.1198	1.05%
Potassium,7440-09-7†	118666.2	57.521	mg/L	0.4023	2300.9	mg/kg	16.09	0.70%
Selenium,7782-49-2†	-438.9	-0.0544	mg/L	0.00583	-2.1766	mg/kg	0.23319	10.71%

Silicon,7440-21-3†	236.9	2.3724 mg/L	0.05558	94.895 mg/kg	2.2230	2.34%
Silver,7440-22-4†	-42029.5	-0.0626 mg/L	0.00078	-2.5042 mg/kg	0.03100	1.24%
Sodium,7440-23-5†	562628.5	120.60 mg/L	0.597	4824.1 mg/kg	23.86	0.49%
Strontium,7440-24-6†	132841.3	0.4759 mg/L	0.00981	19.037 mg/kg	0.3925	2.06%
Thallium,7440-28-0†	-163.0	-0.0127 mg/L	0.00130	-0.5068 mg/kg	0.05199	10.26%
Tin,7440-31-5†	-188.6	-0.0186 mg/L	0.00214	-0.7457 mg/kg	0.08541	11.45%
Titanium,7440-32-6†	44952.4	0.0671 mg/L	0.00110	2.6824 mg/kg	0.04390	1.64%
Vanadium,7440-62-2†	39626.7	0.2271 mg/L	0.00178	9.0833 mg/kg	0.07103	0.78%
Zinc,7440-66-6†	152615.6	0.5849 mg/L	0.00374	23.397 mg/kg	0.1497	0.64%
Zirconium,7440-67-7†	56837.3	0.0999 mg/L	0.00071	3.9978 mg/kg	0.02831	0.71%

Sequence No.: 88
Sample ID: 20607210726
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 80
Date Collected: 7/25/2006 6:55:50 PM
Data Type: Reprocessed on 7/26/2006 8:05:50 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210726

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	98098.1	99.691	%	0.2204				0.22%
Ar 420.067 R	752341.2	85.537	%	0.2610				0.31%
Scandium-IS	4189087.1	105.73	%	0.189				0.18%
Yttrium,7440-65-5A	2219579.7	110.04	%	0.238				0.22%
Yttrium,7440-65-5R	41782.1	92.356	%	1.2889				1.40%
Aluminum,7429-90-5†	45545.4	178.7	mg/L	0.34	7148	mg/kg	13.5	0.19%
Antimony,7440-36-0†	-112.7	-0.0386	mg/L	0.00977	-1.5455	mg/kg	0.39090	25.29%
Arsenic,7440-38-2†	-168.8	0.0102	mg/L	0.00978	0.4098	mg/kg	0.39126	95.48%
Barium,7440-39-3†	286927.8	1.0514	mg/L	0.00134	42.057	mg/kg	0.0538	0.13%
Beryllium,7440-41-7†	68894.1	0.0136	mg/L	0.00001	0.5449	mg/kg	0.00058	0.11%
Boron,7440-42-8†	-1322.2	0.0969	mg/L	0.00079	3.8762	mg/kg	0.03167	0.82%
Cadmium,7440-43-9†	1951.9	-0.0019	mg/L	0.00005	-0.0749	mg/kg	0.00183	2.44%
Calcium,7440-70-2†	27855.7	32.95	mg/L	0.051	1318	mg/kg	2.0	0.16%
Chromium,7440-47-3†	50922.6	0.2047	mg/L	0.00122	8.1865	mg/kg	0.04868	0.59%
Cobalt,7440-48-4†	7106.8	0.0854	mg/L	0.00056	3.4144	mg/kg	0.02223	0.65%
Copper,7440-50-8†	80123.0	0.1821	mg/L	0.00031	7.2844	mg/kg	0.01235	0.17%
Iron,7439-89-6†	51215.9	169.30	mg/L	0.297	6772.1	mg/kg	11.90	0.18%
Lead,7439-92-1†	2980.3	0.1984	mg/L	0.00233	7.9346	mg/kg	0.09330	1.18%
Lithium,7439-93-2†	5138.6	0.3088	mg/L	0.00388	12.351	mg/kg	0.1553	1.26%
Magnesium,7439-95-4†	10358.5	114.58	mg/L	0.324	4583.2	mg/kg	12.95	0.28%
Manganese,7439-96-5†	1778051.1	1.5750	mg/L	0.00209	62.999	mg/kg	0.0837	0.13%
Molybdenum,7439-98-7†	2.4	0.0021	mg/L	0.00062	0.0830	mg/kg	0.02483	29.91%
Nickel,7440-02-0†	19279.1	0.2568	mg/L	0.00187	10.271	mg/kg	0.0750	0.73%
Potassium,7440-09-7†	131254.2	63.650	mg/L	0.4185	2546.0	mg/kg	16.74	0.66%
Selenium,7782-49-2†	-282.8	-0.0321	mg/L	0.00915	-1.2826	mg/kg	0.36610	28.54%
Silicon,7440-21-3†	220.7	2.0751	mg/L	0.03925	83.004	mg/kg	1.5700	1.89%
Silver,7440-22-4†	-27596.2	-0.0407	mg/L	0.00015	-1.6271	mg/kg	0.00619	0.38%
Sodium,7440-23-5†	662209.9	141.94	mg/L	0.934	5677.8	mg/kg	37.37	0.66%
Strontium,7440-24-6†	142156.1	0.5094	mg/L	0.00964	20.377	mg/kg	0.3854	1.89%
Thallium,7440-28-0†	-131.4	-0.0136	mg/L	0.00103	-0.5427	mg/kg	0.04105	7.56%
Tin,7440-31-5†	-151.5	-0.0145	mg/L	0.00244	-0.5803	mg/kg	0.09765	16.83%
Titanium,7440-32-6†	43545.9	0.0652	mg/L	0.00542	2.6073	mg/kg	0.21672	8.31%
Vanadium,7440-62-2†	26024.5	0.1501	mg/L	0.00009	6.0038	mg/kg	0.00343	0.06%
Zinc,7440-66-6†	201151.7	0.7923	mg/L	0.00058	31.692	mg/kg	0.0233	0.07%
Zirconium,7440-67-7†	63907.9	0.1131	mg/L	0.00043	4.5222	mg/kg	0.01735	0.38%

Sequence No.: 89
Sample ID: 20607210727
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 81
Date Collected: 7/25/2006 7:01:48 PM
Data Type: Reprocessed on 7/26/2006 8:05:52 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210727

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Ar 363.268 A	89341.0	90.792 %	0.3609				0.40%
Ar 420.067 R	720281.8	81.892 %	0.1763				0.22%
Scandium-IS	4033087.5	101.79 %	0.494				0.49%
Yttrium,7440-65-5A	2114654.8	104.84 %	0.587				0.56%
Yttrium,7440-65-5R	39963.0	88.335 %	0.8306				0.94%
Aluminum,7429-90-5†	57051.2	223.8 mg/L	0.23	8882 mg/kg		9.0	0.10%
Antimony,7440-36-0†	-121.5	-0.0420 mg/L	0.01174	-1.6654 mg/kg		0.46586	27.97%
Arsenic,7440-38-2†	-11.0	0.0681 mg/L	0.01215	2.7033 mg/kg		0.48226	17.84%
Barium,7440-39-3†	246682.6	0.9008 mg/L	0.00030	35.747 mg/kg		0.0117	0.03%
Beryllium,7440-41-7†	73007.9	0.0141 mg/L	0.00003	0.5599 mg/kg		0.00105	0.19%
Boron,7440-42-8†	-3514.5	0.1010 mg/L	0.00062	4.0075 mg/kg		0.02460	0.61%
Cadmium,7440-43-9†	1312.3	-0.0061 mg/L	0.00009	-0.2431 mg/kg		0.00338	1.39%
Calcium,7440-70-2†	297564.3	352.4 mg/L	0.28	13980 mg/kg		11.0	0.08%
Chromium,7440-47-3†	57835.0	0.2286 mg/L	0.00293	9.0721 mg/kg		0.11624	1.28%
Cobalt,7440-48-4†	9260.8	0.1109 mg/L	0.00125	4.3989 mg/kg		0.04973	1.13%
Copper,7440-50-8†	76963.8	0.1570 mg/L	0.00040	6.2311 mg/kg		0.01600	0.26%
Iron,7439-89-6†	67553.4	223.31 mg/L	0.554	8861.7 mg/kg		21.99	0.25%
Lead,7439-92-1†	2293.7	0.1613 mg/L	0.00073	6.4019 mg/kg		0.02902	0.45%
Lithium,7439-93-2†	6492.7	0.3904 mg/L	0.00396	15.491 mg/kg		0.1570	1.01%
Magnesium,7439-95-4†	13835.9	153.04 mg/L	1.445	6073.0 mg/kg		57.34	0.94%
Manganese,7439-96-5†	6316715.6	5.5959 mg/L	0.00310	222.06 mg/kg		0.123	0.06%
Molybdenum,7439-98-7†	31.2	0.0027 mg/L	0.00057	0.1076 mg/kg		0.02259	21.00%
Nickel,7440-02-0†	21307.1	0.2828 mg/L	0.00384	11.224 mg/kg		0.1525	1.36%
Potassium,7440-09-7†	140164.4	67.903 mg/L	0.8419	2694.6 mg/kg		33.41	1.24%
Selenium,7782-49-2†	-426.4	-0.0651 mg/L	0.00111	-2.5849 mg/kg		0.04409	1.71%
Silicon,7440-21-3†	998.8	8.4332 mg/L	0.03923	334.65 mg/kg		1.557	0.47%
Silver,7440-22-4†	-36252.2	-0.0539 mg/L	0.00006	-2.1399 mg/kg		0.00243	0.11%
Sodium,7440-23-5†	387426.9	83.033 mg/L	1.0822	3294.9 mg/kg		42.94	1.30%
Strontium,7440-24-6†	221238.9	0.7868 mg/L	0.00106	31.222 mg/kg		0.0422	0.14%
Thallium,7440-28-0†	-185.3	-0.0094 mg/L	0.00124	-0.3741 mg/kg		0.04931	13.18%
Tin,7440-31-5†	-329.3	-0.0195 mg/L	0.00221	-0.7753 mg/kg		0.08787	11.33%
Titanium,7440-32-6†	168370.9	0.2530 mg/L	0.00285	10.038 mg/kg		0.1131	1.13%
Vanadium,7440-62-2†	45280.1	0.2655 mg/L	0.00011	10.537 mg/kg		0.0042	0.04%
Zinc,7440-66-6†	166799.9	0.6374 mg/L	0.00100	25.292 mg/kg		0.0397	0.16%
Zirconium,7440-67-7†	57634.0	0.1039 mg/L	0.00038	4.1214 mg/kg		0.01494	0.36%

Sequence No.: 90
Sample ID: 20607210728
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 82
Date Collected: 7/25/2006 7:07:40 PM
Data Type: Reprocessed on 7/26/2006 8:05:54 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210728

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	82635.1	83.977	%	0.3493				0.42%
Ar 420.067 R	687089.4	78.118	%	0.3002				0.38%
Scandium-IS	3994278.3	100.81	%	1.219				1.21%
Yttrium,7440-65-5A	2158524.0	107.02	%	1.238				1.16%
Yttrium,7440-65-5R	40758.4	90.093	%	0.6977				0.77%
Aluminum,7429-90-5†	83788.8	328.7	mg/L	1.23	13150	mg/kg	49.0	0.37%
Antimony,7440-36-0†	-220.6	-0.0745	mg/L	0.00553	-2.9802	mg/kg	0.22112	7.42%
Arsenic,7440-38-2†	9.3	0.1086	mg/L	0.00610	4.3452	mg/kg	0.24391	5.61%
Barium,7440-39-3†	661064.3	2.4220	mg/L	0.00306	96.881	mg/kg	0.1222	0.13%
Beryllium,7440-41-7†	106911.8	0.0206	mg/L	0.00006	0.8242	mg/kg	0.00226	0.27%
Boron,7440-42-8†	-11949.3	0.0637	mg/L	0.00121	2.5496	mg/kg	0.04850	1.90%
Cadmium,7440-43-9†	2944.9	-0.0071	mg/L	0.00011	-0.2823	mg/kg	0.00438	1.55%
Calcium,7440-70-2†	712124.4	843.4	mg/L	2.85	33740	mg/kg	114.1	0.34%
Chromium,7440-47-3†	85079.4	0.3359	mg/L	0.00044	13.435	mg/kg	0.0176	0.13%
Cobalt,7440-48-4†	16323.2	0.1974	mg/L	0.00290	7.8954	mg/kg	0.11580	1.47%
Copper,7440-50-8†	133548.8	0.2560	mg/L	0.00080	10.239	mg/kg	0.0320	0.31%
Iron,7439-89-6†	103705.4	342.83	mg/L	1.944	13713	mg/kg	77.8	0.57%
Lead,7439-92-1†	3485.2	0.2463	mg/L	0.00284	9.8536	mg/kg	0.11347	1.15%
Lithium,7439-93-2†	10895.5	0.6550	mg/L	0.00834	26.198	mg/kg	0.3337	1.27%
Magnesium,7439-95-4†	22137.8	244.86	mg/L	4.156	9794.5	mg/kg	166.24	1.70%
Manganese,7439-96-5†	10808645.9	9.5761	mg/L	0.16016	383.04	mg/kg	6.406	1.67%
Molybdenum,7439-98-7†	-76.6	0.0003	mg/L	0.00087	0.0119	mg/kg	0.03467	291.43%
Nickel,7440-02-0†	32575.8	0.4324	mg/L	0.00631	17.296	mg/kg	0.2524	1.46%

Potassium,7440-09-7†	195133.3	94.465 mg/L	2.0142	3778.6 mg/kg	80.57	2.13%
Selenium,7782-49-2†	-656.6	-0.0962 mg/L	0.01032	-3.8482 mg/kg	0.41275	10.73%
Silicon,7440-21-3†	976.4	8.4594 mg/L	0.15294	338.38 mg/kg	6.118	1.81%
Silver,7440-22-4†	-56287.5	-0.0850 mg/L	0.00028	-3.4006 mg/kg	0.01131	0.33%
Sodium,7440-23-5†	562165.5	120.48 mg/L	2.451	4819.3 mg/kg	98.04	2.03%
Strontium,7440-24-6†	466440.9	1.6570 mg/L	0.00640	66.279 mg/kg	0.2560	0.39%
Thallium,7440-28-0†	-254.4	-0.0100 mg/L	0.00547	-0.3995 mg/kg	0.21892	54.80%
Tin,7440-31-5†	-360.3	-0.0117 mg/L	0.00184	-0.4689 mg/kg	0.07374	15.73%
Titanium,7440-32-6†	140086.9	0.2100 mg/L	0.00262	8.4014 mg/kg	0.10475	1.25%
Vanadium,7440-62-2†	64261.6	0.3759 mg/L	0.00104	15.037 mg/kg	0.0417	0.28%
Zinc,7440-66-6†	247603.7	0.9376 mg/L	0.00241	37.505 mg/kg	0.0962	0.26%
Zirconium,7440-67-7†	75654.8	0.1390 mg/L	0.00046	5.5616 mg/kg	0.01826	0.33%

Sequence No.: 91
Sample ID: 20607210729
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 83
Date Collected: 7/25/2006 7:13:45 PM
Data Type: Reprocessed on 7/26/2006 8:05:57 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210729

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	90999.5	92.477	%	0.2663				0.29%
Ar 420.067 R	714522.2	81.237	%	0.2020				0.25%
Scandium-IS	4050678.7	102.23	%	0.451				0.44%
Yttrium,7440-65-5A	2132004.1	105.70	%	0.437				0.41%
Yttrium,7440-65-5R	39121.6	86.475	%	0.3945				0.46%
Aluminum,7429-90-5†	42658.8	167.4	mg/L	0.95	6641	mg/kg	37.6	0.57%
Antimony,7440-36-0†	-143.6	-0.0482	mg/L	0.00899	-1.9115	mg/kg	0.35689	18.67%
Arsenic,7440-38-2†	-72.9	0.0365	mg/L	0.00428	1.4477	mg/kg	0.16968	11.72%
Barium,7440-39-3†	409402.9	1.5012	mg/L	0.00186	59.569	mg/kg	0.0736	0.12%
Beryllium,7440-41-7†	58530.2	0.0106	mg/L	0.00002	0.4198	mg/kg	0.00088	0.21%
Boron,7440-42-8†	-2067.6	0.0904	mg/L	0.00280	3.5884	mg/kg	0.11130	3.10%
Cadmium,7440-43-9†	1324.3	-0.0046	mg/L	0.00016	-0.1808	mg/kg	0.00648	3.59%
Calcium,7440-70-2†	274802.0	325.4	mg/L	1.16	12910	mg/kg	46.1	0.36%
Chromium,7440-47-3†	47112.5	0.1863	mg/L	0.00128	7.3915	mg/kg	0.05080	0.69%
Cobalt,7440-48-4†	8872.9	0.1072	mg/L	0.00073	4.2524	mg/kg	0.02904	0.68%
Copper,7440-50-8†	70910.7	0.1398	mg/L	0.00036	5.5494	mg/kg	0.01425	0.26%
Iron,7439-89-6†	54434.4	179.95	mg/L	0.189	7140.9	mg/kg	7.50	0.11%
Lead,7439-92-1†	2621.5	0.1761	mg/L	0.00131	6.9884	mg/kg	0.05190	0.74%
Lithium,7439-93-2†	5064.9	0.3049	mg/L	0.01266	12.101	mg/kg	0.5025	4.15%
Magnesium,7439-95-4†	11102.4	122.79	mg/L	0.980	4872.7	mg/kg	38.90	0.80%
Manganese,7439-96-5†	13318708.3	11.798	mg/L	0.1063	468.16	mg/kg	4.219	0.90%
Molybdenum,7439-98-7†	11.6	0.0023	mg/L	0.00113	0.0902	mg/kg	0.04492	49.79%
Nickel,7440-02-0†	19527.4	0.2587	mg/L	0.00242	10.267	mg/kg	0.0960	0.94%
Potassium,7440-09-7†	119686.9	57.971	mg/L	0.8142	2300.4	mg/kg	32.31	1.40%
Selenium,7782-49-2†	-345.3	-0.0602	mg/L	0.00451	-2.3902	mg/kg	0.17898	7.49%
Silicon,7440-21-3†	795.6	6.7198	mg/L	0.06307	266.66	mg/kg	2.503	0.94%
Silver,7440-22-4†	-28383.2	-0.0422	mg/L	0.00029	-1.6729	mg/kg	0.01153	0.69%
Sodium,7440-23-5†	453907.7	97.290	mg/L	1.2000	3860.7	mg/kg	47.62	1.23%
Strontium,7440-24-6†	323614.8	1.1549	mg/L	0.00444	45.830	mg/kg	0.1762	0.38%
Thallium,7440-28-0†	-141.3	0.0134	mg/L	0.00274	0.5301	mg/kg	0.10869	20.50%
Tin,7440-31-5†	-342.9	-0.0186	mg/L	0.00125	-0.7387	mg/kg	0.04958	6.71%
Titanium,7440-32-6†	148025.3	0.2223	mg/L	0.00650	8.8209	mg/kg	0.25798	2.92%
Vanadium,7440-62-2†	34596.0	0.2023	mg/L	0.00059	8.0288	mg/kg	0.02341	0.29%
Zinc,7440-66-6†	163905.3	0.6278	mg/L	0.00077	24.911	mg/kg	0.0305	0.12%
Zirconium,7440-67-7†	50314.4	0.0901	mg/L	0.00025	3.5765	mg/kg	0.00991	0.28%

Sequence No.: 92
Sample ID: 20607210730
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 84
Date Collected: 7/25/2006 7:19:48 PM
Data Type: Reprocessed on 7/26/2006 8:05:59 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607210730

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	94891.0	96.432	%	0.1674				0.17%
Ar 420.067 R	725331.7	82.466	%	0.3281				0.40%
Scandium-IS	4156067.9	104.89	%	0.360				0.34%
Yttrium,7440-65-5A	2200895.5	109.12	%	0.289				0.26%
Yttrium,7440-65-5R	39727.8	87.815	%	0.6440				0.73%
Aluminum,7429-90-5†	49623.7	194.7	mg/L	0.31	7788	mg/kg	12.5	0.16%
Antimony,7440-36-0†	-132.2	-0.0457	mg/L	0.00477	-1.8282	mg/kg	0.19079	10.44%
Arsenic,7440-38-2†	-105.0	0.0356	mg/L	0.00486	1.4225	mg/kg	0.19441	13.67%
Barium,7440-39-3†	351045.0	1.2865	mg/L	0.00126	51.459	mg/kg	0.0503	0.10%
Beryllium,7440-41-7†	71135.9	0.0141	mg/L	0.00000	0.5647	mg/kg	0.00020	0.03%
Boron,7440-42-8†	-2373.3	0.1063	mg/L	0.00193	4.2519	mg/kg	0.07736	1.82%
Cadmium,7440-43-9†	2052.7	-0.0031	mg/L	0.00012	-0.1244	mg/kg	0.00474	3.81%
Calcium,7440-70-2†	62134.1	73.55	mg/L	0.258	2942	mg/kg	10.3	0.35%
Chromium,7440-47-3†	53714.2	0.2150	mg/L	0.00063	8.6012	mg/kg	0.02532	0.29%
Cobalt,7440-48-4†	7771.0	0.0929	mg/L	0.00035	3.7153	mg/kg	0.01392	0.37%
Copper,7440-50-8†	74800.6	0.1700	mg/L	0.00038	6.7989	mg/kg	0.01513	0.22%
Iron,7439-89-6†	61527.3	203.39	mg/L	0.590	8135.6	mg/kg	23.61	0.29%
Lead,7439-92-1†	2792.2	0.1880	mg/L	0.00219	7.5211	mg/kg	0.08750	1.16%
Lithium,7439-93-2†	5677.2	0.3412	mg/L	0.00707	13.648	mg/kg	0.2826	2.07%
Magnesium,7439-95-4†	11803.2	130.57	mg/L	0.123	5222.7	mg/kg	4.93	0.09%
Manganese,7439-96-5†	1950594.4	1.7279	mg/L	0.00218	69.116	mg/kg	0.0873	0.13%
Molybdenum,7439-98-7†	1.7	0.0023	mg/L	0.00145	0.0916	mg/kg	0.05783	63.12%
Nickel,7440-02-0†	20269.2	0.2697	mg/L	0.00050	10.788	mg/kg	0.0199	0.18%
Potassium,7440-09-7†	139962.4	67.861	mg/L	0.3431	2714.4	mg/kg	13.72	0.51%
Selenium,7782-49-2†	-388.2	-0.0602	mg/L	0.00421	-2.4096	mg/kg	0.16829	6.98%
Silicon,7440-21-3†	412.1	3.6780	mg/L	0.03339	147.12	mg/kg	1.336	0.91%
Silver,7440-22-4†	-33332.4	-0.0494	mg/L	0.00049	-1.9746	mg/kg	0.01973	1.00%
Sodium,7440-23-5†	545603.5	116.95	mg/L	0.536	4677.9	mg/kg	21.45	0.46%
Strontium,7440-24-6†	152083.8	0.5442	mg/L	0.00111	21.768	mg/kg	0.0445	0.20%
Thallium,7440-28-0†	-137.8	-0.0142	mg/L	0.00436	-0.5680	mg/kg	0.17452	30.73%
Tin,7440-31-5†	-210.5	-0.0183	mg/L	0.00091	-0.7331	mg/kg	0.03621	4.94%
Titanium,7440-32-6†	78393.3	0.1176	mg/L	0.00358	4.7033	mg/kg	0.14332	3.05%
Vanadium,7440-62-2†	28815.6	0.1651	mg/L	0.00050	6.6047	mg/kg	0.02018	0.31%
Zinc,7440-66-6†	190876.7	0.7457	mg/L	0.00075	29.826	mg/kg	0.0298	0.10%
Zirconium,7440-67-7†	54217.7	0.0960	mg/L	0.00073	3.8412	mg/kg	0.02920	0.76%

Sequence No.: 93
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 85
Date Collected: 7/25/2006 7:25:30 PM
Data Type: Reprocessed on 7/26/2006 8:06:01 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	104480.3	106.18	%	0.040				0.04%
Ar 420.067 R	753007.6	85.612	%	0.1382				0.16%
Scandium-IS	4320945.4	109.05	%	0.342				0.31%
Yttrium,7440-65-5A	2178861.2	108.02	%	0.330				0.31%
Yttrium,7440-65-5R	38094.5	84.205	%	0.2850				0.34%
Aluminum,7429-90-5†	5.5	0.021	mg/L	0.0217	0.021	mg/L	0.0217	101.42%
Antimony,7440-36-0†	-5.9	-0.0018	mg/L	0.00125	-0.0018	mg/L	0.00125	68.56%
Arsenic,7440-38-2†	-0.1	0.0000	mg/L	0.00138	0.0000	mg/L	0.00138	>999.9%
Barium,7440-39-3†	-1.7	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	960.75%
Beryllium,7440-41-7†	-101.3	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	48.76%
Boron,7440-42-8†	216.9	0.0030	mg/L	0.00022	0.0030	mg/L	0.00022	7.37%
Cadmium,7440-43-9†	7.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	82.34%
Calcium,7440-70-2†	15.3	0.018	mg/L	0.0023	0.018	mg/L	0.0023	12.64%
Chromium,7440-47-3†	-37.3	-0.0002	mg/L	0.00013	-0.0002	mg/L	0.00013	73.52%
Cobalt,7440-48-4†	-7.7	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	49.17%
Copper,7440-50-8†	-1013.7	-0.0022	mg/L	0.00013	-0.0022	mg/L	0.00013	5.82%
Iron,7439-89-6†	5.8	0.0192	mg/L	0.00536	0.0192	mg/L	0.00536	28.00%
Lead,7439-92-1†	4.5	0.0003	mg/L	0.00082	0.0003	mg/L	0.00082	288.29%
Lithium,7439-93-2†	102.2	0.0061	mg/L	0.00370	0.0061	mg/L	0.00370	60.41%
Magnesium,7439-95-4†	2.9	0.0317	mg/L	0.04392	0.0317	mg/L	0.04392	138.45%
Manganese,7439-96-5†	7.3	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	249.37%

Molybdenum,7439-98-7†	21.1	0.0005 mg/L	0.00031	0.0005 mg/L	0.00031	61.59%
Nickel,7440-02-0†	30.7	0.0004 mg/L	0.00020	0.0004 mg/L	0.00020	48.47%
Potassium,7440-09-7†	445.2	0.2161 mg/L	0.04748	0.2161 mg/L	0.04748	21.97%
Selenium,7782-49-2†	-10.0	-0.0047 mg/L	0.00289	-0.0047 mg/L	0.00289	61.27%
Silicon,7440-21-3†	22.6	0.1824 mg/L	0.00677	0.1824 mg/L	0.00677	3.71%
Silver,7440-22-4†	79.9	0.0002 mg/L	0.00017	0.0002 mg/L	0.00017	76.84%
Sodium,7440-23-5†	-192.9	-0.0414 mg/L	0.00569	-0.0414 mg/L	0.00569	13.77%
Strontium,7440-24-6†	28.6	0.0001 mg/L	0.00012	0.0001 mg/L	0.00012	120.85%
Thallium,7440-28-0†	6.5	0.0008 mg/L	0.00075	0.0008 mg/L	0.00075	92.55%
Tin,7440-31-5†	-68.7	-0.0047 mg/L	0.00088	-0.0047 mg/L	0.00088	18.64%
Titanium,7440-32-6†	32.2	0.0000 mg/L	0.00011	0.0000 mg/L	0.00011	218.84%
Vanadium,7440-62-2†	-616.2	-0.0038 mg/L	0.00010	-0.0038 mg/L	0.00010	2.57%
Zinc,7440-66-6†	-727.5	-0.0030 mg/L	0.00002	-0.0030 mg/L	0.00002	0.78%
Zirconium,7440-67-7†	-120.9	-0.0002 mg/L	0.00021	-0.0002 mg/L	0.00021	96.03%

Sequence No.: 94
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 86
Date Collected: 7/25/2006 7:32:08 PM
Data Type: Reprocessed on 7/26/2006 8:06:04 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	103748.1	105.43	%	0.458				0.43%
Ar 420.067 R	757575.8	86.132	%	0.1748				0.20%
Scandium-IS	4305859.5	108.67	%	0.449				0.41%
Yttrium,7440-65-5A	2170002.3	107.58	%	0.393				0.37%
Yttrium,7440-65-5R	38066.5	84.143	%	0.7903				0.94%
Aluminum,7429-90-5†	4.7	0.018	mg/L	0.0159	0.018	mg/L	0.0159	85.97%
Antimony,7440-36-0†	-16.6	-0.0052	mg/L	0.00162	-0.0052	mg/L	0.00162	31.53%
Arsenic,7440-38-2†	-2.1	-0.0006	mg/L	0.00279	-0.0006	mg/L	0.00279	488.31%
Barium,7440-39-3†	-19.7	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	76.70%
Beryllium,7440-41-7†	-103.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	46.65%
Boron,7440-42-8†	98.0	0.0013	mg/L	0.00016	0.0013	mg/L	0.00016	11.71%
Cadmium,7440-43-9†	17.1	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	111.93%
Calcium,7440-70-2†	-18.8	-0.022	mg/L	0.0079	-0.022	mg/L	0.0079	35.45%
Chromium,7440-47-3†	-57.4	-0.0003	mg/L	0.00012	-0.0003	mg/L	0.00012	44.62%
Cobalt,7440-48-4†	21.7	0.0003	mg/L	0.00009	0.0003	mg/L	0.00009	33.17%
Copper,7440-50-8†	-1092.9	-0.0024	mg/L	0.00016	-0.0024	mg/L	0.00016	6.52%
Iron,7439-89-6†	2.0	0.0067	mg/L	0.00203	0.0067	mg/L	0.00203	30.47%
Lead,7439-92-1†	-4.9	-0.0003	mg/L	0.00028	-0.0003	mg/L	0.00028	94.19%
Lithium,7439-93-2†	85.8	0.0051	mg/L	0.00156	0.0051	mg/L	0.00156	30.41%
Magnesium,7439-95-4†	0.3	0.0032	mg/L	0.00879	0.0032	mg/L	0.00879	276.25%
Manganese,7439-96-5†	-461.9	-0.0004	mg/L	0.00001	-0.0004	mg/L	0.00001	2.91%
Molybdenum,7439-98-7†	29.8	0.0007	mg/L	0.00037	0.0007	mg/L	0.00037	52.29%
Nickel,7440-02-0†	12.7	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	93.30%
Potassium,7440-09-7†	283.3	0.1375	mg/L	0.02340	0.1375	mg/L	0.02340	17.02%
Selenium,7782-49-2†	0.3	0.0001	mg/L	0.00347	0.0001	mg/L	0.00347	>999.9%
Silicon,7440-21-3†	19.7	0.1584	mg/L	0.01164	0.1584	mg/L	0.01164	7.35%
Silver,7440-22-4†	87.4	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	59.27%
Sodium,7440-23-5†	-407.5	-0.0874	mg/L	0.01167	-0.0874	mg/L	0.01167	13.36%
Strontium,7440-24-6†	34.7	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	39.82%
Thallium,7440-28-0†	5.1	0.0006	mg/L	0.00011	0.0006	mg/L	0.00011	18.24%
Tin,7440-31-5†	-75.4	-0.0052	mg/L	0.00080	-0.0052	mg/L	0.00080	15.34%
Titanium,7440-32-6†	-45.8	-0.0001	mg/L	0.00016	-0.0001	mg/L	0.00016	228.11%
Vanadium,7440-62-2†	-651.2	-0.0040	mg/L	0.00015	-0.0040	mg/L	0.00015	3.86%
Zinc,7440-66-6†	-1448.3	-0.0059	mg/L	0.00010	-0.0059	mg/L	0.00010	1.62%
Zirconium,7440-67-7†	-320.0	-0.0006	mg/L	0.00010	-0.0006	mg/L	0.00010	17.11%

Sequence No.: 95
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/25/2006 7:38:44 PM
Data Type: Reprocessed on 7/26/2006 8:06:06 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100642.5	102.28	%	0.471				0.46%
Ar 420.067 R	736522.5	83.738	%	0.3719				0.44%
Scandium-IS	4204385.8	106.11	%	0.256				0.24%
Yttrium,7440-65-5A	2087662.2	103.50	%	0.308				0.30%
Yttrium,7440-65-5R	36926.5	81.623	%	0.7004				0.86%
Aluminum,7429-90-5†	1160.1	4.559	mg/L	0.0083	4.559	mg/L	0.0083	0.18%
QC value within limits for Aluminum,7429-90-5 Recovery = 91.17%								
Antimony,7440-36-0†	1575.8	0.4877	mg/L	0.00329	0.4877	mg/L	0.00329	0.68%
QC value within limits for Antimony,7440-36-0 Recovery = 97.53%								
Arsenic,7440-38-2†	1745.6	0.4686	mg/L	0.00211	0.4686	mg/L	0.00211	0.45%
QC value within limits for Arsenic,7440-38-2 Recovery = 93.71%								
Barium,7440-39-3†	132455.4	0.4872	mg/L	0.00522	0.4872	mg/L	0.00522	1.07%
QC value within limits for Barium,7440-39-3 Recovery = 97.44%								
Beryllium,7440-41-7†	2466652.3	0.4784	mg/L	0.00094	0.4784	mg/L	0.00094	0.20%
QC value within limits for Beryllium,7440-41-7 Recovery = 95.69%								
Boron,7440-42-8†	176559.5	2.3997	mg/L	0.03497	2.3997	mg/L	0.03497	1.46%
QC value within limits for Boron,7440-42-8 Recovery = 95.99%								
Cadmium,7440-43-9†	179940.4	0.4858	mg/L	0.00534	0.4858	mg/L	0.00534	1.10%
QC value within limits for Cadmium,7440-43-9 Recovery = 97.15%								
Calcium,7440-70-2†	4008.5	4.746	mg/L	0.0161	4.746	mg/L	0.0161	0.34%
QC value within limits for Calcium,7440-70-2 Recovery = 94.91%								
Chromium,7440-47-3†	106607.3	0.4800	mg/L	0.00492	0.4800	mg/L	0.00492	1.03%
QC value within limits for Chromium,7440-47-3 Recovery = 95.99%								
Cobalt,7440-48-4†	38030.6	0.4817	mg/L	0.00507	0.4817	mg/L	0.00507	1.05%
QC value within limits for Cobalt,7440-48-4 Recovery = 96.34%								
Copper,7440-50-8†	219660.0	0.4795	mg/L	0.00576	0.4795	mg/L	0.00576	1.20%
QC value within limits for Copper,7440-50-8 Recovery = 95.90%								
Iron,7439-89-6†	1361.0	4.4995	mg/L	0.02375	4.4995	mg/L	0.02375	0.53%
QC value within limits for Iron,7439-89-6 Recovery = 89.99%								
Lead,7439-92-1†	7793.1	0.4823	mg/L	0.00286	0.4823	mg/L	0.00286	0.59%
QC value within limits for Lead,7439-92-1 Recovery = 96.45%								
Lithium,7439-93-2†	9039.2	0.5412	mg/L	0.01572	0.5412	mg/L	0.01572	2.90%
QC value within limits for Lithium,7439-93-2 Recovery = 108.24%								
Magnesium,7439-95-4†	412.8	4.5648	mg/L	0.06305	4.5648	mg/L	0.06305	1.38%
QC value within limits for Magnesium,7439-95-4 Recovery = 91.30%								
Manganese,7439-96-5†	562150.0	0.4978	mg/L	0.00555	0.4978	mg/L	0.00555	1.12%
QC value within limits for Manganese,7439-96-5 Recovery = 99.56%								
Molybdenum,7439-98-7†	19921.7	0.4785	mg/L	0.00257	0.4785	mg/L	0.00257	0.54%
QC value within limits for Molybdenum,7439-98-7 Recovery = 95.71%								
Nickel,7440-02-0†	35991.3	0.4834	mg/L	0.00591	0.4834	mg/L	0.00591	1.22%
QC value within limits for Nickel,7440-02-0 Recovery = 96.68%								
Potassium,7440-09-7†	18662.7	9.0519	mg/L	0.06902	9.0519	mg/L	0.06902	0.76%
QC value within limits for Potassium,7440-09-7 Recovery = 90.52%								
Selenium,7782-49-2†	1013.2	0.4808	mg/L	0.00676	0.4808	mg/L	0.00676	1.41%
QC value within limits for Selenium,7782-49-2 Recovery = 96.15%								
Silicon,7440-21-3†	74.7	0.6085	mg/L	0.00424	0.6085	mg/L	0.00424	0.70%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 121.70%								
Silver,7440-22-4†	173554.9	0.4824	mg/L	0.00564	0.4824	mg/L	0.00564	1.17%
QC value within limits for Silver,7440-22-4 Recovery = 96.49%								
Sodium,7440-23-5†	80808.3	17.324	mg/L	0.1612	17.324	mg/L	0.1612	0.93%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 86.62%								
Strontium,7440-24-6†	135997.8	0.4881	mg/L	0.00758	0.4881	mg/L	0.00758	1.55%
QC value within limits for Strontium,7440-24-6 Recovery = 97.62%								
Thallium,7440-28-0†	3798.1	0.4898	mg/L	0.00200	0.4898	mg/L	0.00200	0.41%
QC value within limits for Thallium,7440-28-0 Recovery = 97.96%								
Tin,7440-31-5†	6942.4	0.4798	mg/L	0.00245	0.4798	mg/L	0.00245	0.51%
QC value within limits for Tin,7440-31-5 Recovery = 95.97%								
Titanium,7440-32-6†	317178.6	0.4776	mg/L	0.00082	0.4776	mg/L	0.00082	0.17%
QC value within limits for Titanium,7440-32-6 Recovery = 95.52%								
Vanadium,7440-62-2†	77614.5	0.4762	mg/L	0.00637	0.4762	mg/L	0.00637	1.34%
QC value within limits for Vanadium,7440-62-2 Recovery = 95.24%								
Zinc,7440-66-6†	121063.6	0.4868	mg/L	0.00517	0.4868	mg/L	0.00517	1.06%
QC value within limits for Zinc,7440-66-6 Recovery = 97.36%								
Zirconium,7440-67-7†	270126.0	0.4798	mg/L	0.00497	0.4798	mg/L	0.00497	1.04%
QC value within limits for Zirconium,7440-67-7 Recovery = 95.95%								

QC Failed. Continue with analysis.

Sequence No.: 96
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2006 7:45:37 PM
Data Type: Reprocessed on 7/26/2006 8:06:09 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100820.0	102.46	%	0.477				0.47%
Ar 420.067 R	740842.9	84.229	%	0.3410				0.40%
Scandium-IS	4194709.6	105.87	%	0.832				0.79%
Yttrium,7440-65-5A	2112735.4	104.75	%	0.759				0.72%
Yttrium,7440-65-5R	36753.1	81.240	%	1.7388				2.14%
Aluminum,7429-90-5†	7.5	0.029	mg/L	0.0118	0.029	mg/L	0.0118	40.09%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-8.3	-0.0026	mg/L	0.00156	-0.0026	mg/L	0.00156	60.54%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	-3.7	-0.0010	mg/L	0.00300	-0.0010	mg/L	0.00300	299.82%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	22.4	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	76.91%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	95.4	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	62.32%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	2293.7	0.0311	mg/L	0.00203	0.0311	mg/L	0.00203	6.53%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	-13.1	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	99.77%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	1.7	0.002	mg/L	0.0029	0.002	mg/L	0.0029	143.89%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-7.5	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	200.51%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	20.9	0.0003	mg/L	0.00019	0.0003	mg/L	0.00019	71.12%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-1019.0	-0.0022	mg/L	0.00010	-0.0022	mg/L	0.00010	4.43%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	4.9	0.0163	mg/L	0.00465	0.0163	mg/L	0.00465	28.49%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	11.5	0.0007	mg/L	0.00023	0.0007	mg/L	0.00023	32.01%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	41.3	0.0025	mg/L	0.00521	0.0025	mg/L	0.00521	210.78%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	2.2	0.0242	mg/L	0.01686	0.0242	mg/L	0.01686	69.58%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	983.7	0.0009	mg/L	0.00002	0.0009	mg/L	0.00002	2.66%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	41.1	0.0010	mg/L	0.00026	0.0010	mg/L	0.00026	26.20%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	5.3	0.0001	mg/L	0.00024	0.0001	mg/L	0.00024	340.88%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	352.3	0.1710	mg/L	0.03070	0.1710	mg/L	0.03070	17.95%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	-1.2	-0.0006	mg/L	0.00175	-0.0006	mg/L	0.00175	311.19%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	25.0	0.2013	mg/L	0.02593	0.2013	mg/L	0.02593	12.89%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	69.0	0.0002	mg/L	0.00027	0.0002	mg/L	0.00027	141.29%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-621.3	-0.1332	mg/L	0.00418	-0.1332	mg/L	0.00418	3.14%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	60.4	0.0002	mg/L	0.00017	0.0002	mg/L	0.00017	79.20%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	14.0	0.0018	mg/L	0.00048	0.0018	mg/L	0.00048	27.17%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-11.1	-0.0008	mg/L	0.00126	-0.0008	mg/L	0.00126	163.97%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6†	12.9	0.0000	mg/L	0.00022	0.0000	mg/L	0.00022	>999.9%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated								

Vanadium,7440-62-2†	-657.2	-0.0040 mg/L	0.00005	-0.0040 mg/L	0.00005	1.16%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6†	-525.4	-0.0021 mg/L	0.00022	-0.0021 mg/L	0.00022	10.14%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7†	512.5	0.0009 mg/L	0.00011	0.0009 mg/L	0.00011	11.70%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 97 **Autosampler Location: 87**
Sample ID: 392854 **Date Collected: 7/25/2006 7:52:10 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:06:11 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g **Initial Sample Vol:**
Dilution: 1X **Sample Prep Vol: 50 mL**

RP KSM 7-26-06

Mean Data: 392854

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	103056.3	104.73	%	0.031				0.03%
Ar 420.067 R	750895.8	85.372	%	0.2392				0.28%
Scandium-IS	4390818.3	110.82	%	0.979				0.88%
Yttrium,7440-65-5A	2200755.1	109.11	%	0.882				0.81%
Yttrium,7440-65-5R	39143.2	86.523	%	0.5338				0.62%
Aluminum,7429-90-5†	4.7	0.018	mg/L	0.0190	0.734	mg/kg	0.7594	103.42%
Antimony,7440-36-0†	-14.9	-0.0046	mg/L	0.00311	-0.1843	mg/kg	0.12446	67.53%
Arsenic,7440-38-2†	-0.7	-0.0002	mg/L	0.00083	-0.0076	mg/kg	0.03321	437.24%
Barium,7440-39-3†	11.2	0.0000	mg/L	0.00011	0.0017	mg/kg	0.00427	244.63%
Beryllium,7440-41-7†	3.7	0.0000	mg/L	0.00002	0.0000	mg/kg	0.00099	>999.9%
Boron,7440-42-8†	1222.7	0.0166	mg/L	0.00046	0.6638	mg/kg	0.01860	2.80%
Cadmium,7440-43-9†	97.7	0.0003	mg/L	0.00003	0.0106	mg/kg	0.00127	12.04%
Calcium,7440-70-2†	73.0	0.086	mg/L	0.0016	3.459	mg/kg	0.0620	1.79%
Chromium,7440-47-3†	-44.6	-0.0002	mg/L	0.00015	-0.0084	mg/kg	0.00599	71.76%
Cobalt,7440-48-4†	23.3	0.0003	mg/L	0.00009	0.0118	mg/kg	0.00340	28.74%
Copper,7440-50-8†	-1000.8	-0.0022	mg/L	0.00015	-0.0877	mg/kg	0.00602	6.86%
Iron,7439-89-6†	-0.0	-0.0001	mg/L	0.00651	-0.0030	mg/kg	0.26033	>999.9%
Lead,7439-92-1†	1.6	0.0001	mg/L	0.00053	0.0041	mg/kg	0.02120	514.57%
Lithium,7439-93-2†	-152.8	-0.0091	mg/L	0.00206	-0.3658	mg/kg	0.08229	22.49%
Magnesium,7439-95-4†	1.5	0.0163	mg/L	0.02369	0.6507	mg/kg	0.94758	145.62%
Manganese,7439-96-5†	247.9	0.0002	mg/L	0.00001	0.0088	mg/kg	0.00051	5.82%
Molybdenum,7439-98-7†	27.0	0.0006	mg/L	0.00012	0.0260	mg/kg	0.00493	18.97%
Nickel,7440-02-0†	41.4	0.0006	mg/L	0.00031	0.0223	mg/kg	0.01241	55.71%
Potassium,7440-09-7†	345.8	0.1679	mg/L	0.02010	6.7150	mg/kg	0.80394	11.97%
Selenium,7782-49-2†	-5.3	-0.0025	mg/L	0.00216	-0.0994	mg/kg	0.08656	87.08%
Silicon,7440-21-3†	18.5	0.1486	mg/L	0.00789	5.9426	mg/kg	0.31574	5.31%
Silver,7440-22-4†	91.2	0.0002	mg/L	0.00005	0.0100	mg/kg	0.00216	21.71%
Sodium,7440-23-5†	-552.5	-0.1184	mg/L	0.00738	-4.7378	mg/kg	0.29511	6.23%
Strontium,7440-24-6†	65.3	0.0002	mg/L	0.00011	0.0093	mg/kg	0.00439	47.17%
Thallium,7440-28-0†	5.2	0.0006	mg/L	0.00101	0.0257	mg/kg	0.04044	157.16%
Tin,7440-31-5†	-23.0	-0.0016	mg/L	0.00030	-0.0635	mg/kg	0.01212	19.08%
Titanium,7440-32-6†	114.3	0.0002	mg/L	0.00003	0.0069	mg/kg	0.00124	17.96%
Vanadium,7440-62-2†	-669.5	-0.0041	mg/L	0.00019	-0.1643	mg/kg	0.00771	4.69%
Zinc,7440-66-6†	441.9	0.0018	mg/L	0.00009	0.0717	mg/kg	0.00349	4.87%
Zirconium,7440-67-7†	-250.2	-0.0004	mg/L	0.00017	-0.0178	mg/kg	0.00696	39.18%

Sequence No.: 98 **Autosampler Location: 88**
Sample ID: 392855 **Date Collected: 7/25/2006 7:58:45 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 8:06:13 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g **Initial Sample Vol:**
Dilution: 1X **Sample Prep Vol: 50 mL**

Mean Data: 392855

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	102300.2	103.96	%	0.241				0.23%
Ar 420.067 R	754052.0	85.731	%	0.1157				0.14%
Scandium-IS	4280409.0	108.03	%	0.716				0.66%

Yttrium,7440-65-5A	2123329.9	105.27 %	0.765				0.73%
Yttrium,7440-65-5R	37590.1	83.090 %	0.5470				0.66%
Aluminum,7429-90-5†	1150.8	4.522 mg/L	0.0263	180.9	mg/kg	1.05	0.58%
Antimony,7440-36-0†	1532.8	0.4744 mg/L	0.00590	18.975	mg/kg	0.2359	1.24%
Arsenic,7440-38-2†	1760.9	0.4726 mg/L	0.00426	18.904	mg/kg	0.1703	0.90%
Barium,7440-39-3†	129467.0	0.4762 mg/L	0.00567	19.049	mg/kg	0.2266	1.19%
Beryllium,7440-41-7†	2411363.4	0.4677 mg/L	0.00155	18.709	mg/kg	0.0622	0.33%
Boron,7440-42-8†	163363.6	2.2205 mg/L	0.02409	88.821	mg/kg	0.9636	1.08%
Cadmium,7440-43-9†	176666.9	0.4769 mg/L	0.00628	19.077	mg/kg	0.2512	1.32%
Calcium,7440-70-2†	3944.0	4.669 mg/L	0.0368	186.8	mg/kg	1.47	0.79%
Chromium,7440-47-3†	104354.8	0.4698 mg/L	0.00547	18.793	mg/kg	0.2188	1.16%
Cobalt,7440-48-4†	37493.3	0.4749 mg/L	0.00503	18.996	mg/kg	0.2013	1.06%
Copper,7440-50-8†	211662.4	0.4621 mg/L	0.00564	18.482	mg/kg	0.2257	1.22%
Iron,7439-89-6†	1338.3	4.4244 mg/L	0.04033	176.98	mg/kg	1.613	0.91%
Lead,7439-92-1†	7778.7	0.4814 mg/L	0.00509	19.256	mg/kg	0.2037	1.06%
Lithium,7439-93-2†	9001.2	0.5389 mg/L	0.00636	21.558	mg/kg	0.2544	1.18%
Magnesium,7439-95-4†	410.5	4.5400 mg/L	0.09906	181.60	mg/kg	3.962	2.18%
Manganese,7439-96-5†	538566.6	0.4769 mg/L	0.00535	19.077	mg/kg	0.2141	1.12%
Molybdenum,7439-98-7†	19487.1	0.4681 mg/L	0.00476	18.724	mg/kg	0.1905	1.02%
Nickel,7440-02-0†	35462.7	0.4763 mg/L	0.00558	19.052	mg/kg	0.2231	1.17%
Potassium,7440-09-7†	18500.3	8.9732 mg/L	0.07785	358.93	mg/kg	3.114	0.87%
Selenium,7782-49-2†	1015.6	0.4818 mg/L	0.00568	19.273	mg/kg	0.2271	1.18%
Silicon,7440-21-3†	35.0	0.2890 mg/L	0.00924	11.558	mg/kg	0.3696	3.20%
Silver,7440-22-4†	169924.0	0.4723 mg/L	0.00593	18.894	mg/kg	0.2373	1.26%
Sodium,7440-23-5†	80308.4	17.217 mg/L	0.1561	688.67	mg/kg	6.246	0.91%
Strontium,7440-24-6†	135071.0	0.4848 mg/L	0.00305	19.392	mg/kg	0.1220	0.63%
Thallium,7440-28-0†	3778.5	0.4872 mg/L	0.00542	19.487	mg/kg	0.2169	1.11%
Tin,7440-31-5†	6961.4	0.4811 mg/L	0.00531	19.245	mg/kg	0.2124	1.10%
Titanium,7440-32-6†	312618.7	0.4707 mg/L	0.00140	18.829	mg/kg	0.0561	0.30%
Vanadium,7440-62-2†	75774.8	0.4649 mg/L	0.00626	18.597	mg/kg	0.2504	1.35%
Zinc,7440-66-6†	115877.4	0.4658 mg/L	0.00577	18.633	mg/kg	0.2309	1.24%
Zirconium,7440-67-7†	-817.2	-0.0015 mg/L	0.00003	-0.0616	mg/kg	0.00104	1.68%

Sequence No.: 99
Sample ID: 20607201904
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

R/R 024
KM 7/26/06

Autosampler Location: 89
Date Collected: 7/25/2006 8:05:41 PM
Data Type: Reprocessed on 7/26/2006 8:06:16 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201904

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	69651.0	70.782	%	0.1690				0.24%
Ar 420.067 R	637586.8	72.490	%	0.4474				0.62%
Scandium-IS	3592314.3	90.664	%	0.5687				0.63%
Yttrium,7440-65-5A	1834514.0	90.952	%	0.5642				0.62%
Yttrium,7440-65-5R	34465.5	76.183	%	1.0560				1.39%
Aluminum,7429-90-5†	23159.9	90.82	mg/L	0.066	3633	mg/kg	2.6	0.07%
Antimony,7440-36-0†	-84.2	-0.0252	mg/L	0.00529	-1.0085	mg/kg	0.21173	20.99%
Arsenic,7440-38-2†	77.1	0.0610	mg/L	0.00168	2.4402	mg/kg	0.06719	2.75%
Barium,7440-39-3†	590751.7	2.1622	mg/L	0.00378	86.488	mg/kg	0.1512	0.17%
Beryllium,7440-41-7†	23132.1	0.0043	mg/L	0.00001	0.1732	mg/kg	0.00052	0.30%
Boron,7440-42-8†	6066.7	0.1943	mg/L	0.00182	7.7710	mg/kg	0.07298	0.94%
Cadmium,7440-43-9†	4930.4	0.0033	mg/L	0.00014	0.1335	mg/kg	0.00543	4.07%
Calcium,7440-70-2†	2849061.3	3375	mg/L	66.1	135000	mg/kg	2642.2	1.96%
Chromium,7440-47-3†	123017.1	0.5393	mg/L	0.00051	21.573	mg/kg	0.0205	0.09%
Cobalt,7440-48-4†	4803.0	0.0549	mg/L	0.00114	2.1968	mg/kg	0.04542	2.07%
Copper,7440-50-8†	622231.9	1.1648	mg/L	0.00485	46.591	mg/kg	0.1940	0.42%
Iron,7439-89-6†	61341.1	202.81	mg/L	0.684	8112.4	mg/kg	27.38	0.34%
Lead,7439-92-1†	32103.0	2.0187	mg/L	0.01476	80.749	mg/kg	0.5905	0.73%
Lithium,7439-93-2†	4356.1	0.2627	mg/L	0.00195	10.507	mg/kg	0.0779	0.74%
Magnesium,7439-95-4†	20024.6	221.46	mg/L	0.904	8858.4	mg/kg	36.16	0.41%
Manganese,7439-96-5†	5835042.5	5.1787	mg/L	0.00853	207.15	mg/kg	0.341	0.16%
Molybdenum,7439-98-7†	1058.1	0.0176	mg/L	0.00013	0.7036	mg/kg	0.00534	0.76%
Nickel,7440-02-0†	21787.6	0.2900	mg/L	0.00256	11.602	mg/kg	0.1026	0.88%
Potassium,7440-09-7†	54552.2	25.890	mg/L	0.2771	1035.6	mg/kg	11.08	1.07%
Selenium,7782-49-2†	-490.9	-0.0493	mg/L	0.00306	-1.9727	mg/kg	0.12256	6.21%
Silicon,7440-21-3†	653.6	5.5939	mg/L	0.11706	223.76	mg/kg	4.682	2.09%

Silver,7440-22-4†	-27239.6	-0.0362 mg/L	0.00067	-1.4499 mg/kg	0.02663	1.84%
Sodium,7440-23-5†	138027.8	29.580 mg/L	0.2780	1183.2 mg/kg	11.12	0.94%
Strontium,7440-24-6†	1844319.2	6.5528 mg/L	0.13013	262.11 mg/kg	5.205	1.99%
Thallium,7440-28-0†	-128.8	-0.0109 mg/L	0.00261	-0.4351 mg/kg	0.10449	24.02%
Tin,7440-31-5†	22.9	0.0847 mg/L	0.00083	3.3867 mg/kg	0.03317	0.98%
Titanium,7440-32-6†	342882.9	0.5158 mg/L	0.00467	20.633 mg/kg	0.1868	0.91%
Vanadium,7440-62-2†	45524.2	0.2732 mg/L	0.00072	10.928 mg/kg	0.0286	0.26%
Zinc,7440-66-6†	1932976.0	7.7553 mg/L	0.01691	310.21 mg/kg	0.676	0.22%
Zirconium,7440-67-7†	28505.6	0.0767 mg/L	0.00085	3.0676 mg/kg	0.03403	1.11%

Sequence No.: 100
Sample ID: 20607201905
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

R/R@24 pm 7-26-06

Autosampler Location: 90
Date Collected: 7/25/2006 8:11:52 PM
Data Type: Reprocessed on 7/26/2006 8:06:19 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201905

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	68555.1	69.668	%	0.2512				0.36%
Ar 420.067 R	616969.2	70.146	%	0.4546				0.65%
Scandium-IS	3594452.9	90.718	%	0.5237				0.58%
Yttrium,7440-65-5A	1813232.6	89.897	%	0.5019				0.56%
Yttrium,7440-65-5R	33267.5	73.535	%	0.3938				0.54%
Aluminum,7429-90-5†	26847.7	105.3	mg/L	0.40	4212	mg/kg	15.9	0.38%
Antimony,7440-36-0†	553.8	0.1655	mg/L	0.01657	6.6195	mg/kg	0.66286	10.01%
Arsenic,7440-38-2†	1809.1	0.5505	mg/L	0.01608	22.018	mg/kg	0.6431	2.92%
Barium,7440-39-3†	713324.4	2.6104	mg/L	0.01668	104.42	mg/kg	0.667	0.64%
Beryllium,7440-41-7†	2270709.7	0.4406	mg/L	0.00273	17.625	mg/kg	0.1091	0.62%
Boron,7440-42-8†	147675.1	2.2148	mg/L	0.01109	88.593	mg/kg	0.4438	0.50%
Cadmium,7440-43-9†	152067.7	0.3948	mg/L	0.00442	15.792	mg/kg	0.1767	1.12%
Calcium,7440-70-2†	2487884.1	2947	mg/L	57.4	117900	mg/kg	2297.7	1.95%
Chromium,7440-47-3†	225416.0	0.9986	mg/L	0.00677	39.946	mg/kg	0.2708	0.68%
Cobalt,7440-48-4†	36026.7	0.4475	mg/L	0.00468	17.900	mg/kg	0.1870	1.04%
Copper,7440-50-8†	867724.5	1.7345	mg/L	0.00987	69.379	mg/kg	0.3950	0.57%
Iron,7439-89-6†	101590.0	335.87	mg/L	1.823	13435	mg/kg	72.9	0.54%
Lead,7439-92-1†	41475.4	2.5943	mg/L	0.02975	103.77	mg/kg	1.190	1.15%
Lithium,7439-93-2†	15396.5	0.9245	mg/L	0.00160	36.979	mg/kg	0.0641	0.17%
Magnesium,7439-95-4†	27830.3	307.80	mg/L	0.978	12312	mg/kg	39.1	0.32%
Manganese,7439-96-5†	6092200.3	5.4053	mg/L	0.03338	216.21	mg/kg	1.335	0.62%
Molybdenum,7439-98-7†	18856.1	0.4475	mg/L	0.00414	17.902	mg/kg	0.1655	0.92%
Nickel,7440-02-0†	54860.6	0.7332	mg/L	0.00798	29.328	mg/kg	0.3192	1.09%
Potassium,7440-09-7†	76481.5	36.546	mg/L	0.3768	1461.8	mg/kg	15.07	1.03%
Selenium,7782-49-2†	222.4	0.3613	mg/L	0.00900	14.451	mg/kg	0.3601	2.49%
Silicon,7440-21-3†	578.2	5.2241	mg/L	0.04435	208.96	mg/kg	1.774	0.85%
Silver,7440-22-4†	123420.9	0.4105	mg/L	0.00293	16.422	mg/kg	0.1173	0.71%
Sodium,7440-23-5†	190737.4	40.887	mg/L	0.4256	1635.5	mg/kg	17.03	1.04%
Strontium,7440-24-6†	1347131.2	4.7763	mg/L	0.08661	191.05	mg/kg	3.464	1.81%
Thallium,7440-28-0†	2798.8	0.3659	mg/L	0.00598	14.636	mg/kg	0.2393	1.64%
Tin,7440-31-5†	5830.4	0.4735	mg/L	0.00774	18.940	mg/kg	0.3094	1.63%
Titanium,7440-32-6†	666826.5	1.0033	mg/L	0.00761	40.133	mg/kg	0.3044	0.76%
Vanadium,7440-62-2†	115916.7	0.6970	mg/L	0.00410	27.879	mg/kg	0.1639	0.59%
Zinc,7440-66-6†	2205473.5	8.8499	mg/L	0.06282	354.00	mg/kg	2.513	0.71%
Zirconium,7440-67-7†	34496.5	0.0833	mg/L	0.00102	3.3331	mg/kg	0.04073	1.22%

Sequence No.: 101
Sample ID: 20607201906
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 91
Date Collected: 7/25/2006 8:18:02 PM
Data Type: Reprocessed on 7/26/2006 8:06:21 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201906

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	70962.3	72.115	%	0.0198				0.03%

Ar 420.067 R	621793.2	70.694 %	0.2614				0.37%
Scandium-IS	3604032.4	90.960 %	0.2481				0.27%
Yttrium,7440-65-5A	1825960.1	90.528 %	0.3017				0.33%
Yttrium,7440-65-5R	32855.2	72.624 %	0.6061				0.83%
Aluminum,7429-90-5†	29765.9	116.7 mg/L	0.76	4670	mg/kg	30.4	0.65%
Antimony,7440-36-0†	714.3	0.2224 mg/L	0.00471	8.8967	mg/kg	0.18847	2.12%
Arsenic,7440-38-2†	1868.6	0.5415 mg/L	0.01261	21.662	mg/kg	0.5045	2.33%
Barium,7440-39-3†	652590.7	2.3899 mg/L	0.00310	95.598	mg/kg	0.1238	0.13%
Beryllium,7440-41-7†	2351027.5	0.4559 mg/L	0.00072	18.237	mg/kg	0.0290	0.16%
Boron,7440-42-8†	164994.7	2.3440 mg/L	0.00525	93.759	mg/kg	0.2102	0.22%
Cadmium,7440-43-9†	156394.4	0.4130 mg/L	0.00048	16.519	mg/kg	0.0192	0.12%
Calcium,7440-70-2†	2762392.7	3272 mg/L	87.2	130900	mg/kg	3488.8	2.67%
Chromium,7440-47-3†	198869.7	0.8775 mg/L	0.00141	35.101	mg/kg	0.0562	0.16%
Cobalt,7440-48-4†	36973.0	0.4626 mg/L	0.00162	18.502	mg/kg	0.0647	0.35%
Copper,7440-50-8†	738494.8	1.4240 mg/L	0.00498	56.961	mg/kg	0.1994	0.35%
Iron,7439-89-6†	58530.0	193.52 mg/L	2.238	7740.8	mg/kg	89.51	1.16%
Lead,7439-92-1†	29758.5	1.8747 mg/L	0.00454	74.986	mg/kg	0.1817	0.24%
Lithium,7439-93-2†	16705.0	1.0021 mg/L	0.01097	40.085	mg/kg	0.4388	1.09%
Magnesium,7439-95-4†	25178.2	278.40 mg/L	1.901	11136	mg/kg	76.1	0.68%
Manganese,7439-96-5†	5436807.6	4.8261 mg/L	0.00722	193.04	mg/kg	0.289	0.15%
Molybdenum,7439-98-7†	18933.1	0.4472 mg/L	0.00177	17.887	mg/kg	0.0710	0.40%
Nickel,7440-02-0†	48669.6	0.6512 mg/L	0.00096	26.049	mg/kg	0.0384	0.15%
Potassium,7440-09-7†	86576.5	41.435 mg/L	0.6209	1657.4	mg/kg	24.84	1.50%
Selenium,7782-49-2†	513.8	0.4169 mg/L	0.00789	16.676	mg/kg	0.3156	1.89%
Silicon,7440-21-3†	457.4	3.9814 mg/L	0.03589	159.25	mg/kg	1.436	0.90%
Silver,7440-22-4†	159208.4	0.4792 mg/L	0.00037	19.166	mg/kg	0.0146	0.08%
Sodium,7440-23-5†	238243.3	51.059 mg/L	0.7298	2042.4	mg/kg	29.19	1.43%
Strontium,7440-24-6†	2043634.5	7.2704 mg/L	0.18857	290.82	mg/kg	7.543	2.59%
Thallium,7440-28-0†	3085.7	0.4019 mg/L	0.00626	16.076	mg/kg	0.2502	1.56%
Tin,7440-31-5†	5844.9	0.4849 mg/L	0.00300	19.397	mg/kg	0.1200	0.62%
Titanium,7440-32-6†	609453.5	0.9173 mg/L	0.00516	36.691	mg/kg	0.2062	0.56%
Vanadium,7440-62-2†	117071.1	0.7144 mg/L	0.00124	28.577	mg/kg	0.0498	0.17%
Zinc,7440-66-6†	1687652.1	6.7573 mg/L	0.00601	270.29	mg/kg	0.240	0.09%
Zirconium,7440-67-7†	34904.3	0.0873 mg/L	0.00062	3.4901	mg/kg	0.02477	0.71%

Sequence No.: 102
Sample ID: 394096
Analyst:
Logged In Analyst (Original) Comet
Initial Sample Wt: 1.25 g
Dilution: 1X

RK Nm 7-26-06 JP

Autosampler Location: 92
Date Collected: 7/25/2006 8:24:12 PM
Data Type: Reprocessed on 7/26/2006 8:06:23 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 394096

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	71667.5	72.831	%	0.1266				0.17%
Ar 420.067 R	609909.0	69.343	%	0.1921				0.28%
Scandium-IS	3601911.6	90.907	%	0.5942				0.65%
Yttrium,7440-65-5A	1855368.4	91.986	%	0.5764				0.63%
Yttrium,7440-65-5R	32046.3	70.836	%	1.2771				1.80%
Aluminum,7429-90-5†	23516.2	92.23	mg/L	0.062	3689	mg/kg	2.5	0.07%
Antimony,7440-36-0†	1457.9	0.4521	mg/L	0.01539	18.086	mg/kg	0.6155	3.40%
Arsenic,7440-38-2†	1947.1	0.5609	mg/L	0.01302	22.438	mg/kg	0.5207	2.32%
Barium,7440-39-3†	695141.1	2.5466	mg/L	0.00971	101.86	mg/kg	0.388	0.38%
Beryllium,7440-41-7†	2322424.4	0.4503	mg/L	0.00151	18.012	mg/kg	0.0603	0.33%
Boron,7440-42-8†	184360.8	2.6121	mg/L	0.00776	104.48	mg/kg	0.310	0.30%
Cadmium,7440-43-9†	155682.4	0.4107	mg/L	0.00493	16.428	mg/kg	0.1972	1.20%
Calcium,7440-70-2†	2759087.4	3268	mg/L	97.8	130700	mg/kg	3911.8	2.99%
Chromium,7440-47-3†	217203.8	0.9638	mg/L	0.00435	38.553	mg/kg	0.1740	0.45%
Cobalt,7440-48-4†	36786.0	0.4602	mg/L	0.00555	18.406	mg/kg	0.2222	1.21%
Copper,7440-50-8†	835853.1	1.6374	mg/L	0.01089	65.497	mg/kg	0.4355	0.66%
Iron,7439-89-6†	59944.5	198.19	mg/L	1.019	7927.7	mg/kg	40.77	0.51%
Lead,7439-92-1†	39058.6	2.4481	mg/L	0.02630	97.924	mg/kg	1.0521	1.07%
Lithium,7439-93-2†	16481.4	0.9886	mg/L	0.01474	39.542	mg/kg	0.5896	1.49%
Magnesium,7439-95-4†	19722.6	218.12	mg/L	1.179	8724.8	mg/kg	47.17	0.54%
Manganese,7439-96-5†	6202596.1	5.5038	mg/L	0.01916	220.15	mg/kg	0.767	0.35%
Molybdenum,7439-98-7†	19155.8	0.4525	mg/L	0.00501	18.102	mg/kg	0.2005	1.11%
Nickel,7440-02-0†	51612.6	0.6907	mg/L	0.00874	27.628	mg/kg	0.3497	1.27%
Potassium,7440-09-7†	75077.9	35.867	mg/L	0.7729	1434.7	mg/kg	30.92	2.16%

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Selenium,7782-49-2†	586.7	0.4543	mg/L	0.01410	18.172	mg/kg	0.5642	3.10%
Silicon,7440-21-3†	636.6	5.4491	mg/L	0.07888	217.97	mg/kg	3.155	1.45%
Silver,7440-22-4†	158815.3	0.4790	mg/L	0.00143	19.160	mg/kg	0.0573	0.30%
Sodium,7440-23-5†	223177.7	47.835	mg/L	1.0230	1913.4	mg/kg	40.92	2.14%
Strontium,7440-24-6†	1975305.1	7.0252	mg/L	0.21699	281.01	mg/kg	8.680	3.09%
Thallium,7440-28-0†	3085.1	0.4041	mg/L	0.00941	16.162	mg/kg	0.3763	2.33%
Tin,7440-31-5†	6069.9	0.4999	mg/L	0.00555	19.997	mg/kg	0.2222	1.11%
Titanium,7440-32-6†	625226.1	0.9410	mg/L	0.01037	37.639	mg/kg	0.4148	1.10%
Vanadium,7440-62-2†	118717.5	0.7227	mg/L	0.00296	28.906	mg/kg	0.1182	0.41%
Zinc,7440-66-6†	2025410.4	8.1297	mg/L	0.03290	325.19	mg/kg	1.316	0.40%
Zirconium,7440-67-7†	28791.1	0.0763	mg/L	0.00045	3.0504	mg/kg	0.01820	0.60%

Sequence No.: 103
Sample ID: 394097
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 5X

Kam 7-26-06

Autosampler Location: 93
Date Collected: 7/25/2006 8:30:22 PM
Data Type: Reprocessed on 7/26/2006 8:06:26 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 394097

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	86876.5	88.287	%	0.0945				0.11%
Ar 420.067 R	650464.7	73.954	%	0.1341				0.18%
Scandium-IS	3899527.2	98.418	%	0.5431				0.55%
Yttrium,7440-65-5A	1945824.5	96.470	%	0.4799				0.50%
Yttrium,7440-65-5R	31882.3	70.473	%	0.6361				0.90%
Aluminum,7429-90-5†	4387.7	17.21	mg/L	0.180	3441	mg/kg	35.9	1.04%
Antimony,7440-36-0†	-26.3	-0.0079	mg/L	0.00113	-1.5853	mg/kg	0.22675	14.30%
Arsenic,7440-38-2†	-7.8	0.0057	mg/L	0.00054	1.1382	mg/kg	0.10787	9.48%
Barium,7440-39-3†	121427.0	0.4445	mg/L	0.00452	88.895	mg/kg	0.9049	1.02%
Beryllium,7440-41-7†	4409.5	0.0008	mg/L	0.00003	0.1640	mg/kg	0.00552	3.36%
Boron,7440-42-8†	5294.6	0.0937	mg/L	0.00204	18.743	mg/kg	0.4085	2.18%
Cadmium,7440-43-9†	1079.3	0.0009	mg/L	0.00011	0.1866	mg/kg	0.02230	11.95%
Calcium,7440-70-2†	589477.3	698.2	mg/L	4.68	139600	mg/kg	936.0	0.67%
Chromium,7440-47-3†	25994.1	0.1142	mg/L	0.00088	22.848	mg/kg	0.1761	0.77%
Cobalt,7440-48-4†	999.3	0.0115	mg/L	0.00011	2.2993	mg/kg	0.02150	0.93%
Copper,7440-50-8†	120742.0	0.2234	mg/L	0.00303	44.683	mg/kg	0.6060	1.36%
Iron,7439-89-6†	12107.5	40.031	mg/L	0.1154	8006.2	mg/kg	23.09	0.29%
Lead,7439-92-1†	6982.9	0.4387	mg/L	0.00369	87.741	mg/kg	0.7371	0.84%
Lithium,7439-93-2†	823.9	0.0497	mg/L	0.00473	9.9395	mg/kg	0.94601	9.52%
Magnesium,7439-95-4†	3942.0	43.597	mg/L	0.5233	8719.4	mg/kg	104.66	1.20%
Manganese,7439-96-5†	1207012.4	1.0712	mg/L	0.01001	214.24	mg/kg	2.001	0.93%
Molybdenum,7439-98-7†	339.9	0.0065	mg/L	0.00022	1.3052	mg/kg	0.04435	3.40%
Nickel,7440-02-0†	4697.3	0.0626	mg/L	0.00059	12.516	mg/kg	0.1182	0.94%
Potassium,7440-09-7†	9537.6	4.5085	mg/L	0.07034	901.71	mg/kg	14.068	1.56%
Selenium,7782-49-2†	-128.2	-0.0239	mg/L	0.00387	-4.7839	mg/kg	0.77471	16.19%
Silicon,7440-21-3†	139.5	1.1888	mg/L	0.05540	237.75	mg/kg	11.080	4.66%
Silver,7440-22-4†	-3664.2	-0.0025	mg/L	0.00019	-0.4907	mg/kg	0.03758	7.66%
Sodium,7440-23-5†	24074.1	5.1590	mg/L	0.05721	1031.8	mg/kg	11.44	1.11%
Strontium,7440-24-6†	374074.5	1.3288	mg/L	0.00752	265.76	mg/kg	1.504	0.57%
Thallium,7440-28-0†	4.7	0.0017	mg/L	0.00074	0.3387	mg/kg	0.14747	43.54%
Tin,7440-31-5†	-250.0	0.0000	mg/L	0.00138	-0.0097	mg/kg	0.27658	>999.9%
Titanium,7440-32-6†	66523.4	0.1001	mg/L	0.00227	20.015	mg/kg	0.4548	2.27%
Vanadium,7440-62-2†	7599.7	0.0454	mg/L	0.00026	9.0891	mg/kg	0.05124	0.56%
Zinc,7440-66-6†	387055.2	1.5525	mg/L	0.01613	310.51	mg/kg	3.226	1.04%
Zirconium,7440-67-7†	-674.6	0.0042	mg/L	0.00024	0.8399	mg/kg	0.04864	5.79%

Sequence No.: 104
Sample ID: ----
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 94
Date Collected: 7/25/2006 8:37:04 PM
Data Type: Reprocessed on 7/26/2006 8:06:28 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ----

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	104348.9	106.04	%	0.201				0.19%
Ar 420.067 R	703318.0	79.963	%	0.2070				0.26%
Scandium-IS	4315255.8	108.91	%	0.525				0.48%
Yttrium,7440-65-5A	2183324.1	108.25	%	0.448				0.41%
Yttrium,7440-65-5R	33754.1	74.611	%	0.7576				1.02%
Aluminum,7429-90-5†	3.9	0.015	mg/L	0.0180	0.015	mg/L	0.0180	118.70%
Antimony,7440-36-0†	-4.6	-0.0014	mg/L	0.00221	-0.0014	mg/L	0.00221	153.83%
Arsenic,7440-38-2†	5.2	0.0014	mg/L	0.00051	0.0014	mg/L	0.00051	37.35%
Barium,7440-39-3†	22.5	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	69.04%
Beryllium,7440-41-7†	-14.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	357.35%
Boron,7440-42-8†	2025.6	0.0275	mg/L	0.00077	0.0275	mg/L	0.00077	2.80%
Cadmium,7440-43-9†	-6.1	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	393.08%
Calcium,7440-70-2†	275.1	0.326	mg/L	0.5112	0.326	mg/L	0.5112	156.91%
Chromium,7440-47-3†	-41.7	-0.0002	mg/L	0.00007	-0.0002	mg/L	0.00007	36.28%
Cobalt,7440-48-4†	17.2	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	65.89%
Copper,7440-50-8†	-812.0	-0.0018	mg/L	0.00019	-0.0018	mg/L	0.00019	10.82%
Iron,7439-89-6†	11.0	0.0362	mg/L	0.04723	0.0362	mg/L	0.04723	130.45%
Lead,7439-92-1†	-14.4	-0.0009	mg/L	0.00114	-0.0009	mg/L	0.00114	128.66%
Lithium,7439-93-2†	-2.9	-0.0002	mg/L	0.00026	-0.0002	mg/L	0.00026	148.16%
Magnesium,7439-95-4†	8.2	0.0912	mg/L	0.14378	0.0912	mg/L	0.14378	157.70%
Manganese,7439-96-5†	1650.3	0.0015	mg/L	0.00003	0.0015	mg/L	0.00003	2.29%
Molybdenum,7439-98-7†	35.1	0.0008	mg/L	0.00008	0.0008	mg/L	0.00008	9.07%
Nickel,7440-02-0†	21.0	0.0003	mg/L	0.00036	0.0003	mg/L	0.00036	128.51%
Potassium,7440-09-7†	428.0	0.2077	mg/L	0.04073	0.2077	mg/L	0.04073	19.61%
Selenium,7782-49-2†	-8.6	-0.0040	mg/L	0.00232	-0.0040	mg/L	0.00232	57.61%
Silicon,7440-21-3†	34.7	0.2797	mg/L	0.03111	0.2797	mg/L	0.03111	11.12%
Silver,7440-22-4†	101.0	0.0003	mg/L	0.00016	0.0003	mg/L	0.00016	56.40%
Sodium,7440-23-5†	1.0	0.0002	mg/L	0.02116	0.0002	mg/L	0.02116	>999.9%
Strontium,7440-24-6†	134.8	0.0005	mg/L	0.00018	0.0005	mg/L	0.00018	37.95%
Thallium,7440-28-0†	9.2	0.0012	mg/L	0.00094	0.0012	mg/L	0.00094	81.44%
Tin,7440-31-5†	-70.8	-0.0049	mg/L	0.00078	-0.0049	mg/L	0.00078	16.01%
Titanium,7440-32-6†	18.6	0.0000	mg/L	0.00011	0.0000	mg/L	0.00011	387.07%
Vanadium,7440-62-2†	-569.4	-0.0035	mg/L	0.00015	-0.0035	mg/L	0.00015	4.41%
Zinc,7440-66-6†	-1115.1	-0.0045	mg/L	0.00009	-0.0045	mg/L	0.00009	1.98%
Zirconium,7440-67-7†	-321.9	-0.0006	mg/L	0.00007	-0.0006	mg/L	0.00007	11.48%

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Sequence No.: 105
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

KBM 7-26-06

Autosampler Location: 95
Date Collected: 7/25/2006 8:43:40 PM
Data Type: Reprocessed on 7/26/2006 8:06:30 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	104805.8	106.51	%	0.260				0.24%
Ar 420.067 R	708071.4	80.503	%	0.1778				0.22%
Scandium-IS	4364274.2	110.15	%	0.747				0.68%
Yttrium,7440-65-5A	2207122.7	109.42	%	0.727				0.66%
Yttrium,7440-65-5R	34262.3	75.734	%	0.4449				0.59%
Aluminum,7429-90-5†	7.8	0.031	mg/L	0.0239	0.031	mg/L	0.0239	77.72%
Antimony,7440-36-0†	-8.7	-0.0027	mg/L	0.00131	-0.0027	mg/L	0.00131	48.70%
Arsenic,7440-38-2†	-1.5	-0.0004	mg/L	0.00038	-0.0004	mg/L	0.00038	97.35%
Barium,7440-39-3†	49.4	0.0002	mg/L	0.00024	0.0002	mg/L	0.00024	129.10%
Beryllium,7440-41-7†	-67.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	104.34%
Boron,7440-42-8†	1435.2	0.0195	mg/L	0.00078	0.0195	mg/L	0.00078	4.00%
Cadmium,7440-43-9†	1.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	552.69%
Calcium,7440-70-2†	19.2	0.023	mg/L	0.0276	0.023	mg/L	0.0276	121.67%
Chromium,7440-47-3†	-45.7	-0.0002	mg/L	0.00006	-0.0002	mg/L	0.00006	28.27%
Cobalt,7440-48-4†	21.4	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	38.59%
Copper,7440-50-8†	-774.6	-0.0017	mg/L	0.00004	-0.0017	mg/L	0.00004	2.41%
Iron,7439-89-6†	-0.5	-0.0017	mg/L	0.00788	-0.0017	mg/L	0.00788	453.34%
Lead,7439-92-1†	0.7	0.0000	mg/L	0.00074	0.0000	mg/L	0.00074	>999.9%
Lithium,7439-93-2†	-15.9	-0.0010	mg/L	0.00593	-0.0010	mg/L	0.00593	621.47%
Magnesium,7439-95-4†	1.4	0.0153	mg/L	0.02613	0.0153	mg/L	0.02613	171.28%
Manganese,7439-96-5†	36.3	0.0000	mg/L	0.00043	0.0000	mg/L	0.00043	>999.9%
Molybdenum,7439-98-7†	24.5	0.0006	mg/L	0.00010	0.0006	mg/L	0.00010	16.86%

Nickel,7440-02-0†	20.5	0.0003 mg/L	0.00022	0.0003 mg/L	0.00022	78.93%
Potassium,7440-09-7†	456.6	0.2217 mg/L	0.02595	0.2217 mg/L	0.02595	11.71%
Selenium,7782-49-2†	-0.4	-0.0002 mg/L	0.00496	-0.0002 mg/L	0.00496	>999.9%
Silicon,7440-21-3†	34.5	0.2774 mg/L	0.03490	0.2774 mg/L	0.03490	12.58%
Silver,7440-22-4†	131.4	0.0004 mg/L	0.00014	0.0004 mg/L	0.00014	39.86%
Sodium,7440-23-5†	-542.3	-0.1163 mg/L	0.00909	-0.1163 mg/L	0.00909	7.82%
Strontium,7440-24-6†	110.6	0.0004 mg/L	0.00012	0.0004 mg/L	0.00012	30.16%
Thallium,7440-28-0†	10.3	0.0013 mg/L	0.00051	0.0013 mg/L	0.00051	39.31%
Tin,7440-31-5†	-70.4	-0.0049 mg/L	0.00066	-0.0049 mg/L	0.00066	13.51%
Titanium,7440-32-6†	-23.8	0.0000 mg/L	0.00006	0.0000 mg/L	0.00006	158.72%
Vanadium,7440-62-2†	-481.5	-0.0030 mg/L	0.00029	-0.0030 mg/L	0.00029	9.75%
Zinc,7440-66-6†	-1255.4	-0.0051 mg/L	0.00013	-0.0051 mg/L	0.00013	2.55%
Zirconium,7440-67-7†	-370.5	-0.0007 mg/L	0.00019	-0.0007 mg/L	0.00019	29.05%

Sequence No.: 106
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Rerun 7-26-06

Autosampler Location: 96
Date Collected: 7/25/2006 8:50:16 PM
Data Type: Reprocessed on 7/26/2006 8:06:33 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	105255.1	106.96	%	0.028				0.03%
Ar 420.067 R	714552.1	81.240	%	0.0608				0.07%
Scandium-IS	4305020.7	108.65	%	1.602				1.47%
Yttrium,7440-65-5A	2178698.0	108.02	%	1.598				1.48%
Yttrium,7440-65-5R	33735.8	74.570	%	0.6699				0.90%
Aluminum,7429-90-5†	2.9	0.011	mg/L	0.0092	0.011	mg/L	0.0092	80.56%
Antimony,7440-36-0†	-13.1	-0.0040	mg/L	0.00164	-0.0040	mg/L	0.00164	40.55%
Arsenic,7440-38-2†	1.9	0.0005	mg/L	0.00124	0.0005	mg/L	0.00124	247.99%
Barium,7440-39-3†	-14.6	-0.0001	mg/L	0.00007	-0.0001	mg/L	0.00007	134.31%
Beryllium,7440-41-7†	-32.1	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	547.52%
Boron,7440-42-8†	1112.1	0.0151	mg/L	0.00081	0.0151	mg/L	0.00081	5.35%
Cadmium,7440-43-9†	-29.7	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	63.61%
Calcium,7440-70-2†	-7.1	-0.008	mg/L	0.0072	-0.008	mg/L	0.0072	85.17%
Chromium,7440-47-3†	-34.1	-0.0002	mg/L	0.00010	-0.0002	mg/L	0.00010	64.38%
Cobalt,7440-48-4†	6.1	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	127.86%
Copper,7440-50-8†	-780.9	-0.0017	mg/L	0.00006	-0.0017	mg/L	0.00006	3.41%
Iron,7439-89-6†	-1.2	-0.0038	mg/L	0.00614	-0.0038	mg/L	0.00614	160.58%
Lead,7439-92-1†	-8.5	-0.0005	mg/L	0.00037	-0.0005	mg/L	0.00037	70.48%
Lithium,7439-93-2†	7.6	0.0005	mg/L	0.00137	0.0005	mg/L	0.00137	298.82%
Magnesium,7439-95-4†	0.2	0.0023	mg/L	0.01279	0.0023	mg/L	0.01279	546.45%
Manganese,7439-96-5†	-510.1	-0.0005	mg/L	0.00003	-0.0005	mg/L	0.00003	7.30%
Molybdenum,7439-98-7†	24.8	0.0006	mg/L	0.00031	0.0006	mg/L	0.00031	51.32%
Nickel,7440-02-0†	9.1	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	40.92%
Potassium,7440-09-7†	311.0	0.1510	mg/L	0.03701	0.1510	mg/L	0.03701	24.52%
Selenium,7782-49-2†	-4.2	-0.0020	mg/L	0.00212	-0.0020	mg/L	0.00212	106.77%
Silicon,7440-21-3†	36.1	0.2906	mg/L	0.00525	0.2906	mg/L	0.00525	1.81%
Silver,7440-22-4†	60.5	0.0002	mg/L	0.00015	0.0002	mg/L	0.00015	94.08%
Sodium,7440-23-5†	-675.6	-0.1448	mg/L	0.00594	-0.1448	mg/L	0.00594	4.10%
Strontium,7440-24-6†	187.8	0.0007	mg/L	0.00004	0.0007	mg/L	0.00004	5.81%
Thallium,7440-28-0†	3.1	0.0004	mg/L	0.00092	0.0004	mg/L	0.00092	239.41%
Tin,7440-31-5†	-67.3	-0.0046	mg/L	0.00024	-0.0046	mg/L	0.00024	5.07%
Titanium,7440-32-6†	3.9	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010	>999.9%
Vanadium,7440-62-2†	-460.2	-0.0028	mg/L	0.00045	-0.0028	mg/L	0.00045	16.05%
Zinc,7440-66-6†	-1368.3	-0.0056	mg/L	0.00011	-0.0056	mg/L	0.00011	2.02%
Zirconium,7440-67-7†	-469.1	-0.0008	mg/L	0.00020	-0.0008	mg/L	0.00020	24.56%

Sequence No.: 107
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/25/2006 8:56:52 PM
Data Type: Reprocessed on 7/26/2006 8:06:35 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.258 A	101783.9	103.44	%	0.323				0.31%
Ar 420.067 R	694699.0	78.983	%	0.2184				0.28%
Scandium-IS	4230347.1	106.77	%	0.573				0.54%
Yttrium,7440-65-5A	2109608.8	104.59	%	0.532				0.51%
Yttrium,7440-65-5R	32538.5	71.924	%	0.6013				0.84%
Aluminum,7429-90-5†	1097.4	4.313	mg/L	0.0258	4.313	mg/L	0.0258	0.60%
QC value less than the lower limit for Aluminum,7429-90-5 Recovery = 86.25%								
Antimony,7440-36-0†	1562.1	0.4834	mg/L	0.00361	0.4834	mg/L	0.00361	0.75%
QC value within limits for Antimony,7440-36-0 Recovery = 96.69%								
Arsenic,7440-38-2†	1718.7	0.4613	mg/L	0.00196	0.4613	mg/L	0.00196	0.43%
QC value within limits for Arsenic,7440-38-2 Recovery = 92.25%								
Barium,7440-39-3†	130539.7	0.4802	mg/L	0.00220	0.4802	mg/L	0.00220	0.46%
QC value within limits for Barium,7440-39-3 Recovery = 96.04%								
Beryllium,7440-41-7†	2461814.9	0.4775	mg/L	0.00099	0.4775	mg/L	0.00099	0.21%
QC value within limits for Beryllium,7440-41-7 Recovery = 95.50%								
Boron,7440-42-8†	176946.1	2.4047	mg/L	0.01038	2.4047	mg/L	0.01038	0.43%
QC value within limits for Boron,7440-42-8 Recovery = 96.19%								
Cadmium,7440-43-9†	179009.5	0.4833	mg/L	0.00178	0.4833	mg/L	0.00178	0.37%
QC value within limits for Cadmium,7440-43-9 Recovery = 96.65%								
Calcium,7440-70-2†	3986.4	4.720	mg/L	0.0531	4.720	mg/L	0.0531	1.13%
QC value within limits for Calcium,7440-70-2 Recovery = 94.39%								
Chromium,7440-47-3†	106393.2	0.4790	mg/L	0.00220	0.4790	mg/L	0.00220	0.46%
QC value within limits for Chromium,7440-47-3 Recovery = 95.81%								
Cobalt,7440-48-4†	37665.0	0.4771	mg/L	0.00230	0.4771	mg/L	0.00230	0.48%
QC value within limits for Cobalt,7440-48-4 Recovery = 95.41%								
Copper,7440-50-8†	217028.4	0.4738	mg/L	0.00303	0.4738	mg/L	0.00303	0.64%
QC value within limits for Copper,7440-50-8 Recovery = 94.75%								
Iron,7439-89-6†	1252.5	4.1410	mg/L	0.02752	4.1410	mg/L	0.02752	0.66%
QC value less than the lower limit for Iron,7439-89-6 Recovery = 82.82%								
Lead,7439-92-1†	7708.6	0.4770	mg/L	0.00127	0.4770	mg/L	0.00127	0.27%
QC value within limits for Lead,7439-92-1 Recovery = 95.41%								
Lithium,7439-93-2†	10250.3	0.6137	mg/L	0.01785	0.6137	mg/L	0.01785	2.91%
QC value greater than the upper limit for Lithium,7439-93-2 Recovery = 122.74%								
Magnesium,7439-95-4†	384.3	4.2502	mg/L	0.05035	4.2502	mg/L	0.05035	1.18%
QC value less than the lower limit for Magnesium,7439-95-4 Recovery = 85.00%								
Manganese,7439-96-5†	555298.8	0.4917	mg/L	0.00233	0.4917	mg/L	0.00233	0.47%
QC value within limits for Manganese,7439-96-5 Recovery = 98.35%								
Molybdenum,7439-98-7†	19641.0	0.4718	mg/L	0.00158	0.4718	mg/L	0.00158	0.34%
QC value within limits for Molybdenum,7439-98-7 Recovery = 94.36%								
Nickel,7440-02-0†	35827.3	0.4812	mg/L	0.00175	0.4812	mg/L	0.00175	0.36%
QC value within limits for Nickel,7440-02-0 Recovery = 96.24%								
Potassium,7440-09-7†	18128.9	8.7929	mg/L	0.06827	8.7929	mg/L	0.06827	0.78%
QC value less than the lower limit for Potassium,7440-09-7 Recovery = 87.93%								
Selenium,7782-49-2†	1016.5	0.4821	mg/L	0.00490	0.4821	mg/L	0.00490	1.02%
QC value within limits for Selenium,7782-49-2 Recovery = 96.42%								
Silicon,7440-21-3†	84.6	0.6878	mg/L	0.01292	0.6878	mg/L	0.01292	1.88%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 137.56%								
Silver,7440-22-4†	172332.2	0.4790	mg/L	0.00219	0.4790	mg/L	0.00219	0.46%
QC value within limits for Silver,7440-22-4 Recovery = 95.79%								
Sodium,7440-23-5†	75933.1	16.279	mg/L	0.2010	16.279	mg/L	0.2010	1.23%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 81.39%								
Strontium,7440-24-6†	140361.9	0.5038	mg/L	0.00375	0.5038	mg/L	0.00375	0.75%
QC value within limits for Strontium,7440-24-6 Recovery = 100.76%								
Thallium,7440-28-0†	3740.4	0.4824	mg/L	0.00283	0.4824	mg/L	0.00283	0.59%
QC value within limits for Thallium,7440-28-0 Recovery = 96.48%								
Tin,7440-31-5†	6879.1	0.4755	mg/L	0.00202	0.4755	mg/L	0.00202	0.42%
QC value within limits for Tin,7440-31-5 Recovery = 95.09%								
Titanium,7440-32-6†	316867.6	0.4771	mg/L	0.00116	0.4771	mg/L	0.00116	0.24%
QC value within limits for Titanium,7440-32-6 Recovery = 95.42%								
Vanadium,7440-62-2†	76771.4	0.4711	mg/L	0.00239	0.4711	mg/L	0.00239	0.51%
QC value within limits for Vanadium,7440-62-2 Recovery = 94.21%								
Zinc,7440-66-6†	120467.3	0.4844	mg/L	0.00180	0.4844	mg/L	0.00180	0.37%
QC value within limits for Zinc,7440-66-6 Recovery = 96.89%								
Zirconium,7440-67-7†	266421.2	0.4732	mg/L	0.00196	0.4732	mg/L	0.00196	0.41%
QC value within limits for Zirconium,7440-67-7 Recovery = 94.64%								

QC Failed. Continue with analysis.

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Sequence No.: 108
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2006 9:03:45 PM
Data Type: Reprocessed on 7/26/2006 8:06:38 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	102493.7	104.16	%	0.592				0.57%
Ar 420.067 R	696908.6	79.234	%	0.2701				0.34%
Scandium-IS	4282318.2	108.08	%	0.397				0.37%
Yttrium,7440-65-5A	2167538.7	107.46	%	0.335				0.31%
Yttrium,7440-65-5R	32821.4	72.549	%	0.5614				0.77%
Aluminum,7429-90-5†	1.1	0.004	mg/L	0.0062	0.004	mg/L	0.0062	145.04%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-0.3	-0.0001	mg/L	0.00307	-0.0001	mg/L	0.00307	>999.9%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	2.0	0.0005	mg/L	0.00288	0.0005	mg/L	0.00288	535.09%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	69.1	0.0003	mg/L	0.00016	0.0003	mg/L	0.00016	62.41%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	645.2	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	19.05%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	2911.8	0.0395	mg/L	0.00160	0.0395	mg/L	0.00160	4.04%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	21.7	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	49.20%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	147.8	0.175	mg/L	0.0225	0.175	mg/L	0.0225	12.84%
QC value greater than the upper limit for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	21.0	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	83.60%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	19.2	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	66.45%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-728.3	-0.0016	mg/L	0.00020	-0.0016	mg/L	0.00020	12.37%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	7.1	0.0234	mg/L	0.00182	0.0234	mg/L	0.00182	7.80%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	9.3	0.0006	mg/L	0.00046	0.0006	mg/L	0.00046	79.41%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	-49.9	-0.0030	mg/L	0.00344	-0.0030	mg/L	0.00344	115.29%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	-0.2	-0.0023	mg/L	0.00901	-0.0023	mg/L	0.00901	385.02%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	955.8	0.0008	mg/L	0.00014	0.0008	mg/L	0.00014	16.84%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	52.6	0.0013	mg/L	0.00033	0.0013	mg/L	0.00033	25.78%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	44.6	0.0006	mg/L	0.00019	0.0006	mg/L	0.00019	31.04%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	291.4	0.1414	mg/L	0.02409	0.1414	mg/L	0.02409	17.03%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	-3.7	-0.0017	mg/L	0.00423	-0.0017	mg/L	0.00423	243.48%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	36.4	0.2928	mg/L	0.03448	0.2928	mg/L	0.03448	11.77%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	146.6	0.0004	mg/L	0.00026	0.0004	mg/L	0.00026	62.48%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-433.0	-0.0928	mg/L	0.00064	-0.0928	mg/L	0.00064	0.69%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	290.2	0.0010	mg/L	0.00021	0.0010	mg/L	0.00021	19.77%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	10.0	0.0013	mg/L	0.00038	0.0013	mg/L	0.00038	30.35%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-26.1	-0.0018	mg/L	0.00018	-0.0018	mg/L	0.00018	10.21%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6†	135.5	0.0002	mg/L	0.00022	0.0002	mg/L	0.00022	108.04%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated								
Vanadium,7440-62-2†	-507.5	-0.0031	mg/L	0.00018	-0.0031	mg/L	0.00018	5.94%

QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated

Zinc,7440-66-6†	-203.8	-0.0008 mg/L	0.00005	-0.0008 mg/L	0.00005	5.64%

QC value within limits for Zinc,7440-66-6 Recovery = Not calculated

Zirconium,7440-67-7†	437.7	0.0008 mg/L	0.00028	0.0008 mg/L	0.00028	35.82%

QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated
QC Failed. Continue with analysis.

==========

Sequence No.: 109
Sample ID: 20607201901
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

HBM 7-24-06

Autosampler Location: 97
Date Collected: 7/25/2006 9:10:18 PM
Data Type: Reprocessed on 7/26/2006 8:06:40 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201901

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	81069.6	82.386	%	0.3074				0.37%
Ar 420.067 R	617363.1	70.190	%	0.2794				0.40%
Scandium-IS	3848924.4	97.141	%	0.3106				0.32%
Yttrium,7440-65-5A	2178351.0	108.00	%	0.302				0.28%
Yttrium,7440-65-5R	35108.6	77.605	%	0.5173				0.67%
Aluminum,7429-90-5†	57769.8	226.6	mg/L	0.40	8994	mg/kg	15.9	0.18%
Antimony,7440-36-0†	-172.3	-0.0580	mg/L	0.00428	-2.2997	mg/kg	0.17004	7.39%
Arsenic,7440-38-2†	82.1	0.0957	mg/L	0.00402	3.7988	mg/kg	0.15954	4.20%
Barium,7440-39-3†	912794.7	3.3511	mg/L	0.00158	132.98	mg/kg	0.063	0.05%
Beryllium,7440-41-7†	76889.3	0.0144	mg/L	0.00002	0.5734	mg/kg	0.00069	0.12%
Boron,7440-42-8†	9839.0	0.2925	mg/L	0.00124	11.607	mg/kg	0.0491	0.42%
Cadmium,7440-43-9†	5419.8	0.0035	mg/L	0.00013	0.1402	mg/kg	0.00518	3.70%
Calcium,7440-70-2†	895682.8	1061	mg/L	10.9	42100	mg/kg	431.0	1.02%
Chromium,7440-47-3†	169697.2	0.7309	mg/L	0.00031	29.004	mg/kg	0.0121	0.04%
Cobalt,7440-48-4†	7104.8	0.0807	mg/L	0.00065	3.2033	mg/kg	0.02567	0.80%
Copper,7440-50-8†	139512.4	0.2506	mg/L	0.00044	9.9443	mg/kg	0.01743	0.18%
Iron,7439-89-6†	75400.3	249.27	mg/L	0.994	9891.6	mg/kg	39.46	0.40%
Lead,7439-92-1†	5593.2	0.3709	mg/L	0.00058	14.720	mg/kg	0.0230	0.16%
Lithium,7439-93-2†	6024.2	0.3630	mg/L	0.00335	14.405	mg/kg	0.1330	0.92%
Magnesium,7439-95-4†	23634.1	261.34	mg/L	0.585	10371	mg/kg	23.2	0.22%
Manganese,7439-96-5†	8759220.3	7.7623	mg/L	0.00476	308.03	mg/kg	0.189	0.06%
Molybdenum,7439-98-7†	456.5	0.0111	mg/L	0.00092	0.4408	mg/kg	0.03664	8.31%
Nickel,7440-02-0†	15828.6	0.2085	mg/L	0.00197	8.2737	mg/kg	0.07832	0.95%
Potassium,7440-09-7†	127134.0	61.433	mg/L	0.4759	2437.8	mg/kg	18.89	0.77%
Selenium,7782-49-2†	-565.0	-0.1036	mg/L	0.01571	-4.1099	mg/kg	0.62323	15.16%
Silicon,7440-21-3†	623.2	5.4299	mg/L	0.07151	215.47	mg/kg	2.838	1.32%
Silver,7440-22-4†	-45857.4	-0.0756	mg/L	0.00075	-3.0002	mg/kg	0.02993	1.00%
Sodium,7440-23-5†	149222.1	31.967	mg/L	0.2162	1268.5	mg/kg	8.58	0.68%
Strontium,7440-24-6†	1040605.6	3.7140	mg/L	0.03616	147.38	mg/kg	1.435	0.97%
Thallium,7440-28-0†	-213.6	-0.0031	mg/L	0.00294	-0.1247	mg/kg	0.11678	93.66%
Tin,7440-31-5†	-199.5	0.0085	mg/L	0.00176	0.3361	mg/kg	0.06983	20.78%
Titanium,7440-32-6†	837385.2	1.2603	mg/L	0.00875	50.013	mg/kg	0.3470	0.69%
Vanadium,7440-62-2†	102199.9	0.6164	mg/L	0.00035	24.461	mg/kg	0.0137	0.06%
Zinc,7440-66-6†	798224.0	3.1821	mg/L	0.00160	126.27	mg/kg	0.064	0.05%
Zirconium,7440-67-7†	25687.6	0.0524	mg/L	0.00028	2.0790	mg/kg	0.01105	0.53%

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Sequence No.: 110
Sample ID: 20607201902
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 98
Date Collected: 7/25/2006 9:16:28 PM
Data Type: Reprocessed on 7/26/2006 8:06:43 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201902

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	91297.4	92.780	%	0.0958				0.10%
Ar 420.067 R	663578.2	75.445	%	0.2022				0.27%
Scandium-IS	4122400.3	104.04	%	0.206				0.20%
Yttrium,7440-65-5A	2103397.3	104.28	%	0.216				0.21%

Yttrium,7440-65-5R	32396.5	71.610 %	0.3070				0.43%
Aluminum,7429-90-5†	5993.6	23.51 mg/L	0.036	933.1 mg/kg		1.43	0.15%
Antimony,7440-36-0†	-267.1	-0.0997 mg/L	0.00670	-3.9563 mg/kg		0.26595	6.72%
Arsenic,7440-38-2†	96.7	0.1032 mg/L	0.00392	4.0938 mg/kg		0.15575	3.80%
Barium,7440-39-3†	3023396.3	11.122 mg/L	0.0143	441.34 mg/kg		0.566	0.13%
Beryllium,7440-41-7†	5188.1	0.0013 mg/L	0.00001	0.0506 mg/kg		0.00051	1.00%
Boron,7440-42-8†	-15595.4	0.0768 mg/L	0.00207	3.0470 mg/kg		0.08226	2.70%
Cadmium,7440-43-9†	10413.5	0.0097 mg/L	0.00047	0.3835 mg/kg		0.01851	4.83%
Calcium,7440-70-2†	157778.2	186.9 mg/L	0.55	7415 mg/kg		21.8	0.29%
Chromium,7440-47-3†	135498.7	0.6072 mg/L	0.00134	24.094 mg/kg		0.0532	0.22%
Cobalt,7440-48-4†	5411.8	0.0578 mg/L	0.00118	2.2955 mg/kg		0.04689	2.04%
Copper,7440-50-8†	341914.0	0.7584 mg/L	0.00155	30.096 mg/kg		0.0617	0.21%
Iron,7439-89-6†	121417.9	401.38 mg/L	0.480	15928 mg/kg		19.0	0.12%
Lead,7439-92-1†	33645.9	2.0808 mg/L	0.03820	82.571 mg/kg		1.5159	1.84%
Lithium,7439-93-2†	1053.5	0.0649 mg/L	0.00201	2.5737 mg/kg		0.07994	3.11%
Magnesium,7439-95-4†	1538.8	17.285 mg/L	0.0586	685.92 mg/kg		2.325	0.34%
Manganese,7439-96-5†	5350329.8	4.7376 mg/L	0.00707	188.00 mg/kg		0.280	0.15%
Molybdenum,7439-98-7†	5373.2	0.1324 mg/L	0.00068	5.2525 mg/kg		0.02692	0.51%
Nickel,7440-02-0†	35915.5	0.4783 mg/L	0.00866	18.981 mg/kg		0.3436	1.81%
Potassium,7440-09-7†	10155.0	4.8128 mg/L	0.00435	190.98 mg/kg		0.173	0.09%
Selenium,7782-49-2†	-770.3	-0.1148 mg/L	0.00411	-4.5557 mg/kg		0.16305	3.58%
Silicon,7440-21-3†	367.4	3.7346 mg/L	0.02534	148.20 mg/kg		1.006	0.68%
Silver,7440-22-4†	-71641.9	-0.1136 mg/L	0.00053	-4.5091 mg/kg		0.02104	0.47%
Sodium,7440-23-5†	11677.5	2.5290 mg/L	0.02758	100.36 mg/kg		1.094	1.09%
Strontium,7440-24-6†	141028.7	0.5019 mg/L	0.01207	19.917 mg/kg		0.4789	2.40%
Thallium,7440-28-0†	-281.6	-0.0224 mg/L	0.00042	-0.8870 mg/kg		0.01673	1.89%
Tin,7440-31-5†	1112.6	0.0735 mg/L	0.00169	2.9154 mg/kg		0.06718	2.30%
Titanium,7440-32-6†	731384.0	1.1004 mg/L	0.00619	43.665 mg/kg		0.2455	0.56%
Vanadium,7440-62-2†	28123.9	0.1431 mg/L	0.00074	5.6772 mg/kg		0.02936	0.52%
Zinc,7440-66-6†	4147131.0	16.793 mg/L	0.0236	666.40 mg/kg		0.938	0.14%
Zirconium,7440-67-7†	15936.3	0.0277 mg/L	0.00051	1.1009 mg/kg		0.02010	1.83%

Sequence No.: 111
Sample ID: 20607201903
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

KSM 7-26-06

Autosampler Location: 99
Date Collected: 7/25/2006 9:22:38 PM
Data Type: Reprocessed on 7/26/2006 8:06:45 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201903

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	80322.9	81.627	%	0.1872				0.23%
Ar 420.067 R	616036.5	70.040	%	0.4096				0.58%
Scandium-IS	3829768.6	96.657	%	0.2632				0.27%
Yttrium,7440-65-5A	1942052.0	96.283	%	0.3198				0.33%
Yttrium,7440-65-5R	30609.2	67.659	%	1.1852				1.75%
Aluminum,7429-90-5†	7350.6	28.82	mg/L	0.473	1153	mg/kg	18.9	1.64%
Antimony,7440-36-0†	-5.7	-0.0068	mg/L	0.01332	-0.2721	mg/kg	0.53282	195.81%
Arsenic,7440-38-2†	18.6	0.0414	mg/L	0.00333	1.6557	mg/kg	0.13335	8.05%
Barium,7440-39-3†	4819075.9	17.736	mg/L	0.0445	709.46	mg/kg	1.778	0.25%
Beryllium,7440-41-7†	7543.1	0.0015	mg/L	0.00002	0.0581	mg/kg	0.00082	1.41%
Boron,7440-42-8†	-3783.7	0.0803	mg/L	0.00109	3.2138	mg/kg	0.04350	1.35%
Cadmium,7440-43-9†	17294.8	0.0370	mg/L	0.00072	1.4787	mg/kg	0.02887	1.95%
Calcium,7440-70-2†	1276960.1	1512	mg/L	31.3	60500	mg/kg	1252.2	2.07%
Chromium,7440-47-3†	108607.1	0.4836	mg/L	0.00319	19.342	mg/kg	0.1275	0.66%
Cobalt,7440-48-4†	4275.0	0.0484	mg/L	0.00019	1.9379	mg/kg	0.00775	0.40%
Copper,7440-50-8†	208578.7	0.3744	mg/L	0.00176	14.975	mg/kg	0.0704	0.47%
Iron,7439-89-6†	61885.4	204.60	mg/L	0.448	8184.0	mg/kg	17.90	0.22%
Lead,7439-92-1†	23525.0	1.4683	mg/L	0.01891	58.731	mg/kg	0.7565	1.29%
Lithium,7439-93-2†	1145.1	0.0701	mg/L	0.00451	2.8055	mg/kg	0.18045	6.43%
Magnesium,7439-95-4†	14608.4	161.59	mg/L	0.575	6463.5	mg/kg	23.01	0.36%
Manganese,7439-96-5†	4168812.3	3.6971	mg/L	0.01014	147.89	mg/kg	0.406	0.27%
Molybdenum,7439-98-7†	1426.3	0.0318	mg/L	0.00082	1.2716	mg/kg	0.03281	2.58%
Nickel,7440-02-0†	13675.6	0.1814	mg/L	0.00205	7.2562	mg/kg	0.08207	1.13%
Potassium,7440-09-7†	12081.6	5.5590	mg/L	0.08498	222.36	mg/kg	3.399	1.53%
Selenium,7782-49-2†	-469.4	-0.0707	mg/L	0.01697	-2.8286	mg/kg	0.67897	24.00%
Silicon,7440-21-3†	275.4	2.5716	mg/L	0.07074	102.86	mg/kg	2.829	2.75%
Silver,7440-22-4†	-32187.5	-0.0475	mg/L	0.00049	-1.8992	mg/kg	0.01966	1.04%

Sodium,7440-23-5†	14452.4	3.1034 mg/L	0.04954	124.14 mg/kg	1.982	1.60%
Strontium,7440-24-6†	416011.4	1.4627 mg/L	0.02968	58.506 mg/kg	1.1871	2.03%
Thallium,7440-28-0†	-183.8	-0.0170 mg/L	0.00156	-0.6807 mg/kg	0.06238	9.16%
Tin,7440-31-5†	-211.9	0.0215 mg/L	0.00243	0.8603 mg/kg	0.09706	11.28%
Titanium,7440-32-6†	419370.1	0.6310 mg/L	0.00532	25.241 mg/kg	0.2130	0.84%
Vanadium,7440-62-2†	24068.5	0.1379 mg/L	0.00045	5.5160 mg/kg	0.01808	0.33%
Zinc,7440-66-6†	17447405.6	70.814 mg/L	0.6324	2832.6 mg/kg	25.30	0.89%
Zirconium,7440-67-7†	10192.3	0.0292 mg/L	0.00060	1.1675 mg/kg	0.02380	2.04%

Sequence No.: 112
Sample ID: 20607201907
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

KSM 7-26-06

Autosampler Location: 100
Date Collected: 7/25/2006 9:29:14 PM
Data Type: Reprocessed on 7/26/2006 8:06:48 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201907

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	88643.0	90.083	%	0.0837				0.09%
Ar 420.067 R	631104.9	71.753	%	0.1297				0.18%
Scandium-IS	4074571.6	102.84	%	0.848				0.82%
Yttrium,7440-65-5A	2121215.5	105.17	%	0.887				0.84%
Yttrium,7440-65-5R	31621.5	69.897	%	0.9940				1.42%
Aluminum,7429-90-5†	34301.9	134.6	mg/L	0.53	5340	mg/kg	20.9	0.39%
Antimony,7440-36-0†	-134.1	-0.0462	mg/L	0.00358	-1.8330	mg/kg	0.14200	7.75%
Arsenic,7440-38-2†	35.2	0.0625	mg/L	0.01027	2.4818	mg/kg	0.40764	16.42%
Barium,7440-39-3†	447102.7	1.6397	mg/L	0.00229	65.068	mg/kg	0.0910	0.14%
Beryllium,7440-41-7†	47624.4	0.0092	mg/L	0.00003	0.3655	mg/kg	0.00116	0.32%
Boron,7440-42-8†	134.7	0.1310	mg/L	0.00151	5.1979	mg/kg	0.05983	1.15%
Cadmium,7440-43-9†	2617.5	-0.0015	mg/L	0.00008	-0.0586	mg/kg	0.00309	5.28%
Calcium,7440-70-2†	368980.4	437.0	mg/L	0.24	17340	mg/kg	9.5	0.05%
Chromium,7440-47-3†	59837.4	0.2504	mg/L	0.00393	9.9370	mg/kg	0.15613	1.57%
Cobalt,7440-48-4†	9429.4	0.1141	mg/L	0.00131	4.5272	mg/kg	0.05204	1.15%
Copper,7440-50-8†	450167.2	0.9666	mg/L	0.00164	38.357	mg/kg	0.0649	0.17%
Iron,7439-89-6†	58002.3	191.74	mg/L	0.272	7608.8	mg/kg	10.81	0.14%
Lead,7439-92-1†	26028.5	1.6235	mg/L	0.02582	64.423	mg/kg	1.0248	1.59%
Lithium,7439-93-2†	5349.9	0.3216	mg/L	0.00460	12.760	mg/kg	0.1825	1.43%
Magnesium,7439-95-4†	8674.9	95.993	mg/L	1.3078	3809.2	mg/kg	51.90	1.36%
Manganese,7439-96-5†	4682865.2	4.1488	mg/L	0.00657	164.63	mg/kg	0.261	0.16%
Molybdenum,7439-98-7†	366.7	0.0098	mg/L	0.00061	0.3906	mg/kg	0.02437	6.24%
Nickel,7440-02-0†	18005.5	0.2392	mg/L	0.00314	9.4936	mg/kg	0.12454	1.31%
Potassium,7440-09-7†	77913.7	37.691	mg/L	0.5769	1495.7	mg/kg	22.89	1.53%
Selenium,7782-49-2†	-402.0	-0.0683	mg/L	0.00700	-2.7113	mg/kg	0.27762	10.24%
Silicon,7440-21-3†	782.5	6.6458	mg/L	0.10593	263.72	mg/kg	4.204	1.59%
Silver,7440-22-4†	-35058.0	-0.0572	mg/L	0.00047	-2.2700	mg/kg	0.01847	0.81%
Sodium,7440-23-5†	117171.7	25.109	mg/L	0.3565	996.38	mg/kg	14.147	1.42%
Strontium,7440-24-6†	336525.9	1.1990	mg/L	0.00360	47.580	mg/kg	0.1427	0.30%
Thallium,7440-28-0†	-148.3	-0.0082	mg/L	0.00534	-0.3262	mg/kg	0.21181	64.94%
Tin,7440-31-5†	-45.1	0.0034	mg/L	0.00054	0.1367	mg/kg	0.02143	15.68%
Titanium,7440-32-6†	218237.7	0.3281	mg/L	0.00434	13.021	mg/kg	0.1724	1.32%
Vanadium,7440-62-2†	47566.7	0.2805	mg/L	0.00150	11.132	mg/kg	0.0597	0.54%
Zinc,7440-66-6†	1091540.1	4.3974	mg/L	0.00949	174.50	mg/kg	0.377	0.22%
Zirconium,7440-67-7†	37155.6	0.0684	mg/L	0.00006	2.7144	mg/kg	0.00247	0.09%

Sequence No.: 113
Sample ID: 20607201908
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 101
Date Collected: 7/25/2006 9:34:57 PM
Data Type: Reprocessed on 7/26/2006 8:06:50 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201908

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	92908.7	94.418	%	0.4916				0.52%
Ar 420.067 R	641017.4	72.880	%	0.1471				0.20%

Scandium-IS	4259783.7	107.51	%	0.081			0.08%
Yttrium,7440-65-5A	2189046.4	108.53	%	0.120			0.11%
Yttrium,7440-65-5R	31819.7	70.335	%	1.1453			1.63%
Aluminum,7429-90-5†	7277.3	28.55	mg/L	0.134	1133	mg/kg	5.3	0.47%
Antimony,7440-36-0†	-300.1	-0.1114	mg/L	0.00449	-4.4222	mg/kg	0.17800	4.03%
Arsenic,7440-38-2†	141.1	0.1217	mg/L	0.00379	4.8296	mg/kg	0.15043	3.11%
Barium,7440-39-3†	719159.9	2.6361	mg/L	0.01011	104.61	mg/kg	0.401	0.38%
Beryllium,7440-41-7†	8454.2	0.0020	mg/L	0.00003	0.0792	mg/kg	0.00130	1.64%
Boron,7440-42-8†	-19312.8	0.0486	mg/L	0.00691	1.9290	mg/kg	0.27424	14.22%
Cadmium,7440-43-9†	12372.3	0.0135	mg/L	0.00060	0.5364	mg/kg	0.02367	4.41%
Calcium,7440-70-2†	68465.4	81.07	mg/L	0.093	3217	mg/kg	3.7	0.11%
Chromium,7440-47-3†	158429.6	0.7099	mg/L	0.00359	28.170	mg/kg	0.1425	0.51%
Cobalt,7440-48-4†	7011.0	0.0781	mg/L	0.00056	3.0981	mg/kg	0.02206	0.71%
Copper,7440-50-8†	2341108.7	5.1356	mg/L	0.01979	203.80	mg/kg	0.785	0.39%
Iron,7439-89-6†	130455.5	431.26	mg/L	8.025	17113	mg/kg	318.5	1.86%
Lead,7439-92-1†	221136.1	13.688	mg/L	0.0706	543.17	mg/kg	2.801	0.52%
Lithium,7439-93-2†	847.9	0.0526	mg/L	0.00290	2.0885	mg/kg	0.11504	5.51%
Magnesium,7439-95-4†	970.2	11.021	mg/L	0.1488	437.36	mg/kg	5.903	1.35%
Manganese,7439-96-5†	5133270.1	4.5451	mg/L	0.01808	180.36	mg/kg	0.717	0.40%
Molybdenum,7439-98-7†	2186.9	0.0564	mg/L	0.00022	2.2376	mg/kg	0.00861	0.38%
Nickel,7440-02-0†	21265.8	0.2813	mg/L	0.00312	11.162	mg/kg	0.1236	1.11%
Potassium,7440-09-7†	10828.4	5.1431	mg/L	0.07428	204.09	mg/kg	2.947	1.44%
Selenium,7782-49-2†	-885.6	-0.1521	mg/L	0.01292	-6.0363	mg/kg	0.51289	8.50%
Silicon,7440-21-3†	221.3	2.6186	mg/L	0.09502	103.91	mg/kg	3.771	3.63%
Silver,7440-22-4†	-82588.8	-0.1379	mg/L	0.00178	-5.4730	mg/kg	0.07045	1.29%
Sodium,7440-23-5†	4246.1	0.9365	mg/L	0.01747	37.162	mg/kg	0.6932	1.87%
Strontium,7440-24-6†	158061.0	0.5651	mg/L	0.01127	22.426	mg/kg	0.4471	1.99%
Thallium,7440-28-0†	-326.3	-0.0305	mg/L	0.00402	-1.2122	mg/kg	0.15966	13.17%
Tin,7440-31-5†	758.8	0.0458	mg/L	0.00291	1.8155	mg/kg	0.11543	6.36%
Titanium,7440-32-6†	516912.9	0.7773	mg/L	0.00849	30.845	mg/kg	0.3369	1.09%
Vanadium,7440-62-2†	29724.5	0.1504	mg/L	0.00086	5.9693	mg/kg	0.03430	0.57%
Zinc,7440-66-6†	5540101.5	22.446	mg/L	0.0928	890.73	mg/kg	3.683	0.41%
Zirconium,7440-67-7†	18227.8	0.0309	mg/L	0.00011	1.2268	mg/kg	0.00430	0.35%

Sequence No.: 114
Sample ID: 20607201909
Analyst:
Logged In Analyst (Original) : met from 7-24-06
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 102
Date Collected: 7/25/2006 9:41:09 PM
Data Type: Reprocessed on 7/26/2006 8:06:52 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201909

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	91243.1	92.725	%	0.1921				0.21%
Ar 420.067 R	638888.2	72.638	%	0.3886				0.53%
Scandium-IS	4151135.3	104.77	%	0.537				0.51%
Yttrium,7440-65-5A	2184760.4	108.32	%	0.530				0.49%
Yttrium,7440-65-5R	31895.1	70.502	%	1.2231				1.73%
Aluminum,7429-90-5†	8515.7	33.41	mg/L	0.485	1336	mg/kg	19.4	1.45%
Antimony,7440-36-0†	-229.6	-0.0857	mg/L	0.00777	-3.4286	mg/kg	0.31099	9.07%
Arsenic,7440-38-2†	138.3	0.1070	mg/L	0.01118	4.2816	mg/kg	0.44702	10.44%
Barium,7440-39-3†	715883.8	2.6259	mg/L	0.00592	105.03	mg/kg	0.237	0.23%
Beryllium,7440-41-7†	10930.1	0.0024	mg/L	0.00002	0.0975	mg/kg	0.00098	1.01%
Boron,7440-42-8†	-13867.7	0.0656	mg/L	0.00267	2.6235	mg/kg	0.10688	4.07%
Cadmium,7440-43-9†	9793.5	0.0101	mg/L	0.00014	0.4033	mg/kg	0.00545	1.35%
Calcium,7440-70-2†	184784.2	218.9	mg/L	0.75	8754	mg/kg	30.1	0.34%
Chromium,7440-47-3†	133071.8	0.5950	mg/L	0.00078	23.800	mg/kg	0.0312	0.13%
Cobalt,7440-48-4†	6222.3	0.0701	mg/L	0.00060	2.8053	mg/kg	0.02415	0.86%
Copper,7440-50-8†	2153700.0	4.7135	mg/L	0.00196	188.54	mg/kg	0.079	0.04%
Iron,7439-89-6†	107234.1	354.49	mg/L	1.382	14180	mg/kg	55.3	0.39%
Lead,7439-92-1†	283521.2	17.556	mg/L	0.0516	702.26	mg/kg	2.064	0.29%
Lithium,7439-93-2†	1193.9	0.0730	mg/L	0.00396	2.9207	mg/kg	0.15860	5.43%
Magnesium,7439-95-4†	1198.9	13.497	mg/L	0.1568	539.90	mg/kg	6.272	1.16%
Manganese,7439-96-5†	4081295.8	3.6141	mg/L	0.00652	144.56	mg/kg	0.261	0.18%
Molybdenum,7439-98-7†	1689.8	0.0433	mg/L	0.00084	1.7328	mg/kg	0.03344	1.93%
Nickel,7440-02-0†	17279.7	0.2285	mg/L	0.00157	9.1410	mg/kg	0.06296	0.69%
Potassium,7440-09-7†	13047.6	6.2172	mg/L	0.11403	248.69	mg/kg	4.561	1.83%
Selenium,7782-49-2†	-703.9	-0.1108	mg/L	0.00276	-4.4309	mg/kg	0.11025	2.49%

Silicon,7440-21-3†	248.1	2.6839	mg/L	0.06224	107.36	mg/kg	2.489	2.32%
Silver,7440-22-4†	-64847.3	-0.1051	mg/L	0.00031	-4.2052	mg/kg	0.01251	0.30%
Sodium,7440-23-5†	10357.9	2.2399	mg/L	0.02754	89.595	mg/kg	1.1015	1.23%
Strontium,7440-24-6†	348872.3	1.2475	mg/L	0.02678	49.900	mg/kg	1.0712	2.15%
Thallium,7440-28-0†	-252.2	-0.0243	mg/L	0.00199	-0.9703	mg/kg	0.07961	8.20%
Tin,7440-31-5†	588.1	0.0389	mg/L	0.00236	1.5553	mg/kg	0.09452	6.08%
Titanium,7440-32-6†	358561.2	0.5390	mg/L	0.00848	21.561	mg/kg	0.3390	1.57%
Vanadium,7440-62-2†	27218.1	0.1410	mg/L	0.00010	5.6409	mg/kg	0.00413	0.07%
Zinc,7440-66-6†	5596221.8	22.681	mg/L	0.0481	907.24	mg/kg	1.925	0.21%
Zirconium,7440-67-7†	17556.4	0.0312	mg/L	0.00053	1.2499	mg/kg	0.02116	1.69%

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Sequence No.: 115
Sample ID: 20607201911
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Kom 7-26-06

Autosampler Location: 103
Date Collected: 7/25/2006 9:47:21 PM
Data Type: Reprocessed on 7/26/2006 8:06:55 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201911

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	82650.3	84.003	%	0.2469				0.29%
Ar 420.067 R	599047.8	68.108	%	0.2099				0.31%
Scandium-IS	3856320.3	97.327	%	1.6779				1.72%
Yttrium,7440-65-5A	1988658.2	98.594	%	1.5656				1.59%
Yttrium,7440-65-5R	28878.7	63.834	%	3.3736				5.29%
Aluminum,7429-90-5†	48169.2	189.0	mg/L	9.49	7559	mg/kg	379.4	5.02%
Antimony,7440-36-0†	-89.9	-0.0258	mg/L	0.01201	-1.0302	mg/kg	0.48037	46.63%
Arsenic,7440-38-2†	-82.4	0.0233	mg/L	0.00458	0.9311	mg/kg	0.18327	19.68%
Barium,7440-39-3†	951996.1	3.4989	mg/L	0.06688	139.95	mg/kg	2.675	1.91%
Beryllium,7440-41-7†	56899.2	0.0109	mg/L	0.00023	0.4352	mg/kg	0.00917	2.11%
Boron,7440-42-8†	5654.3	0.1428	mg/L	0.00305	5.7100	mg/kg	0.12181	2.13%
Cadmium,7440-43-9†	833.4	-0.0029	mg/L	0.00007	-0.1172	mg/kg	0.00279	2.38%
Calcium,7440-70-2†	1182588.1	1401	mg/L	75.3	56030	mg/kg	3012.4	5.38%
Chromium,7440-47-3†	42145.3	0.1633	mg/L	0.00265	6.5316	mg/kg	0.10591	1.62%
Cobalt,7440-48-4†	7573.4	0.0920	mg/L	0.00135	3.6789	mg/kg	0.05412	1.47%
Copper,7440-50-8†	40898.7	0.0096	mg/L	0.00547	0.3853	mg/kg	0.21878	56.78%
Iron,7439-89-6†	35642.9	117.83	mg/L	5.983	4713.2	mg/kg	239.31	5.08%
Lead,7439-92-1†	1638.4	0.1280	mg/L	0.00288	5.1199	mg/kg	0.11504	2.25%
Lithium,7439-93-2†	4226.2	0.2540	mg/L	0.01687	10.160	mg/kg	0.6749	6.64%
Magnesium,7439-95-4†	8407.9	93.004	mg/L	4.2354	3720.1	mg/kg	169.41	4.55%
Manganese,7439-96-5†	4577768.9	4.0586	mg/L	0.07668	162.35	mg/kg	3.067	1.89%
Molybdenum,7439-98-7†	125.8	0.0007	mg/L	0.00150	0.0269	mg/kg	0.05986	222.79%
Nickel,7440-02-0†	8461.5	0.1114	mg/L	0.00012	4.4566	mg/kg	0.00499	0.11%
Potassium,7440-09-7†	143875.4	69.592	mg/L	0.5368	2783.7	mg/kg	21.47	0.77%
Selenium,7782-49-2†	-296.9	-0.0472	mg/L	0.01187	-1.8869	mg/kg	0.47495	25.17%
Silicon,7440-21-3†	495.9	4.1940	mg/L	0.25751	167.76	mg/kg	10.301	6.14%
Silver,7440-22-4†	-17389.2	-0.0249	mg/L	0.00202	-0.9973	mg/kg	0.08094	8.12%
Sodium,7440-23-5†	120621.0	25.832	mg/L	0.2128	1033.3	mg/kg	8.51	0.82%
Strontium,7440-24-6†	303204.9	1.0601	mg/L	0.05908	42.403	mg/kg	2.3633	5.57%
Thallium,7440-28-0†	-81.8	-0.0017	mg/L	0.00283	-0.0673	mg/kg	0.11303	168.06%
Tin,7440-31-5†	-354.5	0.0068	mg/L	0.00127	0.2701	mg/kg	0.05082	18.81%
Titanium,7440-32-6†	135998.1	0.2045	mg/L	0.00310	8.1785	mg/kg	0.12418	1.52%
Vanadium,7440-62-2†	47385.5	0.2860	mg/L	0.00700	11.438	mg/kg	0.2798	2.45%
Zinc,7440-66-6†	172081.0	0.6545	mg/L	0.01540	26.179	mg/kg	0.6161	2.35%
Zirconium,7440-67-7†	14630.7	0.0365	mg/L	0.00057	1.4595	mg/kg	0.02263	1.55%

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Sequence No.: 116
Sample ID: 20607201912
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 104
Date Collected: 7/25/2006 9:53:18 PM
Data Type: Reprocessed on 7/26/2006 8:06:57 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201912

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

001946

189918

Ar 363.268 A	77626.6	78.887 %	0.1445				0.18%
Ar 420.067 R	573214.5	65.171 %	0.4448				0.68%
Scandium-IS	3886966.2	98.101 %	0.5682				0.58%
Yttrium,7440-65-5A	2025564.6	100.42 %	0.548				0.55%
Yttrium,7440-65-5R	28405.5	62.788 %	0.7100				1.13%
Aluminum,7429-90-5†	26887.8	105.5 mg/L	0.33	4219 mg/kg		13.4	0.32%
Antimony,7440-36-0†	-649.1	-0.2324 mg/L	0.00459	-9.2965 mg/kg		0.18370	1.98%
Arsenic,7440-38-2†	-90.6	0.1434 mg/L	0.00424	5.7377 mg/kg		0.16979	2.96%
Barium,7440-39-3†	3095353.5	11.373 mg/L	0.0169	454.93 mg/kg		0.675	0.15%
Beryllium,7440-41-7†	17978.4	0.0044 mg/L	0.00001	0.1745 mg/kg		0.00051	0.29%
Boron,7440-42-8†	-37032.9	0.0905 mg/L	0.01081	3.6214 mg/kg		0.43243	11.94%
Cadmium,7440-43-9†	17761.5	0.0098 mg/L	0.00027	0.3911 mg/kg		0.01077	2.75%
Calcium,7440-70-2†	704868.1	834.8 mg/L	10.75	33390 mg/kg		429.9	1.29%
Chromium,7440-47-3†	98892.3	0.4308 mg/L	0.00104	17.230 mg/kg		0.0417	0.24%
Cobalt,7440-48-4†	7833.5	0.0810 mg/L	0.00036	3.2408 mg/kg		0.01426	0.44%
Copper,7440-50-8†	310846.3	0.6751 mg/L	0.00080	27.004 mg/kg		0.0319	0.12%
Iron,7439-89-6†	251776.6	832.32 mg/L	11.090	33293 mg/kg		443.6	1.33%
Lead,7439-92-1†	16043.8	0.9964 mg/L	0.00828	39.856 mg/kg		0.3312	0.83%
Lithium,7439-93-2†	2943.1	0.1800 mg/L	0.00313	7.1998 mg/kg		0.12534	1.74%
Magnesium,7439-95-4†	4799.0	53.609 mg/L	0.7511	2144.4 mg/kg		30.04	1.40%
Manganese,7439-96-5†	13576076.6	12.024 mg/L	0.1212	480.94 mg/kg		4.848	1.01%
Molybdenum,7439-98-7†	1346.7	0.0383 mg/L	0.00075	1.5304 mg/kg		0.02999	1.96%
Nickel,7440-02-0†	22280.5	0.2905 mg/L	0.00268	11.619 mg/kg		0.1072	0.92%
Potassium,7440-09-7†	72832.9	35.055 mg/L	0.1981	1402.2 mg/kg		7.92	0.57%
Selenium,7782-49-2†	-1757.0	-0.3081 mg/L	0.00433	-12.322 mg/kg		0.1731	1.40%
Silicon,7440-21-3†	484.7	5.5072 mg/L	0.09577	220.29 mg/kg		3.831	1.74%
Silver,7440-22-4†	-166540.2	-0.2864 mg/L	0.00340	-11.457 mg/kg		0.1359	1.19%
Sodium,7440-23-5†	61752.5	13.278 mg/L	0.0666	531.10 mg/kg		2.665	0.50%
Strontium,7440-24-6†	307810.9	1.0870 mg/L	0.01701	43.478 mg/kg		0.6806	1.57%
Thallium,7440-28-0†	-661.2	-0.0620 mg/L	0.00253	-2.4810 mg/kg		0.10111	4.08%
Tin,7440-31-5†	-233.4	-0.0121 mg/L	0.00413	-0.4821 mg/kg		0.16511	34.25%
Titanium,7440-32-6†	169990.0	0.2538 mg/L	0.00061	10.154 mg/kg		0.0245	0.24%
Vanadium,7440-62-2†	58666.1	0.2996 mg/L	0.00096	11.983 mg/kg		0.0384	0.32%
Zinc,7440-66-6†	3124692.7	12.579 mg/L	0.0246	503.18 mg/kg		0.984	0.20%
Zirconium,7440-67-7†	18211.2	0.0349 mg/L	0.00056	1.3962 mg/kg		0.02226	1.59%

Sequence No.: 117
Sample ID: 20607201913
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

JEBM 7-26-06

Autosampler Location: 105
Date Collected: 7/25/2006 9:59:40 PM
Data Type: Reprocessed on 7/26/2006 8:07:00 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201913

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	81722.1	83.049	%	0.0745				0.09%
Ar 420.067 R	559901.6	63.657	%	0.2839				0.45%
Scandium-IS	4061341.7	102.50	%	0.657				0.64%
Yttrium,7440-65-5A	2187105.4	108.43	%	0.602				0.56%
Yttrium,7440-65-5R	30665.3	67.783	%	0.3953				0.58%
Aluminum,7429-90-5†	75268.0	295.3	mg/L	0.99	11720	mg/kg	39.2	0.33%
Antimony,7440-36-0†	-83.2	-0.0264	mg/L	0.00372	-1.0484	mg/kg	0.14778	14.10%
Arsenic,7440-38-2†	19.6	0.0817	mg/L	0.00171	3.2417	mg/kg	0.06782	2.09%
Barium,7440-39-3†	4527277.9	16.662	mg/L	0.0866	661.21	mg/kg	3.435	0.52%
Beryllium,7440-41-7†	92893.0	0.0156	mg/L	0.00005	0.6188	mg/kg	0.00192	0.31%
Boron,7440-42-8†	64849.2	0.9949	mg/L	0.00561	39.481	mg/kg	0.2225	0.56%
Cadmium,7440-43-9†	2958.3	0.0000	mg/L	0.00013	-0.0011	mg/kg	0.00531	490.43%
Calcium,7440-70-2†	874683.4	1036	mg/L	6.9	41110	mg/kg	273.9	0.67%
Chromium,7440-47-3†	83119.3	0.3339	mg/L	0.00742	13.252	mg/kg	0.2946	2.22%
Cobalt,7440-48-4†	30018.1	0.3554	mg/L	0.00696	14.103	mg/kg	0.2760	1.96%
Copper,7440-50-8†	323596.1	0.6505	mg/L	0.00276	25.813	mg/kg	0.1096	0.42%
Iron,7439-89-6†	56978.6	188.35	mg/L	0.351	7474.4	mg/kg	13.92	0.19%
Lead,7439-92-1†	4208.2	0.2919	mg/L	0.00626	11.585	mg/kg	0.2485	2.14%
Lithium,7439-93-2†	5556.0	0.3341	mg/L	0.00503	13.258	mg/kg	0.1995	1.50%
Magnesium,7439-95-4†	7381.0	81.725	mg/L	0.1687	3243.0	mg/kg	6.69	0.21%
Manganese,7439-96-5†	5544786.4	4.9129	mg/L	0.02444	194.96	mg/kg	0.970	0.50%
Molybdenum,7439-98-7†	8501.5	0.2038	mg/L	0.00467	8.0862	mg/kg	0.18519	2.29%
Nickel,7440-02-0†	31119.3	0.4123	mg/L	0.00749	16.360	mg/kg	0.2972	1.82%

Potassium,7440-09-7†	44962.0	21.573 mg/L	0.1289	856.09 mg/kg	5.113	0.60%
Selenium,7782-49-2†	-422.6	-0.0707 mg/L	0.00796	-2.8038 mg/kg	0.31578	11.26%
Silicon,7440-21-3†	159.6	1.6255 mg/L	0.02488	64.506 mg/kg	0.9871	1.53%
Silver,7440-22-4†	-36416.6	-0.0609 mg/L	0.00163	-2.4174 mg/kg	0.06460	2.67%
Sodium,7440-23-5†	107286.2	22.980 mg/L	0.1109	911.89 mg/kg	4.400	0.48%
Strontium,7440-24-6†	3041632.3	10.898 mg/L	0.0812	432.47 mg/kg	3.224	0.75%
Thallium,7440-28-0†	-464.1	0.0067 mg/L	0.00076	0.2639 mg/kg	0.03001	11.37%
Tin,7440-31-5†	-166.4	0.0048 mg/L	0.00114	0.1898 mg/kg	0.04511	23.77%
Titanium,7440-32-6†	6333504.1	9.5369 mg/L	0.05431	378.45 mg/kg	2.155	0.57%
Vanadium,7440-62-2†	146721.6	0.8906 mg/L	0.00565	35.342 mg/kg	0.2243	0.63%
Zinc,7440-66-6†	643129.2	2.5636 mg/L	0.01379	101.73 mg/kg	0.547	0.54%
Zirconium,7440-67-7†	272295.1	0.4893 mg/L	0.00156	19.415 mg/kg	0.0621	0.32%

Sequence No.: 118
Sample ID: 20607201914
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Vom 7.24.06

Autosampler Location: 106
Date Collected: 7/25/2006 10:05:53 PM
Data Type: Reprocessed on 7/26/2006 8:07:02 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201914

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	89541.4	90.996	%	0.4349				0.48%
Ar 420.067 R	571362.0	64.960	%	0.2583				0.40%
Scandium-IS	4120426.2	103.99	%	0.434				0.42%
Yttrium,7440-65-5A	2127997.3	105.50	%	0.450				0.43%
Yttrium,7440-65-5R	29067.7	64.252	%	0.2763				0.43%
Aluminum,7429-90-5†	27399.4	107.5	mg/L	0.12	4300	mg/kg	5.0	0.12%
Antimony,7440-36-0†	-102.9	-0.0344	mg/L	0.00342	-1.3745	mg/kg	0.13683	9.95%
Arsenic,7440-38-2†	-6.2	0.0360	mg/L	0.00248	1.4416	mg/kg	0.09938	6.89%
Barium,7440-39-3†	1002793.1	3.6879	mg/L	0.00376	147.52	mg/kg	0.150	0.10%
Beryllium,7440-41-7†	37479.6	0.0071	mg/L	0.00001	0.2840	mg/kg	0.00033	0.11%
Boron,7440-42-8†	10438.1	0.2254	mg/L	0.00048	9.0155	mg/kg	0.01914	0.21%
Cadmium,7440-43-9†	1660.3	-0.0012	mg/L	0.00010	-0.0460	mg/kg	0.00414	8.99%
Calcium,7440-70-2†	324266.1	384.0	mg/L	0.60	15360	mg/kg	24.0	0.16%
Chromium,7440-47-3†	39380.7	0.1620	mg/L	0.00340	6.4784	mg/kg	0.13592	2.10%
Cobalt,7440-48-4†	6050.5	0.0726	mg/L	0.00137	2.9048	mg/kg	0.05495	1.89%
Copper,7440-50-8†	74528.5	0.1451	mg/L	0.00050	5.8047	mg/kg	0.01984	0.34%
Iron,7439-89-6†	38327.0	126.70	mg/L	0.894	5068.0	mg/kg	35.77	0.71%
Lead,7439-92-1†	3257.1	0.2122	mg/L	0.00657	8.4892	mg/kg	0.26272	3.09%
Lithium,7439-93-2†	4677.2	0.2809	mg/L	0.01013	11.237	mg/kg	0.4054	3.61%
Magnesium,7439-95-4†	6214.9	68.764	mg/L	0.4959	2750.6	mg/kg	19.84	0.72%
Manganese,7439-96-5†	4449818.6	3.9423	mg/L	0.00220	157.69	mg/kg	0.088	0.06%
Molybdenum,7439-98-7†	893.8	0.0220	mg/L	0.00018	0.8805	mg/kg	0.00714	0.81%
Nickel,7440-02-0†	12467.4	0.1655	mg/L	0.00375	6.6187	mg/kg	0.14993	2.27%
Potassium,7440-09-7†	62690.2	30.329	mg/L	0.1775	1213.2	mg/kg	7.10	0.59%
Selenium,7782-49-2†	-285.9	-0.0544	mg/L	0.01068	-2.1772	mg/kg	0.42721	19.62%
Silicon,7440-21-3†	925.1	7.6750	mg/L	0.04216	307.00	mg/kg	1.686	0.55%
Silver,7440-22-4†	-23234.3	-0.0382	mg/L	0.00004	-1.5262	mg/kg	0.00171	0.11%
Sodium,7440-23-5†	36192.8	7.7491	mg/L	0.04797	309.97	mg/kg	1.919	0.62%
Strontium,7440-24-6†	260048.3	0.9256	mg/L	0.00175	37.025	mg/kg	0.0699	0.19%
Thallium,7440-28-0†	-98.1	-0.0012	mg/L	0.00179	-0.0469	mg/kg	0.07175	153.04%
Tin,7440-31-5†	-135.8	-0.0028	mg/L	0.00040	-0.1110	mg/kg	0.01600	14.42%
Titanium,7440-32-6†	254332.3	0.3826	mg/L	0.00123	15.305	mg/kg	0.0492	0.32%
Vanadium,7440-62-2†	39197.7	0.2333	mg/L	0.00072	9.3316	mg/kg	0.02873	0.31%
Zinc,7440-66-6†	487355.0	1.9534	mg/L	0.00056	78.136	mg/kg	0.0223	0.03%
Zirconium,7440-67-7†	26370.2	0.0490	mg/L	0.00050	1.9619	mg/kg	0.01985	1.01%

Sequence No.: 119
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/25/2006 10:11:36 PM
Data Type: Reprocessed on 7/26/2006 8:07:04 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	100869.6	102.51	%	0.380				0.37%
Ar 420.067 R	592555.1	67.370	%	0.2638				0.39%
Scandium-IS	4272207.6	107.82	%	0.304				0.28%
Yttrium,7440-65-5A	2131459.6	105.67	%	0.168				0.16%
Yttrium,7440-65-5R	27242.0	60.216	%	0.3277				0.54%
Aluminum,7429-90-5†	1059.0	4.162	mg/L	0.0261	4.162	mg/L	0.0261	0.63%
QC value less than the lower limit for Aluminum,7429-90-5 Recovery = 83.23%								
Antimony,7440-36-0†	1512.9	0.4682	mg/L	0.00019	0.4682	mg/L	0.00019	0.04%
QC value within limits for Antimony,7440-36-0 Recovery = 93.64%								
Arsenic,7440-38-2†	1694.6	0.4547	mg/L	0.00196	0.4547	mg/L	0.00196	0.43%
QC value within limits for Arsenic,7440-38-2 Recovery = 90.95%								
Barium,7440-39-3†	128737.1	0.4736	mg/L	0.00203	0.4736	mg/L	0.00203	0.43%
QC value within limits for Barium,7440-39-3 Recovery = 94.71%								
Beryllium,7440-41-7†	2417252.8	0.4689	mg/L	0.00100	0.4689	mg/L	0.00100	0.21%
QC value within limits for Beryllium,7440-41-7 Recovery = 93.77%								
Boron,7440-42-8†	172497.1	2.3441	mg/L	0.00844	2.3441	mg/L	0.00844	0.36%
QC value within limits for Boron,7440-42-8 Recovery = 93.76%								
Cadmium,7440-43-9†	174488.5	0.4711	mg/L	0.00186	0.4711	mg/L	0.00186	0.39%
QC value within limits for Cadmium,7440-43-9 Recovery = 94.21%								
Calcium,7440-70-2†	3814.2	4.516	mg/L	0.0503	4.516	mg/L	0.0503	1.11%
QC value within limits for Calcium,7440-70-2 Recovery = 90.31%								
Chromium,7440-47-3†	103839.7	0.4675	mg/L	0.00191	0.4675	mg/L	0.00191	0.41%
QC value within limits for Chromium,7440-47-3 Recovery = 93.51%								
Cobalt,7440-48-4†	36873.2	0.4670	mg/L	0.00162	0.4670	mg/L	0.00162	0.35%
QC value within limits for Cobalt,7440-48-4 Recovery = 93.41%								
Copper,7440-50-8†	213272.9	0.4655	mg/L	0.00126	0.4655	mg/L	0.00126	0.27%
QC value within limits for Copper,7440-50-8 Recovery = 93.11%								
Iron,7439-89-6†	1166.4	3.8564	mg/L	0.02261	3.8564	mg/L	0.02261	0.59%
QC value less than the lower limit for Iron,7439-89-6 Recovery = 77.13%								
Lead,7439-92-1†	7593.5	0.4699	mg/L	0.00069	0.4699	mg/L	0.00069	0.15%
QC value within limits for Lead,7439-92-1 Recovery = 93.98%								
Lithium,7439-93-2†	11619.9	0.6957	mg/L	0.01134	0.6957	mg/L	0.01134	1.63%
QC value greater than the upper limit for Lithium,7439-93-2 Recovery = 139.14%								
Magnesium,7439-95-4†	371.0	4.1033	mg/L	0.08602	4.1033	mg/L	0.08602	2.10%
QC value less than the lower limit for Magnesium,7439-95-4 Recovery = 82.07%								
Manganese,7439-96-5†	545707.3	0.4832	mg/L	0.00169	0.4832	mg/L	0.00169	0.35%
QC value within limits for Manganese,7439-96-5 Recovery = 96.65%								
Molybdenum,7439-98-7†	19292.7	0.4634	mg/L	0.00105	0.4634	mg/L	0.00105	0.23%
QC value within limits for Molybdenum,7439-98-7 Recovery = 92.68%								
Nickel,7440-02-0†	35028.3	0.4705	mg/L	0.00120	0.4705	mg/L	0.00120	0.26%
QC value within limits for Nickel,7440-02-0 Recovery = 94.10%								
Potassium,7440-09-7†	17151.2	8.3185	mg/L	0.08304	8.3185	mg/L	0.08304	1.00%
QC value less than the lower limit for Potassium,7440-09-7 Recovery = 83.19%								
Selenium,7782-49-2†	997.8	0.4731	mg/L	0.00371	0.4731	mg/L	0.00371	0.78%
QC value within limits for Selenium,7782-49-2 Recovery = 94.62%								
Silicon,7440-21-3†	97.8	0.7937	mg/L	0.02595	0.7937	mg/L	0.02595	3.27%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = 158.73%								
Silver,7440-22-4†	169086.2	0.4699	mg/L	0.00165	0.4699	mg/L	0.00165	0.35%
QC value within limits for Silver,7440-22-4 Recovery = 93.98%								
Sodium,7440-23-5†	68155.2	14.611	mg/L	0.1673	14.611	mg/L	0.1673	1.14%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 73.06%								
Strontium,7440-24-6†	142600.3	0.5118	mg/L	0.00961	0.5118	mg/L	0.00961	1.88%
QC value within limits for Strontium,7440-24-6 Recovery = 102.37%								
Thallium,7440-28-0†	3659.2	0.4720	mg/L	0.00137	0.4720	mg/L	0.00137	0.29%
QC value within limits for Thallium,7440-28-0 Recovery = 94.39%								
Tin,7440-31-5†	6711.9	0.4639	mg/L	0.00241	0.4639	mg/L	0.00241	0.52%
QC value within limits for Tin,7440-31-5 Recovery = 92.78%								
Titanium,7440-32-6†	311829.7	0.4695	mg/L	0.00107	0.4695	mg/L	0.00107	0.23%
QC value within limits for Titanium,7440-32-6 Recovery = 93.91%								
Vanadium,7440-62-2†	75333.5	0.4623	mg/L	0.00198	0.4623	mg/L	0.00198	0.43%
QC value within limits for Vanadium,7440-62-2 Recovery = 92.45%								
Zinc,7440-66-6†	128532.3	0.5173	mg/L	0.00417	0.5173	mg/L	0.00417	0.81%
QC value within limits for Zinc,7440-66-6 Recovery = 103.47%								
Zirconium,7440-67-7†	263173.2	0.4674	mg/L	0.00164	0.4674	mg/L	0.00164	0.35%
QC value within limits for Zirconium,7440-67-7 Recovery = 93.48%								

QC Failed. Continue with analysis.

Sequence No.: 120 Autosampler Location: 1

Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Date Collected: 7/25/2006 10:18:28 PM
Data Type: Reprocessed on 7/26/2006 8:07:07 AM

Initial Sample Vol:
Sample Prep Vol:

from 7-24-06

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	101374.5	103.02	%	0.317				0.31%
Ar 420.067 R	597621.6	67.946	%	0.1462				0.22%
Scandium-IS	4252052.3	107.32	%	0.910				0.85%
Yttrium,7440-65-5A	2151893.0	106.69	%	0.929				0.87%
Yttrium,7440-65-5R	27716.2	61.265	%	0.4385				0.72%
Aluminum,7429-90-5†	-4.5	-0.018	mg/L	0.0159	-0.018	mg/L	0.0159	89.03%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-4.7	-0.0015	mg/L	0.00291	-0.0015	mg/L	0.00291	199.16%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	-1.0	-0.0003	mg/L	0.00149	-0.0003	mg/L	0.00149	547.27%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	174.3	0.0006	mg/L	0.00005	0.0006	mg/L	0.00005	8.13%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	106.2	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	29.86%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	2461.3	0.0334	mg/L	0.00127	0.0334	mg/L	0.00127	3.80%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	2.7	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	402.52%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	53.3	0.063	mg/L	0.0071	0.063	mg/L	0.0071	11.27%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	24.4	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	29.07%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	13.7	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	28.21%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-784.4	-0.0017	mg/L	0.00007	-0.0017	mg/L	0.00007	3.97%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	7.4	0.0243	mg/L	0.00024	0.0243	mg/L	0.00024	0.99%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	35.0	0.0022	mg/L	0.00036	0.0022	mg/L	0.00036	16.80%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	55.5	0.0033	mg/L	0.00257	0.0033	mg/L	0.00257	77.25%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	1.2	0.0136	mg/L	0.01084	0.0136	mg/L	0.01084	79.99%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	1463.4	0.0013	mg/L	0.00002	0.0013	mg/L	0.00002	1.62%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	45.9	0.0011	mg/L	0.00011	0.0011	mg/L	0.00011	10.13%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	20.9	0.0003	mg/L	0.00015	0.0003	mg/L	0.00015	52.21%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	320.0	0.1553	mg/L	0.00627	0.1553	mg/L	0.00627	4.04%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	-0.4	-0.0002	mg/L	0.00292	-0.0002	mg/L	0.00292	>999.9%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	51.5	0.4145	mg/L	0.00637	0.4145	mg/L	0.00637	1.54%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	-4.7	0.0000	mg/L	0.00017	0.0000	mg/L	0.00017	>999.9%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-826.6	-0.1772	mg/L	0.00502	-0.1772	mg/L	0.00502	2.83%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	435.5	0.0016	mg/L	0.00015	0.0016	mg/L	0.00015	9.78%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	14.2	0.0018	mg/L	0.00016	0.0018	mg/L	0.00016	9.16%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-38.0	-0.0026	mg/L	0.00021	-0.0026	mg/L	0.00021	8.14%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6†	141.8	0.0002	mg/L	0.00009	0.0002	mg/L	0.00009	40.40%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated								
Vanadium,7440-62-2†	-615.6	-0.0038	mg/L	0.00010	-0.0038	mg/L	0.00010	2.72%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated								

Zinc,7440-66-6†	6341.6	0.0258 mg/L	0.00082	0.0258 mg/L	0.00082	3.18%

QC value greater than the upper limit for Zinc,7440-66-6 Recovery = Not calculated

Zirconium,7440-67-7†	583.9	0.0010 mg/L	0.00019	0.0010 mg/L	0.00019	18.51%

QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated

QC Failed. Continue with analysis.

Sequence No.: 121
Sample ID: 20607201915
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 107
Date Collected: 7/25/2006 10:25:01 PM
Data Type: Reprocessed on 7/26/2006 8:07:09 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201915

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	88708.8	90.149	%	0.2410				0.27%
Ar 420.067 R	564568.7	64.188	%	0.1570				0.24%
Scandium-IS	4133326.4	104.32	%	0.096				0.09%
Yttrium,7440-65-5A	2175940.0	107.88	%	0.113				0.10%
Yttrium,7440-65-5R	28941.5	63.973	%	0.5680				0.89%
Aluminum,7429-90-5†	51315.8	201.3	mg/L	0.47	8053	mg/kg	18.9	0.23%
Antimony,7440-36-0†	-120.1	-0.0404	mg/L	0.00417	-1.6147	mg/kg	0.16698	10.34%
Arsenic,7440-38-2†	-32.9	0.0515	mg/L	0.00375	2.0601	mg/kg	0.14993	7.28%
Barium,7440-39-3†	510133.4	1.8724	mg/L	0.00426	74.894	mg/kg	0.1705	0.23%
Beryllium,7440-41-7†	77041.8	0.0149	mg/L	0.00000	0.5966	mg/kg	0.00015	0.02%
Boron,7440-42-8†	4742.7	0.1830	mg/L	0.00079	7.3183	mg/kg	0.03147	0.43%
Cadmium,7440-43-9†	1739.2	-0.0030	mg/L	0.00003	-0.1186	mg/kg	0.00131	1.10%
Calcium,7440-70-2†	226584.3	268.3	mg/L	0.45	10730	mg/kg	18.1	0.17%
Chromium,7440-47-3†	59176.3	0.2382	mg/L	0.00331	9.5290	mg/kg	0.13232	1.39%
Cobalt,7440-48-4†	9557.6	0.1157	mg/L	0.00164	4.6272	mg/kg	0.06542	1.41%
Copper,7440-50-8†	102657.1	0.2163	mg/L	0.00007	8.6530	mg/kg	0.00299	0.03%
Iron,7439-89-6†	54144.2	178.99	mg/L	0.659	7159.4	mg/kg	26.38	0.37%
Lead,7439-92-1†	2889.5	0.1962	mg/L	0.00092	7.8479	mg/kg	0.03669	0.47%
Lithium,7439-93-2†	8929.6	0.5359	mg/L	0.00871	21.438	mg/kg	0.3485	1.63%
Magnesium,7439-95-4†	11597.6	128.28	mg/L	0.779	5131.1	mg/kg	31.16	0.61%
Manganese,7439-96-5†	4707898.6	4.1707	mg/L	0.00746	166.83	mg/kg	0.298	0.18%
Molybdenum,7439-98-7†	103.1	0.0041	mg/L	0.00044	0.1647	mg/kg	0.01774	10.77%
Nickel,7440-02-0†	20911.8	0.2782	mg/L	0.00351	11.126	mg/kg	0.1405	1.26%
Potassium,7440-09-7†	117415.1	56.887	mg/L	0.3345	2275.5	mg/kg	13.38	0.59%
Selenium,7782-49-2†	-387.0	-0.0735	mg/L	0.01095	-2.9418	mg/kg	0.43817	14.89%
Silicon,7440-21-3†	760.1	6.4316	mg/L	0.03472	257.26	mg/kg	1.389	0.54%
Silver,7440-22-4†	-34339.4	-0.0577	mg/L	0.00021	-2.3090	mg/kg	0.00822	0.36%
Sodium,7440-23-5†	371045.8	79.522	mg/L	0.3841	3180.9	mg/kg	15.37	0.48%
Strontium,7440-24-6†	240695.9	0.8584	mg/L	0.00255	34.337	mg/kg	0.1022	0.30%
Thallium,7440-28-0†	-164.9	-0.0096	mg/L	0.00226	-0.3846	mg/kg	0.09029	23.48%
Tin,7440-31-5†	-120.2	-0.0065	mg/L	0.00187	-0.2581	mg/kg	0.07493	29.03%
Titanium,7440-32-6†	172878.0	0.2599	mg/L	0.00322	10.395	mg/kg	0.1287	1.24%
Vanadium,7440-62-2†	54834.5	0.3268	mg/L	0.00015	13.072	mg/kg	0.0059	0.05%
Zinc,7440-66-6†	255257.9	1.0044	mg/L	0.00178	40.176	mg/kg	0.0710	0.18%
Zirconium,7440-67-7†	44342.8	0.0799	mg/L	0.00022	3.1947	mg/kg	0.00893	0.28%

Sequence No.: 122
Sample ID: 20607201916
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 108
Date Collected: 7/25/2006 10:30:54 PM
Data Type: Reprocessed on 7/26/2006 8:07:11 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201916

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	81535.9	82.860	%	0.3627				0.44%
Ar 420.067 R	544963.8	61.959	%	0.1696				0.27%
Scandium-IS	3921415.9	98.970	%	0.9020				0.91%
Yttrium,7440-65-5A	2065163.1	102.39	%	0.898				0.88%
Yttrium,7440-65-5R	27609.7	61.029	%	0.8197				1.34%

Aluminum,7429-90-5†	36390.3	142.8	mg/L	0.45	5665	mg/kg	17.9	0.32%
Antimony,7440-36-0†	-83.0	-0.0318	mg/L	0.01341	-1.2637	mg/kg	0.53230	42.12%
Arsenic,7440-38-2†	43.3	0.0761	mg/L	0.01215	3.0208	mg/kg	0.48233	15.97%
Barium,7440-39-3†	2977500.3	10.955	mg/L	0.0330	434.70	mg/kg	1.309	0.30%
Beryllium,7440-41-7†	51863.6	0.0098	mg/L	0.00003	0.3887	mg/kg	0.00130	0.33%
Boron,7440-42-8†	2603.1	0.2029	mg/L	0.00062	8.0519	mg/kg	0.02455	0.30%
Cadmium,7440-43-9†	7873.8	0.0097	mg/L	0.00013	0.3855	mg/kg	0.00506	1.31%
Calcium,7440-70-2†	836325.8	990.5	mg/L	2.59	39310	mg/kg	102.8	0.26%
Chromium,7440-47-3†	126091.8	0.5469	mg/L	0.00175	21.704	mg/kg	0.0695	0.32%
Cobalt,7440-48-4†	9080.1	0.1081	mg/L	0.00077	4.2896	mg/kg	0.03051	0.71%
Copper,7440-50-8†	407887.5	0.8428	mg/L	0.00060	33.444	mg/kg	0.0238	0.07%
Iron,7439-89-6†	76299.9	252.23	mg/L	1.508	10009	mg/kg	59.8	0.60%
Lead,7439-92-1†	25766.2	1.6114	mg/L	0.00482	63.946	mg/kg	0.1912	0.30%
Lithium,7439-93-2†	5918.9	0.3561	mg/L	0.00174	14.129	mg/kg	0.0691	0.49%
Magnesium,7439-95-4†	9073.7	100.44	mg/L	1.500	3985.9	mg/kg	59.51	1.49%
Manganese,7439-96-5†	8944514.7	7.9247	mg/L	0.06412	314.47	mg/kg	2.544	0.81%
Molybdenum,7439-98-7†	1560.0	0.0377	mg/L	0.00073	1.4944	mg/kg	0.02908	1.95%
Nickel,7440-02-0†	21294.1	0.2824	mg/L	0.00029	11.206	mg/kg	0.0116	0.10%
Potassium,7440-09-7†	98574.7	47.623	mg/L	0.0950	1889.8	mg/kg	3.77	0.20%
Selenium,7782-49-2†	-560.4	-0.0989	mg/L	0.00443	-3.9242	mg/kg	0.17571	4.48%
Silicon,7440-21-3†	755.4	6.5432	mg/L	0.13279	259.65	mg/kg	5.269	2.03%
Silver,7440-22-4†	-45378.4	-0.0739	mg/L	0.00033	-2.9329	mg/kg	0.01325	0.45%
Sodium,7440-23-5†	259443.4	55.610	mg/L	0.0665	2206.8	mg/kg	2.64	0.12%
Strontium,7440-24-6†	451798.3	1.6016	mg/L	0.00672	63.555	mg/kg	0.2666	0.42%
Thallium,7440-28-0†	-222.1	-0.0089	mg/L	0.00185	-0.3529	mg/kg	0.07344	20.81%
Tin,7440-31-5†	85.2	0.0256	mg/L	0.00322	1.0166	mg/kg	0.12786	12.58%
Titanium,7440-32-6†	266178.1	0.4001	mg/L	0.00494	15.877	mg/kg	0.1962	1.24%
Vanadium,7440-62-2†	57550.3	0.3379	mg/L	0.00082	13.409	mg/kg	0.0326	0.24%
Zinc,7440-66-6†	9080780.5	36.831	mg/L	0.2823	1461.5	mg/kg	11.20	0.77%
Zirconium,7440-67-7†	26527.4	0.0534	mg/L	0.00058	2.1188	mg/kg	0.02297	1.08%

Sequence No.: 123
Sample ID: 20607201917
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 109
Date Collected: 7/25/2006 10:37:16 PM
Data Type: Reprocessed on 7/26/2006 8:07:14 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201917

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ar 363.268 A	87964.0	89.393	%	0.0690				0.08%
Ar 420.067 R	554153.7	63.004	%	0.0766				0.12%
Scandium-IS	4098289.3	103.43	%	0.020				0.02%
Yttrium,7440-65-5A	2153010.6	106.74	%	0.059				0.05%
Yttrium,7440-65-5R	28255.2	62.456	%	0.2766				0.44%
Aluminum,7429-90-5†	48615.0	190.7	mg/L	0.27	7629	mg/kg	10.8	0.14%
Antimony,7440-36-0†	-118.1	-0.0409	mg/L	0.00919	-1.6367	mg/kg	0.36758	22.46%
Arsenic,7440-38-2†	-35.5	0.0544	mg/L	0.00197	2.1778	mg/kg	0.07864	3.61%
Barium,7440-39-3†	276350.0	1.0106	mg/L	0.00736	40.425	mg/kg	0.2945	0.73%
Beryllium,7440-41-7†	66403.9	0.0126	mg/L	0.00004	0.5044	mg/kg	0.00144	0.29%
Boron,7440-42-8†	2586.1	0.1722	mg/L	0.00113	6.8889	mg/kg	0.04520	0.66%
Cadmium,7440-43-9†	1550.1	-0.0048	mg/L	0.00005	-0.1923	mg/kg	0.00213	1.11%
Calcium,7440-70-2†	270199.6	320.0	mg/L	0.60	12800	mg/kg	24.0	0.19%
Chromium,7440-47-3†	56233.7	0.2259	mg/L	0.00186	9.0349	mg/kg	0.07430	0.82%
Cobalt,7440-48-4†	9426.1	0.1132	mg/L	0.00115	4.5282	mg/kg	0.04585	1.01%
Copper,7440-50-8†	81845.4	0.1681	mg/L	0.00480	6.7235	mg/kg	0.19217	2.86%
Iron,7439-89-6†	61977.7	204.88	mg/L	0.768	8195.3	mg/kg	30.72	0.37%
Lead,7439-92-1†	2488.1	0.1702	mg/L	0.00366	6.8079	mg/kg	0.14623	2.15%
Lithium,7439-93-2†	7935.0	0.4766	mg/L	0.00720	19.063	mg/kg	0.2879	1.51%
Magnesium,7439-95-4†	10241.8	113.31	mg/L	0.891	4532.4	mg/kg	35.63	0.79%
Manganese,7439-96-5†	7785227.2	6.8963	mg/L	0.00832	275.85	mg/kg	0.333	0.12%
Molybdenum,7439-98-7†	170.2	0.0060	mg/L	0.00072	0.2393	mg/kg	0.02877	12.02%
Nickel,7440-02-0†	19831.5	0.2631	mg/L	0.00133	10.523	mg/kg	0.0533	0.51%
Potassium,7440-09-7†	113168.4	54.813	mg/L	0.2867	2192.5	mg/kg	11.47	0.52%
Selenium,7782-49-2†	-430.8	-0.0798	mg/L	0.01206	-3.1917	mg/kg	0.48222	15.11%
Silicon,7440-21-3†	898.7	7.6018	mg/L	0.06637	304.07	mg/kg	2.655	0.87%
Silver,7440-22-4†	-39074.5	-0.0657	mg/L	0.00014	-2.6287	mg/kg	0.00546	0.21%
Sodium,7440-23-5†	162792.4	34.881	mg/L	0.1679	1395.2	mg/kg	6.71	0.48%

Strontium,7440-24-6†	225237.5	0.8018 mg/L	0.00095	32.073 mg/kg	0.0378	0.12%
Thallium,7440-28-0†	-181.3	-0.0038 mg/L	0.00258	-0.1539 mg/kg	0.10330	67.11%
Tin,7440-31-5†	-168.3	-0.0087 mg/L	0.00215	-0.3465 mg/kg	0.08592	24.80%
Titanium,7440-32-6†	272788.6	0.4102 mg/L	0.00211	16.408 mg/kg	0.0846	0.52%
Vanadium,7440-62-2†	54027.8	0.3196 mg/L	0.00053	12.782 mg/kg	0.0211	0.17%
Zinc,7440-66-6†	218965.3	0.8522 mg/L	0.03010	34.090 mg/kg	1.2041	3.53%
Zirconium,7440-67-7†	43389.8	0.0782 mg/L	0.00017	3.1273 mg/kg	0.00662	0.21%

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Sequence No.: 124
Sample ID: 20607201918
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 110
Date Collected: 7/25/2006 10:43:09 PM
Data Type: Reprocessed on 7/26/2006 8:07:16 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Vom 7-24-06

Mean Data: 20607201918

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	81507.2	82.831	%	0.1480				0.18%
Ar 420.067 R	538356.3	61.208	%	0.2123				0.35%
Scandium-IS	3945591.8	99.581	%	0.4093				0.41%
Yttrium,7440-65-5A	2055134.8	101.89	%	0.418				0.41%
Yttrium,7440-65-5R	27124.0	59.955	%	0.0411				0.07%
Aluminum,7429-90-5†	29143.2	114.3	mg/L	0.41	4573	mg/kg	16.3	0.36%
Antimony,7440-36-0†	-176.5	-0.0612	mg/L	0.00861	-2.4474	mg/kg	0.34441	14.07%
Arsenic,7440-38-2†	15.3	0.0662	mg/L	0.00273	2.6469	mg/kg	0.10935	4.13%
Barium,7440-39-3†	3923380.7	14.437	mg/L	0.0062	577.49	mg/kg	0.248	0.04%
Beryllium,7440-41-7†	37739.3	0.0073	mg/L	0.00002	0.2926	mg/kg	0.00068	0.23%
Boron,7440-42-8†	-3072.7	0.1335	mg/L	0.00104	5.3393	mg/kg	0.04158	0.78%
Cadmium,7440-43-9†	5171.8	0.0020	mg/L	0.00016	0.0783	mg/kg	0.00623	7.95%
Calcium,7440-70-2†	943659.9	1118	mg/L	2.8	44710	mg/kg	113.6	0.25%
Chromium,7440-47-3†	91235.1	0.3945	mg/L	0.00080	15.782	mg/kg	0.0320	0.20%
Cobalt,7440-48-4†	7419.8	0.0873	mg/L	0.00081	3.4926	mg/kg	0.03249	0.93%
Copper,7440-50-8†	213698.9	0.4126	mg/L	0.00053	16.503	mg/kg	0.0210	0.13%
Iron,7439-89-6†	79086.6	261.45	mg/L	0.624	10458	mg/kg	25.0	0.24%
Lead,7439-92-1†	15204.4	0.9564	mg/L	0.01047	38.258	mg/kg	0.4187	1.09%
Lithium,7439-93-2†	5361.9	0.3225	mg/L	0.00502	12.901	mg/kg	0.2007	1.56%
Magnesium,7439-95-4†	6703.2	74.262	mg/L	0.3598	2970.5	mg/kg	14.39	0.48%
Manganese,7439-96-5†	6686503.8	5.9249	mg/L	0.00095	236.99	mg/kg	0.038	0.02%
Molybdenum,7439-98-7†	1295.5	0.0308	mg/L	0.00142	1.2308	mg/kg	0.05671	4.61%
Nickel,7440-02-0†	18039.2	0.2390	mg/L	0.00320	9.5587	mg/kg	0.12809	1.34%
Potassium,7440-09-7†	73268.8	35.331	mg/L	0.2493	1413.2	mg/kg	9.97	0.71%
Selenium,7782-49-2†	-594.1	-0.1040	mg/L	0.00509	-4.1597	mg/kg	0.20356	4.89%
Silicon,7440-21-3†	645.4	5.6828	mg/L	0.05384	227.31	mg/kg	2.154	0.95%
Silver,7440-22-4†	-47929.4	-0.0789	mg/L	0.00049	-3.1547	mg/kg	0.01971	0.62%
Sodium,7440-23-5†	91221.5	19.553	mg/L	0.1438	782.11	mg/kg	5.752	0.74%
Strontium,7440-24-6†	557512.0	1.9785	mg/L	0.00713	79.141	mg/kg	0.2854	0.36%
Thallium,7440-28-0†	-209.2	-0.0139	mg/L	0.00134	-0.5575	mg/kg	0.05359	9.61%
Tin,7440-31-5†	-221.4	0.0072	mg/L	0.00314	0.2882	mg/kg	0.12548	43.54%
Titanium,7440-32-6†	197181.3	0.2962	mg/L	0.00237	11.849	mg/kg	0.0949	0.80%
Vanadium,7440-62-2†	49490.5	0.2872	mg/L	0.00048	11.487	mg/kg	0.0193	0.17%
Zinc,7440-66-6†	1714028.1	6.9065	mg/L	0.00148	276.26	mg/kg	0.059	0.02%
Zirconium,7440-67-7†	27237.3	0.0559	mg/L	0.00087	2.2350	mg/kg	0.03494	1.56%

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Sequence No.: 125
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/25/2006 10:49:19 PM
Data Type: Reprocessed on 7/26/2006 8:07:19 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100430.2	102.06	%	0.463				0.45%
Ar 420.067 R	569516.6	64.751	%	0.2317				0.36%
Scandium-IS	8594466.8	216.91	%	2.026				0.93%

Yttrium,7440-65-5A	4329565.6	214.65 %	1.993			0.93%
Yttrium,7440-65-5R	48773.6	107.81 %	0.277			0.26%
Aluminum,7429-90-5†	-27.4	-0.108 mg/L	0.0019	-0.108 mg/L	0.0019	1.78%
QC value less than the lower limit for Aluminum,7429-90-5 Recovery = -2.15%						
Antimony,7440-36-0†	-59.5	-0.0184 mg/L	0.00149	-0.0184 mg/L	0.00149	8.08%
QC value less than the lower limit for Antimony,7440-36-0 Recovery = -3.69%						
Arsenic,7440-38-2†	9.3	0.0024 mg/L	0.00048	0.0024 mg/L	0.00048	19.89%
QC value less than the lower limit for Arsenic,7440-38-2 Recovery = 0.48%						
Barium,7440-39-3†	-166.4	-0.0006 mg/L	0.00004	-0.0006 mg/L	0.00004	5.84%
QC value less than the lower limit for Barium,7440-39-3 Recovery = -0.12%						
Beryllium,7440-41-7†	75.1	0.0000 mg/L	0.00000	0.0000 mg/L	0.00000	17.25%
QC value less than the lower limit for Beryllium,7440-41-7 Recovery = 0.00%						
Boron,7440-42-8†	160.2	0.0022 mg/L	0.00004	0.0022 mg/L	0.00004	1.80%
QC value less than the lower limit for Boron,7440-42-8 Recovery = 0.09%						
Cadmium,7440-43-9†	442.1	0.0012 mg/L	0.00002	0.0012 mg/L	0.00002	1.49%
QC value less than the lower limit for Cadmium,7440-43-9 Recovery = 0.24%						
Calcium,7440-70-2†	7.4	0.009 mg/L	0.0030	0.009 mg/L	0.0030	33.95%
QC value less than the lower limit for Calcium,7440-70-2 Recovery = 0.17%						
Chromium,7440-47-3†	-701.6	-0.0032 mg/L	0.00001	-0.0032 mg/L	0.00001	0.47%
QC value less than the lower limit for Chromium,7440-47-3 Recovery = -0.63%						
Cobalt,7440-48-4†	421.2	0.0053 mg/L	0.00007	0.0053 mg/L	0.00007	1.27%
QC value less than the lower limit for Cobalt,7440-48-4 Recovery = 1.07%						
Copper,7440-50-8†	-5268.0	-0.0115 mg/L	0.00013	-0.0115 mg/L	0.00013	1.13%
QC value less than the lower limit for Copper,7440-50-8 Recovery = -2.30%						
Iron,7439-89-6†	1.0	0.0034 mg/L	0.00409	0.0034 mg/L	0.00409	120.32%
QC value less than the lower limit for Iron,7439-89-6 Recovery = 0.07%						
Lead,7439-92-1†	19.2	0.0012 mg/L	0.00017	0.0012 mg/L	0.00017	13.85%
QC value less than the lower limit for Lead,7439-92-1 Recovery = 0.24%						
Lithium,7439-93-2†	-147.7	-0.0088 mg/L	0.00355	-0.0088 mg/L	0.00355	40.11%
QC value less than the lower limit for Lithium,7439-93-2 Recovery = -1.77%						
Magnesium,7439-95-4†	4.9	0.0541 mg/L	0.00766	0.0541 mg/L	0.00766	14.16%
QC value less than the lower limit for Magnesium,7439-95-4 Recovery = 1.08%						
Manganese,7439-96-5†	-1676.5	-0.0015 mg/L	0.00002	-0.0015 mg/L	0.00002	1.01%
QC value less than the lower limit for Manganese,7439-96-5 Recovery = -0.30%						
Molybdenum,7439-98-7†	91.7	0.0022 mg/L	0.00002	0.0022 mg/L	0.00002	1.13%
QC value less than the lower limit for Molybdenum,7439-98-7 Recovery = 0.44%						
Nickel,7440-02-0†	468.0	0.0063 mg/L	0.00018	0.0063 mg/L	0.00018	2.84%
QC value less than the lower limit for Nickel,7440-02-0 Recovery = 1.26%						
Potassium,7440-09-7†	696.4	0.3381 mg/L	0.01227	0.3381 mg/L	0.01227	3.63%
QC value less than the lower limit for Potassium,7440-09-7 Recovery = 3.38%						
Selenium,7782-49-2†	44.0	0.0207 mg/L	0.00146	0.0207 mg/L	0.00146	7.02%
QC value less than the lower limit for Selenium,7782-49-2 Recovery = 4.14%						
Silicon,7440-21-3†	-12.2	-0.0982 mg/L	0.02081	-0.0982 mg/L	0.02081	21.20%
QC value less than the lower limit for Silicon,7440-21-3 Recovery = -19.63%						
Silver,7440-22-4†	296.0	0.0008 mg/L	0.00012	0.0008 mg/L	0.00012	15.22%
QC value less than the lower limit for Silver,7440-22-4 Recovery = 0.16%						
Sodium,7440-23-5†	-1432.0	-0.3070 mg/L	0.00279	-0.3070 mg/L	0.00279	0.91%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = -1.53%						
Strontium,7440-24-6†	-511.8	-0.0018 mg/L	0.00007	-0.0018 mg/L	0.00007	3.86%
QC value less than the lower limit for Strontium,7440-24-6 Recovery = -0.37%						
Thallium,7440-28-0†	26.1	0.0033 mg/L	0.00019	0.0033 mg/L	0.00019	5.96%
QC value less than the lower limit for Thallium,7440-28-0 Recovery = 0.65%						
Tin,7440-31-5†	-103.8	-0.0072 mg/L	0.00015	-0.0072 mg/L	0.00015	2.03%
QC value less than the lower limit for Tin,7440-31-5 Recovery = -1.43%						
Titanium,7440-32-6†	599.5	0.0009 mg/L	0.00021	0.0009 mg/L	0.00021	23.39%
QC value less than the lower limit for Titanium,7440-32-6 Recovery = 0.18%						
Vanadium,7440-62-2†	-2945.2	-0.0181 mg/L	0.00003	-0.0181 mg/L	0.00003	0.18%
QC value less than the lower limit for Vanadium,7440-62-2 Recovery = -3.62%						
Zinc,7440-66-6†	-1222.0	-0.0050 mg/L	0.00012	-0.0050 mg/L	0.00012	2.36%
QC value less than the lower limit for Zinc,7440-66-6 Recovery = -1.00%						
Zirconium,7440-67-7†	-262.3	-0.0005 mg/L	0.00010	-0.0005 mg/L	0.00010	20.98%
QC value less than the lower limit for Zirconium,7440-67-7 Recovery = -0.09%						

QC Failed. Continue with analysis.

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Sequence No.: 126
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2006 10:56:07 PM
Data Type: Reprocessed on 7/26/2006 8:07:21 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	101008.9	102.65	%	0.370				0.36%
Ar 420.067 R	577685.0	65.679	%	0.1992				0.30%
Scandium-IS	4245752.4	107.16	%	0.830				0.77%
Yttrium,7440-65-5A	2152030.8	106.69	%	0.871				0.82%
Yttrium,7440-65-5R	26374.3	58.298	%	0.5541				0.95%
Aluminum,7429-90-5†	-5.4	-0.021	mg/L	0.0136	-0.021	mg/L	0.0136	63.66%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-10.6	-0.0033	mg/L	0.00174	-0.0033	mg/L	0.00174	52.77%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	-2.8	-0.0008	mg/L	0.00152	-0.0008	mg/L	0.00152	202.23%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	393.5	0.0015	mg/L	0.00029	0.0015	mg/L	0.00029	20.05%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	-24.2	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	315.23%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	726.5	0.0099	mg/L	0.00031	0.0099	mg/L	0.00031	3.16%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	1.9	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	>999.9%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	27.8	0.033	mg/L	0.0137	0.033	mg/L	0.0137	41.62%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	26.5	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	36.65%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	11.6	0.0001	mg/L	0.00016	0.0001	mg/L	0.00016	106.32%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-782.3	-0.0017	mg/L	0.00008	-0.0017	mg/L	0.00008	4.50%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	7.6	0.0250	mg/L	0.01305	0.0250	mg/L	0.01305	52.11%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	31.5	0.0020	mg/L	0.00046	0.0020	mg/L	0.00046	23.73%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	8.5	0.0005	mg/L	0.00326	0.0005	mg/L	0.00326	640.82%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	1.1	0.0123	mg/L	0.05672	0.0123	mg/L	0.05672	459.81%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	1239.0	0.0011	mg/L	0.00008	0.0011	mg/L	0.00008	7.00%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	21.1	0.0005	mg/L	0.00026	0.0005	mg/L	0.00026	50.35%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	18.3	0.0002	mg/L	0.00024	0.0002	mg/L	0.00024	97.42%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	446.1	0.2165	mg/L	0.01086	0.2165	mg/L	0.01086	5.01%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	4.6	0.0022	mg/L	0.00053	0.0022	mg/L	0.00053	24.22%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	58.3	0.4696	mg/L	0.00402	0.4696	mg/L	0.00402	0.86%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	63.4	0.0002	mg/L	0.00019	0.0002	mg/L	0.00019	106.20%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-849.6	-0.1821	mg/L	0.00739	-0.1821	mg/L	0.00739	4.06%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	262.1	0.0009	mg/L	0.00022	0.0009	mg/L	0.00022	23.34%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	2.6	0.0003	mg/L	0.00138	0.0003	mg/L	0.00138	437.12%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-43.4	-0.0030	mg/L	0.00021	-0.0030	mg/L	0.00021	7.09%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6†	249.5	0.0004	mg/L	0.00018	0.0004	mg/L	0.00018	47.52%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated								
Vanadium,7440-62-2†	-570.2	-0.0035	mg/L	0.00012	-0.0035	mg/L	0.00012	3.43%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated								
Zinc,7440-66-6†	8459.3	0.0344	mg/L	0.00162	0.0344	mg/L	0.00162	4.72%
QC value greater than the upper limit for Zinc,7440-66-6 Recovery = Not calculated								
Zirconium,7440-67-7†	462.3	0.0008	mg/L	0.00013	0.0008	mg/L	0.00013	16.27%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 127
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2006 11:00:54 PM
Data Type: Reprocessed on 7/26/2006 8:07:24 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ar 363.268 A	100954.9	102.59	%	0.348				0.34%
Ar 420.067 R	579337.3	65.867	%	0.1180				0.18%
Scandium-IS	4299152.1	108.50	%	0.282				0.26%
Yttrium,7440-65-5A	2178591.7	108.01	%	0.346				0.32%
Yttrium,7440-65-5R	26234.6	57.990	%	0.5974				1.03%
Aluminum,7429-90-5†	2.7	0.011	mg/L	0.0270	0.011	mg/L	0.0270	256.20%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0†	-14.6	-0.0045	mg/L	0.00085	-0.0045	mg/L	0.00085	18.76%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2†	-5.3	-0.0014	mg/L	0.00104	-0.0014	mg/L	0.00104	72.97%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3†	102.3	0.0004	mg/L	0.00007	0.0004	mg/L	0.00007	19.43%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7†	73.3	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	59.12%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8†	593.1	0.0081	mg/L	0.00029	0.0081	mg/L	0.00029	3.63%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9†	-3.9	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	432.18%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2†	32.4	0.038	mg/L	0.0066	0.038	mg/L	0.0066	17.21%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3†	-36.9	-0.0002	mg/L	0.00009	-0.0002	mg/L	0.00009	49.34%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4†	23.6	0.0003	mg/L	0.00009	0.0003	mg/L	0.00009	29.20%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8†	-848.0	-0.0019	mg/L	0.00019	-0.0019	mg/L	0.00019	10.12%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6†	7.3	0.0243	mg/L	0.00970	0.0243	mg/L	0.00970	39.97%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1†	12.0	0.0007	mg/L	0.00035	0.0007	mg/L	0.00035	46.69%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2†	31.1	0.0019	mg/L	0.00499	0.0019	mg/L	0.00499	267.51%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4†	6.2	0.0683	mg/L	0.05999	0.0683	mg/L	0.05999	87.86%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5†	1084.2	0.0010	mg/L	0.00010	0.0010	mg/L	0.00010	10.40%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7†	30.2	0.0007	mg/L	0.00047	0.0007	mg/L	0.00047	64.25%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0†	32.1	0.0004	mg/L	0.00018	0.0004	mg/L	0.00018	41.99%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7†	421.2	0.2045	mg/L	0.03404	0.2045	mg/L	0.03404	16.65%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2†	0.7	0.0003	mg/L	0.00367	0.0003	mg/L	0.00367	>999.9%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3†	59.7	0.4808	mg/L	0.01264	0.4808	mg/L	0.01264	2.63%
QC value greater than the upper limit for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4†	120.8	0.0003	mg/L	0.00026	0.0003	mg/L	0.00026	78.23%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5†	-793.6	-0.1701	mg/L	0.00093	-0.1701	mg/L	0.00093	0.55%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6†	339.7	0.0012	mg/L	0.00016	0.0012	mg/L	0.00016	12.85%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0†	2.7	0.0003	mg/L	0.00068	0.0003	mg/L	0.00068	204.03%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5†	-50.8	-0.0035	mg/L	0.00042	-0.0035	mg/L	0.00042	12.04%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6†	127.3	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	30.00%

QC value within limits for Titanium,7440-32-6 Recovery = Not calculated

Vanadium,7440-62-2†	-634.2	-0.0039 mg/L	0.00012	-0.0039 mg/L	0.00012	3.18%

QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated

Zinc,7440-66-6†	4724.6	0.0192 mg/L	0.00099	0.0192 mg/L	0.00099	5.18%

QC value within limits for Zinc,7440-66-6 Recovery = Not calculated

Zirconium,7440-67-7†	186.8	0.0003 mg/L	0.00001	0.0003 mg/L	0.00001	3.08%

QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated

QC Failed. Continue with analysis.

ICP ANALYSIS

ICP5

AS#	SAMPLE ID		
1	CALIBRATION BLANK		
2	STANDARD 1	160-49-4	
11	ICV-1600	160-48-6	
12	ICV2-1601	160-49-1	
13	ICB-1700		
14	CRDL-2300 F: Ca	160-49-3	
15	CRDL-2301	160-49-6	
16	ICSA-2000	160-49-5	
16	ICSAB-2100	160-48-2	
17	CCV-1800		
11	CCB-1900		Dilution
17		20607191614	OK CLB 7/26/06
18	20607192101	~~20607192101~~ RR AT 50X	25 X
19	392845	MB for HBN 328499 S	
20	392846	LCS for HBN 328499 S	
21	--- 4482 ---	" 20607200602	R/R @ 10x (Zn)
22		" 20607200603 MS	
23		" 20607200604 MSD	
24	394164	" 20607200602 PDS	
25	394165	" 20607200602 SD	5 X R/R @ 50x (Zn)
26		" 20607200601	
5	CCV-1800		
11	CCB-1900		
27		" 20607200605	2 X
28		" 20607200606	
29		" 20607200607	
30		" 20607200608	R/R @ 2x (Zn)
31		" 20607200609	
32		" 20607200611	
33		" 20607200612	
34		" 20607200613	
35		" 20607200614	R/R @ 2x (Zn)
36		" 20607200615	
5	CCV-1800 F: Na		
11	CCB-1900		
37		" 20607200616	R/R @ 2x (Zn)
38		" 20607200617	
39	--- 4482 ---	" 20607200602 Zn	10 X
40		" 20607200603 MS Zn	10 X
41		" 20607200604 MSD Zn	10 X
MAP 42	~~394164~~ 394801	" 20607200602 PDS Zn	10 X
7/26/06 43	~~394165~~ 394802	" 20607200602 SD Zn	50 X
44		" 20607200608 Zn	2 X
45		" 20607200614 Zn	2 X
46		" 20607200616 Zn	2 X

ANALYST: CLB
DATE: 7/26/2006
TIME: ~~9:48~~ 10:45 CLB 7/26/06

AS#	SAMPLE ID		Dilution
5	CCV-1800 F: Na		
1	CCB-1900		
47	392847	MB for HBN 328500 S	
48	392848	LCS for HBN 328500 S	
49	--- 4482 ---	" 20607201204	
50		" 20607201205 MS	
51		" 20607201206 MSD	
52	394204	" 20607201204 PDS	
53	394205	" 20607201204 SD	5 X
54		" 20607201201	
55		" 20607201202	
56		" 20607201203	
5	CCV-1800 F: Na		
1	CCB-1900		
57		" 20607201207	
58		" 20607201208	
59		" 20607201210 RR	
60		" 20607201211	
61		" 20607201212	
62		" 20607201213 RR Zn x2	
63		" 20607201214 RR Zn x5	
64		" 20607201215 RR Zn x2	
65		" 20607201216 RR Zn x2	
66		~~" 20607201217~~ RR x2	
5	CCV-1800 F: Sr, Li, Si, Na		
1	CCB-1900		
67		" 20607201218 RR	
68		" 20607201219	
69		---	
70		---	
71		---	
72		---	
73		---	
74		---	
75		---	
76		---	
5	CCV-1800 F: Li, Si, Na, Sr		
1	CCB-1900		

ANALYST QC REV: CLB
SECONDARY REV: MAP

QC CONTROL LIMITS:
ICV (200.7) 95-105%
ICV (6010B) 90-110%
ICSAB 80-120%
CCV 90-110%

COMMENTS: 3788, 328787

QC: all acceptable qc noted with a checkmark; failures as indicated.

ICP5
(Page 2)

ANALYST CLB
DATE 7/26/2006

AS#	SAMPLE ID	
77	20607191201	2 X
78	---	
79	---	
80	---	
81	---	
82	---	
83		
84		
85		
86		
~~5~~	CCV-1800 F: Al, Ca, Li, Mg, Na, Sr	
~~1~~	CCB-1900	
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
5	CCV-1800	
1	CCB-1900	
97		
98		
99		
100		
101		
102		
103		
104		
105		
106		
5	CCV-1800	
1	CCB-1900	
107		
108		
109		
110		
111		
112		
113		
114		
115		
116		

AS#	SAMPLE ID	Dilution
5	CCV-1800	
1	CCB-1900	
117		
118		
119		
120		
121		
122		
123		
124		
125		
126		
5	CCV-1800	
1	CCB-1900	
127		
128		
129		
130		
131		
132		
133		
134		
135		
136		
5	CCV-1800	
1	CCB-1900	
137		
138		
139		
140		
141		
142		
143		
144		
145		
146		

COMMENTS: 3788, 328787

Reprocessing Begun
Logged In Analyst: met Technique: ICP Continuous

Results Data Set (original): 2060726 A
Results Library (original): C:\pe\localbox\Results\Results.mdb
Results Data Set (reprocessed): 3788 A
Results Library (reprocessed): C:\pe\localbox\Results\Results.mdb

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 10:45:35 AM
Data Type: Reprocessed on 7/27/2006 8:58:57 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scandium-IS	2070743.7	25743.45	1.24%	100.00	%
Yttrium,7440-65-5A	1149258.5	12567.08	1.09%	100.000	%
Yttrium,7440-65-5R	71712.3	3101.78	4.33%	100.00	%
Ar 420.067 R	1343832.0	1814.18	0.14%	100.00	%
Ar 363.268 A	45728.1	255.73	0.56%	100.00	%
Aluminum,7429-90-5	-32.4	15.10	46.62%	[0.00]	mg/L
Antimony,7440-36-0	20.2	6.06	30.04%	[0.00]	mg/L
Arsenic,7440-38-2	8.3	0.73	8.74%	[0.00]	mg/L
Barium,7440-39-3	-165.5	4.39	2.65%	[0.00]	mg/L
Beryllium,7440-41-7	-5369.4	12.73	0.24%	[0.00]	mg/L
Boron,7440-42-8	1042.8	11.65	1.12%	[0.00]	mg/L
Cadmium,7440-43-9	154.3	5.20	3.37%	[0.00]	mg/L
Calcium,7440-70-2	97.5	13.16	13.49%	[0.00]	mg/L
Chromium,7440-47-3	-620.4	38.26	6.17%	[0.00]	mg/L
Cobalt,7440-48-4	-161.2	14.16	8.79%	[0.00]	mg/L
Copper,7440-50-8	-1065.5	20.22	1.90%	[0.00]	mg/L
Iron,7439-89-6	-209.1	1.42	0.68%	[0.00]	mg/L
Lead,7439-92-1	215.8	11.70	5.42%	[0.00]	mg/L
Lithium,7439-93-2	2408.2	62.59	2.60%	[0.00]	mg/L
Magnesium,7439-95-4	-159.8	1.47	0.92%	[0.00]	mg/L
Manganese,7439-96-5	-310.2	36.85	11.88%	[0.00]	mg/L
Molybdenum,7439-98-7	-122.4	10.41	8.50%	[0.00]	mg/L
Nickel,7440-02-0	1.1	12.99	>999.9%	[0.00]	mg/L
Potassium,7440-09-7	-6115.0	7.50	0.12%	[0.00]	mg/L
Selenium,7782-49-2	-5.2	3.53	67.66%	[0.00]	mg/L
Silicon,7440-21-3	87.8	5.20	5.92%	[0.00]	mg/L
Silver,7440-22-4	15791.8	82.77	0.52%	[0.00]	mg/L
Sodium,7440-23-5	5167.7	200.12	3.87%	[0.00]	mg/L
Strontium,7440-24-6	-143.4	46.70	32.56%	[0.00]	mg/L
Thallium,7440-28-0	-48.3	6.46	13.38%	[0.00]	mg/L
Tin,7440-31-5	16.2	6.14	37.79%	[0.00]	mg/L
Titanium,7440-32-6	7578.8	84.50	1.11%	[0.00]	mg/L
Vanadium,7440-62-2	2516.2	17.05	0.68%	[0.00]	mg/L
Zinc,7440-66-6	-184.9	3.18	1.72%	[0.00]	mg/L
Zirconium,7440-67-7	4107.2	62.41	1.52%	[0.00]	mg/L

Sequence No.: 2
Sample ID: Calib Std 1
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 7/26/2006 10:52:58 AM
Data Type: Reprocessed on 7/27/2006 8:58:58 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Std 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scandium-IS	2064155.1	22138.77	1.07%	99.682	%
Yttrium,7440-65-5A	1125194.7	10212.67	0.91%	97.906	%

Yttrium,7440-65-5R	73310.4	747.65	1.02%	102.23	%
Ar 420.067 R	1341495.7	1635.43	0.12%	99.826	%
Ar 363.268 A	45909.2	177.52	0.39%	100.40	%
Aluminum,7429-90-5	3641.9	16.44	0.45%	[10.00000]	mg/L
Antimony,7440-36-0	946.6	1.43	0.15%	[1.000000]	mg/L
Arsenic,7440-38-2	595.7	12.23	2.05%	[1.000000]	mg/L
Barium,7440-39-3	54400.9	728.43	1.34%	[1.000000]	mg/L
Beryllium,7440-41-7	1649166.8	19375.74	1.17%	[1.000000]	mg/L
Boron,7440-42-8	87530.7	914.31	1.04%	[5.00]	mg/L
Cadmium,7440-43-9	59095.2	799.69	1.35%	[1.000000]	mg/L
Calcium,7440-70-2	21704.6	232.03	1.07%	[10.00000]	mg/L
Chromium,7440-47-3	56113.0	583.03	1.04%	[1.000000]	mg/L
Cobalt,7440-48-4	18147.9	233.81	1.29%	[1.000000]	mg/L
Copper,7440-50-8	114405.4	1340.24	1.17%	[1.000000]	mg/L
Iron,7439-89-6	14015.9	43.41	0.31%	[10.00000]	mg/L
Lead,7439-92-1	6233.9	25.28	0.41%	[1.000000]	mg/L
Lithium,7439-93-2	68790.3	699.96	1.02%	[1.00]	mg/L
Magnesium,7439-95-4	2742.0	7.63	0.28%	[10.00000]	mg/L
Manganese,7439-96-5	280684.9	3237.81	1.15%	[1.000000]	mg/L
Molybdenum,7439-98-7	7720.7	24.81	0.32%	[1.00]	mg/L
Nickel,7440-02-0	20839.6	309.93	1.49%	[1.000000]	mg/L
Potassium,7440-09-7	36881.0	290.18	0.79%	[20.00000]	mg/L
Selenium,7782-49-2	680.2	3.30	0.49%	[1.000000]	mg/L
Silicon,7440-21-3	279.2	5.34	1.91%	[1.0]	mg/L
Silver,7440-22-4	151690.8	1790.72	1.18%	[1.000000]	mg/L
Sodium,7440-23-5	121613.1	1163.08	0.96%	[40.00000]	mg/L
Strontium,7440-24-6	158505.1	1031.73	0.65%	[1.00]	mg/L
Thallium,7440-28-0	1119.1	1.63	0.15%	[1.000000]	mg/L
Tin,7440-31-5	2756.3	1.72	0.06%	[1.00]	mg/L
Titanium,7440-32-6	286956.8	3365.50	1.17%	[1.000000]	mg/L
Vanadium,7440-62-2	64548.4	856.33	1.33%	[1.000000]	mg/L
Zinc,7440-66-6	31701.0	457.12	1.44%	[1.000000]	mg/L
Zirconium,7440-67-7	194889.3	2148.80	1.10%	[1.00]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum,7429-90-5	1	Lin, Calc Int	0.0	364.2	0.00000	1.000000	
Antimony,7440-36-0	1	Lin, Calc Int	0.0	946.6	0.00000	1.000000	
Arsenic,7440-38-2	1	Lin, Calc Int	0.0	595.7	0.00000	1.000000	
Barium,7440-39-3	1	Lin, Calc Int	0.0	54400	0.00000	1.000000	
Beryllium,7440-41-7	1	Lin, Calc Int	0.0	1649000	0.00000	1.000000	
Boron,7440-42-8	1	Lin, Calc Int	0.0	17510	0.00000	1.000000	
Cadmium,7440-43-9	1	Lin, Calc Int	0.0	59100	0.00000	1.000000	
Calcium,7440-70-2	1	Lin, Calc Int	0.0	2170	0.00000	1.000000	
Chromium,7440-47-3	1	Lin, Calc Int	0.0	56110	0.00000	1.000000	
Cobalt,7440-48-4	1	Lin, Calc Int	0.0	18150	0.00000	1.000000	
Copper,7440-50-8	1	Lin, Calc Int	0.0	114400	0.00000	1.000000	
Iron,7439-89-6	1	Lin, Calc Int	0.0	1402	0.00000	1.000000	
Lead,7439-92-1	1	Lin, Calc Int	0.0	6234	0.00000	1.000000	
Lithium,7439-93-2	1	Lin, Calc Int	0.0	68790	0.00000	1.000000	
Magnesium,7439-95-4	1	Lin, Calc Int	0.0	274.2	0.00000	1.000000	
Manganese,7439-96-5	1	Lin, Calc Int	0.0	280700	0.00000	1.000000	
Molybdenum,7439-98-7	1	Lin, Calc Int	0.0	7721	0.00000	1.000000	
Nickel,7440-02-0	1	Lin, Calc Int	0.0	20840	0.00000	1.000000	
Potassium,7440-09-7	1	Lin, Calc Int	0.0	1844	0.00000	1.000000	
Selenium,7782-49-2	1	Lin, Calc Int	0.0	680.2	0.00000	1.000000	
Silicon,7440-21-3	1	Lin, Calc Int	0.0	279.2	0.00000	1.000000	
Silver,7440-22-4	1	Lin, Calc Int	0.0	151700	0.00000	1.000000	
Sodium,7440-23-5	1	Lin, Calc Int	0.0	3040	0.00000	1.000000	
Strontium,7440-24-6	1	Lin, Calc Int	0.0	158500	0.00000	1.000000	
Thallium,7440-28-0	1	Lin, Calc Int	0.0	1119	0.00000	1.000000	
Tin,7440-31-5	1	Lin, Calc Int	0.0	2756	0.00000	1.000000	
Titanium,7440-32-6	1	Lin, Calc Int	0.0	287000	0.00000	1.000000	
Vanadium,7440-62-2	1	Lin, Calc Int	0.0	64550	0.00000	1.000000	
Zinc,7440-66-6	1	Lin, Calc Int	0.0	31700	0.00000	1.000000	
Zirconium,7440-67-7	1	Lin, Calc Int	0.0	194900	0.00000	1.000000	

Sequence No.: 3
Sample ID: 1600

Autosampler Location: 11
Date Collected: 7/26/2006 11:00:08 AM

Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Data Type: Reprocessed on 7/27/2006 8:59:22 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1600

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2069315.3	99.931	%	1.0715				1.07%
Yttrium,7440-65-5A	1130137.1	98.336	%	0.8970				0.91%
Yttrium,7440-65-5R	72726.1	101.41	%	2.945				2.90%
Ar 420.067 R	1344704.6	100.06	%	0.439				0.44%
Ar 363.268 A	45921.8	100.42	%	0.319				0.32%
Aluminum,7429-90-5	3801.1	10.445	mg/L	0.0998	10.445	mg/L	0.0998	0.96%
QC value within limits for Aluminum,7429-90-5 Recovery = 104.45%								
Antimony,7440-36-0	989.3	1.0643	mg/L	0.00865	1.0643	mg/L	0.00865	0.81%
QC value within limits for Antimony,7440-36-0 Recovery = 106.43%								
Arsenic,7440-38-2	599.8	1.0068	mg/L	0.00293	1.0068	mg/L	0.00293	0.29%
QC value within limits for Arsenic,7440-38-2 Recovery = 100.68%								
Barium,7440-39-3	56207.9	1.0317	mg/L	0.00858	1.0317	mg/L	0.00858	0.83%
QC value within limits for Barium,7440-39-3 Recovery = 103.17%								
Beryllium,7440-41-7	1683090.1	1.0197	mg/L	0.01365	1.0197	mg/L	0.01365	1.34%
QC value within limits for Beryllium,7440-41-7 Recovery = 101.97%								
Boron,7440-42-8	91592.4	5.2246	mg/L	0.02717	5.2246	mg/L	0.02717	0.52%
QC value within limits for Boron,7440-42-8 Recovery = 104.49%								
Cadmium,7440-43-9	59630.4	1.0078	mg/L	0.01030	1.0078	mg/L	0.01030	1.02%
QC value within limits for Cadmium,7440-43-9 Recovery = 100.78%								
Calcium,7440-70-2	22557.8	10.405	mg/L	0.1091	10.405	mg/L	0.1091	1.05%
QC value within limits for Calcium,7440-70-2 Recovery = 104.05%								
Chromium,7440-47-3	57378.6	1.0209	mg/L	0.00690	1.0209	mg/L	0.00690	0.68%
QC value within limits for Chromium,7440-47-3 Recovery = 102.09%								
Cobalt,7440-48-4	18310.4	1.0073	mg/L	0.00887	1.0073	mg/L	0.00887	0.88%
QC value within limits for Cobalt,7440-48-4 Recovery = 100.73%								
Copper,7440-50-8	115648.3	1.0136	mg/L	0.00721	1.0136	mg/L	0.00721	0.71%
QC value within limits for Copper,7440-50-8 Recovery = 101.36%								
Iron,7439-89-6	14963.3	10.678	mg/L	0.1123	10.678	mg/L	0.1123	1.05%
QC value within limits for Iron,7439-89-6 Recovery = 106.78%								
Lead,7439-92-1	6334.0	1.0176	mg/L	0.00624	1.0176	mg/L	0.00624	0.61%
QC value within limits for Lead,7439-92-1 Recovery = 101.76%								
Lithium,7439-93-2	72035.7	1.0467	mg/L	0.00786	1.0467	mg/L	0.00786	0.75%
QC value within limits for Lithium,7439-93-2 Recovery = 104.67%								
Magnesium,7439-95-4	2839.0	10.353	mg/L	0.0460	10.353	mg/L	0.0460	0.44%
QC value within limits for Magnesium,7439-95-4 Recovery = 103.53%								
Manganese,7439-96-5	286533.5	1.0211	mg/L	0.00856	1.0211	mg/L	0.00856	0.84%
QC value within limits for Manganese,7439-96-5 Recovery = 102.11%								
Molybdenum,7439-98-7	7626.0	0.9879	mg/L	0.00605	0.9879	mg/L	0.00605	0.61%
QC value within limits for Molybdenum,7439-98-7 Recovery = 98.79%								
Nickel,7440-02-0	21078.4	1.0119	mg/L	0.00380	1.0119	mg/L	0.00380	0.38%
QC value within limits for Nickel,7440-02-0 Recovery = 101.19%								
Potassium,7440-09-7	19123.0	10.358	mg/L	0.1017	10.358	mg/L	0.1017	0.98%
QC value within limits for Potassium,7440-09-7 Recovery = 103.58%								
Selenium,7782-49-2	683.2	1.0091	mg/L	0.00659	1.0091	mg/L	0.00659	0.65%
QC value within limits for Selenium,7782-49-2 Recovery = 100.91%								
Silicon,7440-21-3	24.3	0.0863	mg/L	0.11962	0.0863	mg/L	0.11962	138.65%
Silver,7440-22-4	154355.9	1.0097	mg/L	0.00656	1.0097	mg/L	0.00656	0.65%
QC value within limits for Silver,7440-22-4 Recovery = 100.97%								
Sodium,7440-23-5	30875.3	10.075	mg/L	0.1130	10.075	mg/L	0.1130	1.12%
QC value within limits for Sodium,7440-23-5 Recovery = 100.75%								
Strontium,7440-24-6	161222.3	1.0172	mg/L	0.00585	1.0172	mg/L	0.00585	0.58%
QC value within limits for Strontium,7440-24-6 Recovery = 101.72%								
Thallium,7440-28-0	1152.2	1.0375	mg/L	0.00677	1.0375	mg/L	0.00677	0.65%
QC value within limits for Thallium,7440-28-0 Recovery = 103.75%								
Tin,7440-31-5	2824.2	1.0248	mg/L	0.00869	1.0248	mg/L	0.00869	0.85%
QC value within limits for Tin,7440-31-5 Recovery = 102.48%								
Titanium,7440-32-6	289936.6	1.0104	mg/L	0.01202	1.0104	mg/L	0.01202	1.19%
QC value within limits for Titanium,7440-32-6 Recovery = 101.04%								
Vanadium,7440-62-2	65391.3	1.0129	mg/L	0.00431	1.0129	mg/L	0.00431	0.43%
QC value within limits for Vanadium,7440-62-2 Recovery = 101.29%								
Zinc,7440-66-6	32192.1	1.0180	mg/L	0.01058	1.0180	mg/L	0.01058	1.04%
QC value within limits for Zinc,7440-66-6 Recovery = 101.80%								
Zirconium,7440-67-7	986.9	0.0071	mg/L	0.00064	0.0071	mg/L	0.00064	9.05%

All analyte(s) passed QC.

Sequence No.: 4
Sample ID: 1601
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 7/26/2006 11:07:18 AM
Data Type: Reprocessed on 7/27/2006 8:59:25 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1601

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2106218.6	101.71	%	0.595				0.59%
Yttrium,7440-65-5A	1159124.4	100.86	%	0.608				0.60%
Yttrium,7440-65-5R	74637.6	104.08	%	0.484				0.46%
Ar 420.067 R	1344104.1	100.02	%	0.194				0.19%
Ar 363.268 A	46032.5	100.67	%	0.069				0.07%
Aluminum,7429-90-5	-7.2	-0.0197	mg/L	0.02769	-0.0197	mg/L	0.02769	140.50%
Antimony,7440-36-0	-1.7	-0.0018	mg/L	0.00112	-0.0018	mg/L	0.00112	61.17%
Arsenic,7440-38-2	1.9	0.0032	mg/L	0.00747	0.0032	mg/L	0.00747	232.67%
Barium,7440-39-3	5.0	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	83.48%
Beryllium,7440-41-7	254.2	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	22.70%
Boron,7440-42-8	1600.2	0.0914	mg/L	0.00884	0.0914	mg/L	0.00884	9.67%
Cadmium,7440-43-9	17.9	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	27.68%
Calcium,7440-70-2	113.4	0.0523	mg/L	0.00274	0.0523	mg/L	0.00274	5.24%
Chromium,7440-47-3	-17.3	-0.0003	mg/L	0.00083	-0.0003	mg/L	0.00083	271.55%
Cobalt,7440-48-4	2.5	0.0001	mg/L	0.00024	0.0001	mg/L	0.00024	175.48%
Copper,7440-50-8	63.2	0.0006	mg/L	0.00059	0.0006	mg/L	0.00059	106.29%
Iron,7439-89-6	-3.9	-0.0028	mg/L	0.00409	-0.0028	mg/L	0.00409	145.46%
Lead,7439-92-1	-9.3	-0.0015	mg/L	0.00138	-0.0015	mg/L	0.00138	92.32%
Lithium,7439-93-2	151.5	0.0022	mg/L	0.00059	0.0022	mg/L	0.00059	26.85%
Magnesium,7439-95-4	-3.2	-0.0117	mg/L	0.02203	-0.0117	mg/L	0.02203	188.69%
Manganese,7439-96-5	173.3	0.0006	mg/L	0.00013	0.0006	mg/L	0.00013	21.16%
Molybdenum,7439-98-7	-10.9	-0.0014	mg/L	0.00042	-0.0014	mg/L	0.00042	29.55%
Nickel,7440-02-0	16.9	0.0008	mg/L	0.00051	0.0008	mg/L	0.00051	63.38%
Potassium,7440-09-7	78.4	0.0425	mg/L	0.03279	0.0425	mg/L	0.03279	77.11%
Selenium,7782-49-2	2.0	0.0030	mg/L	0.01248	0.0030	mg/L	0.01248	417.59%
Silicon,7440-21-3	266.0	0.9526	mg/L	0.00662	0.9526	mg/L	0.00662	0.69%
QC value within limits for Silicon,7440-21-3 Recovery = 95.26%								
Silver,7440-22-4	1213.7	0.0080	mg/L	0.00073	0.0080	mg/L	0.00073	9.07%
Sodium,7440-23-5	-1103.0	-0.3628	mg/L	0.02915	-0.3628	mg/L	0.02915	8.03%
Strontium,7440-24-6	-118.2	-0.0007	mg/L	0.00047	-0.0007	mg/L	0.00047	62.56%
Thallium,7440-28-0	7.9	0.0071	mg/L	0.00042	0.0071	mg/L	0.00042	5.96%
Tin,7440-31-5	7.2	0.0026	mg/L	0.00093	0.0026	mg/L	0.00093	35.68%
Titanium,7440-32-6	159.1	0.0006	mg/L	0.00022	0.0006	mg/L	0.00022	39.51%
Vanadium,7440-62-2	44.3	0.0007	mg/L	0.00021	0.0007	mg/L	0.00021	30.33%
Zinc,7440-66-6	117.7	0.0037	mg/L	0.00012	0.0037	mg/L	0.00012	3.32%
Zirconium,7440-67-7	202224.3	1.0376	mg/L	0.00937	1.0376	mg/L	0.00937	0.90%
QC value within limits for Zirconium,7440-67-7 Recovery = 103.76%								

All analyte(s) passed QC.

Sequence No.: 5
Sample ID: 1700
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 11:14:26 AM
Data Type: Reprocessed on 7/27/2006 8:59:26 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1700

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2064370.5	99.692	%	0.8970				0.90%
Yttrium,7440-65-5A	1147933.5	99.885	%	0.8323				0.83%
Yttrium,7440-65-5R	73169.0	102.03	%	0.523				0.51%
Ar 420.067 R	1345670.6	100.14	%	0.275				0.27%
Ar 363.268 A	45817.0	100.19	%	0.231				0.23%
Aluminum,7429-90-5	-4.4	-0.0121	mg/L	0.03773	-0.0121	mg/L	0.03773	310.71%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								

Antimony,7440-36-0	-3.1	-0.0033 mg/L	0.00423	-0.0033 mg/L	0.00423	127.13%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated						
Arsenic,7440-38-2	-0.2	-0.0004 mg/L	0.00344	-0.0004 mg/L	0.00344	938.68%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated						
Barium,7440-39-3	5.2	0.0001 mg/L	0.00011	0.0001 mg/L	0.00011	112.61%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated						
Beryllium,7440-41-7	5.8	0.0000 mg/L	0.00003	0.0000 mg/L	0.00003	782.41%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated						
Boron,7440-42-8	476.1	0.0272 mg/L	0.00427	0.0272 mg/L	0.00427	15.70%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated						
Cadmium,7440-43-9	3.4	0.0001 mg/L	0.00017	0.0001 mg/L	0.00017	299.58%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated						
Calcium,7440-70-2	-2.7	-0.0013 mg/L	0.00529	-0.0013 mg/L	0.00529	419.58%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated						
Chromium,7440-47-3	11.1	0.0002 mg/L	0.00081	0.0002 mg/L	0.00081	409.30%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated						
Cobalt,7440-48-4	2.5	0.0001 mg/L	0.00063	0.0001 mg/L	0.00063	460.96%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated						
Copper,7440-50-8	18.4	0.0002 mg/L	0.00080	0.0002 mg/L	0.00080	499.66%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated						
Iron,7439-89-6	-0.7	-0.0005 mg/L	0.00288	-0.0005 mg/L	0.00288	570.31%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated						
Lead,7439-92-1	11.2	0.0018 mg/L	0.00393	0.0018 mg/L	0.00393	219.68%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated						
Lithium,7439-93-2	27.0	0.0004 mg/L	0.00128	0.0004 mg/L	0.00128	325.67%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated						
Magnesium,7439-95-4	1.5	0.0056 mg/L	0.02096	0.0056 mg/L	0.02096	377.30%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated						
Manganese,7439-96-5	30.4	0.0001 mg/L	0.00011	0.0001 mg/L	0.00011	99.18%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated						
Molybdenum,7439-98-7	0.9	0.0001 mg/L	0.00081	0.0001 mg/L	0.00081	664.37%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated						
Nickel,7440-02-0	-11.5	-0.0006 mg/L	0.00064	-0.0006 mg/L	0.00064	116.26%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated						
Potassium,7440-09-7	9.3	0.0050 mg/L	0.03871	0.0050 mg/L	0.03871	770.40%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated						
Selenium,7782-49-2	7.1	0.0104 mg/L	0.00433	0.0104 mg/L	0.00433	41.74%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated						
Silicon,7440-21-3	-4.5	-0.0161 mg/L	0.01252	-0.0161 mg/L	0.01252	77.61%
QC value within limits for Silicon,7440-21-3 Recovery = Not calculated						
Silver,7440-22-4	39.9	0.0003 mg/L	0.00096	0.0003 mg/L	0.00096	373.69%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated						
Sodium,7440-23-5	-1321.7	-0.4347 mg/L	0.00804	-0.4347 mg/L	0.00804	1.85%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated						
Strontium,7440-24-6	-16.5	-0.0001 mg/L	0.00008	-0.0001 mg/L	0.00008	79.96%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated						
Thallium,7440-28-0	1.8	0.0016 mg/L	0.00380	0.0016 mg/L	0.00380	231.60%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated						
Tin,7440-31-5	8.8	0.0032 mg/L	0.00124	0.0032 mg/L	0.00124	38.98%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated						
Titanium,7440-32-6	-86.3	-0.0003 mg/L	0.00006	-0.0003 mg/L	0.00006	20.44%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated						
Vanadium,7440-62-2	45.8	0.0007 mg/L	0.00087	0.0007 mg/L	0.00087	122.96%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6	-4.4	-0.0001 mg/L	0.00028	-0.0001 mg/L	0.00028	203.63%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7	564.6	0.0029 mg/L	0.00030	0.0029 mg/L	0.00030	10.43%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated						

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: 2300
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/26/2006 11:21:31 AM
Data Type: Reprocessed on 7/27/2006 8:59:28 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 2300

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Scandium-IS	2099371.2	101.38 %		1.050				1.04%
Yttrium,7440-65-5A	1162675.2	101.17 %		0.985				0.97%
Yttrium,7440-65-5R	74354.4	103.68 %		0.403				0.39%
Ar 420.067 R	1343808.1	99.998 %		0.5507				0.55%
Ar 363.268 A	45963.7	100.52 %		0.298				0.30%
Aluminum,7429-90-5	89.1	0.2449 mg/L		0.03357	0.2449 mg/L		0.03357	13.71%
QC value within limits for Aluminum,7429-90-5 Recovery = 122.44%								
Antimony,7440-36-0	66.9	0.0710 mg/L		0.00145	0.0710 mg/L		0.00145	2.05%
QC value within limits for Antimony,7440-36-0 Recovery = 118.27%								
Arsenic,7440-38-2	3.8	0.0064 mg/L		0.00418	0.0064 mg/L		0.00418	65.42%
QC value within limits for Arsenic,7440-38-2 Recovery = 63.87%								
Barium,7440-39-3	567.0	0.0104 mg/L		0.00026	0.0104 mg/L		0.00026	2.50%
QC value within limits for Barium,7440-39-3 Recovery = 103.99%								
Beryllium,7440-41-7	8005.5	0.0048 mg/L		0.00001	0.0048 mg/L		0.00001	0.27%
QC value within limits for Beryllium,7440-41-7 Recovery = 95.80%								
Boron,7440-42-8	8889.2	0.5078 mg/L		0.00613	0.5078 mg/L		0.00613	1.21%
QC value within limits for Boron,7440-42-8 Recovery = 101.56%								
Cadmium,7440-43-9	283.4	0.0048 mg/L		0.00006	0.0048 mg/L		0.00006	1.15%
QC value within limits for Cadmium,7440-43-9 Recovery = 95.51%								
Calcium,7440-70-2	524.8	0.2421 mg/L		0.00099	0.2421 mg/L		0.00099	0.41%
QC value greater than the upper limit for Calcium,7440-70-2 Recovery = 242.07%								
Chromium,7440-47-3	552.7	0.0098 mg/L		0.00097	0.0098 mg/L		0.00097	9.80%
QC value within limits for Chromium,7440-47-3 Recovery = 98.47%								
Cobalt,7440-48-4	178.2	0.0098 mg/L		0.00066	0.0098 mg/L		0.00066	6.72%
QC value within limits for Cobalt,7440-48-4 Recovery = 98.07%								
Copper,7440-50-8	1161.0	0.0102 mg/L		0.00035	0.0102 mg/L		0.00035	3.45%
QC value within limits for Copper,7440-50-8 Recovery = 102.00%								
Iron,7439-89-6	128.2	0.0916 mg/L		0.00174	0.0916 mg/L		0.00174	1.90%
QC value within limits for Iron,7439-89-6 Recovery = 91.58%								
Lead,7439-92-1	91.8	0.0147 mg/L		0.00226	0.0147 mg/L		0.00226	15.39%
QC value within limits for Lead,7439-92-1 Recovery = 98.01%								
Lithium,7439-93-2	3896.0	0.0566 mg/L		0.00049	0.0566 mg/L		0.00049	0.86%
QC value within limits for Lithium,7439-93-2 Recovery = 113.24%								
Magnesium,7439-95-4	32.1	0.1171 mg/L		0.01884	0.1171 mg/L		0.01884	16.09%
QC value within limits for Magnesium,7439-95-4 Recovery = 117.13%								
Manganese,7439-96-5	4476.2	0.0160 mg/L		0.00006	0.0160 mg/L		0.00006	0.40%
QC value within limits for Manganese,7439-96-5 Recovery = 106.48%								
Molybdenum,7439-98-7	370.1	0.0480 mg/L		0.00106	0.0480 mg/L		0.00106	2.21%
QC value within limits for Molybdenum,7439-98-7 Recovery = 95.90%								
Nickel,7440-02-0	846.8	0.0407 mg/L		0.00137	0.0407 mg/L		0.00137	3.38%
QC value within limits for Nickel,7440-02-0 Recovery = 101.70%								
Potassium,7440-09-7	941.5	0.5101 mg/L		0.01508	0.5101 mg/L		0.01508	2.96%
QC value within limits for Potassium,7440-09-7 Recovery = 102.02%								
Selenium,7782-49-2	29.7	0.0438 mg/L		0.00101	0.0438 mg/L		0.00101	2.32%
QC value within limits for Selenium,7782-49-2 Recovery = 109.39%								
Silicon,7440-21-3	-3.5	-0.0125 mg/L		0.00792	-0.0125 mg/L		0.00792	63.61%
Silver,7440-22-4	811.9	0.0052 mg/L		0.00049	0.0052 mg/L		0.00049	9.53%
QC value within limits for Silver,7440-22-4 Recovery = 51.80%								
Sodium,7440-23-5	1613.6	0.5280 mg/L		0.03465	0.5280 mg/L		0.03465	6.56%
QC value within limits for Sodium,7440-23-5 Recovery = 52.80%								
Strontium,7440-24-6	8117.7	0.0512 mg/L		0.00023	0.0512 mg/L		0.00023	0.44%
QC value within limits for Strontium,7440-24-6 Recovery = 102.43%								
Thallium,7440-28-0	11.9	0.0113 mg/L		0.00250	0.0113 mg/L		0.00250	22.12%
QC value within limits for Thallium,7440-28-0 Recovery = 113.19%								
Tin,7440-31-5	277.6	0.1008 mg/L		0.00146	0.1008 mg/L		0.00146	1.45%
QC value within limits for Tin,7440-31-5 Recovery = 100.76%								
Titanium,7440-32-6	29325.3	0.1022 mg/L		0.00124	0.1022 mg/L		0.00124	1.21%
QC value within limits for Titanium,7440-32-6 Recovery = 102.19%								
Vanadium,7440-62-2	1303.6	0.0202 mg/L		0.00064	0.0202 mg/L		0.00064	3.18%
QC value within limits for Vanadium,7440-62-2 Recovery = 100.90%								
Zinc,7440-66-6	820.9	0.0260 mg/L		0.00021	0.0260 mg/L		0.00021	0.82%
QC value within limits for Zinc,7440-66-6 Recovery = 129.79%								
Zirconium,7440-67-7	3166.2	0.0165 mg/L		0.00121	0.0165 mg/L		0.00121	7.34%

QC Failed. Continue with analysis.

Sequence No.: 7
Sample ID: 2301
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/26/2006 11:33:30 AM
Data Type: Reprocessed on 7/27/2006 8:59:29 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 2301

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2097302.0	101.28	%	0.684				0.68%
Yttrium,7440-65-5A	1163896.1	101.27	%	0.548				0.54%
Yttrium,7440-65-5R	73871.5	103.01	%	0.942				0.91%
Ar 420.067 R	1346331.2	100.19	%	0.120				0.12%
Ar 363.268 A	45873.1	100.32	%	0.146				0.15%
Aluminum,7429-90-5	31.2	0.0856	mg/L	0.08114	0.0856	mg/L	0.08114	94.75%
Antimony,7440-36-0	40.7	0.0430	mg/L	0.00312	0.0430	mg/L	0.00312	7.27%
QC value within limits for Antimony,7440-36-0 Recovery = 107.49%								
Arsenic,7440-38-2	-0.5	-0.0008	mg/L	0.00303	-0.0008	mg/L	0.00303	384.22%
Barium,7440-39-3	12.2	0.0002	mg/L	0.00029	0.0002	mg/L	0.00029	132.96%
Beryllium,7440-41-7	1633.1	0.0010	mg/L	0.00003	0.0010	mg/L	0.00003	2.54%
QC value within limits for Beryllium,7440-41-7 Recovery = 99.02%								
Boron,7440-42-8	1854.1	0.1059	mg/L	0.00117	0.1059	mg/L	0.00117	1.10%
QC value within limits for Boron,7440-42-8 Recovery = 105.90%								
Cadmium,7440-43-9	52.9	0.0009	mg/L	0.00013	0.0009	mg/L	0.00013	14.72%
QC value within limits for Cadmium,7440-43-9 Recovery = 89.42%								
Calcium,7440-70-2	7.7	0.0036	mg/L	0.00119	0.0036	mg/L	0.00119	33.52%
Chromium,7440-47-3	39.9	0.0007	mg/L	0.00153	0.0007	mg/L	0.00153	216.09%
Cobalt,7440-48-4	-2.0	-0.0001	mg/L	0.00044	-0.0001	mg/L	0.00044	390.90%
Copper,7440-50-8	46.6	0.0004	mg/L	0.00030	0.0004	mg/L	0.00030	72.78%
Iron,7439-89-6	22.3	0.0159	mg/L	0.03536	0.0159	mg/L	0.03536	221.83%
Lead,7439-92-1	36.4	0.0058	mg/L	0.00345	0.0058	mg/L	0.00345	59.05%
QC value within limits for Lead,7439-92-1 Recovery = 116.93%								
Lithium,7439-93-2	-7.5	-0.0001	mg/L	0.00051	-0.0001	mg/L	0.00051	465.40%
Magnesium,7439-95-4	2.2	0.0079	mg/L	0.02399	0.0079	mg/L	0.02399	302.01%
Manganese,7439-96-5	66.1	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	58.80%
Molybdenum,7439-98-7	149.5	0.0194	mg/L	0.00099	0.0194	mg/L	0.00099	5.13%
QC value within limits for Molybdenum,7439-98-7 Recovery = 96.82%								
Nickel,7440-02-0	222.4	0.0107	mg/L	0.00047	0.0107	mg/L	0.00047	4.39%
QC value within limits for Nickel,7440-02-0 Recovery = 106.74%								
Potassium,7440-09-7	-116.9	-0.0634	mg/L	0.03775	-0.0634	mg/L	0.03775	59.55%
Selenium,7782-49-2	8.8	0.0129	mg/L	0.00432	0.0129	mg/L	0.00432	33.42%
QC value within limits for Selenium,7782-49-2 Recovery = 129.20%								
Silicon,7440-21-3	-4.0	-0.0144	mg/L	0.01787	-0.0144	mg/L	0.01787	124.44%
Silver,7440-22-4	410.9	0.0027	mg/L	0.00068	0.0027	mg/L	0.00068	25.52%
QC value within limits for Silver,7440-22-4 Recovery = 133.20%								
Sodium,7440-23-5	-1570.3	-0.5167	mg/L	0.02573	-0.5167	mg/L	0.02573	4.98%
Strontium,7440-24-6	-33.2	-0.0002	mg/L	0.00030	-0.0002	mg/L	0.00030	142.43%
Thallium,7440-28-0	6.6	0.0059	mg/L	0.00139	0.0059	mg/L	0.00139	23.52%
Tin,7440-31-5	73.5	0.0267	mg/L	0.00108	0.0267	mg/L	0.00108	4.06%
QC value within limits for Tin,7440-31-5 Recovery = 106.68%								
Titanium,7440-32-6	-32.6	-0.0001	mg/L	0.00043	-0.0001	mg/L	0.00043	374.29%
Vanadium,7440-62-2	353.7	0.0055	mg/L	0.00086	0.0055	mg/L	0.00086	15.66%
QC value within limits for Vanadium,7440-62-2 Recovery = 109.59%								
Zinc,7440-66-6	320.8	0.0101	mg/L	0.00019	0.0101	mg/L	0.00019	1.82%
QC value within limits for Zinc,7440-66-6 Recovery = 101.45%								
Zirconium,7440-67-7	-8.3	0.0000	mg/L	0.00013	0.0000	mg/L	0.00013	305.63%

All analyte(s) passed QC.

Sequence No.: 8
Sample ID: 2000
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/26/2006 11:40:47 AM
Data Type: Reprocessed on 7/27/2006 8:59:31 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 2000

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	1933883.9	93.391	%	0.4018				0.43%
Yttrium,7440-65-5A	1057744.0	92.037	%	0.6150				0.67%
Yttrium,7440-65-5R	68716.1	95.822	%	3.4667				3.62%
Ar 420.067 R	1321684.3	98.352	%	0.1598				0.16%
Ar 363.268 A	44382.7	97.058	%	0.2695				0.28%
Aluminum,7429-90-5	70850.7	194.54	mg/L	1.917	194.54	mg/L	1.917	0.99%

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   QC value within limits for Aluminum,7429-90-5  Recovery = 97.27%
Antimony,7440-36-0        -1.1      0.0078 mg/L      0.00066      0.0078 mg/L      0.00066   8.41%
   QC value within limits for Antimony,7440-36-0  Recovery = Not calculated
Arsenic,7440-38-2          7.0      0.0389 mg/L      0.00485      0.0389 mg/L      0.00485  12.45%
   QC value within limits for Arsenic,7440-38-2  Recovery = Not calculated
Barium,7440-39-3          87.9      0.0018 mg/L      0.00024      0.0018 mg/L      0.00024  12.85%
   QC value within limits for Barium,7440-39-3  Recovery = Not calculated
Beryllium,7440-41-7     -583.0     -0.0003 mg/L      0.00005     -0.0003 mg/L      0.00005  15.49%
   QC value within limits for Beryllium,7440-41-7  Recovery = Not calculated
Boron,7440-42-8         -515.7     -0.0955 mg/L      0.00249     -0.0955 mg/L      0.00249   2.61%
   QC value within limits for Boron,7440-42-8  Recovery = Not calculated
Cadmium,7440-43-9         80.5      0.0007 mg/L      0.00011      0.0007 mg/L      0.00011  14.81%
   QC value within limits for Cadmium,7440-43-9  Recovery = Not calculated
Calcium,7440-70-2     409240.8    188.59 mg/L        1.407    188.59 mg/L          1.407   0.75%
   QC value within limits for Calcium,7440-70-2  Recovery = 94.29%
Chromium,7440-47-3      -130.4     -0.0149 mg/L      0.00092     -0.0149 mg/L      0.00092   6.20%
   QC value within limits for Chromium,7440-47-3  Recovery = Not calculated
Cobalt,7440-48-4          16.7      0.0004 mg/L      0.00032      0.0004 mg/L      0.00032  79.16%
   QC value within limits for Cobalt,7440-48-4  Recovery = Not calculated
Copper,7440-50-8       -1625.4     -0.0154 mg/L      0.00064     -0.0154 mg/L      0.00064   4.15%
   QC value within limits for Copper,7440-50-8  Recovery = Not calculated
Iron,7439-89-6        105468.5     75.236 mg/L        0.6193     75.236 mg/L        0.6193   0.82%
   QC value within limits for Iron,7439-89-6  Recovery = 94.04%
Lead,7439-92-1           -95.1     -0.0007 mg/L      0.00077     -0.0007 mg/L      0.00077 104.25%
   QC value within limits for Lead,7439-92-1  Recovery = Not calculated
Lithium,7439-93-2         96.8     -0.0004 mg/L      0.00103     -0.0004 mg/L      0.00103 252.06%
   QC value within limits for Lithium,7439-93-2  Recovery = Not calculated
Magnesium,7439-95-4    52178.6     190.28 mg/L        1.304    190.28 mg/L          1.304   0.69%
   QC value within limits for Magnesium,7439-95-4  Recovery = 95.14%
Manganese,7439-96-5      681.5      0.0020 mg/L      0.00013      0.0020 mg/L      0.00013   6.55%
   QC value within limits for Manganese,7439-96-5  Recovery = Not calculated
Molybdenum,7439-98-7     -46.8     -0.0086 mg/L      0.00114     -0.0086 mg/L      0.00114  13.20%
   QC value within limits for Molybdenum,7439-98-7  Recovery = Not calculated
Nickel,7440-02-0          26.1      0.0010 mg/L      0.00083      0.0010 mg/L      0.00083  83.88%
   QC value within limits for Nickel,7440-02-0  Recovery = Not calculated
Potassium,7440-09-7      133.0     -0.0113 mg/L      0.01969     -0.0113 mg/L      0.01969 173.85%
   QC value within limits for Potassium,7440-09-7  Recovery = Not calculated
Selenium,7782-49-2       -13.0      0.0332 mg/L      0.00821      0.0332 mg/L      0.00821  24.75%
   QC value within limits for Selenium,7782-49-2  Recovery = Not calculated
Silicon,7440-21-3          3.4      0.0114 mg/L      0.00994      0.0114 mg/L      0.00994  87.25%
   QC value within limits for Silicon,7440-21-3  Recovery = Not calculated
Silver,7440-22-4       -1909.0     -0.0072 mg/L      0.00042     -0.0072 mg/L      0.00042   5.80%
   QC value within limits for Silver,7440-22-4  Recovery = Not calculated
Sodium,7440-23-5        -819.0     -0.5474 mg/L      0.03349     -0.5474 mg/L      0.03349   6.12%
   QC value within limits for Sodium,7440-23-5  Recovery = Not calculated
Strontium,7440-24-6      920.0      0.0061 mg/L      0.00048      0.0061 mg/L      0.00048   7.85%
   QC value within limits for Strontium,7440-24-6  Recovery = Not calculated
Thallium,7440-28-0        -0.7      0.0068 mg/L      0.00423      0.0068 mg/L      0.00423  61.84%
   QC value within limits for Thallium,7440-28-0  Recovery = Not calculated
Tin,7440-31-5            -33.9     -0.0166 mg/L      0.00343     -0.0166 mg/L      0.00343  20.66%
   QC value within limits for Tin,7440-31-5  Recovery = Not calculated
Titanium,7440-32-6      -157.0     -0.0006 mg/L      0.00049     -0.0006 mg/L      0.00049  75.99%
   QC value within limits for Titanium,7440-32-6  Recovery = Not calculated
Vanadium,7440-62-2       158.3      0.0024 mg/L      0.00143      0.0024 mg/L      0.00143  59.64%
   QC value within limits for Vanadium,7440-62-2  Recovery = Not calculated
Zinc,7440-66-6          -466.3     -0.0116 mg/L      0.00027     -0.0116 mg/L      0.00027   2.31%
   QC value within limits for Zinc,7440-66-6  Recovery = Not calculated
Zirconium,7440-67-7      263.3      0.0001 mg/L      0.00055      0.0001 mg/L      0.00055 408.77%
   QC value within limits for Zirconium,7440-67-7  Recovery = Not calculated
All analyte(s) passed QC.
```

Sequence No.: 9
Sample ID: 2100
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/26/2006 11:51:54 AM
Data Type: Reprocessed on 7/27/2006 8:59:32 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 2100

	Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Scandium-IS	1958381.2	94.574	%	0.2998				0.32%
Yttrium,7440-65-5A	1072121.0	93.288	%	0.4042				0.43%
Yttrium,7440-65-5R	70458.2	98.251	%	0.7564				0.77%
Ar 420.067 R	1300112.9	96.747	%	0.2464				0.25%
Ar 363.268 A	44353.5	96.994	%	0.3479				0.36%
Aluminum,7429-90-5	72493.9	199.05	mg/L	2.115	199.05	mg/L	2.115	1.06%
QC value within limits for Aluminum,7429-90-5 Recovery = 99.53%								
Antimony,7440-36-0	929.9	1.0008	mg/L	0.00624	1.0008	mg/L	0.00624	0.62%
QC value within limits for Antimony,7440-36-0 Recovery = 100.08%								
Arsenic,7440-38-2	596.7	1.0280	mg/L	0.00626	1.0280	mg/L	0.00626	0.61%
QC value within limits for Arsenic,7440-38-2 Recovery = 102.80%								
Barium,7440-39-3	27637.6	0.5075	mg/L	0.00396	0.5075	mg/L	0.00396	0.78%
QC value within limits for Barium,7440-39-3 Recovery = 101.51%								
Beryllium,7440-41-7	825021.9	0.5002	mg/L	0.00249	0.5002	mg/L	0.00249	0.50%
QC value within limits for Beryllium,7440-41-7 Recovery = 100.04%								
Boron,7440-42-8	17169.2	0.9143	mg/L	0.01252	0.9143	mg/L	0.01252	1.37%
QC value within limits for Boron,7440-42-8 Recovery = 91.43%								
Cadmium,7440-43-9	57593.8	0.9734	mg/L	0.00864	0.9734	mg/L	0.00864	0.89%
QC value within limits for Cadmium,7440-43-9 Recovery = 97.34%								
Calcium,7440-70-2	416989.5	192.16	mg/L	2.334	192.16	mg/L	2.334	1.21%
QC value within limits for Calcium,7440-70-2 Recovery = 96.08%								
Chromium,7440-47-3	27817.6	0.4833	mg/L	0.00332	0.4833	mg/L	0.00332	0.69%
QC value within limits for Chromium,7440-47-3 Recovery = 96.66%								
Cobalt,7440-48-4	8462.7	0.4650	mg/L	0.00181	0.4650	mg/L	0.00181	0.39%
QC value within limits for Cobalt,7440-48-4 Recovery = 93.00%								
Copper,7440-50-8	56103.0	0.4905	mg/L	0.00340	0.4905	mg/L	0.00340	0.69%
QC value within limits for Copper,7440-50-8 Recovery = 98.10%								
Iron,7439-89-6	107487.1	76.677	mg/L	0.9346	76.677	mg/L	0.9346	1.22%
QC value within limits for Iron,7439-89-6 Recovery = 95.85%								
Lead,7439-92-1	5917.9	0.9638	mg/L	0.00571	0.9638	mg/L	0.00571	0.59%
QC value within limits for Lead,7439-92-1 Recovery = 96.38%								
Lithium,7439-93-2	-37.9	-0.0025	mg/L	0.00039	-0.0025	mg/L	0.00039	15.48%
Magnesium,7439-95-4	53320.1	194.44	mg/L	2.339	194.44	mg/L	2.339	1.20%
QC value within limits for Magnesium,7439-95-4 Recovery = 97.22%								
Manganese,7439-96-5	139199.7	0.4956	mg/L	0.00361	0.4956	mg/L	0.00361	0.73%
QC value within limits for Manganese,7439-96-5 Recovery = 99.12%								
Molybdenum,7439-98-7	7320.3	0.9456	mg/L	0.00316	0.9456	mg/L	0.00316	0.33%
QC value within limits for Molybdenum,7439-98-7 Recovery = 94.56%								
Nickel,7440-02-0	19493.3	0.9351	mg/L	0.01036	0.9351	mg/L	0.01036	1.11%
QC value within limits for Nickel,7440-02-0 Recovery = 93.51%								
Potassium,7440-09-7	132.1	-0.0159	mg/L	0.03011	-0.0159	mg/L	0.03011	189.08%
Selenium,7782-49-2	649.5	1.0083	mg/L	0.00929	1.0083	mg/L	0.00929	0.92%
QC value within limits for Selenium,7782-49-2 Recovery = 100.83%								
Silicon,7440-21-3	33.3	0.1180	mg/L	0.02119	0.1180	mg/L	0.02119	17.96%
Silver,7440-22-4	154273.5	1.0184	mg/L	0.00640	1.0184	mg/L	0.00640	0.63%
QC value within limits for Silver,7440-22-4 Recovery = 101.84%								
Sodium,7440-23-5	2528.4	0.5208	mg/L	0.02721	0.5208	mg/L	0.02721	5.23%
Strontium,7440-24-6	960.9	0.0064	mg/L	0.00045	0.0064	mg/L	0.00045	7.15%
Thallium,7440-28-0	1143.5	1.0297	mg/L	0.00998	1.0297	mg/L	0.00998	0.97%
QC value within limits for Thallium,7440-28-0 Recovery = 102.97%								
Tin,7440-31-5	-34.2	-0.0168	mg/L	0.00231	-0.0168	mg/L	0.00231	13.77%
Titanium,7440-32-6	-162.7	-0.0007	mg/L	0.00042	-0.0007	mg/L	0.00042	64.26%
Vanadium,7440-62-2	32046.0	0.4964	mg/L	0.00384	0.4964	mg/L	0.00384	0.77%
QC value within limits for Vanadium,7440-62-2 Recovery = 99.27%								
Zinc,7440-66-6	31068.3	0.9849	mg/L	0.01028	0.9849	mg/L	0.01028	1.04%
QC value within limits for Zinc,7440-66-6 Recovery = 98.49%								
Zirconium,7440-67-7	812.2	0.0028	mg/L	0.00060	0.0028	mg/L	0.00060	21.17%

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/26/2006 11:59:11 AM
Data Type: Reprocessed on 7/27/2006 8:59:34 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

Scandium-IS	2087223.8	100.80 %	1.474			1.46%
Yttrium,7440-65-5A	1140706.2	99.256 %	1.3645			1.37%
Yttrium,7440-65-5R	72288.4	100.80 %	0.373			0.37%
Ar 420.067 R	1324988.6	98.598 %	0.4510			0.46%
Ar 363.268 A	45775.8	100.10 %	0.240			0.24%
Aluminum,7429-90-5	1862.4	5.1180 mg/L	0.03652	5.1180 mg/L	0.03652	0.71%
QC value within limits for Aluminum,7429-90-5 Recovery = 102.36%						
Antimony,7440-36-0	482.5	0.5193 mg/L	0.00598	0.5193 mg/L	0.00598	1.15%
QC value within limits for Antimony,7440-36-0 Recovery = 103.86%						
Arsenic,7440-38-2	299.3	0.5024 mg/L	0.00661	0.5024 mg/L	0.00661	1.32%
QC value within limits for Arsenic,7440-38-2 Recovery = 100.47%						
Barium,7440-39-3	27653.1	0.5076 mg/L	0.00239	0.5076 mg/L	0.00239	0.47%
QC value within limits for Barium,7440-39-3 Recovery = 101.51%						
Beryllium,7440-41-7	831738.1	0.5039 mg/L	0.00793	0.5039 mg/L	0.00793	1.57%
QC value within limits for Beryllium,7440-41-7 Recovery = 100.78%						
Boron,7440-42-8	44203.8	2.5217 mg/L	0.00873	2.5217 mg/L	0.00873	0.35%
QC value within limits for Boron,7440-42-8 Recovery = 100.87%						
Cadmium,7440-43-9	29990.7	0.5069 mg/L	0.00211	0.5069 mg/L	0.00211	0.42%
QC value within limits for Cadmium,7440-43-9 Recovery = 101.37%						
Calcium,7440-70-2	10720.9	4.9455 mg/L	0.01862	4.9455 mg/L	0.01862	0.38%
QC value within limits for Calcium,7440-70-2 Recovery = 98.91%						
Chromium,7440-47-3	28598.8	0.5089 mg/L	0.00248	0.5089 mg/L	0.00248	0.49%
QC value within limits for Chromium,7440-47-3 Recovery = 101.78%						
Cobalt,7440-48-4	9234.2	0.5080 mg/L	0.00341	0.5080 mg/L	0.00341	0.67%
QC value within limits for Cobalt,7440-48-4 Recovery = 101.60%						
Copper,7440-50-8	58330.9	0.5112 mg/L	0.00224	0.5112 mg/L	0.00224	0.44%
QC value within limits for Copper,7440-50-8 Recovery = 102.24%						
Iron,7439-89-6	6956.0	4.9640 mg/L	0.01434	4.9640 mg/L	0.01434	0.29%
QC value within limits for Iron,7439-89-6 Recovery = 99.28%						
Lead,7439-92-1	3158.2	0.5073 mg/L	0.00466	0.5073 mg/L	0.00466	0.92%
QC value within limits for Lead,7439-92-1 Recovery = 101.46%						
Lithium,7439-93-2	35582.2	0.5170 mg/L	0.00238	0.5170 mg/L	0.00238	0.46%
QC value within limits for Lithium,7439-93-2 Recovery = 103.41%						
Magnesium,7439-95-4	1376.0	5.0180 mg/L	0.02603	5.0180 mg/L	0.02603	0.52%
QC value within limits for Magnesium,7439-95-4 Recovery = 100.36%						
Manganese,7439-96-5	143325.4	0.5108 mg/L	0.00242	0.5108 mg/L	0.00242	0.47%
QC value within limits for Manganese,7439-96-5 Recovery = 102.15%						
Molybdenum,7439-98-7	3895.4	0.5046 mg/L	0.00248	0.5046 mg/L	0.00248	0.49%
QC value within limits for Molybdenum,7439-98-7 Recovery = 100.92%						
Nickel,7440-02-0	10644.8	0.5110 mg/L	0.00298	0.5110 mg/L	0.00298	0.58%
QC value within limits for Nickel,7440-02-0 Recovery = 102.20%						
Potassium,7440-09-7	18356.3	9.9484 mg/L	0.02816	9.9484 mg/L	0.02816	0.28%
QC value within limits for Potassium,7440-09-7 Recovery = 99.48%						
Selenium,7782-49-2	342.5	0.5058 mg/L	0.00296	0.5058 mg/L	0.00296	0.59%
QC value within limits for Selenium,7782-49-2 Recovery = 101.16%						
Silicon,7440-21-3	135.3	0.4841 mg/L	0.01044	0.4841 mg/L	0.01044	2.16%
QC value within limits for Silicon,7440-21-3 Recovery = 96.82%						
Silver,7440-22-4	77125.9	0.5045 mg/L	0.00188	0.5045 mg/L	0.00188	0.37%
QC value within limits for Silver,7440-22-4 Recovery = 100.90%						
Sodium,7440-23-5	58806.0	19.302 mg/L	0.0658	19.302 mg/L	0.0658	0.34%
QC value within limits for Sodium,7440-23-5 Recovery = 96.51%						
Strontium,7440-24-6	78988.9	0.4984 mg/L	0.00193	0.4984 mg/L	0.00193	0.39%
QC value within limits for Strontium,7440-24-6 Recovery = 99.67%						
Thallium,7440-28-0	575.3	0.5180 mg/L	0.01044	0.5180 mg/L	0.01044	2.02%
QC value within limits for Thallium,7440-28-0 Recovery = 103.59%						
Tin,7440-31-5	1419.6	0.5151 mg/L	0.00523	0.5151 mg/L	0.00523	1.02%
QC value within limits for Tin,7440-31-5 Recovery = 103.02%						
Titanium,7440-32-6	144200.7	0.5025 mg/L	0.00737	0.5025 mg/L	0.00737	1.47%
QC value within limits for Titanium,7440-32-6 Recovery = 100.50%						
Vanadium,7440-62-2	32736.4	0.5071 mg/L	0.00195	0.5071 mg/L	0.00195	0.38%
QC value within limits for Vanadium,7440-62-2 Recovery = 101.42%						
Zinc,7440-66-6	16298.6	0.5154 mg/L	0.00716	0.5154 mg/L	0.00716	1.39%
QC value within limits for Zinc,7440-66-6 Recovery = 103.07%						
Zirconium,7440-67-7	97999.6	0.5038 mg/L	0.00215	0.5038 mg/L	0.00215	0.43%
QC value within limits for Zirconium,7440-67-7 Recovery = 100.77%						

All analyte(s) passed QC.

Sequence No.: 11
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met

Autosampler Location: 1
Date Collected: 7/26/2006 12:06:33 PM
Data Type: Reprocessed on 7/27/2006 8:59:35 AM

Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scandium-IS	2095427.9	101.19	%	0.434				0.43%
Yttrium,7440-65-5A	1165512.6	101.41	%	0.552				0.54%
Yttrium,7440-65-5R	73422.8	102.39	%	0.875				0.85%
Ar 420.067 R	1328727.6	98.876	%	0.4743				0.48%
Ar 363.268 A	45462.8	99.420	%	0.4283				0.43%
Aluminum,7429-90-5	9.2	0.0252	mg/L	0.04684	0.0252	mg/L	0.04684	185.56%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0	-0.3	-0.0003	mg/L	0.00224	-0.0003	mg/L	0.00224	678.50%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2	-0.6	-0.0011	mg/L	0.00495	-0.0011	mg/L	0.00495	462.60%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3	15.4	0.0003	mg/L	0.00019	0.0003	mg/L	0.00019	66.16%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7	-100.5	-0.0001	mg/L	0.00001	-0.0001	mg/L	0.00001	21.15%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8	587.1	0.0335	mg/L	0.00338	0.0335	mg/L	0.00338	10.07%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9	-4.1	-0.0001	mg/L	0.00022	-0.0001	mg/L	0.00022	310.36%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2	-8.3	-0.0038	mg/L	0.00230	-0.0038	mg/L	0.00230	59.84%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3	29.2	0.0005	mg/L	0.00044	0.0005	mg/L	0.00044	84.58%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4	-13.2	-0.0007	mg/L	0.00051	-0.0007	mg/L	0.00051	69.74%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8	60.3	0.0005	mg/L	0.00061	0.0005	mg/L	0.00061	116.29%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6	-2.7	-0.0019	mg/L	0.00341	-0.0019	mg/L	0.00341	175.96%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1	8.5	0.0014	mg/L	0.00033	0.0014	mg/L	0.00033	24.37%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2	7.3	0.0001	mg/L	0.00060	0.0001	mg/L	0.00060	559.12%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4	-0.9	-0.0033	mg/L	0.02212	-0.0033	mg/L	0.02212	676.70%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5	-56.2	-0.0002	mg/L	0.00003	-0.0002	mg/L	0.00003	16.28%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7	-11.8	-0.0015	mg/L	0.00040	-0.0015	mg/L	0.00040	26.11%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0	-9.4	-0.0005	mg/L	0.00039	-0.0005	mg/L	0.00039	86.33%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7	-4.6	-0.0025	mg/L	0.05618	-0.0025	mg/L	0.05618	>999.9%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2	-0.1	-0.0001	mg/L	0.00651	-0.0001	mg/L	0.00651	>999.9%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3	-1.5	-0.0053	mg/L	0.01105	-0.0053	mg/L	0.01105	208.27%
QC value within limits for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4	-45.0	-0.0003	mg/L	0.00090	-0.0003	mg/L	0.00090	295.62%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5	-1915.5	-0.6300	mg/L	0.04123	-0.6300	mg/L	0.04123	6.54%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6	-10.8	-0.0001	mg/L	0.00020	-0.0001	mg/L	0.00020	291.06%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0	-1.2	-0.0011	mg/L	0.00508	-0.0011	mg/L	0.00508	474.30%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5	2.1	0.0008	mg/L	0.00137	0.0008	mg/L	0.00137	179.45%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated								
Titanium,7440-32-6	-61.3	-0.0002	mg/L	0.00019	-0.0002	mg/L	0.00019	86.95%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated								
Vanadium,7440-62-2	68.8	0.0011	mg/L	0.00065	0.0011	mg/L	0.00065	60.79%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated								
Zinc,7440-66-6	23.9	0.0008	mg/L	0.00011	0.0008	mg/L	0.00011	14.27%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated								
Zirconium,7440-67-7	73.3	0.0004	mg/L	0.00028	0.0004	mg/L	0.00028	75.56%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 12
Sample ID: 20607191614
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 17
Date Collected: 7/26/2006 12:17:23 PM
Data Type: Reprocessed on 7/27/2006 8:59:37 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607191614

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2186419.9	105.59	%	0.738				0.70%
Yttrium,7440-65-5A	1206812.8	105.01	%	0.766				0.73%
Yttrium,7440-65-5R	75480.4	105.25	%	0.658				0.63%
Ar 420.067 R	1347242.0	100.25	%	0.569				0.57%
Ar 363.268 A	45755.5	100.06	%	0.224				0.22%
Aluminum,7429-90-5	34.0	0.0933	mg/L	0.01514	0.0933	mg/L	0.01514	16.23%
Antimony,7440-36-0	4.0	0.0043	mg/L	0.00231	0.0043	mg/L	0.00231	53.84%
Arsenic,7440-38-2	-1.5	-0.0025	mg/L	0.00360	-0.0025	mg/L	0.00360	146.65%
Barium,7440-39-3	139.3	0.0026	mg/L	0.00037	0.0026	mg/L	0.00037	14.57%
Beryllium,7440-41-7	-142.7	-0.0001	mg/L	0.00004	-0.0001	mg/L	0.00004	51.03%
Boron,7440-42-8	126.2	0.0069	mg/L	0.00133	0.0069	mg/L	0.00133	19.30%
Cadmium,7440-43-9	-2.9	-0.0001	mg/L	0.00008	-0.0001	mg/L	0.00008	141.17%
Calcium,7440-70-2	917.4	0.4228	mg/L	0.00380	0.4228	mg/L	0.00380	0.90%
Chromium,7440-47-3	58.1	0.0010	mg/L	0.00077	0.0010	mg/L	0.00077	80.34%
Cobalt,7440-48-4	-3.9	-0.0002	mg/L	0.00015	-0.0002	mg/L	0.00015	68.14%
Copper,7440-50-8	47.2	0.0004	mg/L	0.00048	0.0004	mg/L	0.00048	113.99%
Iron,7439-89-6	470.6	0.3358	mg/L	0.00248	0.3358	mg/L	0.00248	0.74%
Lead,7439-92-1	9.3	0.0016	mg/L	0.00085	0.0016	mg/L	0.00085	54.09%
Lithium,7439-93-2	14.6	0.0002	mg/L	0.00145	0.0002	mg/L	0.00145	693.35%
Magnesium,7439-95-4	22.6	0.0823	mg/L	0.02267	0.0823	mg/L	0.02267	27.54%
Manganese,7439-96-5	1707.7	0.0061	mg/L	0.00007	0.0061	mg/L	0.00007	1.10%
Molybdenum,7439-98-7	-9.5	-0.0012	mg/L	0.00078	-0.0012	mg/L	0.00078	63.43%
Nickel,7440-02-0	6.6	0.0003	mg/L	0.00069	0.0003	mg/L	0.00069	220.34%
Potassium,7440-09-7	166.2	0.0900	mg/L	0.04404	0.0900	mg/L	0.04404	48.94%
Selenium,7782-49-2	4.8	0.0071	mg/L	0.00279	0.0071	mg/L	0.00279	39.09%
Silicon,7440-21-3	10.2	0.0367	mg/L	0.00795	0.0367	mg/L	0.00795	21.69%
Silver,7440-22-4	302.6	0.0020	mg/L	0.00059	0.0020	mg/L	0.00059	29.40%
Sodium,7440-23-5	4222.3	1.3882	mg/L	0.03079	1.3882	mg/L	0.03079	2.22%
Strontium,7440-24-6	287.4	0.0018	mg/L	0.00065	0.0018	mg/L	0.00065	35.57%
Thallium,7440-28-0	1.0	0.0009	mg/L	0.00558	0.0009	mg/L	0.00558	618.54%
Tin,7440-31-5	2.6	0.0009	mg/L	0.00356	0.0009	mg/L	0.00356	378.48%
Titanium,7440-32-6	244.7	0.0009	mg/L	0.00017	0.0009	mg/L	0.00017	20.38%
Vanadium,7440-62-2	115.4	0.0018	mg/L	0.00061	0.0018	mg/L	0.00061	34.04%
Zinc,7440-66-6	267.3	0.0084	mg/L	0.00012	0.0084	mg/L	0.00012	1.39%
Zirconium,7440-67-7	9.8	0.0000	mg/L	0.00034	0.0000	mg/L	0.00034	723.03%

Sequence No.: 13
Sample ID: 20607192101
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 25X

Autosampler Location: 18
Date Collected: 7/26/2006 12:24:30 PM
Data Type: Reprocessed on 7/27/2006 8:59:38 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 20607192101

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	1964873.4	94.887	%	0.0874				0.09%
Yttrium,7440-65-5A	1061257.2	92.343	%	0.1912				0.21%
Yttrium,7440-65-5R	71743.5	100.04	%	0.585				0.58%
Ar 420.067 R	1320140.3	98.237	%	0.4360				0.44%
Ar 363.268 A	45418.0	99.322	%	0.2178				0.22%
Aluminum,7429-90-5	594817.4	1633.3	mg/L	44.55	40831	mg/L	1113.8	2.73%
Antimony,7440-36-0	19.9	0.0708	mg/L	0.00497	1.7707	mg/L	0.12421	7.01%
Arsenic,7440-38-2	-89.3	-0.0157	mg/L	0.02194	-0.3913	mg/L	0.54855	140.19%
Barium,7440-39-3	132.9	0.0024	mg/L	0.00018	0.0589	mg/L	0.00445	7.55%
Beryllium,7440-41-7	-84.8	-0.0003	mg/L	0.00002	-0.0079	mg/L	0.00047	5.92%

Boron,7440-42-8	56.0	-0.0007 mg/L	0.00124	-0.0169 mg/L	0.03092	182.57%
Cadmium,7440-43-9	-708.6	-0.0059 mg/L	0.00019	-0.1471 mg/L	0.00466	3.17%
Calcium,7440-70-2	276.8	0.1772 mg/L	0.00711	4.4303 mg/L	0.17770	4.01%
Chromium,7440-47-3	901.0	0.0322 mg/L	0.00077	0.8042 mg/L	0.01914	2.38%
Cobalt,7440-48-4	105.1	0.0043 mg/L	0.00034	0.1087 mg/L	0.00852	7.84%
Copper,7440-50-8	111294.9	0.9859 mg/L	0.01431	24.648 mg/L	0.3577	1.45%
Iron,7439-89-6	656.4	0.4810 mg/L	0.01497	12.024 mg/L	0.3743	3.11%
Lead,7439-92-1	-540.6	-0.1129 mg/L	0.00349	-2.8216 mg/L	0.08718	3.09%
Lithium,7439-93-2	152.6	0.0021 mg/L	0.00101	0.0535 mg/L	0.02518	47.05%
Magnesium,7439-95-4	6.9	0.0251 mg/L	0.00598	0.6269 mg/L	0.14953	23.85%
Manganese,7439-96-5	9535.9	0.0386 mg/L	0.00059	0.9661 mg/L	0.01483	1.54%
Molybdenum,7439-98-7	-255.9	-0.0575 mg/L	0.00221	-1.4381 mg/L	0.05522	3.84%
Nickel,7440-02-0	18332.4	0.8828 mg/L	0.01333	22.070 mg/L	0.3332	1.51%
Potassium,7440-09-7	304.9	0.0412 mg/L	0.05756	1.0288 mg/L	1.43889	139.87%
Selenium,7782-49-2	-14.8	0.2807 mg/L	0.00865	7.0168 mg/L	0.21635	3.08%
Silicon,7440-21-3	34.5	0.1296 mg/L	0.01433	3.2393 mg/L	0.35818	11.06%
Silver,7440-22-4	273.6	0.0017 mg/L	0.00089	0.0436 mg/L	0.02213	50.71%
Sodium,7440-23-5	527.2	-0.3626 mg/L	0.03195	-9.0648 mg/L	0.79870	8.81%
Strontium,7440-24-6	208.0	0.0013 mg/L	0.00027	0.0327 mg/L	0.00668	20.42%
Thallium,7440-28-0	-23.3	-0.0101 mg/L	0.00780	-0.2523 mg/L	0.19489	77.23%
Tin,7440-31-5	60.3	-0.0302 mg/L	0.00244	-0.7545 mg/L	0.06088	8.07%
Titanium,7440-32-6	2115.3	0.0073 mg/L	0.00005	0.1833 mg/L	0.00116	0.63%
Vanadium,7440-62-2	278.0	0.0042 mg/L	0.00098	0.1043 mg/L	0.02457	23.55%
Zinc,7440-66-6	11259.5	0.3583 mg/L	0.00357	8.9578 mg/L	0.08913	1.00%
Zirconium,7440-67-7	239.7	0.0012 mg/L	0.00025	0.0290 mg/L	0.00629	21.70%

Sequence No.: 14
Sample ID: 392845
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 19
Date Collected: 7/26/2006 12:31:39 PM
Data Type: Reprocessed on 7/27/2006 8:59:40 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 392845

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2253962.0	108.85	%	0.918				0.84%
Yttrium,7440-65-5A	1246683.0	108.48	%	1.019				0.94%
Yttrium,7440-65-5R	77146.7	107.58	%	1.273				1.18%
Ar 420.067 R	1356903.1	100.97	%	0.117				0.12%
Ar 363.268 A	45908.9	100.40	%	0.241				0.24%
Aluminum,7429-90-5	10.3	0.0283	mg/L	0.02360	1.1320	mg/kg	0.94382	83.37%
Antimony,7440-36-0	-5.4	-0.0057	mg/L	0.00658	-0.2280	mg/kg	0.26313	115.40%
Arsenic,7440-38-2	0.9	0.0015	mg/L	0.00483	0.0611	mg/kg	0.19301	315.90%
Barium,7440-39-3	30.0	0.0005	mg/L	0.00017	0.0219	mg/kg	0.00678	30.95%
Beryllium,7440-41-7	-211.0	-0.0001	mg/L	0.00005	-0.0051	mg/kg	0.00187	36.34%
Boron,7440-42-8	85.0	0.0048	mg/L	0.00237	0.1939	mg/kg	0.09473	48.85%
Cadmium,7440-43-9	-13.5	-0.0002	mg/L	0.00014	-0.0091	mg/kg	0.00547	60.07%
Calcium,7440-70-2	243.5	0.1122	mg/L	0.00328	4.4870	mg/kg	0.13107	2.92%
Chromium,7440-47-3	1.8	0.0000	mg/L	0.00047	0.0013	mg/kg	0.01869	>999.9%
Cobalt,7440-48-4	0.4	0.0000	mg/L	0.00069	0.0008	mg/kg	0.02773	>999.9%
Copper,7440-50-8	-0.3	0.0000	mg/L	0.00016	-0.0001	mg/kg	0.00646	>999.9%
Iron,7439-89-6	8.2	0.0058	mg/L	0.00434	0.2332	mg/kg	0.17375	74.50%
Lead,7439-92-1	17.6	0.0028	mg/L	0.00206	0.1129	mg/kg	0.08237	72.97%
Lithium,7439-93-2	-56.8	-0.0008	mg/L	0.00095	-0.0330	mg/kg	0.03800	115.09%
Magnesium,7439-95-4	-5.5	-0.0201	mg/L	0.05584	-0.8028	mg/kg	2.23367	278.23%
Manganese,7439-96-5	179.6	0.0006	mg/L	0.00009	0.0256	mg/kg	0.00351	13.73%
Molybdenum,7439-98-7	-11.1	-0.0014	mg/L	0.00114	-0.0575	mg/kg	0.04567	79.48%
Nickel,7440-02-0	-29.9	-0.0014	mg/L	0.00046	-0.0574	mg/kg	0.01847	32.19%
Potassium,7440-09-7	-68.7	-0.0373	mg/L	0.01432	-1.4905	mg/kg	0.57273	38.42%
Selenium,7782-49-2	3.2	0.0048	mg/L	0.01291	0.1903	mg/kg	0.51628	271.27%
Silicon,7440-21-3	-4.3	-0.0153	mg/L	0.01218	-0.6137	mg/kg	0.48720	79.39%
Silver,7440-22-4	444.1	0.0029	mg/L	0.00051	0.1162	mg/kg	0.02051	17.65%
Sodium,7440-23-5	-912.2	-0.3001	mg/L	0.01988	-12.004	mg/kg	0.7953	6.63%
Strontium,7440-24-6	66.7	0.0004	mg/L	0.00033	0.0168	mg/kg	0.01340	79.54%
Thallium,7440-28-0	6.3	0.0057	mg/L	0.00383	0.2264	mg/kg	0.15318	67.65%
Tin,7440-31-5	10.5	0.0038	mg/L	0.00157	0.1521	mg/kg	0.06291	41.36%
Titanium,7440-32-6	251.7	0.0009	mg/L	0.00005	0.0351	mg/kg	0.00180	5.14%
Vanadium,7440-62-2	180.9	0.0028	mg/L	0.00045	0.1121	mg/kg	0.01806	16.11%
Zinc,7440-66-6	129.7	0.0041	mg/L	0.00025	0.1639	mg/kg	0.00993	6.06%

Zirconium,7440-67-7	-30.4	-0.0002 mg/L	0.00032	-0.0062 mg/kg	0.01266	205.42%

Sequence No.: 15
Sample ID: 392846
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 20
Date Collected: 7/26/2006 12:38:47 PM
Data Type: Reprocessed on 7/27/2006 8:59:41 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 392846

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2150477.6	103.85	%	1.151				1.11%
Yttrium,7440-65-5A	1173593.9	102.12	%	1.126				1.10%
Yttrium,7440-65-5R	74068.3	103.29	%	0.418				0.41%
Ar 420.067 R	1354906.9	100.82	%	0.282				0.28%
Ar 363.268 A	45891.9	100.36	%	0.194				0.19%
Aluminum,7429-90-5	1991.2	5.4718	mg/L	0.09520	218.87	mg/kg	3.808	1.74%
Antimony,7440-36-0	516.8	0.5563	mg/L	0.00535	22.250	mg/kg	0.2140	0.96%
Arsenic,7440-38-2	324.2	0.5440	mg/L	0.00157	21.762	mg/kg	0.0626	0.29%
Barium,7440-39-3	30044.1	0.5514	mg/L	0.00435	22.058	mg/kg	0.1738	0.79%
Beryllium,7440-41-7	898243.0	0.5442	mg/L	0.00745	21.769	mg/kg	0.2980	1.37%
Boron,7440-42-8	45630.4	2.6029	mg/L	0.03063	104.11	mg/kg	1.225	1.18%
Cadmium,7440-43-9	32543.3	0.5500	mg/L	0.00665	22.001	mg/kg	0.2660	1.21%
Calcium,7440-70-2	11829.8	5.4569	mg/L	0.02023	218.28	mg/kg	0.809	0.37%
Chromium,7440-47-3	30849.2	0.5490	mg/L	0.00514	21.958	mg/kg	0.2058	0.94%
Cobalt,7440-48-4	9888.6	0.5440	mg/L	0.00076	21.760	mg/kg	0.0304	0.14%
Copper,7440-50-8	62450.0	0.5473	mg/L	0.00285	21.893	mg/kg	0.1138	0.52%
Iron,7439-89-6	7604.8	5.4270	mg/L	0.02265	217.08	mg/kg	0.906	0.42%
Lead,7439-92-1	3382.5	0.5434	mg/L	0.00201	21.734	mg/kg	0.0804	0.37%
Lithium,7439-93-2	37342.8	0.5426	mg/L	0.00161	21.704	mg/kg	0.0645	0.30%
Magnesium,7439-95-4	1474.6	5.3774	mg/L	0.02574	215.10	mg/kg	1.030	0.48%
Manganese,7439-96-5	154430.8	0.5503	mg/L	0.00417	22.013	mg/kg	0.1668	0.76%
Molybdenum,7439-98-7	4163.4	0.5393	mg/L	0.00065	21.573	mg/kg	0.0261	0.12%
Nickel,7440-02-0	11592.8	0.5565	mg/L	0.00530	22.260	mg/kg	0.2122	0.95%
Potassium,7440-09-7	19807.3	10.735	mg/L	0.1383	429.39	mg/kg	5.532	1.29%
Selenium,7782-49-2	375.3	0.5542	mg/L	0.01251	22.167	mg/kg	0.5005	2.26%
Silicon,7440-21-3	33.7	0.1204	mg/L	0.00283	4.8142	mg/kg	0.11307	2.35%
Silver,7440-22-4	83335.7	0.5451	mg/L	0.00417	21.804	mg/kg	0.1669	0.77%
Sodium,7440-23-5	63403.0	20.811	mg/L	0.1006	832.45	mg/kg	4.022	0.48%
Strontium,7440-24-6	86250.7	0.5442	mg/L	0.00288	21.767	mg/kg	0.1154	0.53%
Thallium,7440-28-0	609.5	0.5488	mg/L	0.00673	21.953	mg/kg	0.2692	1.23%
Tin,7440-31-5	1505.2	0.5462	mg/L	0.00211	21.847	mg/kg	0.0842	0.39%
Titanium,7440-32-6	155963.9	0.5435	mg/L	0.00707	21.740	mg/kg	0.2828	1.30%
Vanadium,7440-62-2	35503.9	0.5499	mg/L	0.00460	21.998	mg/kg	0.1841	0.84%
Zinc,7440-66-6	17645.7	0.5580	mg/L	0.00365	22.319	mg/kg	0.1461	0.65%
Zirconium,7440-67-7	293.7	0.0026	mg/L	0.00007	0.1032	mg/kg	0.00261	2.53%

Sequence No.: 16
Sample ID: 20607200602
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 21
Date Collected: 7/26/2006 12:46:01 PM
Data Type: Reprocessed on 7/27/2006 8:59:42 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200602

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2061731.2	99.565	%	0.7676				0.77%
Yttrium,7440-65-5A	1169604.7	101.77	%	0.637				0.63%
Yttrium,7440-65-5R	77076.0	107.48	%	0.838				0.78%
Ar 420.067 R	1314627.2	97.827	%	0.1055				0.11%
Ar 363.268 A	41877.2	91.579	%	0.6039				0.66%
Aluminum,7429-90-5	51247.5	140.70	mg/L	0.641	5628.2	mg/kg	25.65	0.46%
Antimony,7440-36-0	-22.3	0.0015	mg/L	0.00646	0.0620	mg/kg	0.25837	417.01%
Arsenic,7440-38-2	59.5	0.1807	mg/L	0.00382	7.2299	mg/kg	0.15276	2.11%
Barium,7440-39-3	191754.3	3.5252	mg/L	0.00924	141.01	mg/kg	0.370	0.26%
Beryllium,7440-41-7	14867.2	0.0087	mg/L	0.00000	0.3476	mg/kg	0.00014	0.04%

Boron,7440-42-8	-511.0	-0.3994 mg/L	0.00511	-15.974 mg/kg	0.2045	1.28%
Cadmium,7440-43-9	3420.5	0.0516 mg/L	0.00019	2.0642 mg/kg	0.00742	0.36%
Calcium,7440-70-2	1634379.0	753.13 mg/L	1.952	30125 mg/kg	78.1	0.26%
Chromium,7440-47-3	34132.2	0.5084 mg/L	0.00197	20.337 mg/kg	0.0786	0.39%
Cobalt,7440-48-4	1756.9	0.0943 mg/L	0.00014	3.7711 mg/kg	0.00556	0.15%
Copper,7440-50-8	91399.1	0.8033 mg/L	0.00112	32.131 mg/kg	0.0449	0.14%
Iron,7439-89-6	591968.9	422.34 mg/L	1.343	16894 mg/kg	53.7	0.32%
Lead,7439-92-1	12001.9	2.0198 mg/L	0.00139	80.794 mg/kg	0.0556	0.07%
Lithium,7439-93-2	13677.1	0.1944 mg/L	0.00201	7.7772 mg/kg	0.08042	1.03%
Magnesium,7439-95-4	28939.4	105.45 mg/L	0.756	4217.8 mg/kg	30.26	0.72%
Manganese,7439-96-5	1772026.0	6.3127 mg/L	0.05122	252.51 mg/kg	2.049	0.81%
Molybdenum,7439-98-7	56.4	0.0095 mg/L	0.00020	0.3788 mg/kg	0.00800	2.11%
Nickel,7440-02-0	6300.6	0.2992 mg/L	0.00204	11.966 mg/kg	0.0815	0.68%
Potassium,7440-09-7	76820.9	41.484 mg/L	0.0899	1659.4 mg/kg	3.60	0.22%
Selenium,7782-49-2	-117.1	-0.0467 mg/L	0.00681	-1.8671 mg/kg	0.27246	14.59%
Silicon,7440-21-3	7049.0	25.266 mg/L	0.0562	1010.6 mg/kg	2.25	0.22%
Silver,7440-22-4	-10786.9	-0.0438 mg/L	0.00045	-1.7505 mg/kg	0.01785	1.02%
Sodium,7440-23-5	78335.9	25.008 mg/L	0.0529	1000.3 mg/kg	2.11	0.21%
Strontium,7440-24-6	218076.4	1.3770 mg/L	0.00246	55.081 mg/kg	0.0982	0.18%
Thallium,7440-28-0	-65.7	-0.0467 mg/L	0.00624	-1.8694 mg/kg	0.24976	13.36%
Tin,7440-31-5	163.1	0.0604 mg/L	0.00160	2.4149 mg/kg	0.06387	2.64%
Titanium,7440-32-6	132310.2	0.4606 mg/L	0.00565	18.422 mg/kg	0.2260	1.23%
Vanadium,7440-62-2	20505.6	0.3179 mg/L	0.00193	12.717 mg/kg	0.0773	0.61%
Zinc,7440-66-6	3485609.3	109.97 mg/L	0.186	4398.6 mg/kg	7.43	0.17%
Zirconium,7440-67-7	11486.5	0.0531 mg/L	0.00083	2.1235 mg/kg	0.03308	1.56%

Sequence No.: 17
Sample ID: 20607200603
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 22
Date Collected: 7/26/2006 12:52:21 PM
Data Type: Reprocessed on 7/27/2006 8:59:44 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200603

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2064521.1	99.700	%	0.4124				0.41%
Yttrium,7440-65-5A	1174021.4	102.15	%	0.422				0.41%
Yttrium,7440-65-5R	77181.0	107.63	%	0.603				0.56%
Ar 420.067 R	1299685.0	96.715	%	0.0940				0.10%
Ar 363.268 A	41910.8	91.652	%	0.2809				0.31%
Aluminum,7429-90-5	74013.6	203.22	mg/L	0.187	8128.9	mg/kg	7.47	0.09%
Antimony,7440-36-0	73.7	0.1092	mg/L	0.00293	4.3678	mg/kg	0.11725	2.68%
Arsenic,7440-38-2	349.4	0.6643	mg/L	0.00401	26.572	mg/kg	0.1604	0.60%
Barium,7440-39-3	214421.6	3.9411	mg/L	0.03648	157.65	mg/kg	1.459	0.93%
Beryllium,7440-41-7	879608.2	0.5330	mg/L	0.00268	21.319	mg/kg	0.1072	0.50%
Boron,7440-42-8	27077.8	1.2105	mg/L	0.00568	48.421	mg/kg	0.2271	0.47%
Cadmium,7440-43-9	34446.5	0.5764	mg/L	0.00663	23.058	mg/kg	0.2654	1.15%
Calcium,7440-70-2	1566081.5	721.67	mg/L	0.713	28867	mg/kg	28.5	0.10%
Chromium,7440-47-3	51166.3	0.8237	mg/L	0.00796	32.949	mg/kg	0.3184	0.97%
Cobalt,7440-48-4	10853.3	0.5949	mg/L	0.00177	23.796	mg/kg	0.0710	0.30%
Copper,7440-50-8	141661.3	1.2448	mg/L	0.00859	49.790	mg/kg	0.3434	0.69%
Iron,7439-89-6	543993.9	388.12	mg/L	0.505	15525	mg/kg	20.2	0.13%
Lead,7439-92-1	15087.2	2.5058	mg/L	0.00619	100.23	mg/kg	0.248	0.25%
Lithium,7439-93-2	51274.5	0.7407	mg/L	0.00322	29.629	mg/kg	0.1289	0.44%
Magnesium,7439-95-4	35287.8	128.61	mg/L	0.697	5144.6	mg/kg	27.87	0.54%
Manganese,7439-96-5	2631488.0	9.3749	mg/L	0.04731	374.99	mg/kg	1.892	0.50%
Molybdenum,7439-98-7	2689.3	0.3497	mg/L	0.00125	13.989	mg/kg	0.0500	0.36%
Nickel,7440-02-0	16590.7	0.7931	mg/L	0.00444	31.725	mg/kg	0.1778	0.56%
Potassium,7440-09-7	120012.6	64.898	mg/L	0.2960	2595.9	mg/kg	11.84	0.46%
Selenium,7782-49-2	218.8	0.4512	mg/L	0.01129	18.046	mg/kg	0.4516	2.50%
Silicon,7440-21-3	2866.9	10.283	mg/L	0.9132	411.32	mg/kg	36.527	8.88%
Silver,7440-22-4	71410.9	0.4910	mg/L	0.00444	19.642	mg/kg	0.1777	0.90%
Sodium,7440-23-5	149028.0	48.195	mg/L	0.0592	1927.8	mg/kg	2.37	0.12%
Strontium,7440-24-6	302706.1	1.9110	mg/L	0.00398	76.438	mg/kg	0.1593	0.21%
Thallium,7440-28-0	459.4	0.4227	mg/L	0.00124	16.909	mg/kg	0.0495	0.29%
Tin,7440-31-5	1290.5	0.4677	mg/L	0.00169	18.708	mg/kg	0.0678	0.36%
Titanium,7440-32-6	165439.3	0.5761	mg/L	0.00117	23.042	mg/kg	0.0467	0.20%
Vanadium,7440-62-2	55086.8	0.8533	mg/L	0.00791	34.133	mg/kg	0.3164	0.93%
Zinc,7440-66-6	4991043.0	157.45	mg/L	1.425	6298.2	mg/kg	57.01	0.91%

Zirconium,7440-67-7	23153.8	0.1137 mg/L	0.00116	4.5487 mg/kg	0.04652	1.02%

Sequence No.: 18
Sample ID: 20607200604
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 23
Date Collected: 7/26/2006 12:58:48 PM
Data Type: Reprocessed on 7/27/2006 8:59:45 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200604

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2068607.9	99.897	%	0.3785				0.38%
Yttrium,7440-65-5A	1171098.7	101.90	%	0.493				0.48%
Yttrium,7440-65-5R	76050.6	106.05	%	0.852				0.80%
Ar 420.067 R	1285208.1	95.638	%	0.0767				0.08%
Ar 363.268 A	41975.4	91.793	%	0.3502				0.38%
Aluminum,7429-90-5	65921.5	181.00	mg/L	1.494	7240.1	mg/kg	59.74	0.83%
Antimony,7440-36-0	59.7	0.0953	mg/L	0.00660	3.8101	mg/kg	0.26407	6.93%
Arsenic,7440-38-2	346.9	0.6532	mg/L	0.01214	26.126	mg/kg	0.4858	1.86%
Barium,7440-39-3	208943.6	3.8406	mg/L	0.03274	153.62	mg/kg	1.310	0.85%
Beryllium,7440-41-7	848110.8	0.5139	mg/L	0.00348	20.557	mg/kg	0.1392	0.68%
Boron,7440-42-8	26006.4	1.1617	mg/L	0.00688	46.468	mg/kg	0.2752	0.59%
Cadmium,7440-43-9	30553.2	0.5107	mg/L	0.00179	20.426	mg/kg	0.0718	0.35%
Calcium,7440-70-2	1728941.0	796.70	mg/L	6.438	31868	mg/kg	257.5	0.81%
Chromium,7440-47-3	53595.6	0.8695	mg/L	0.00816	34.778	mg/kg	0.3263	0.94%
Cobalt,7440-48-4	10238.6	0.5611	mg/L	0.00247	22.443	mg/kg	0.0989	0.44%
Copper,7440-50-8	141328.8	1.2411	mg/L	0.00912	49.645	mg/kg	0.3646	0.73%
Iron,7439-89-6	524102.5	373.92	mg/L	2.899	14957	mg/kg	115.9	0.78%
Lead,7439-92-1	16329.3	2.7027	mg/L	0.00315	108.11	mg/kg	0.126	0.12%
Lithium,7439-93-2	47544.1	0.6866	mg/L	0.00337	27.464	mg/kg	0.1349	0.49%
Magnesium,7439-95-4	32415.3	118.14	mg/L	0.878	4725.7	mg/kg	35.12	0.74%
Manganese,7439-96-5	2294547.9	8.1744	mg/L	0.03327	326.98	mg/kg	1.331	0.41%
Molybdenum,7439-98-7	2698.2	0.3509	mg/L	0.00179	14.037	mg/kg	0.0717	0.51%
Nickel,7440-02-0	15941.4	0.7620	mg/L	0.00582	30.481	mg/kg	0.2329	0.76%
Potassium,7440-09-7	109161.5	59.010	mg/L	0.2159	2360.4	mg/kg	8.64	0.37%
Selenium,7782-49-2	216.2	0.4387	mg/L	0.01244	17.549	mg/kg	0.4976	2.84%
Silicon,7440-21-3	2572.3	9.2280	mg/L	0.09857	369.12	mg/kg	3.943	1.07%
Silver,7440-22-4	68951.6	0.4741	mg/L	0.00382	18.962	mg/kg	0.1527	0.81%
Sodium,7440-23-5	142045.3	45.918	mg/L	0.3145	1836.7	mg/kg	12.58	0.68%
Strontium,7440-24-6	291078.6	1.8377	mg/L	0.01028	73.507	mg/kg	0.4110	0.56%
Thallium,7440-28-0	452.2	0.4161	mg/L	0.00486	16.642	mg/kg	0.1943	1.17%
Tin,7440-31-5	1246.6	0.4535	mg/L	0.00422	18.139	mg/kg	0.1686	0.93%
Titanium,7440-32-6	171786.9	0.5982	mg/L	0.00417	23.928	mg/kg	0.1668	0.70%
Vanadium,7440-62-2	53579.4	0.8301	mg/L	0.01007	33.202	mg/kg	0.4028	1.21%
Zinc,7440-66-6	3240203.0	102.22	mg/L	0.515	4089.0	mg/kg	20.61	0.50%
Zirconium,7440-67-7	24979.5	0.1234	mg/L	0.00128	4.9344	mg/kg	0.05107	1.03%

Sequence No.: 19
Sample ID: 394164
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 24
Date Collected: 7/26/2006 1:05:11 PM
Data Type: Reprocessed on 7/27/2006 8:59:47 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 394164

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2093675.1	101.11	%	0.847				0.84%
Yttrium,7440-65-5A	1190080.2	103.55	%	0.881				0.85%
Yttrium,7440-65-5R	76087.3	106.10	%	0.775				0.73%
Ar 420.067 R	1278278.4	95.122	%	0.2271				0.24%
Ar 363.268 A	41658.5	91.101	%	0.0303				0.03%
Aluminum,7429-90-5	52079.2	142.99	mg/L	0.771	5719.7	mg/kg	30.86	0.54%
Antimony,7440-36-0	490.6	0.5515	mg/L	0.02296	22.060	mg/kg	0.9186	4.16%
Arsenic,7440-38-2	332.7	0.6368	mg/L	0.03907	25.473	mg/kg	1.5628	6.14%
Barium,7440-39-3	216866.7	3.9861	mg/L	0.05644	159.44	mg/kg	2.258	1.42%
Beryllium,7440-41-7	813717.1	0.4927	mg/L	0.06183	19.707	mg/kg	2.4734	12.55%

Boron,7440-42-8	45805.9	2.2543 mg/L	0.23301	90.170 mg/kg	9.3203	10.34%
Cadmium,7440-43-9	30410.9	0.5078 mg/L	0.05615	20.312 mg/kg	2.2461	11.06%
Calcium,7440-70-2	1608193.6	741.07 mg/L	4.554	29643 mg/kg	182.2	0.61%
Chromium,7440-47-3	59950.1	0.9709 mg/L	0.05489	38.837 mg/kg	2.1955	5.65%
Cobalt,7440-48-4	9565.0	0.5236 mg/L	0.04128	20.944 mg/kg	1.6514	7.88%
Copper,7440-50-8	159885.5	1.4031 mg/L	0.05791	56.124 mg/kg	2.3163	4.13%
Iron,7439-89-6	581290.8	414.73 mg/L	2.599	16589 mg/kg	104.0	0.63%
Lead,7439-92-1	14578.3	2.4310 mg/L	0.03837	97.239 mg/kg	1.5350	1.58%
Lithium,7439-93-2	54142.3	0.7825 mg/L	0.03492	31.302 mg/kg	1.3968	4.46%
Magnesium,7439-95-4	29888.2	108.91 mg/L	0.820	4356.4 mg/kg	32.79	0.75%
Manganese,7439-96-5	1916914.6	6.8290 mg/L	0.07202	273.16 mg/kg	2.881	1.05%
Molybdenum,7439-98-7	4183.6	0.5440 mg/L	0.03416	21.761 mg/kg	1.3663	6.28%
Nickel,7440-02-0	15523.1	0.7420 mg/L	0.04202	29.678 mg/kg	1.6806	5.66%
Potassium,7440-09-7	100223.4	54.173 mg/L	0.8969	2166.9 mg/kg	35.88	1.66%
Selenium,7782-49-2	203.2	0.4229 mg/L	0.04967	16.917 mg/kg	1.9869	11.75%
Silicon,7440-21-3	7112.3	25.491 mg/L	0.1457	1019.7 mg/kg	5.83	0.57%
Silver,7440-22-4	63108.6	0.4388 mg/L	0.05922	17.552 mg/kg	2.3687	13.50%
Sodium,7440-23-5	155474.0	50.357 mg/L	1.5701	2014.3 mg/kg	62.80	3.12%
Strontium,7440-24-6	307040.7	1.9383 mg/L	0.03873	77.531 mg/kg	1.5491	2.00%
Thallium,7440-28-0	437.3	0.4059 mg/L	0.04027	16.237 mg/kg	1.6107	9.92%
Tin,7440-31-5	1611.1	0.5858 mg/L	0.03645	23.431 mg/kg	1.4580	6.22%
Titanium,7440-32-6	259045.5	0.9022 mg/L	0.04155	36.089 mg/kg	1.6620	4.61%
Vanadium,7440-62-2	51232.9	0.7939 mg/L	0.05776	31.754 mg/kg	2.3103	7.28%
Zinc,7440-66-6	3447139.3	108.75 mg/L	0.945	4350.1 mg/kg	37.78	0.87%
Zirconium,7440-67-7	12206.8	0.0578 mg/L	0.00045	2.3135 mg/kg	0.01819	0.79%

Sequence No.: 20
Sample ID: 394165
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 5X

Autosampler Location: 25
Date Collected: 7/26/2006 1:11:28 PM
Data Type: Reprocessed on 7/27/2006 8:59:48 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 394165

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2125381.2	102.64	%	0.784				0.76%
Yttrium,7440-65-5A	1170971.1	101.89	%	0.772				0.76%
Yttrium,7440-65-5R	74154.1	103.40	%	0.872				0.84%
Ar 420.067 R	1288526.2	95.884	%	0.4431				0.46%
Ar 363.268 A	44275.3	96.823	%	0.0934				0.10%
Aluminum,7429-90-5	10562.2	29.000	mg/L	0.0838	5799.9	mg/kg	16.77	0.29%
Antimony,7440-36-0	-2.4	0.0028	mg/L	0.00940	0.5666	mg/kg	1.87996	331.80%
Arsenic,7440-38-2	29.4	0.0662	mg/L	0.00850	13.247	mg/kg	1.7004	12.84%
Barium,7440-39-3	41610.7	0.7650	mg/L	0.01002	152.99	mg/kg	2.004	1.31%
Beryllium,7440-41-7	2978.6	0.0017	mg/L	0.00006	0.3480	mg/kg	0.01155	3.32%
Boron,7440-42-8	439.9	-0.0523	mg/L	0.00505	-10.463	mg/kg	1.0105	9.66%
Cadmium,7440-43-9	731.9	0.0110	mg/L	0.00005	2.2078	mg/kg	0.00948	0.43%
Calcium,7440-70-2	343998.6	158.52	mg/L	0.966	31703	mg/kg	193.2	0.61%
Chromium,7440-47-3	7466.5	0.1122	mg/L	0.00090	22.439	mg/kg	0.1800	0.80%
Cobalt,7440-48-4	372.2	0.0199	mg/L	0.00014	3.9879	mg/kg	0.02783	0.70%
Copper,7440-50-8	22163.5	0.1947	mg/L	0.00221	38.935	mg/kg	0.4428	1.14%
Iron,7439-89-6	123969.0	88.446	mg/L	0.6273	17689	mg/kg	125.5	0.71%
Lead,7439-92-1	2592.5	0.4357	mg/L	0.00427	87.137	mg/kg	0.8538	0.98%
Lithium,7439-93-2	2901.8	0.0413	mg/L	0.00079	8.2508	mg/kg	0.15786	1.91%
Magnesium,7439-95-4	6146.4	22.396	mg/L	0.0652	4479.2	mg/kg	13.03	0.29%
Manganese,7439-96-5	391094.7	1.3932	mg/L	0.01890	278.65	mg/kg	3.780	1.36%
Molybdenum,7439-98-7	-7.5	-0.0005	mg/L	0.00166	-0.1019	mg/kg	0.33238	326.20%
Nickel,7440-02-0	1447.3	0.0688	mg/L	0.00083	13.754	mg/kg	0.1653	1.20%
Potassium,7440-09-7	14376.7	7.7595	mg/L	0.03140	1551.9	mg/kg	6.28	0.40%
Selenium,7782-49-2	-21.1	-0.0049	mg/L	0.01045	-0.9708	mg/kg	2.09000	215.29%
Silicon,7440-21-3	1433.0	5.1362	mg/L	0.02489	1027.2	mg/kg	4.98	0.48%
Silver,7440-22-4	-2094.2	-0.0081	mg/L	0.00051	-1.6214	mg/kg	0.10253	6.32%
Sodium,7440-23-5	13998.3	4.4439	mg/L	0.04670	888.79	mg/kg	9.340	1.05%
Strontium,7440-24-6	43854.4	0.2769	mg/L	0.00252	55.385	mg/kg	0.5035	0.91%
Thallium,7440-28-0	-11.4	-0.0078	mg/L	0.00519	-1.5523	mg/kg	1.03826	66.89%
Tin,7440-31-5	17.4	0.0066	mg/L	0.00216	1.3182	mg/kg	0.43109	32.70%
Titanium,7440-32-6	24677.0	0.0859	mg/L	0.00218	17.177	mg/kg	0.4361	2.54%
Vanadium,7440-62-2	4492.9	0.0697	mg/L	0.00076	13.930	mg/kg	0.1519	1.09%
Zinc,7440-66-6	902514.2	28.472	mg/L	0.3678	5694.4	mg/kg	73.57	1.29%

Zirconium,7440-67-7	2496.7	0.0116 mg/L	0.00009	2.3119 mg/kg	0.01831	0.79%

Sequence No.: 21
Sample ID: 20607200601
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 26
Date Collected: 7/26/2006 1:18:22 PM
Data Type: Reprocessed on 7/27/2006 8:59:49 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200601

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2167546.6	104.67	%	1.202				1.15%
Yttrium,7440-65-5A	1202994.8	104.68	%	1.252				1.20%
Yttrium,7440-65-5R	75637.0	105.47	%	0.566				0.54%
Ar 420.067 R	1295780.5	96.424	%	0.2798				0.29%
Ar 363.268 A	42552.4	93.055	%	0.2827				0.30%
Aluminum,7429-90-5	12310.8	33.789	mg/L	0.0649	1340.8	mg/kg	2.57	0.19%
Antimony,7440-36-0	-63.2	-0.0529	mg/L	0.00573	-2.0993	mg/kg	0.22743	10.83%
Arsenic,7440-38-2	49.1	0.1918	mg/L	0.00603	7.6105	mg/kg	0.23946	3.15%
Barium,7440-39-3	322242.7	5.9227	mg/L	0.09419	235.03	mg/kg	3.738	1.59%
Beryllium,7440-41-7	3552.7	0.0012	mg/L	0.00005	0.0457	mg/kg	0.00207	4.54%
Boron,7440-42-8	-2608.1	-0.6043	mg/L	0.00301	-23.979	mg/kg	0.1193	0.50%
Cadmium,7440-43-9	1434.8	0.0183	mg/L	0.00033	0.7245	mg/kg	0.01323	1.83%
Calcium,7440-70-2	294687.4	135.90	mg/L	0.549	5392.8	mg/kg	21.79	0.40%
Chromium,7440-47-3	28188.7	0.3765	mg/L	0.00862	14.939	mg/kg	0.3420	2.29%
Cobalt,7440-48-4	944.2	0.0498	mg/L	0.00042	1.9746	mg/kg	0.01654	0.84%
Copper,7440-50-8	63832.9	0.5629	mg/L	0.00931	22.338	mg/kg	0.3693	1.65%
Iron,7439-89-6	711181.4	507.41	mg/L	1.544	20135	mg/kg	61.3	0.30%
Lead,7439-92-1	13316.7	2.2483	mg/L	0.03150	89.217	mg/kg	1.2501	1.40%
Lithium,7439-93-2	3418.5	0.0466	mg/L	0.00083	1.8500	mg/kg	0.03297	1.78%
Magnesium,7439-95-4	7240.4	26.265	mg/L	0.0351	1042.3	mg/kg	1.39	0.13%
Manganese,7439-96-5	1087096.4	3.8724	mg/L	0.03215	153.67	mg/kg	1.276	0.83%
Molybdenum,7439-98-7	292.4	0.0420	mg/L	0.00083	1.6686	mg/kg	0.03285	1.97%
Nickel,7440-02-0	5173.6	0.2452	mg/L	0.00467	9.7316	mg/kg	0.18532	1.90%
Potassium,7440-09-7	18001.4	9.6887	mg/L	0.03988	384.47	mg/kg	1.583	0.41%
Selenium,7782-49-2	-151.1	-0.0896	mg/L	0.01362	-3.5549	mg/kg	0.54062	15.21%
Silicon,7440-21-3	2310.4	8.2987	mg/L	0.01607	329.31	mg/kg	0.638	0.19%
Silver,7440-22-4	-14824.7	-0.0630	mg/L	0.00185	-2.5014	mg/kg	0.07349	2.94%
Sodium,7440-23-5	22531.9	6.9063	mg/L	0.03381	274.06	mg/kg	1.342	0.49%
Strontium,7440-24-6	83061.6	0.5243	mg/L	0.00198	20.805	mg/kg	0.0787	0.38%
Thallium,7440-28-0	-37.9	-0.0220	mg/L	0.00680	-0.8712	mg/kg	0.26992	30.98%
Tin,7440-31-5	45.6	0.0121	mg/L	0.00253	0.4782	mg/kg	0.10021	20.95%
Titanium,7440-32-6	78072.0	0.2714	mg/L	0.00268	10.771	mg/kg	0.1064	0.99%
Vanadium,7440-62-2	11927.5	0.1855	mg/L	0.00294	7.3608	mg/kg	0.11663	1.58%
Zinc,7440-66-6	275253.7	8.6911	mg/L	0.12211	344.89	mg/kg	4.846	1.40%
Zirconium,7440-67-7	7950.1	0.0331	mg/L	0.00052	1.3155	mg/kg	0.02081	1.58%

Sequence No.: 22
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/26/2006 1:25:27 PM
Data Type: Reprocessed on 7/27/2006 8:59:51 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2171649.6	104.87	%	0.327				0.31%
Yttrium,7440-65-5A	1187158.2	103.30	%	0.318				0.31%
Yttrium,7440-65-5R	73288.5	102.20	%	0.731				0.72%
Ar 420.067 R	1292309.9	96.166	%	0.3391				0.35%
Ar 363.268 A	45488.4	99.476	%	0.5265				0.53%
Aluminum,7429-90-5	1858.8	5.1081	mg/L	0.04586	5.1081	mg/L	0.04586	0.90%
QC value within limits for Aluminum,7429-90-5 Recovery = 102.16%								
Antimony,7440-36-0	485.8	0.5230	mg/L	0.00383	0.5230	mg/L	0.00383	0.73%
QC value within limits for Antimony,7440-36-0 Recovery = 104.60%								
Arsenic,7440-38-2	308.4	0.5175	mg/L	0.00351	0.5175	mg/L	0.00351	0.68%

QC value within limits for Arsenic,7440-38-2 Recovery = 103.50%

Barium,7440-39-3	28421.1	0.5217 mg/L	0.00317	0.5217 mg/L	0.00317	0.61%
QC value within limits for Barium,7440-39-3 Recovery = 104.33%						
Beryllium,7440-41-7	856161.0	0.5187 mg/L	0.00228	0.5187 mg/L	0.00228	0.44%
QC value within limits for Beryllium,7440-41-7 Recovery = 103.74%						
Boron,7440-42-8	45132.8	2.5747 mg/L	0.02290	2.5747 mg/L	0.02290	0.89%
QC value within limits for Boron,7440-42-8 Recovery = 102.99%						
Cadmium,7440-43-9	30985.1	0.5237 mg/L	0.00186	0.5237 mg/L	0.00186	0.35%
QC value within limits for Cadmium,7440-43-9 Recovery = 104.74%						
Calcium,7440-70-2	10813.9	4.9885 mg/L	0.03677	4.9885 mg/L	0.03677	0.74%
QC value within limits for Calcium,7440-70-2 Recovery = 99.77%						
Chromium,7440-47-3	29487.8	0.5248 mg/L	0.00354	0.5248 mg/L	0.00354	0.67%
QC value within limits for Chromium,7440-47-3 Recovery = 104.95%						
Cobalt,7440-48-4	9476.6	0.5213 mg/L	0.00557	0.5213 mg/L	0.00557	1.07%
QC value within limits for Cobalt,7440-48-4 Recovery = 104.27%						
Copper,7440-50-8	59538.7	0.5218 mg/L	0.00192	0.5218 mg/L	0.00192	0.37%
QC value within limits for Copper,7440-50-8 Recovery = 104.36%						
Iron,7439-89-6	7101.2	5.0677 mg/L	0.03359	5.0677 mg/L	0.03359	0.66%
QC value within limits for Iron,7439-89-6 Recovery = 101.35%						
Lead,7439-92-1	3267.2	0.5248 mg/L	0.00569	0.5248 mg/L	0.00569	1.08%
QC value within limits for Lead,7439-92-1 Recovery = 104.96%						
Lithium,7439-93-2	35452.4	0.5151 mg/L	0.00390	0.5151 mg/L	0.00390	0.76%
QC value within limits for Lithium,7439-93-2 Recovery = 103.03%						
Magnesium,7439-95-4	1389.7	5.0678 mg/L	0.01394	5.0678 mg/L	0.01394	0.28%
QC value within limits for Magnesium,7439-95-4 Recovery = 101.36%						
Manganese,7439-96-5	147346.3	0.5251 mg/L	0.00196	0.5251 mg/L	0.00196	0.37%
QC value within limits for Manganese,7439-96-5 Recovery = 105.02%						
Molybdenum,7439-98-7	4000.1	0.5182 mg/L	0.00559	0.5182 mg/L	0.00559	1.08%
QC value within limits for Molybdenum,7439-98-7 Recovery = 103.63%						
Nickel,7440-02-0	11050.9	0.5305 mg/L	0.00578	0.5305 mg/L	0.00578	1.09%
QC value within limits for Nickel,7440-02-0 Recovery = 106.10%						
Potassium,7440-09-7	18393.7	9.9686 mg/L	0.14021	9.9686 mg/L	0.14021	1.41%
QC value within limits for Potassium,7440-09-7 Recovery = 99.69%						
Selenium,7782-49-2	353.1	0.5213 mg/L	0.01385	0.5213 mg/L	0.01385	2.66%
QC value within limits for Selenium,7782-49-2 Recovery = 104.27%						
Silicon,7440-21-3	142.6	0.5102 mg/L	0.00604	0.5102 mg/L	0.00604	1.18%
QC value within limits for Silicon,7440-21-3 Recovery = 102.04%						
Silver,7440-22-4	78955.9	0.5164 mg/L	0.00194	0.5164 mg/L	0.00194	0.38%
QC value within limits for Silver,7440-22-4 Recovery = 103.29%						
Sodium,7440-23-5	57400.7	18.839 mg/L	0.1568	18.839 mg/L	0.1568	0.83%
QC value within limits for Sodium,7440-23-5 Recovery = 94.20%						
Strontium,7440-24-6	78454.9	0.4950 mg/L	0.00274	0.4950 mg/L	0.00274	0.55%
QC value within limits for Strontium,7440-24-6 Recovery = 99.00%						
Thallium,7440-28-0	592.2	0.5332 mg/L	0.00714	0.5332 mg/L	0.00714	1.34%
QC value within limits for Thallium,7440-28-0 Recovery = 106.65%						
Tin,7440-31-5	1436.9	0.5214 mg/L	0.00655	0.5214 mg/L	0.00655	1.26%
QC value within limits for Tin,7440-31-5 Recovery = 104.28%						
Titanium,7440-32-6	148567.4	0.5177 mg/L	0.00200	0.5177 mg/L	0.00200	0.39%
QC value within limits for Titanium,7440-32-6 Recovery = 103.55%						
Vanadium,7440-62-2	33788.1	0.5234 mg/L	0.00279	0.5234 mg/L	0.00279	0.53%
QC value within limits for Vanadium,7440-62-2 Recovery = 104.67%						
Zinc,7440-66-6	17451.4	0.5518 mg/L	0.00312	0.5518 mg/L	0.00312	0.57%
QC value within limits for Zinc,7440-66-6 Recovery = 110.36%						
Zirconium,7440-67-7	100310.4	0.5157 mg/L	0.00245	0.5157 mg/L	0.00245	0.48%
QC value within limits for Zirconium,7440-67-7 Recovery = 103.15%						

All analyte(s) passed QC.

Sequence No.: 23
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 1:32:47 PM
Data Type: Reprocessed on 7/27/2006 8:59:52 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2156614.1	104.15	%	0.554				0.53%
Yttrium,7440-65-5A	1200567.6	104.46	%	0.515				0.49%
Yttrium,7440-65-5R	72217.1	100.70	%	0.736				0.73%

Ar 420.067 R	1293606.7	96.263 %	0.3386			0.35%
Ar 363.268 A	45154.6	98.746 %	0.3937			0.40%
Aluminum,7429-90-5	-5.6	-0.0152 mg/L	0.04618	-0.0152 mg/L	0.04618	303.37%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated						
Antimony,7440-36-0	3.9	0.0041 mg/L	0.00303	0.0041 mg/L	0.00303	74.52%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated						
Arsenic,7440-38-2	-3.5	-0.0058 mg/L	0.00236	-0.0058 mg/L	0.00236	40.63%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated						
Barium,7440-39-3	22.2	0.0004 mg/L	0.00013	0.0004 mg/L	0.00013	32.15%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated						
Beryllium,7440-41-7	23.4	0.0000 mg/L	0.00004	0.0000 mg/L	0.00004	262.62%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated						
Boron,7440-42-8	588.2	0.0336 mg/L	0.00364	0.0336 mg/L	0.00364	10.84%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated						
Cadmium,7440-43-9	-6.4	-0.0001 mg/L	0.00015	-0.0001 mg/L	0.00015	138.68%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated						
Calcium,7440-70-2	7.7	0.0036 mg/L	0.00691	0.0036 mg/L	0.00691	194.20%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated						
Chromium,7440-47-3	46.9	0.0008 mg/L	0.00074	0.0008 mg/L	0.00074	88.58%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated						
Cobalt,7440-48-4	-4.2	-0.0002 mg/L	0.00049	-0.0002 mg/L	0.00049	214.61%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated						
Copper,7440-50-8	14.6	0.0001 mg/L	0.00039	0.0001 mg/L	0.00039	303.23%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated						
Iron,7439-89-6	4.2	0.0030 mg/L	0.00211	0.0030 mg/L	0.00211	70.22%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated						
Lead,7439-92-1	8.9	0.0014 mg/L	0.00100	0.0014 mg/L	0.00100	69.95%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated						
Lithium,7439-93-2	-50.5	-0.0007 mg/L	0.00222	-0.0007 mg/L	0.00222	302.13%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated						
Magnesium,7439-95-4	0.0	0.0000 mg/L	0.01867	0.0000 mg/L	0.01867	>999.9%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated						
Manganese,7439-96-5	-2.1	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	913.49%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated						
Molybdenum,7439-98-7	-2.7	-0.0003 mg/L	0.00100	-0.0003 mg/L	0.00100	289.84%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated						
Nickel,7440-02-0	-11.5	-0.0006 mg/L	0.00023	-0.0006 mg/L	0.00023	41.82%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated						
Potassium,7440-09-7	53.0	0.0287 mg/L	0.03392	0.0287 mg/L	0.03392	118.08%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated						
Selenium,7782-49-2	-5.2	-0.0076 mg/L	0.01319	-0.0076 mg/L	0.01319	173.82%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated						
Silicon,7440-21-3	-6.3	-0.0226 mg/L	0.00297	-0.0226 mg/L	0.00297	13.15%
QC value within limits for Silicon,7440-21-3 Recovery = Not calculated						
Silver,7440-22-4	10.5	0.0000 mg/L	0.00069	0.0000 mg/L	0.00069	>999.9%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated						
Sodium,7440-23-5	-2847.5	-0.9366 mg/L	0.03068	-0.9366 mg/L	0.03068	3.28%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated						
Strontium,7440-24-6	-7.8	0.0000 mg/L	0.00033	0.0000 mg/L	0.00033	669.62%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated						
Thallium,7440-28-0	4.9	0.0044 mg/L	0.00689	0.0044 mg/L	0.00689	157.06%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated						
Tin,7440-31-5	0.7	0.0003 mg/L	0.00196	0.0003 mg/L	0.00196	753.43%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated						
Titanium,7440-32-6	-106.7	-0.0004 mg/L	0.00022	-0.0004 mg/L	0.00022	57.96%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated						
Vanadium,7440-62-2	177.5	0.0027 mg/L	0.00070	0.0027 mg/L	0.00070	25.43%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6	605.8	0.0191 mg/L	0.00083	0.0191 mg/L	0.00083	4.36%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7	24.6	0.0001 mg/L	0.00034	0.0001 mg/L	0.00034	267.91%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated						

All analyte(s) passed QC.

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Sequence No.: 24
Sample ID: 20607200605
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 2X

Autosampler Location: 27
Date Collected: 7/26/2006 1:39:51 PM
Data Type: Reprocessed on 7/27/2006 8:59:54 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200605

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2011566.9	97.142	%	3.0668				3.16%
Yttrium,7440-65-5A	1118204.5	97.298	%	2.9404				3.02%
Yttrium,7440-65-5R	72305.0	100.83	%	0.516				0.51%
Ar 420.067 R	1248322.9	92.893	%	0.6088				0.66%
Ar 363.268 A	38840.4	84.938	%	0.0768				0.09%
Aluminum,7429-90-5	18744.5	51.443	mg/L	0.1087	4082.8	mg/kg	8.63	0.21%
Antimony,7440-36-0	-113.2	-0.1011	mg/L	0.00200	-8.0242	mg/kg	0.15834	1.97%
Arsenic,7440-38-2	59.8	0.2736	mg/L	0.01060	21.710	mg/kg	0.8413	3.88%
Barium,7440-39-3	677365.3	12.451	mg/L	0.0208	988.17	mg/kg	1.653	0.17%
Beryllium,7440-41-7	2003.4	0.0002	mg/L	0.00002	0.0137	mg/kg	0.00151	11.03%
Boron,7440-42-8	-6301.5	-1.1340	mg/L	0.00282	-89.997	mg/kg	0.2236	0.25%
Cadmium,7440-43-9	2913.9	0.0384	mg/L	0.00025	3.0495	mg/kg	0.01986	0.65%
Calcium,7440-70-2	1517162.5	699.22	mg/L	4.525	55493	mg/kg	359.1	0.65%
Chromium,7440-47-3	23540.9	0.2044	mg/L	0.00102	16.219	mg/kg	0.0808	0.50%
Cobalt,7440-48-4	768.7	0.0386	mg/L	0.00056	3.0640	mg/kg	0.04418	1.44%
Copper,7440-50-8	105569.3	0.9298	mg/L	0.00126	73.790	mg/kg	0.1000	0.14%
Iron,7439-89-6	1214900.0	866.79	mg/L	4.971	68793	mg/kg	394.5	0.57%
Lead,7439-92-1	3535.3	0.7612	mg/L	0.00496	60.411	mg/kg	0.3940	0.65%
Lithium,7439-93-2	2997.4	0.0377	mg/L	0.00060	2.9891	mg/kg	0.04739	1.59%
Magnesium,7439-95-4	9336.8	33.823	mg/L	0.1771	2684.4	mg/kg	14.06	0.52%
Manganese,7439-96-5	1955677.7	6.9664	mg/L	0.01192	552.89	mg/kg	0.946	0.17%
Molybdenum,7439-98-7	496.5	0.0716	mg/L	0.00187	5.6809	mg/kg	0.14861	2.62%
Nickel,7440-02-0	8720.2	0.4125	mg/L	0.00427	32.740	mg/kg	0.3389	1.04%
Potassium,7440-09-7	34510.4	18.533	mg/L	0.0824	1470.9	mg/kg	6.54	0.44%
Selenium,7782-49-2	-274.4	-0.1826	mg/L	0.00720	-14.491	mg/kg	0.5713	3.94%
Silicon,7440-21-3	1389.1	5.0172	mg/L	0.02148	398.19	mg/kg	1.705	0.43%
Silver,7440-22-4	-25959.9	-0.1121	mg/L	0.00105	-8.8980	mg/kg	0.08296	0.93%
Sodium,7440-23-5	5002.5	0.6502	mg/L	0.02961	51.606	mg/kg	2.3502	4.55%
Strontium,7440-24-6	114565.0	0.7239	mg/L	0.00312	57.453	mg/kg	0.2480	0.43%
Thallium,7440-28-0	-46.8	-0.0251	mg/L	0.00563	-1.9926	mg/kg	0.44710	22.44%
Tin,7440-31-5	27.3	0.0082	mg/L	0.00261	0.6488	mg/kg	0.20712	31.92%
Titanium,7440-32-6	39078.9	0.1351	mg/L	0.00047	10.722	mg/kg	0.0375	0.35%
Vanadium,7440-62-2	22494.4	0.3497	mg/L	0.00339	27.751	mg/kg	0.2691	0.97%
Zinc,7440-66-6	290426.5	9.1794	mg/L	0.02373	728.52	mg/kg	1.884	0.26%
Zirconium,7440-67-7	6743.7	0.0208	mg/L	0.00042	1.6522	mg/kg	0.03341	2.02%

Sequence No.: 25
Sample ID: 20607200606
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 28
Date Collected: 7/26/2006 1:47:05 PM
Data Type: Reprocessed on 7/27/2006 8:59:55 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200606

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2100586.1	101.44	%	0.451				0.44%
Yttrium,7440-65-5A	1179691.1	102.65	%	0.428				0.42%
Yttrium,7440-65-5R	74373.1	103.71	%	0.168				0.16%
Ar 420.067 R	1257350.3	93.565	%	0.2778				0.30%
Ar 363.268 A	43788.5	95.758	%	0.1987				0.21%
Aluminum,7429-90-5	19928.0	54.717	mg/L	0.2199	2171.3	mg/kg	8.73	0.40%
Antimony,7440-36-0	-12.8	-0.0056	mg/L	0.00712	-0.2217	mg/kg	0.28236	127.37%
Arsenic,7440-38-2	42.3	0.0821	mg/L	0.00669	3.2587	mg/kg	0.26550	8.15%
Barium,7440-39-3	55695.4	1.0243	mg/L	0.01145	40.647	mg/kg	0.4546	1.12%
Beryllium,7440-41-7	6358.5	0.0040	mg/L	0.00002	0.1579	mg/kg	0.00082	0.52%
Boron,7440-42-8	241.9	-0.0584	mg/L	0.00176	-2.3188	mg/kg	0.06995	3.02%
Cadmium,7440-43-9	214.0	0.0019	mg/L	0.00021	0.0745	mg/kg	0.00823	11.04%
Calcium,7440-70-2	889693.5	409.94	mg/L	0.622	16268	mg/kg	24.7	0.15%
Chromium,7440-47-3	5054.9	0.0716	mg/L	0.00098	2.8410	mg/kg	0.03874	1.36%
Cobalt,7440-48-4	1011.5	0.0554	mg/L	0.00033	2.1973	mg/kg	0.01302	0.59%
Copper,7440-50-8	3703.4	0.0334	mg/L	0.00119	1.3237	mg/kg	0.04736	3.58%
Iron,7439-89-6	122277.0	87.235	mg/L	0.0630	3461.7	mg/kg	2.50	0.07%
Lead,7439-92-1	372.5	0.0802	mg/L	0.00366	3.1806	mg/kg	0.14540	4.57%
Lithium,7439-93-2	7148.9	0.1022	mg/L	0.00110	4.0573	mg/kg	0.04378	1.08%
Magnesium,7439-95-4	14646.1	53.404	mg/L	0.2869	2119.2	mg/kg	11.39	0.54%

Manganese,7439-96-5	887845.0	3.1630 mg/L	0.01569	125.52 mg/kg	0.623	0.50%
Molybdenum,7439-98-7	-30.5	-0.0036 mg/L	0.00141	-0.1428 mg/kg	0.05582	39.09%
Nickel,7440-02-0	2380.2	0.1133 mg/L	0.00040	4.4957 mg/kg	0.01570	0.35%
Potassium,7440-09-7	24252.2	13.071 mg/L	0.0418	518.69 mg/kg	1.659	0.32%
Selenium,7782-49-2	-10.7	0.0129 mg/L	0.00494	0.5124 mg/kg	0.19593	38.24%
Silicon,7440-21-3	2298.9	8.2370 mg/L	0.02138	326.86 mg/kg	0.848	0.26%
Silver,7440-22-4	-1538.9	-0.0052 mg/L	0.00096	-0.2064 mg/kg	0.03816	18.49%
Sodium,7440-23-5	20210.6	6.3528 mg/L	0.00893	252.09 mg/kg	0.354	0.14%
Strontium,7440-24-6	102671.3	0.6484 mg/L	0.00101	25.730 mg/kg	0.0401	0.16%
Thallium,7440-28-0	-38.4	-0.0303 mg/L	0.00244	-1.2041 mg/kg	0.09694	8.05%
Tin,7440-31-5	-58.9	-0.0184 mg/L	0.00388	-0.7312 mg/kg	0.15414	21.08%
Titanium,7440-32-6	98881.0	0.3445 mg/L	0.00056	13.670 mg/kg	0.0220	0.16%
Vanadium,7440-62-2	8897.7	0.1377 mg/L	0.00242	5.4645 mg/kg	0.09591	1.76%
Zinc,7440-66-6	8589.6	0.2761 mg/L	0.00323	10.955 mg/kg	0.1281	1.17%
Zirconium,7440-67-7	7684.3	0.0388 mg/L	0.00086	1.5399 mg/kg	0.03395	2.20%

Sequence No.: 26
Sample ID: 20607200607
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 29
Date Collected: 7/26/2006 1:54:41 PM
Data Type: Reprocessed on 7/27/2006 8:59:57 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200607

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2106513.5	101.73	%	1.156				1.14%
Yttrium,7440-65-5A	1180752.1	102.74	%	1.054				1.03%
Yttrium,7440-65-5R	73630.9	102.68	%	0.719				0.70%
Ar 420.067 R	1251295.6	93.114	%	0.2461				0.26%
Ar 363.268 A	43836.1	95.863	%	0.2632				0.27%
Aluminum,7429-90-5	20636.8	56.663	mg/L	0.4747	2266.5	mg/kg	18.99	0.84%
Antimony,7440-36-0	-7.7	0.0000	mg/L	0.00581	0.0015	mg/kg	0.23236	>999.9%
Arsenic,7440-38-2	42.3	0.0827	mg/L	0.00883	3.3072	mg/kg	0.35312	10.68%
Barium,7440-39-3	88546.5	1.6281	mg/L	0.01524	65.125	mg/kg	0.6098	0.94%
Beryllium,7440-41-7	6782.3	0.0042	mg/L	0.00004	0.1667	mg/kg	0.00144	0.86%
Boron,7440-42-8	399.1	-0.0481	mg/L	0.00062	-1.9243	mg/kg	0.02473	1.29%
Cadmium,7440-43-9	204.3	0.0018	mg/L	0.00015	0.0728	mg/kg	0.00600	8.24%
Calcium,7440-70-2	826550.7	380.85	mg/L	2.187	15234	mg/kg	87.5	0.57%
Chromium,7440-47-3	6095.2	0.0904	mg/L	0.00095	3.6172	mg/kg	0.03806	1.05%
Cobalt,7440-48-4	950.8	0.0520	mg/L	0.00050	2.0797	mg/kg	0.01981	0.95%
Copper,7440-50-8	6347.4	0.0563	mg/L	0.00097	2.2534	mg/kg	0.03861	1.71%
Iron,7439-89-6	119129.0	84.989	mg/L	0.4375	3399.6	mg/kg	17.50	0.51%
Lead,7439-92-1	924.4	0.1680	mg/L	0.00166	6.7194	mg/kg	0.06632	0.99%
Lithium,7439-93-2	6886.4	0.0985	mg/L	0.00074	3.9407	mg/kg	0.02942	0.75%
Magnesium,7439-95-4	14665.8	53.475	mg/L	0.5295	2139.0	mg/kg	21.18	0.99%
Manganese,7439-96-5	745036.6	2.6542	mg/L	0.03398	106.17	mg/kg	1.359	1.28%
Molybdenum,7439-98-7	-32.2	-0.0039	mg/L	0.00247	-0.1577	mg/kg	0.09891	62.71%
Nickel,7440-02-0	2501.9	0.1192	mg/L	0.00104	4.7695	mg/kg	0.04174	0.88%
Potassium,7440-09-7	29085.4	15.696	mg/L	0.1207	627.85	mg/kg	4.829	0.77%
Selenium,7782-49-2	-19.4	0.0001	mg/L	0.00776	0.0025	mg/kg	0.31041	>999.9%
Silicon,7440-21-3	2929.5	10.496	mg/L	0.0272	419.83	mg/kg	1.088	0.26%
Silver,7440-22-4	-1502.7	-0.0051	mg/L	0.00021	-0.2031	mg/kg	0.00855	4.21%
Sodium,7440-23-5	44900.1	14.491	mg/L	0.0682	579.64	mg/kg	2.727	0.47%
Strontium,7440-24-6	100077.1	0.6320	mg/L	0.00098	25.279	mg/kg	0.0393	0.16%
Thallium,7440-28-0	-23.5	-0.0166	mg/L	0.00684	-0.6628	mg/kg	0.27364	41.29%
Tin,7440-31-5	-61.5	-0.0198	mg/L	0.00086	-0.7913	mg/kg	0.03421	4.32%
Titanium,7440-32-6	110013.3	0.3833	mg/L	0.00475	15.331	mg/kg	0.1901	1.24%
Vanadium,7440-62-2	8685.0	0.1344	mg/L	0.00125	5.3774	mg/kg	0.04997	0.93%
Zinc,7440-66-6	25372.1	0.8051	mg/L	0.01021	32.205	mg/kg	0.4083	1.27%
Zirconium,7440-67-7	8759.5	0.0444	mg/L	0.00053	1.7778	mg/kg	0.02138	1.20%

Sequence No.: 27
Sample ID: 20607200608
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 30
Date Collected: 7/26/2006 2:01:12 PM
Data Type: Reprocessed on 7/27/2006 8:59:58 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200608

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2104756.4	101.64	%	0.823				0.81%
Yttrium,7440-65-5A	1190875.7	103.62	%	0.852				0.82%
Yttrium,7440-65-5R	73940.1	103.11	%	0.787				0.76%
Ar 420.067 R	1240717.8	92.327	%	0.0898				0.10%
Ar 363.268 A	41963.3	91.767	%	0.2173				0.24%
Aluminum,7429-90-5	37003.0	101.59	mg/L	0.959	4063.8	mg/kg	38.38	0.94%
Antimony,7440-36-0	-8.9	0.0631	mg/L	0.00026	2.5223	mg/kg	0.01051	0.42%
Arsenic,7440-38-2	64.3	0.1483	mg/L	0.00931	5.9325	mg/kg	0.37241	6.28%
Barium,7440-39-3	663999.2	12.206	mg/L	0.0882	488.25	mg/kg	3.530	0.72%
Beryllium,7440-41-7	10561.7	0.0067	mg/L	0.00006	0.2664	mg/kg	0.00221	0.83%
Boron,7440-42-8	-402.2	-0.2598	mg/L	0.00216	-10.394	mg/kg	0.0862	0.83%
Cadmium,7440-43-9	890.3	0.0103	mg/L	0.00023	0.4106	mg/kg	0.00924	2.25%
Calcium,7440-70-2	1768883.9	815.07	mg/L	7.580	32603	mg/kg	303.2	0.93%
Chromium,7440-47-3	167617.3	2.9226	mg/L	0.01084	116.90	mg/kg	0.433	0.37%
Cobalt,7440-48-4	1018.2	0.0545	mg/L	0.00077	2.1782	mg/kg	0.03100	1.42%
Copper,7440-50-8	34102.7	0.3050	mg/L	0.00131	12.200	mg/kg	0.0522	0.43%
Iron,7439-89-6	384775.4	274.51	mg/L	2.257	10981	mg/kg	90.3	0.82%
Lead,7439-92-1	85812.4	13.828	mg/L	0.0510	553.13	mg/kg	2.039	0.37%
Lithium,7439-93-2	9526.1	0.1350	mg/L	0.00189	5.3985	mg/kg	0.07554	1.40%
Magnesium,7439-95-4	20507.2	74.736	mg/L	0.8280	2989.4	mg/kg	33.12	1.11%
Manganese,7439-96-5	1179244.7	4.2011	mg/L	0.03024	168.04	mg/kg	1.210	0.72%
Molybdenum,7439-98-7	209.9	0.0285	mg/L	0.00266	1.1404	mg/kg	0.10646	9.33%
Nickel,7440-02-0	4760.2	0.2261	mg/L	0.00111	9.0434	mg/kg	0.04448	0.49%
Potassium,7440-09-7	63913.0	34.499	mg/L	0.3721	1380.0	mg/kg	14.88	1.08%
Selenium,7782-49-2	-71.7	-0.0249	mg/L	0.00923	-0.9948	mg/kg	0.36940	37.13%
Silicon,7440-21-3	3498.0	12.542	mg/L	0.1296	501.67	mg/kg	5.185	1.03%
Silver,7440-22-4	-3793.8	-0.0080	mg/L	0.00068	-0.3188	mg/kg	0.02706	8.49%
Sodium,7440-23-5	53560.5	17.000	mg/L	0.1433	680.01	mg/kg	5.733	0.84%
Strontium,7440-24-6	168476.9	1.0642	mg/L	0.00897	42.567	mg/kg	0.3588	0.84%
Thallium,7440-28-0	-42.2	-0.0295	mg/L	0.00856	-1.1808	mg/kg	0.34221	28.98%
Tin,7440-31-5	-48.1	-0.0128	mg/L	0.00370	-0.5132	mg/kg	0.14814	28.87%
Titanium,7440-32-6	116652.2	0.4062	mg/L	0.00748	16.247	mg/kg	0.2991	1.84%
Vanadium,7440-62-2	18587.2	0.2886	mg/L	0.00100	11.543	mg/kg	0.0400	0.35%
Zinc,7440-66-6	572950.2	18.085	mg/L	0.1592	723.38	mg/kg	6.366	0.88%
Zirconium,7440-67-7	16651.4	0.0818	mg/L	0.00030	3.2703	mg/kg	0.01204	0.37%

Sequence No.: 28
Sample ID: 20607200609
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 31
Date Collected: 7/26/2006 2:07:28 PM
Data Type: Reprocessed on 7/27/2006 8:59:59 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200609

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2033605.6	98.207	%	0.5352				0.54%
Yttrium,7440-65-5A	1141058.6	99.287	%	0.5556				0.56%
Yttrium,7440-65-5R	71766.4	100.08	%	0.513				0.51%
Ar 420.067 R	1208615.9	89.938	%	0.2041				0.23%
Ar 363.268 A	39303.8	85.951	%	0.3156				0.37%
Aluminum,7429-90-5	27762.4	76.208	mg/L	0.2664	3024.1	mg/kg	10.57	0.35%
Antimony,7440-36-0	-74.7	-0.0583	mg/L	0.01036	-2.3151	mg/kg	0.41119	17.76%
Arsenic,7440-38-2	72.7	0.2500	mg/L	0.00485	9.9208	mg/kg	0.19230	1.94%
Barium,7440-39-3	188297.2	3.4621	mg/L	0.01599	137.38	mg/kg	0.635	0.46%
Beryllium,7440-41-7	5565.7	0.0031	mg/L	0.00008	0.1213	mg/kg	0.00302	2.49%
Boron,7440-42-8	-4418.0	-0.8822	mg/L	0.00247	-35.007	mg/kg	0.0979	0.28%
Cadmium,7440-43-9	2129.6	0.0262	mg/L	0.00016	1.0381	mg/kg	0.00623	0.60%
Calcium,7440-70-2	2538773.0	1169.9	mg/L	9.20	46424	mg/kg	365.1	0.79%
Chromium,7440-47-3	14482.8	0.0835	mg/L	0.00220	3.3126	mg/kg	0.08711	2.63%
Cobalt,7440-48-4	1499.8	0.0798	mg/L	0.00100	3.1651	mg/kg	0.03983	1.26%
Copper,7440-50-8	68497.3	0.6040	mg/L	0.00384	23.970	mg/kg	0.1524	0.64%
Iron,7439-89-6	1000398.8	713.74	mg/L	5.771	28323	mg/kg	229.0	0.81%
Lead,7439-92-1	9146.4	1.6295	mg/L	0.00325	64.661	mg/kg	0.1288	0.20%
Lithium,7439-93-2	7309.5	0.1000	mg/L	0.00190	3.9696	mg/kg	0.07556	1.90%
Magnesium,7439-95-4	16815.3	61.156	mg/L	0.2266	2426.8	mg/kg	8.99	0.37%

Manganese,7439-96-5	2285368.3	8.1412	mg/L	0.03595	323.06	mg/kg	1.427	0.44%
Molybdenum,7439-98-7	48.9	0.0122	mg/L	0.00088	0.4835	mg/kg	0.03496	7.23%
Nickel,7440-02-0	4691.8	0.2196	mg/L	0.00071	8.7136	mg/kg	0.02819	0.32%
Potassium,7440-09-7	40744.8	21.856	mg/L	0.1322	867.29	mg/kg	5.246	0.60%
Selenium,7782-49-2	-221.4	-0.1426	mg/L	0.00054	-5.6592	mg/kg	0.02139	0.38%
Silicon,7440-21-3	2139.3	7.6972	mg/L	0.04202	305.45	mg/kg	1.668	0.55%
Silver,7440-22-4	-19903.7	-0.0827	mg/L	0.00193	-3.2835	mg/kg	0.07656	2.33%
Sodium,7440-23-5	58271.3	18.094	mg/L	0.1295	718.03	mg/kg	5.140	0.72%
Strontium,7440-24-6	185463.8	1.1719	mg/L	0.00943	46.504	mg/kg	0.3743	0.80%
Thallium,7440-28-0	-62.5	-0.0413	mg/L	0.00437	-1.6384	mg/kg	0.17351	10.59%
Tin,7440-31-5	-3.5	0.0041	mg/L	0.00466	0.1608	mg/kg	0.18503	115.08%
Titanium,7440-32-6	111566.1	0.3879	mg/L	0.00173	15.393	mg/kg	0.0686	0.45%
Vanadium,7440-62-2	18580.5	0.2886	mg/L	0.00240	11.452	mg/kg	0.0952	0.83%
Zinc,7440-66-6	349903.0	11.057	mg/L	0.0229	438.78	mg/kg	0.908	0.21%
Zirconium,7440-67-7	18359.6	0.0835	mg/L	0.00065	3.3140	mg/kg	0.02581	0.78%

Sequence No.: 29
Sample ID: 20607200611
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 32
Date Collected: 7/26/2006 2:14:19 PM
Data Type: Reprocessed on 7/27/2006 9:00:01 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200611

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2098486.6	101.34	%	0.758				0.75%
Yttrium,7440-65-5A	1184587.5	103.07	%	0.386				0.37%
Yttrium,7440-65-5R	71965.4	100.35	%	7.272				7.25%
Ar 420.067 R	1205461.8	89.703	%	0.1902				0.21%
Ar 363.268 A	42879.3	93.770	%	0.5292				0.56%
Aluminum,7429-90-5	31296.4	85.930	mg/L	1.8079	3409.9	mg/kg	71.74	2.10%
Antimony,7440-36-0	-22.9	-0.0098	mg/L	0.00219	-0.3899	mg/kg	0.08699	22.31%
Arsenic,7440-38-2	51.2	0.1036	mg/L	0.00646	4.1109	mg/kg	0.25623	6.23%
Barium,7440-39-3	101823.8	1.8727	mg/L	0.00954	74.312	mg/kg	0.3787	0.51%
Beryllium,7440-41-7	8799.2	0.0057	mg/L	0.00005	0.2243	mg/kg	0.00190	0.85%
Boron,7440-42-8	267.3	-0.1115	mg/L	0.00425	-4.4263	mg/kg	0.16850	3.81%
Cadmium,7440-43-9	500.4	0.0054	mg/L	0.00010	0.2160	mg/kg	0.00390	1.81%
Calcium,7440-70-2	1636890.8	754.22	mg/L	18.746	29929	mg/kg	743.9	2.49%
Chromium,7440-47-3	11018.4	0.1628	mg/L	0.00236	6.4616	mg/kg	0.09382	1.45%
Cobalt,7440-48-4	1117.2	0.0607	mg/L	0.00028	2.4099	mg/kg	0.01091	0.45%
Copper,7440-50-8	22894.7	0.2013	mg/L	0.00045	7.9887	mg/kg	0.01775	0.22%
Iron,7439-89-6	212480.0	151.59	mg/L	4.050	6015.3	mg/kg	160.73	2.67%
Lead,7439-92-1	3104.9	0.5339	mg/L	0.00581	21.186	mg/kg	0.2306	1.09%
Lithium,7439-93-2	8548.7	0.1215	mg/L	0.00298	4.8228	mg/kg	0.11844	2.46%
Magnesium,7439-95-4	20311.0	74.055	mg/L	1.1369	2938.7	mg/kg	45.11	1.54%
Manganese,7439-96-5	1142724.1	4.0710	mg/L	0.04519	161.55	mg/kg	1.793	1.11%
Molybdenum,7439-98-7	-9.7	-0.0007	mg/L	0.00111	-0.0292	mg/kg	0.04405	150.77%
Nickel,7440-02-0	3029.0	0.1437	mg/L	0.00138	5.7012	mg/kg	0.05489	0.96%
Potassium,7440-09-7	49529.9	26.721	mg/L	0.6621	1060.4	mg/kg	26.27	2.48%
Selenium,7782-49-2	-42.2	-0.0147	mg/L	0.01624	-0.5840	mg/kg	0.64450	110.36%
Silicon,7440-21-3	2610.6	9.3568	mg/L	0.15633	371.30	mg/kg	6.203	1.67%
Silver,7440-22-4	-2711.9	-0.0090	mg/L	0.00030	-0.3561	mg/kg	0.01189	3.34%
Sodium,7440-23-5	72764.0	23.448	mg/L	0.5653	930.48	mg/kg	22.433	2.41%
Strontium,7440-24-6	142038.8	0.8973	mg/L	0.02353	35.606	mg/kg	0.9338	2.62%
Thallium,7440-28-0	-48.6	-0.0381	mg/L	0.00763	-1.5125	mg/kg	0.30268	20.01%
Tin,7440-31-5	-49.8	-0.0124	mg/L	0.00192	-0.4908	mg/kg	0.07620	15.53%
Titanium,7440-32-6	107754.2	0.3753	mg/L	0.00444	14.894	mg/kg	0.1764	1.18%
Vanadium,7440-62-2	13676.9	0.2118	mg/L	0.00047	8.4042	mg/kg	0.01852	0.22%
Zinc,7440-66-6	100849.7	3.1900	mg/L	0.04306	126.59	mg/kg	1.709	1.35%
Zirconium,7440-67-7	15545.4	0.0782	mg/L	0.00084	3.1015	mg/kg	0.03324	1.07%

Sequence No.: 30
Sample ID: 20607200612
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 33
Date Collected: 7/26/2006 2:20:39 PM
Data Type: Reprocessed on 7/27/2006 9:00:05 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200612

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2180427.2	105.30	%	0.607				0.58%
Yttrium,7440-65-5A	1217741.1	105.96	%	0.708				0.67%
Yttrium,7440-65-5R	74141.6	103.39	%	0.396				0.38%
Ar 420.067 R	1214414.8	90.370	%	0.3357				0.37%
Ar 363.268 A	43845.6	95.883	%	0.3137				0.33%
Aluminum,7429-90-5	11817.9	32.448	mg/L	0.2154	1297.9	mg/kg	8.61	0.66%
Antimony,7440-36-0	-7.9	-0.0026	mg/L	0.00241	-0.1054	mg/kg	0.09622	91.33%
Arsenic,7440-38-2	40.8	0.0758	mg/L	0.00937	3.0308	mg/kg	0.37480	12.37%
Barium,7440-39-3	45684.0	0.8402	mg/L	0.01202	33.607	mg/kg	0.4807	1.43%
Beryllium,7440-41-7	3823.8	0.0024	mg/L	0.00003	0.0966	mg/kg	0.00131	1.35%
Boron,7440-42-8	769.2	-0.0112	mg/L	0.00206	-0.4470	mg/kg	0.08229	18.41%
Cadmium,7440-43-9	212.9	0.0023	mg/L	0.00014	0.0907	mg/kg	0.00554	6.11%
Calcium,7440-70-2	714363.0	329.15	mg/L	1.423	13166	mg/kg	56.9	0.43%
Chromium,7440-47-3	3507.2	0.0480	mg/L	0.00094	1.9210	mg/kg	0.03761	1.96%
Cobalt,7440-48-4	691.6	0.0378	mg/L	0.00021	1.5124	mg/kg	0.00853	0.56%
Copper,7440-50-8	4626.0	0.0409	mg/L	0.00096	1.6354	mg/kg	0.03822	2.34%
Iron,7439-89-6	92737.6	66.160	mg/L	0.2618	2646.4	mg/kg	10.47	0.40%
Lead,7439-92-1	712.3	0.1300	mg/L	0.00136	5.1985	mg/kg	0.05448	1.05%
Lithium,7439-93-2	3984.1	0.0567	mg/L	0.00139	2.2669	mg/kg	0.05570	2.46%
Magnesium,7439-95-4	10218.6	37.259	mg/L	0.2024	1490.4	mg/kg	8.10	0.54%
Manganese,7439-96-5	535625.2	1.9081	mg/L	0.00925	76.326	mg/kg	0.3698	0.48%
Molybdenum,7439-98-7	-5.9	-0.0004	mg/L	0.00073	-0.0176	mg/kg	0.02921	165.66%
Nickel,7440-02-0	1649.0	0.0784	mg/L	0.00030	3.1369	mg/kg	0.01213	0.39%
Potassium,7440-09-7	19412.9	10.466	mg/L	0.0610	418.64	mg/kg	2.441	0.58%
Selenium,7782-49-2	-8.7	0.0069	mg/L	0.00676	0.2747	mg/kg	0.27037	98.41%
Silicon,7440-21-3	1724.9	6.1808	mg/L	0.05004	247.23	mg/kg	2.002	0.81%
Silver,7440-22-4	-934.3	-0.0024	mg/L	0.00062	-0.0965	mg/kg	0.02474	25.63%
Sodium,7440-23-5	72685.2	23.691	mg/L	0.1204	947.64	mg/kg	4.816	0.51%
Strontium,7440-24-6	77459.3	0.4892	mg/L	0.00075	19.568	mg/kg	0.0302	0.15%
Thallium,7440-28-0	-18.7	-0.0137	mg/L	0.00384	-0.5470	mg/kg	0.15378	28.11%
Tin,7440-31-5	-52.7	-0.0164	mg/L	0.00296	-0.6564	mg/kg	0.11822	18.01%
Titanium,7440-32-6	74191.7	0.2585	mg/L	0.00100	10.339	mg/kg	0.0401	0.39%
Vanadium,7440-62-2	6954.6	0.1077	mg/L	0.00318	4.3069	mg/kg	0.12701	2.95%
Zinc,7440-66-6	28200.1	0.8935	mg/L	0.01090	35.739	mg/kg	0.4361	1.22%
Zirconium,7440-67-7	6962.1	0.0352	mg/L	0.00156	1.4097	mg/kg	0.06224	4.41%

Sequence No.: 31
Sample ID: 20607200613
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 34
Date Collected: 7/26/2006 2:27:46 PM
Data Type: Reprocessed on 7/27/2006 9:00:10 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200613

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2044576.5	98.736	%	0.7140				0.72%
Yttrium,7440-65-5A	1159713.1	100.91	%	0.715				0.71%
Yttrium,7440-65-5R	71249.6	99.355	%	0.1974				0.20%
Ar 420.067 R	1178863.6	87.724	%	0.0979				0.11%
Ar 363.268 A	42191.9	92.267	%	0.2253				0.24%
Aluminum,7429-90-5	24702.8	67.820	mg/L	0.1337	2712.8	mg/kg	5.35	0.20%
Antimony,7440-36-0	-21.0	-0.0019	mg/L	0.00417	-0.0764	mg/kg	0.16674	218.23%
Arsenic,7440-38-2	62.0	0.1232	mg/L	0.00932	4.9261	mg/kg	0.37270	7.57%
Barium,7440-39-3	701573.7	12.898	mg/L	0.0686	515.92	mg/kg	2.743	0.53%
Beryllium,7440-41-7	7038.0	0.0046	mg/L	0.00001	0.1851	mg/kg	0.00038	0.21%
Boron,7440-42-8	-517.4	-0.2213	mg/L	0.00294	-8.8519	mg/kg	0.11769	1.33%
Cadmium,7440-43-9	963.0	0.0114	mg/L	0.00025	0.4572	mg/kg	0.00982	2.15%
Calcium,7440-70-2	2664453.0	1227.7	mg/L	15.86	49107	mg/kg	634.4	1.29%
Chromium,7440-47-3	15957.4	0.2310	mg/L	0.00171	9.2416	mg/kg	0.06849	0.74%
Cobalt,7440-48-4	542.3	0.0283	mg/L	0.00076	1.1302	mg/kg	0.03044	2.69%
Copper,7440-50-8	70266.5	0.6153	mg/L	0.00214	24.612	mg/kg	0.0856	0.35%
Iron,7439-89-6	319929.5	228.24	mg/L	2.793	9129.6	mg/kg	111.71	1.22%
Lead,7439-92-1	6937.9	1.1681	mg/L	0.00921	46.726	mg/kg	0.3682	0.79%
Lithium,7439-93-2	5404.9	0.0747	mg/L	0.00043	2.9893	mg/kg	0.01732	0.58%
Magnesium,7439-95-4	16475.8	60.057	mg/L	0.2236	2402.3	mg/kg	8.94	0.37%

Manganese,7439-96-5	1264767.7	4.5057 mg/L	0.02018	180.23 mg/kg	0.807	0.45%
Molybdenum,7439-98-7	147.1	0.0205 mg/L	0.00062	0.8216 mg/kg	0.02475	3.01%
Nickel,7440-02-0	3683.9	0.1742 mg/L	0.00282	6.9676 mg/kg	0.11266	1.62%
Potassium,7440-09-7	38406.0	20.624 mg/L	0.2597	824.96 mg/kg	10.387	1.26%
Selenium,7782-49-2	-61.0	-0.0310 mg/L	0.00423	-1.2383 mg/kg	0.16925	13.67%
Silicon,7440-21-3	3992.5	14.312 mg/L	0.0174	572.48 mg/kg	0.696	0.12%
Silver,7440-22-4	-4190.3	-0.0135 mg/L	0.00047	-0.5413 mg/kg	0.01865	3.44%
Sodium,7440-23-5	95820.5	30.831 mg/L	0.3727	1233.2 mg/kg	14.91	1.21%
Strontium,7440-24-6	304125.3	1.9206 mg/L	0.02510	76.822 mg/kg	1.0041	1.31%
Thallium,7440-28-0	-48.5	-0.0358 mg/L	0.00279	-1.4313 mg/kg	0.11156	7.79%
Tin,7440-31-5	-26.1	0.0021 mg/L	0.00277	0.0823 mg/kg	0.11074	134.59%
Titanium,7440-32-6	200042.2	0.6968 mg/L	0.00421	27.873 mg/kg	0.1685	0.60%
Vanadium,7440-62-2	15727.1	0.2436 mg/L	0.00033	9.7448 mg/kg	0.01301	0.13%
Zinc,7440-66-6	445455.1	14.065 mg/L	0.1214	562.58 mg/kg	4.855	0.86%
Zirconium,7440-67-7	17250.3	0.0864 mg/L	0.00078	3.4548 mg/kg	0.03130	0.91%

Sequence No.: 32
Sample ID: 20607200614
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 35
Date Collected: 7/26/2006 2:33:53 PM
Data Type: Reprocessed on 7/27/2006 9:00:11 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200614

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2044602.4	98.738	%	0.9537				0.97%
Yttrium,7440-65-5A	1138354.7	99.051	%	0.8341				0.84%
Yttrium,7440-65-5R	69980.7	97.585	%	0.5974				0.61%
Ar 420.067 R	1172482.0	87.249	%	0.0824				0.09%
Ar 363.268 A	41206.8	90.113	%	0.2781				0.31%
Aluminum,7429-90-5	20079.3	55.122	mg/L	0.1818	2204.9	mg/kg	7.27	0.33%
Antimony,7440-36-0	-32.6	-0.0095	mg/L	0.00265	-0.3792	mg/kg	0.10586	27.92%
Arsenic,7440-38-2	74.2	0.1571	mg/L	0.00587	6.2837	mg/kg	0.23495	3.74%
Barium,7440-39-3	339777.5	6.2471	mg/L	0.00358	249.89	mg/kg	0.143	0.06%
Beryllium,7440-41-7	5329.4	0.0035	mg/L	0.00002	0.1418	mg/kg	0.00074	0.52%
Boron,7440-42-8	-929.9	-0.3059	mg/L	0.00446	-12.237	mg/kg	0.1785	1.46%
Cadmium,7440-43-9	1607.1	0.0212	mg/L	0.00023	0.8485	mg/kg	0.00936	1.10%
Calcium,7440-70-2	2652038.6	1222.0	mg/L	3.37	48879	mg/kg	134.9	0.28%
Chromium,7440-47-3	29769.0	0.4615	mg/L	0.00038	18.459	mg/kg	0.0153	0.08%
Cobalt,7440-48-4	879.3	0.0459	mg/L	0.00057	1.8374	mg/kg	0.02284	1.24%
Copper,7440-50-8	111642.0	0.9763	mg/L	0.00269	39.052	mg/kg	0.1077	0.28%
Iron,7439-89-6	413887.0	295.27	mg/L	0.926	11811	mg/kg	37.0	0.31%
Lead,7439-92-1	25606.3	4.1777	mg/L	0.00599	167.11	mg/kg	0.240	0.14%
Lithium,7439-93-2	5459.6	0.0748	mg/L	0.00062	2.9928	mg/kg	0.02463	0.82%
Magnesium,7439-95-4	36829.7	134.27	mg/L	1.019	5370.7	mg/kg	40.77	0.76%
Manganese,7439-96-5	1113965.0	3.9680	mg/L	0.03862	158.72	mg/kg	1.545	0.97%
Molybdenum,7439-98-7	390.0	0.0525	mg/L	0.00127	2.0990	mg/kg	0.05075	2.42%
Nickel,7440-02-0	5412.0	0.2566	mg/L	0.00457	10.265	mg/kg	0.1828	1.78%
Potassium,7440-09-7	30328.7	16.226	mg/L	0.0195	649.05	mg/kg	0.778	0.12%
Selenium,7782-49-2	-86.1	-0.0539	mg/L	0.00316	-2.1544	mg/kg	0.12637	5.87%
Silicon,7440-21-3	3439.4	12.332	mg/L	0.0983	493.28	mg/kg	3.934	0.80%
Silver,7440-22-4	-6550.2	-0.0247	mg/L	0.00042	-0.9885	mg/kg	0.01663	1.68%
Sodium,7440-23-5	43081.6	13.411	mg/L	0.0391	536.43	mg/kg	1.563	0.29%
Strontium,7440-24-6	349631.7	2.2076	mg/L	0.00624	88.305	mg/kg	0.2497	0.28%
Thallium,7440-28-0	-41.4	-0.0279	mg/L	0.00004	-1.1173	mg/kg	0.00165	0.15%
Tin,7440-31-5	-16.4	0.0051	mg/L	0.00188	0.2056	mg/kg	0.07536	36.65%
Titanium,7440-32-6	112496.9	0.3917	mg/L	0.00335	15.666	mg/kg	0.1340	0.86%
Vanadium,7440-62-2	19451.6	0.3015	mg/L	0.00117	12.058	mg/kg	0.0469	0.39%
Zinc,7440-66-6	836665.3	26.406	mg/L	0.2458	1056.2	mg/kg	9.83	0.93%
Zirconium,7440-67-7	12012.9	0.0577	mg/L	0.00041	2.3068	mg/kg	0.01622	0.70%

Sequence No.: 33
Sample ID: 20607200615
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 36
Date Collected: 7/26/2006 2:40:12 PM
Data Type: Reprocessed on 7/27/2006 9:00:12 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200615

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2167699.6	104.68	%	0.460				0.44%
Yttrium,7440-65-5A	1239919.1	107.89	%	0.341				0.32%
Yttrium,7440-65-5R	74177.1	103.44	%	0.721				0.70%
Ar 420.067 R	1188559.6	88.446	%	0.1105				0.12%
Ar 363.268 A	42963.2	93.954	%	0.1497				0.16%
Aluminum,7429-90-5	58017.5	159.30	mg/L	1.245	6321.5	mg/kg	49.42	0.78%
Antimony,7440-36-0	-25.2	-0.0135	mg/L	0.00110	-0.5350	mg/kg	0.04358	8.15%
Arsenic,7440-38-2	38.5	0.1115	mg/L	0.00640	4.4260	mg/kg	0.25399	5.74%
Barium,7440-39-3	63889.1	1.1745	mg/L	0.00375	46.606	mg/kg	0.1488	0.32%
Beryllium,7440-41-7	18893.9	0.0113	mg/L	0.00005	0.4496	mg/kg	0.00209	0.47%
Boron,7440-42-8	660.4	-0.1398	mg/L	0.00264	-5.5474	mg/kg	0.10471	1.89%
Cadmium,7440-43-9	453.5	0.0049	mg/L	0.00014	0.1942	mg/kg	0.00563	2.90%
Calcium,7440-70-2	747956.5	344.68	mg/L	2.637	13678	mg/kg	104.6	0.77%
Chromium,7440-47-3	11160.8	0.1542	mg/L	0.00008	6.1207	mg/kg	0.00336	0.05%
Cobalt,7440-48-4	1889.8	0.1032	mg/L	0.00049	4.0950	mg/kg	0.01960	0.48%
Copper,7440-50-8	13669.3	0.1219	mg/L	0.00026	4.8384	mg/kg	0.01023	0.21%
Iron,7439-89-6	286503.3	204.41	mg/L	1.733	8111.4	mg/kg	68.76	0.85%
Lead,7439-92-1	999.4	0.2046	mg/L	0.00186	8.1196	mg/kg	0.07386	0.91%
Lithium,7439-93-2	16208.7	0.2329	mg/L	0.00339	9.2440	mg/kg	0.13463	1.46%
Magnesium,7439-95-4	33774.1	123.13	mg/L	0.968	4886.1	mg/kg	38.41	0.79%
Manganese,7439-96-5	1312838.6	4.6769	mg/L	0.01588	185.59	mg/kg	0.630	0.34%
Molybdenum,7439-98-7	-49.1	-0.0065	mg/L	0.00232	-0.2568	mg/kg	0.09206	35.85%
Nickel,7440-02-0	5380.9	0.2568	mg/L	0.00096	10.191	mg/kg	0.0382	0.38%
Potassium,7440-09-7	88206.1	47.727	mg/L	0.4540	1893.9	mg/kg	18.02	0.95%
Selenium,7782-49-2	-57.9	-0.0072	mg/L	0.00265	-0.2864	mg/kg	0.10507	36.69%
Silicon,7440-21-3	4024.9	14.422	mg/L	0.1040	572.32	mg/kg	4.126	0.72%
Silver,7440-22-4	-5617.8	-0.0248	mg/L	0.00087	-0.9836	mg/kg	0.03440	3.50%
Sodium,7440-23-5	166318.1	54.246	mg/L	0.3950	2152.6	mg/kg	15.67	0.73%
Strontium,7440-24-6	108996.7	0.6882	mg/L	0.00483	27.311	mg/kg	0.1915	0.70%
Thallium,7440-28-0	-49.7	-0.0360	mg/L	0.00237	-1.4292	mg/kg	0.09387	6.57%
Tin,7440-31-5	-43.5	-0.0181	mg/L	0.00305	-0.7167	mg/kg	0.12120	16.91%
Titanium,7440-32-6	93171.0	0.3245	mg/L	0.00267	12.875	mg/kg	0.1061	0.82%
Vanadium,7440-62-2	17000.4	0.2633	mg/L	0.00170	10.448	mg/kg	0.0675	0.65%
Zinc,7440-66-6	19055.3	0.6081	mg/L	0.00291	24.132	mg/kg	0.1155	0.48%
Zirconium,7440-67-7	19347.2	0.0967	mg/L	0.00038	3.8372	mg/kg	0.01520	0.40%

Sequence No.: 34
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/26/2006 2:53:26 PM
Data Type: Reprocessed on 7/27/2006 9:00:14 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2206949.0	106.58	%	0.620				0.58%
Yttrium,7440-65-5A	1204051.7	104.77	%	0.599				0.57%
Yttrium,7440-65-5R	70343.8	98.092	%	3.0213				3.08%
Ar 420.067 R	1208019.7	89.894	%	0.2181				0.24%
Ar 363.268 A	45185.8	98.814	%	0.5324				0.54%
Aluminum,7429-90-5	1803.9	4.9575	mg/L	0.00795	4.9575	mg/L	0.00795	0.16%
QC value within limits for Aluminum,7429-90-5 Recovery = 99.15%								
Antimony,7440-36-0	481.8	0.5188	mg/L	0.00612	0.5188	mg/L	0.00612	1.18%
QC value within limits for Antimony,7440-36-0 Recovery = 103.77%								
Arsenic,7440-38-2	302.4	0.5075	mg/L	0.00271	0.5075	mg/L	0.00271	0.53%
QC value within limits for Arsenic,7440-38-2 Recovery = 101.50%								
Barium,7440-39-3	28489.7	0.5229	mg/L	0.00166	0.5229	mg/L	0.00166	0.32%
QC value within limits for Barium,7440-39-3 Recovery = 104.58%								
Beryllium,7440-41-7	855069.7	0.5181	mg/L	0.00366	0.5181	mg/L	0.00366	0.71%
QC value within limits for Beryllium,7440-41-7 Recovery = 103.61%								
Boron,7440-42-8	45076.6	2.5716	mg/L	0.01240	2.5716	mg/L	0.01240	0.48%
QC value within limits for Boron,7440-42-8 Recovery = 102.86%								
Cadmium,7440-43-9	31141.7	0.5263	mg/L	0.00215	0.5263	mg/L	0.00215	0.41%
QC value within limits for Cadmium,7440-43-9 Recovery = 105.27%								
Calcium,7440-70-2	10452.2	4.8218	mg/L	0.01065	4.8218	mg/L	0.01065	0.22%

QC value within limits for Calcium,7440-70-2 Recovery = 96.44%

Chromium,7440-47-3	29603.8	0.5269 mg/L	0.00247	0.5269 mg/L	0.00247	0.47%

QC value within limits for Chromium,7440-47-3 Recovery = 105.37%

Cobalt,7440-48-4	9413.6	0.5179 mg/L	0.00088	0.5179 mg/L	0.00088	0.17%

QC value within limits for Cobalt,7440-48-4 Recovery = 103.57%

Copper,7440-50-8	59730.6	0.5235 mg/L	0.00265	0.5235 mg/L	0.00265	0.51%

QC value within limits for Copper,7440-50-8 Recovery = 104.70%

Iron,7439-89-6	6908.8	4.9304 mg/L	0.01239	4.9304 mg/L	0.01239	0.25%

QC value within limits for Iron,7439-89-6 Recovery = 98.61%

Lead,7439-92-1	3232.9	0.5193 mg/L	0.00227	0.5193 mg/L	0.00227	0.44%

QC value within limits for Lead,7439-92-1 Recovery = 103.85%

Lithium,7439-93-2	33619.7	0.4885 mg/L	0.00575	0.4885 mg/L	0.00575	1.18%

QC value within limits for Lithium,7439-93-2 Recovery = 97.70%

Magnesium,7439-95-4	1353.9	4.9374 mg/L	0.01973	4.9374 mg/L	0.01973	0.40%

QC value within limits for Magnesium,7439-95-4 Recovery = 98.75%

Manganese,7439-96-5	147640.1	0.5261 mg/L	0.00234	0.5261 mg/L	0.00234	0.44%

QC value within limits for Manganese,7439-96-5 Recovery = 105.23%

Molybdenum,7439-98-7	3962.3	0.5133 mg/L	0.00017	0.5133 mg/L	0.00017	0.03%

QC value within limits for Molybdenum,7439-98-7 Recovery = 102.65%

Nickel,7440-02-0	11198.9	0.5376 mg/L	0.00694	0.5376 mg/L	0.00694	1.29%

QC value within limits for Nickel,7440-02-0 Recovery = 107.52%

Potassium,7440-09-7	17874.3	9.6870 mg/L	0.11906	9.6870 mg/L	0.11906	1.23%

QC value within limits for Potassium,7440-09-7 Recovery = 96.87%

Selenium,7782-49-2	355.0	0.5241 mg/L	0.00435	0.5241 mg/L	0.00435	0.83%

QC value within limits for Selenium,7782-49-2 Recovery = 104.82%

Silicon,7440-21-3	129.8	0.4645 mg/L	0.00890	0.4645 mg/L	0.00890	1.92%

QC value within limits for Silicon,7440-21-3 Recovery = 92.90%

Silver,7440-22-4	78982.6	0.5166 mg/L	0.00168	0.5166 mg/L	0.00168	0.32%

QC value within limits for Silver,7440-22-4 Recovery = 103.31%

Sodium,7440-23-5	54527.3	17.894 mg/L	0.2370	17.894 mg/L	0.2370	1.32%

QC value less than the lower limit for Sodium,7440-23-5 Recovery = 89.47%

Strontium,7440-24-6	73260.6	0.4622 mg/L	0.00564	0.4622 mg/L	0.00564	1.22%

QC value within limits for Strontium,7440-24-6 Recovery = 92.44%

Thallium,7440-28-0	577.4	0.5200 mg/L	0.00573	0.5200 mg/L	0.00573	1.10%

QC value within limits for Thallium,7440-28-0 Recovery = 104.00%

Tin,7440-31-5	1428.7	0.5184 mg/L	0.00199	0.5184 mg/L	0.00199	0.38%

QC value within limits for Tin,7440-31-5 Recovery = 103.69%

Titanium,7440-32-6	148305.8	0.5168 mg/L	0.00271	0.5168 mg/L	0.00271	0.52%

QC value within limits for Titanium,7440-32-6 Recovery = 103.36%

Vanadium,7440-62-2	34108.8	0.5283 mg/L	0.00442	0.5283 mg/L	0.00442	0.84%

QC value within limits for Vanadium,7440-62-2 Recovery = 105.67%

Zinc,7440-66-6	16921.1	0.5351 mg/L	0.00412	0.5351 mg/L	0.00412	0.77%

QC value within limits for Zinc,7440-66-6 Recovery = 107.01%

Zirconium,7440-67-7	100588.2	0.5172 mg/L	0.00257	0.5172 mg/L	0.00257	0.50%

QC value within limits for Zirconium,7440-67-7 Recovery = 103.43%

QC Failed. Continue with analysis.

Sequence No.: 35 **Autosampler Location: 7**
Sample ID: 1800 **Date Collected: 7/26/2006 3:02:25 PM**
Analyst: **Data Type: Reprocessed on 7/27/2006 9:00:15 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2223766.3	107.39	%	0.849				0.79%
Yttrium,7440-65-5A	1213789.6	105.62	%	0.979				0.93%
Yttrium,7440-65-5R	70536.1	98.360	%	0.5875				0.60%
Ar 420.067 R	1208984.0	89.965	%	0.5220				0.58%
Ar 363.268 A	45333.5	99.137	%	0.3942				0.40%
Aluminum,7429-90-5	1792.6	4.9264	mg/L	0.08413	4.9264	mg/L	0.08413	1.71%
Antimony,7440-36-0	488.8	0.5262	mg/L	0.00335	0.5262	mg/L	0.00335	0.64%
Arsenic,7440-38-2	303.1	0.5086	mg/L	0.00488	0.5086	mg/L	0.00488	0.96%
Barium,7440-39-3	28573.9	0.5245	mg/L	0.00522	0.5245	mg/L	0.00522	1.00%

QC value within limits for Aluminum,7429-90-5 Recovery = 98.53%
QC value within limits for Antimony,7440-36-0 Recovery = 105.24%
QC value within limits for Arsenic,7440-38-2 Recovery = 101.72%
QC value within limits for Barium,7440-39-3 Recovery = 104.89%

Beryllium,7440-41-7	854581.6	0.5178 mg/L	0.00120	0.5178 mg/L	0.00120	0.23%
QC value within limits for Beryllium,7440-41-7 Recovery = 103.55%						
Boron,7440-42-8	45825.3	2.6143 mg/L	0.04200	2.6143 mg/L	0.04200	1.61%
QC value within limits for Boron,7440-42-8 Recovery = 104.57%						
Cadmium,7440-43-9	31253.9	0.5282 mg/L	0.00643	0.5282 mg/L	0.00643	1.22%
QC value within limits for Cadmium,7440-43-9 Recovery = 105.64%						
Calcium,7440-70-2	10626.7	4.9022 mg/L	0.04849	4.9022 mg/L	0.04849	0.99%
QC value within limits for Calcium,7440-70-2 Recovery = 98.04%						
Chromium,7440-47-3	29661.8	0.5279 mg/L	0.00577	0.5279 mg/L	0.00577	1.09%
QC value within limits for Chromium,7440-47-3 Recovery = 105.57%						
Cobalt,7440-48-4	9410.3	0.5177 mg/L	0.00251	0.5177 mg/L	0.00251	0.48%
QC value within limits for Cobalt,7440-48-4 Recovery = 103.54%						
Copper,7440-50-8	59972.2	0.5256 mg/L	0.00484	0.5256 mg/L	0.00484	0.92%
QC value within limits for Copper,7440-50-8 Recovery = 105.12%						
Iron,7439-89-6	7027.9	5.0154 mg/L	0.04328	5.0154 mg/L	0.04328	0.86%
QC value within limits for Iron,7439-89-6 Recovery = 100.31%						
Lead,7439-92-1	3226.5	0.5183 mg/L	0.00090	0.5183 mg/L	0.00090	0.17%
QC value within limits for Lead,7439-92-1 Recovery = 103.65%						
Lithium,7439-93-2	33216.6	0.4826 mg/L	0.00248	0.4826 mg/L	0.00248	0.51%
QC value within limits for Lithium,7439-93-2 Recovery = 96.53%						
Magnesium,7439-95-4	1354.7	4.9404 mg/L	0.07017	4.9404 mg/L	0.07017	1.42%
QC value within limits for Magnesium,7439-95-4 Recovery = 98.81%						
Manganese,7439-96-5	148026.1	0.5275 mg/L	0.00589	0.5275 mg/L	0.00589	1.12%
QC value within limits for Manganese,7439-96-5 Recovery = 105.50%						
Molybdenum,7439-98-7	3962.0	0.5132 mg/L	0.00260	0.5132 mg/L	0.00260	0.51%
QC value within limits for Molybdenum,7439-98-7 Recovery = 102.65%						
Nickel,7440-02-0	11128.6	0.5342 mg/L	0.01092	0.5342 mg/L	0.01092	2.04%
QC value within limits for Nickel,7440-02-0 Recovery = 106.84%						
Potassium,7440-09-7	17765.8	9.6281 mg/L	0.02470	9.6281 mg/L	0.02470	0.26%
QC value within limits for Potassium,7440-09-7 Recovery = 96.28%						
Selenium,7782-49-2	351.9	0.5197 mg/L	0.00408	0.5197 mg/L	0.00408	0.79%
QC value within limits for Selenium,7782-49-2 Recovery = 103.93%						
Silicon,7440-21-3	130.2	0.4658 mg/L	0.00485	0.4658 mg/L	0.00485	1.04%
QC value within limits for Silicon,7440-21-3 Recovery = 93.15%						
Silver,7440-22-4	79371.5	0.5191 mg/L	0.00433	0.5191 mg/L	0.00433	0.83%
QC value within limits for Silver,7440-22-4 Recovery = 103.82%						
Sodium,7440-23-5	54048.4	17.737 mg/L	0.0558	17.737 mg/L	0.0558	0.31%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 88.68%						
Strontium,7440-24-6	72777.0	0.4592 mg/L	0.00047	0.4592 mg/L	0.00047	0.10%
QC value within limits for Strontium,7440-24-6 Recovery = 91.83%						
Thallium,7440-28-0	574.8	0.5176 mg/L	0.00489	0.5176 mg/L	0.00489	0.95%
QC value within limits for Thallium,7440-28-0 Recovery = 103.53%						
Tin,7440-31-5	1433.8	0.5203 mg/L	0.00166	0.5203 mg/L	0.00166	0.32%
QC value within limits for Tin,7440-31-5 Recovery = 104.06%						
Titanium,7440-32-6	147913.0	0.5155 mg/L	0.00164	0.5155 mg/L	0.00164	0.32%
QC value within limits for Titanium,7440-32-6 Recovery = 103.09%						
Vanadium,7440-62-2	34179.1	0.5294 mg/L	0.00789	0.5294 mg/L	0.00789	1.49%
QC value within limits for Vanadium,7440-62-2 Recovery = 105.89%						
Zinc,7440-66-6	16991.1	0.5373 mg/L	0.00289	0.5373 mg/L	0.00289	0.54%
QC value within limits for Zinc,7440-66-6 Recovery = 107.45%						
Zirconium,7440-67-7	101061.6	0.5196 mg/L	0.00492	0.5196 mg/L	0.00492	0.95%
QC value within limits for Zirconium,7440-67-7 Recovery = 103.92%						

QC Failed. Continue with analysis.

CCB 7/27/06

Sequence No.: 36
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 3:09:42 PM
Data Type: Reprocessed on 7/27/2006 9:00:17 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2233996.2	107.88	%	0.878				0.81%
Yttrium,7440-65-5A	1241319.2	108.01	%	0.774				0.72%
Yttrium,7440-65-5R	71608.8	99.856	%	0.5095				0.51%
Ar 420.067 R	1208046.2	89.896	%	0.4973				0.55%
Ar 363.268 A	44877.1	98.139	%	0.7115				0.72%
Aluminum,7429-90-5	3.0	0.0082	mg/L	0.01203	0.0082	mg/L	0.01203	147.15%

QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated

Antimony,7440-36-0	1.2	0.0013 mg/L	0.00399	0.0013 mg/L	0.00399	311.44%

QC value within limits for Antimony,7440-36-0 Recovery = Not calculated

Arsenic,7440-38-2	0.5	0.0008 mg/L	0.00352	0.0008 mg/L	0.00352	463.77%

QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated

Barium,7440-39-3	10.0	0.0002 mg/L	0.00030	0.0002 mg/L	0.00030	170.39%

QC value within limits for Barium,7440-39-3 Recovery = Not calculated

Beryllium,7440-41-7	-195.3	-0.0001 mg/L	0.00004	-0.0001 mg/L	0.00004	30.02%

QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated

Boron,7440-42-8	690.3	0.0394 mg/L	0.00380	0.0394 mg/L	0.00380	9.63%

QC value within limits for Boron,7440-42-8 Recovery = Not calculated

Cadmium,7440-43-9	-7.6	-0.0001 mg/L	0.00011	-0.0001 mg/L	0.00011	87.39%

QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated

Calcium,7440-70-2	16.2	0.0075 mg/L	0.00163	0.0075 mg/L	0.00163	21.83%

QC value within limits for Calcium,7440-70-2 Recovery = Not calculated

Chromium,7440-47-3	1.2	0.0000 mg/L	0.00087	0.0000 mg/L	0.00087	>999.9%

QC value within limits for Chromium,7440-47-3 Recovery = Not calculated

Cobalt,7440-48-4	-4.3	-0.0002 mg/L	0.00066	-0.0002 mg/L	0.00066	278.16%

QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated

Copper,7440-50-8	96.8	0.0008 mg/L	0.00024	0.0008 mg/L	0.00024	27.87%

QC value within limits for Copper,7440-50-8 Recovery = Not calculated

Iron,7439-89-6	1.6	0.0011 mg/L	0.00131	0.0011 mg/L	0.00131	118.74%

QC value within limits for Iron,7439-89-6 Recovery = Not calculated

Lead,7439-92-1	13.5	0.0022 mg/L	0.00009	0.0022 mg/L	0.00009	4.23%

QC value within limits for Lead,7439-92-1 Recovery = Not calculated

Lithium,7439-93-2	-76.3	-0.0011 mg/L	0.00046	-0.0011 mg/L	0.00046	41.90%

QC value within limits for Lithium,7439-93-2 Recovery = Not calculated

Magnesium,7439-95-4	4.9	0.0179 mg/L	0.02864	0.0179 mg/L	0.02864	159.75%

QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated

Manganese,7439-96-5	24.2	0.0001 mg/L	0.00007	0.0001 mg/L	0.00007	87.30%

QC value within limits for Manganese,7439-96-5 Recovery = Not calculated

Molybdenum,7439-98-7	-5.3	-0.0007 mg/L	0.00076	-0.0007 mg/L	0.00076	110.94%

QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated

Nickel,7440-02-0	-13.2	-0.0006 mg/L	0.00073	-0.0006 mg/L	0.00073	115.67%

QC value within limits for Nickel,7440-02-0 Recovery = Not calculated

Potassium,7440-09-7	251.3	0.1363 mg/L	0.02229	0.1363 mg/L	0.02229	16.35%

QC value within limits for Potassium,7440-09-7 Recovery = Not calculated

Selenium,7782-49-2	-1.7	-0.0024 mg/L	0.00959	-0.0024 mg/L	0.00959	391.86%

QC value within limits for Selenium,7782-49-2 Recovery = Not calculated

Silicon,7440-21-3	-6.7	-0.0241 mg/L	0.01120	-0.0241 mg/L	0.01120	46.40%

QC value within limits for Silicon,7440-21-3 Recovery = Not calculated

Silver,7440-22-4	65.2	0.0004 mg/L	0.00089	0.0004 mg/L	0.00089	221.29%

QC value within limits for Silver,7440-22-4 Recovery = Not calculated

Sodium,7440-23-5	-3344.1	-1.0999 mg/L	0.01019	-1.0999 mg/L	0.01019	0.93%

QC value within limits for Sodium,7440-23-5 Recovery = Not calculated

Strontium,7440-24-6	-38.1	-0.0002 mg/L	0.00040	-0.0002 mg/L	0.00040	167.85%

QC value within limits for Strontium,7440-24-6 Recovery = Not calculated

Thallium,7440-28-0	4.8	0.0043 mg/L	0.00942	0.0043 mg/L	0.00942	219.04%

QC value within limits for Thallium,7440-28-0 Recovery = Not calculated

Tin,7440-31-5	-2.7	-0.0010 mg/L	0.00200	-0.0010 mg/L	0.00200	204.97%

QC value within limits for Tin,7440-31-5 Recovery = Not calculated

Titanium,7440-32-6	-73.0	-0.0003 mg/L	0.00019	-0.0003 mg/L	0.00019	76.10%

QC value within limits for Titanium,7440-32-6 Recovery = Not calculated

Vanadium,7440-62-2	223.4	0.0035 mg/L	0.00046	0.0035 mg/L	0.00046	13.36%

QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated

Zinc,7440-66-6	264.9	0.0084 mg/L	0.00038	0.0084 mg/L	0.00038	4.58%

QC value within limits for Zinc,7440-66-6 Recovery = Not calculated

Zirconium,7440-67-7	139.2	0.0007 mg/L	0.00078	0.0007 mg/L	0.00078	109.72%

QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated

All analyte(s) passed QC.

Sequence No.: 37
Sample ID: 20607200616
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 37
Date Collected: 7/26/2006 3:17:03 PM
Data Type: Reprocessed on 7/27/2006 9:00:18 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200616

Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Scandium-IS	2028968.4	97.983	%	0.4628				0.47%
Yttrium,7440-65-5A	1154410.3	100.45	%	0.441				0.44%
Yttrium,7440-65-5R	71102.6	99.150	%	0.7472				0.75%
Ar 420.067 R	1165767.9	86.750	%	0.2884				0.33%
Ar 363.268 A	40500.5	88.568	%	0.1539				0.17%
Aluminum,7429-90-5	37945.7	104.18	mg/L	0.467	4134.0	mg/kg	18.52	0.45%
Antimony,7440-36-0	-51.1	-0.0278	mg/L	0.00554	-1.1030	mg/kg	0.21990	19.94%
Arsenic,7440-38-2	63.6	0.1678	mg/L	0.00675	6.6599	mg/kg	0.26774	4.02%
Barium,7440-39-3	1007017.8	18.513	mg/L	0.1856	734.64	mg/kg	7.365	1.00%
Beryllium,7440-41-7	7055.0	0.0050	mg/L	0.00003	0.1971	mg/kg	0.00118	0.60%
Boron,7440-42-8	-2123.6	-0.5179	mg/L	0.00189	-20.552	mg/kg	0.0749	0.36%
Cadmium,7440-43-9	1575.1	0.0184	mg/L	0.00013	0.7317	mg/kg	0.00498	0.68%
Calcium,7440-70-2	3550515.2	1636.0	mg/L	13.44	64919	mg/kg	533.3	0.82%
Chromium,7440-47-3	18336.2	0.2173	mg/L	0.00179	8.6213	mg/kg	0.07121	0.83%
Cobalt,7440-48-4	604.8	0.0310	mg/L	0.00049	1.2289	mg/kg	0.01950	1.59%
Copper,7440-50-8	78753.3	0.6924	mg/L	0.00620	27.478	mg/kg	0.2459	0.89%
Iron,7439-89-6	648463.3	462.64	mg/L	3.308	18359	mg/kg	131.3	0.72%
Lead,7439-92-1	2979.7	0.5866	mg/L	0.00742	23.279	mg/kg	0.2944	1.26%
Lithium,7439-93-2	7161.2	0.0981	mg/L	0.00054	3.8939	mg/kg	0.02124	0.55%
Magnesium,7439-95-4	18101.1	65.934	mg/L	0.3628	2616.4	mg/kg	14.40	0.55%
Manganese,7439-96-5	2698494.9	9.6134	mg/L	0.10494	381.48	mg/kg	4.164	1.09%
Molybdenum,7439-98-7	137.0	0.0214	mg/L	0.00093	0.8476	mg/kg	0.03695	4.36%
Nickel,7440-02-0	5116.9	0.2407	mg/L	0.00284	9.5516	mg/kg	0.11251	1.18%
Potassium,7440-09-7	75086.8	40.434	mg/L	0.2525	1604.5	mg/kg	10.02	0.62%
Selenium,7782-49-2	-135.7	-0.0782	mg/L	0.01469	-3.1041	mg/kg	0.58304	18.78%
Silicon,7440-21-3	3090.5	11.092	mg/L	0.0994	440.17	mg/kg	3.944	0.90%
Silver,7440-22-4	-10671.7	-0.0405	mg/L	0.00080	-1.6064	mg/kg	0.03157	1.97%
Sodium,7440-23-5	27061.3	7.8278	mg/L	0.04131	310.63	mg/kg	1.639	0.53%
Strontium,7440-24-6	256141.5	1.6185	mg/L	0.01045	64.226	mg/kg	0.4145	0.65%
Thallium,7440-28-0	-79.7	-0.0638	mg/L	0.00694	-2.5305	mg/kg	0.27524	10.88%
Tin,7440-31-5	-32.2	0.0015	mg/L	0.00331	0.0587	mg/kg	0.13119	223.60%
Titanium,7440-32-6	91312.0	0.3176	mg/L	0.00398	12.605	mg/kg	0.1579	1.25%
Vanadium,7440-62-2	22424.0	0.3475	mg/L	0.00387	13.791	mg/kg	0.1536	1.11%
Zinc,7440-66-6	573457.1	18.110	mg/L	0.1857	718.63	mg/kg	7.370	1.03%
Zirconium,7440-67-7	32223.9	0.1585	mg/L	0.00139	6.2916	mg/kg	0.05527	0.88%

Sequence No.: 38
Sample ID: 20607200617
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 38
Date Collected: 7/26/2006 3:23:20 PM
Data Type: Reprocessed on 7/27/2006 9:00:20 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200617

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scandium-IS	2093177.8	101.08	%	0.731				0.72%
Yttrium,7440-65-5A	1200645.6	104.47	%	0.689				0.66%
Yttrium,7440-65-5R	73900.9	103.05	%	0.635				0.62%
Ar 420.067 R	1173251.5	87.306	%	0.0757				0.09%
Ar 363.268 A	42296.6	92.496	%	0.2808				0.30%
Aluminum,7429-90-5	61310.1	168.34	mg/L	0.849	6733.7	mg/kg	33.97	0.50%
Antimony,7440-36-0	-25.4	-0.0106	mg/L	0.00694	-0.4224	mg/kg	0.27769	65.74%
Arsenic,7440-38-2	51.6	0.1301	mg/L	0.00932	5.2053	mg/kg	0.37268	7.16%
Barium,7440-39-3	114629.9	2.1077	mg/L	0.01701	84.308	mg/kg	0.6805	0.81%
Beryllium,7440-41-7	20024.1	0.0123	mg/L	0.00011	0.4915	mg/kg	0.00436	0.89%
Boron,7440-42-8	-278.9	-0.2044	mg/L	0.00142	-8.1765	mg/kg	0.05669	0.69%
Cadmium,7440-43-9	548.9	0.0058	mg/L	0.00016	0.2308	mg/kg	0.00647	2.80%
Calcium,7440-70-2	1316837.3	606.79	mg/L	5.162	24271	mg/kg	206.5	0.85%
Chromium,7440-47-3	11920.3	0.1649	mg/L	0.00250	6.5979	mg/kg	0.09993	1.51%
Cobalt,7440-48-4	1956.6	0.1068	mg/L	0.00052	4.2726	mg/kg	0.02072	0.48%
Copper,7440-50-8	14884.5	0.1330	mg/L	0.00079	5.3193	mg/kg	0.03154	0.59%
Iron,7439-89-6	309705.7	220.96	mg/L	1.902	8838.3	mg/kg	76.07	0.86%
Lead,7439-92-1	1019.3	0.2126	mg/L	0.00061	8.5060	mg/kg	0.02457	0.29%
Lithium,7439-93-2	19318.5	0.2775	mg/L	0.00334	11.098	mg/kg	0.1336	1.20%
Magnesium,7439-95-4	35874.0	130.79	mg/L	0.547	5231.8	mg/kg	21.89	0.42%
Manganese,7439-96-5	1851306.2	6.5953	mg/L	0.04174	263.81	mg/kg	1.670	0.63%
Molybdenum,7439-98-7	-66.5	-0.0084	mg/L	0.00084	-0.3372	mg/kg	0.03365	9.98%
Nickel,7440-02-0	5393.9	0.2569	mg/L	0.00151	10.276	mg/kg	0.0603	0.59%

Potassium,7440-09-7	86262.6	46.633 mg/L	0.2619	1865.3 mg/kg	10.48	0.56%
Selenium,7782-49-2	-57.3	-0.0026 mg/L	0.00587	-0.1051 mg/kg	0.23478	223.31%
Silicon,7440-21-3	1445.0	5.1828 mg/L	0.01695	207.31 mg/kg	0.678	0.33%
Silver,7440-22-4	-5543.6	-0.0233 mg/L	0.00058	-0.9317 mg/kg	0.02305	2.47%
Sodium,7440-23-5	74606.7	23.949 mg/L	0.1839	957.97 mg/kg	7.354	0.77%
Strontium,7440-24-6	170522.8	1.0768 mg/L	0.00703	43.072 mg/kg	0.2812	0.65%
Thallium,7440-28-0	-65.3	-0.0505 mg/L	0.00463	-2.0194 mg/kg	0.18527	9.17%
Tin,7440-31-5	-58.0	-0.0203 mg/L	0.00114	-0.8136 mg/kg	0.04546	5.59%
Titanium,7440-32-6	99757.3	0.3474 mg/L	0.00253	13.895 mg/kg	0.1014	0.73%
Vanadium,7440-62-2	17740.9	0.2747 mg/L	0.00225	10.986 mg/kg	0.0902	0.82%
Zinc,7440-66-6	35079.1	1.1160 mg/L	0.01332	44.641 mg/kg	0.5327	1.19%
Zirconium,7440-67-7	21212.7	0.1061 mg/L	0.00067	4.2424 mg/kg	0.02661	0.63%

Sequence No.: 39
Sample ID: 20607200602 Zn
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 10X

Autosampler Location: 39
Date Collected: 7/26/2006 3:30:25 PM
Data Type: Reprocessed on 7/27/2006 9:00:21 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200602 Zn

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2161047.2	104.36	%	1.967				1.88%
Yttrium,7440-65-5A	1184904.5	103.10	%	2.112				2.05%
Yttrium,7440-65-5R	70989.3	98.992	%	0.6942				0.70%
Ar 420.067 R	1190805.0	88.613	%	0.1153				0.13%
Ar 363.268 A	44511.7	97.340	%	0.2081				0.21%
Aluminum,7429-90-5	5019.6	13.782	mg/L	0.0666	5512.8	mg/kg	26.65	0.48%
Antimony,7440-36-0	-0.0	0.0026	mg/L	0.00453	1.0206	mg/kg	1.81374	177.71%
Arsenic,7440-38-2	14.1	0.0320	mg/L	0.01048	12.790	mg/kg	4.1906	32.77%
Barium,7440-39-3	20899.0	0.3842	mg/L	0.00249	153.68	mg/kg	0.996	0.65%
Beryllium,7440-41-7	1308.9	0.0008	mg/L	0.00003	0.3051	mg/kg	0.01068	3.50%
Boron,7440-42-8	-140.6	-0.0461	mg/L	0.00150	-18.423	mg/kg	0.5994	3.25%
Cadmium,7440-43-9	377.2	0.0057	mg/L	0.00009	2.2928	mg/kg	0.03793	1.65%
Calcium,7440-70-2	163759.4	75.462	mg/L	0.9757	30185	mg/kg	390.3	1.29%
Chromium,7440-47-3	3696.9	0.0556	mg/L	0.00138	22.256	mg/kg	0.5533	2.49%
Cobalt,7440-48-4	176.8	0.0095	mg/L	0.00049	3.7931	mg/kg	0.19746	5.21%
Copper,7440-50-8	9354.7	0.0822	mg/L	0.00102	32.896	mg/kg	0.4087	1.24%
Iron,7439-89-6	60846.5	43.411	mg/L	0.5399	17365	mg/kg	216.0	1.24%
Lead,7439-92-1	1326.0	0.2224	mg/L	0.00155	88.972	mg/kg	0.6213	0.70%
Lithium,7439-93-2	1419.9	0.0202	mg/L	0.00132	8.0757	mg/kg	0.52968	6.56%
Magnesium,7439-95-4	2999.0	10.927	mg/L	0.0922	4371.0	mg/kg	36.89	0.84%
Manganese,7439-96-5	193739.9	0.6902	mg/L	0.00456	276.07	mg/kg	1.823	0.66%
Molybdenum,7439-98-7	-1.2	0.0001	mg/L	0.00153	0.0337	mg/kg	0.61287	>999.9%
Nickel,7440-02-0	709.9	0.0337	mg/L	0.00050	13.493	mg/kg	0.2016	1.49%
Potassium,7440-09-7	6922.3	3.7362	mg/L	0.07782	1494.5	mg/kg	31.13	2.08%
Selenium,7782-49-2	-11.8	-0.0045	mg/L	0.00789	-1.8118	mg/kg	3.15761	174.28%
Silicon,7440-21-3	614.9	2.2041	mg/L	0.00961	881.63	mg/kg	3.842	0.44%
Silver,7440-22-4	-1025.3	-0.0040	mg/L	0.00038	-1.5979	mg/kg	0.15263	9.55%
Sodium,7440-23-5	4060.1	1.2576	mg/L	0.01686	503.04	mg/kg	6.746	1.34%
Strontium,7440-24-6	20124.2	0.1271	mg/L	0.00151	50.833	mg/kg	0.6022	1.18%
Thallium,7440-28-0	-1.2	0.0001	mg/L	0.00767	0.0558	mg/kg	3.06670	>999.9%
Tin,7440-31-5	0.8	0.0004	mg/L	0.00178	0.1619	mg/kg	0.71073	438.94%
Titanium,7440-32-6	12053.9	0.0420	mg/L	0.00104	16.781	mg/kg	0.4168	2.48%
Vanadium,7440-62-2	2457.8	0.0381	mg/L	0.00034	15.240	mg/kg	0.1379	0.91%
Zinc,7440-66-6	457100.1	14.420	mg/L	0.0552	5768.2	mg/kg	22.08	0.38%
Zirconium,7440-67-7	1844.3	0.0088	mg/L	0.00073	3.5397	mg/kg	0.29313	8.28%

Sequence No.: 40
Sample ID: 20607200603
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 10X

Autosampler Location: 40
Date Collected: 7/26/2006 3:37:50 PM
Data Type: Reprocessed on 7/27/2006 9:00:23 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200603

Mean Corrected Calib Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Scandium-IS	2208883.9	106.67	%	0.606				0.57%
Yttrium,7440-65-5A	1210080.5	105.29	%	0.585				0.56%
Yttrium,7440-65-5R	70561.5	98.395	%	0.0690				0.07%
Ar 420.067 R	1189009.5	88.479	%	0.1120				0.13%
Ar 363.268 A	44515.3	97.348	%	0.1304				0.13%
Aluminum,7429-90-5	7315.8	20.088	mg/L	0.0520	8035.1	mg/kg	20.82	0.26%
Antimony,7440-36-0	6.3	0.0100	mg/L	0.00259	4.0099	mg/kg	1.03400	25.79%
Arsenic,7440-38-2	44.7	0.0831	mg/L	0.00561	33.236	mg/kg	2.2423	6.75%
Barium,7440-39-3	23620.6	0.4341	mg/L	0.00238	173.66	mg/kg	0.953	0.55%
Beryllium,7440-41-7	92947.3	0.0563	mg/L	0.00032	22.527	mg/kg	0.1279	0.57%
Boron,7440-42-8	2783.7	0.1245	mg/L	0.00203	49.782	mg/kg	0.8132	1.63%
Cadmium,7440-43-9	3745.0	0.0627	mg/L	0.00049	25.079	mg/kg	0.1947	0.78%
Calcium,7440-70-2	156899.7	72.301	mg/L	0.3882	28921	mg/kg	155.3	0.54%
Chromium,7440-47-3	5685.7	0.0923	mg/L	0.00035	36.917	mg/kg	0.1400	0.38%
Cobalt,7440-48-4	1202.9	0.0660	mg/L	0.00117	26.385	mg/kg	0.4676	1.77%
Copper,7440-50-8	14388.1	0.1265	mg/L	0.00098	50.591	mg/kg	0.3909	0.77%
Iron,7439-89-6	56005.2	39.958	mg/L	0.1748	15983	mg/kg	69.9	0.44%
Lead,7439-92-1	1701.3	0.2817	mg/L	0.00083	112.69	mg/kg	0.333	0.30%
Lithium,7439-93-2	5265.8	0.0761	mg/L	0.00158	30.426	mg/kg	0.6328	2.08%
Magnesium,7439-95-4	3683.4	13.425	mg/L	0.0486	5370.0	mg/kg	19.45	0.36%
Manganese,7439-96-5	290531.4	1.0350	mg/L	0.00525	414.02	mg/kg	2.100	0.51%
Molybdenum,7439-98-7	281.7	0.0367	mg/L	0.00138	14.662	mg/kg	0.5525	3.77%
Nickel,7440-02-0	1875.7	0.0897	mg/L	0.00061	35.878	mg/kg	0.2431	0.68%
Potassium,7440-09-7	10813.3	5.8452	mg/L	0.05204	2338.1	mg/kg	20.82	0.89%
Selenium,7782-49-2	24.9	0.0498	mg/L	0.00888	19.922	mg/kg	3.5535	17.84%
Silicon,7440-21-3	360.2	1.2915	mg/L	0.00754	516.60	mg/kg	3.018	0.58%
Silver,7440-22-4	7591.2	0.0521	mg/L	0.00057	20.828	mg/kg	0.2288	1.10%
Sodium,7440-23-5	10493.1	3.3660	mg/L	0.04850	1346.4	mg/kg	19.40	1.44%
Strontium,7440-24-6	27901.0	0.1761	mg/L	0.00133	70.459	mg/kg	0.5301	0.75%
Thallium,7440-28-0	53.9	0.0494	mg/L	0.00188	19.768	mg/kg	0.7513	3.80%
Tin,7440-31-5	126.6	0.0459	mg/L	0.00139	18.348	mg/kg	0.5541	3.02%
Titanium,7440-32-6	18037.1	0.0628	mg/L	0.00051	25.123	mg/kg	0.2023	0.81%
Vanadium,7440-62-2	6124.9	0.0949	mg/L	0.00077	37.950	mg/kg	0.3078	0.81%
Zinc,7440-66-6	784064.1	24.735	mg/L	0.1386	9893.8	mg/kg	55.42	0.56%
Zirconium,7440-67-7	3042.5	0.0151	mg/L	0.00051	6.0381	mg/kg	0.20239	3.35%

Sequence No.: 41
Sample ID: 20607200604
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 10X

Autosampler Location: 41
Date Collected: 7/26/2006 3:44:59 PM
Data Type: Reprocessed on 7/27/2006 9:00:24 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200604

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scandium-IS	2199405.0	106.21	%	0.240				0.23%
Yttrium,7440-65-5A	1205218.9	104.87	%	0.237				0.23%
Yttrium,7440-65-5R	70636.8	98.500	%	0.5228				0.53%
Ar 420.067 R	1192692.4	88.753	%	0.2445				0.28%
Ar 363.268 A	44365.4	97.020	%	0.3155				0.33%
Aluminum,7429-90-5	6565.7	18.028	mg/L	0.0442	7211.1	mg/kg	17.68	0.25%
Antimony,7440-36-0	3.6	0.0072	mg/L	0.00608	2.8649	mg/kg	2.43191	84.89%
Arsenic,7440-38-2	48.6	0.0889	mg/L	0.00302	35.573	mg/kg	1.2087	3.40%
Barium,7440-39-3	22503.5	0.4136	mg/L	0.00269	165.45	mg/kg	1.076	0.65%
Beryllium,7440-41-7	87368.4	0.0529	mg/L	0.00031	21.176	mg/kg	0.1227	0.58%
Boron,7440-42-8	2589.4	0.1141	mg/L	0.00235	45.642	mg/kg	0.9385	2.06%
Cadmium,7440-43-9	3263.8	0.0546	mg/L	0.00006	21.825	mg/kg	0.0239	0.11%
Calcium,7440-70-2	175788.8	81.004	mg/L	0.3581	32402	mg/kg	143.2	0.44%
Chromium,7440-47-3	5791.3	0.0943	mg/L	0.00043	37.708	mg/kg	0.1723	0.46%
Cobalt,7440-48-4	1101.5	0.0604	mg/L	0.00028	24.150	mg/kg	0.1132	0.47%
Copper,7440-50-8	14454.6	0.1270	mg/L	0.00074	50.787	mg/kg	0.2944	0.58%
Iron,7439-89-6	54735.5	39.051	mg/L	0.1600	15621	mg/kg	64.0	0.41%
Lead,7439-92-1	1772.0	0.2930	mg/L	0.00500	117.18	mg/kg	1.998	1.71%
Lithium,7439-93-2	4976.9	0.0719	mg/L	0.00182	28.750	mg/kg	0.7284	2.53%
Magnesium,7439-95-4	3403.7	12.405	mg/L	0.0168	4962.1	mg/kg	6.72	0.14%
Manganese,7439-96-5	247238.0	0.8808	mg/L	0.00453	352.32	mg/kg	1.811	0.51%
Molybdenum,7439-98-7	273.0	0.0355	mg/L	0.00056	14.212	mg/kg	0.2248	1.58%
Nickel,7440-02-0	1767.1	0.0845	mg/L	0.00035	33.796	mg/kg	0.1399	0.41%

Potassium,7440-09-7	9959.4	5.3817 mg/L	0.04709	2152.7 mg/kg	18.84	0.87%
Selenium,7782-49-2	30.6	0.0574 mg/L	0.01559	22.978 mg/kg	6.2359	27.14%
Silicon,7440-21-3	315.8	1.1327 mg/L	0.01714	453.07 mg/kg	6.858	1.51%
Silver,7440-22-4	7161.0	0.0492 mg/L	0.00024	19.681 mg/kg	0.0976	0.50%
Sodium,7440-23-5	9929.1	3.1824 mg/L	0.01056	1272.9 mg/kg	4.22	0.33%
Strontium,7440-24-6	27240.5	0.1720 mg/L	0.00117	68.796 mg/kg	0.4664	0.68%
Thallium,7440-28-0	57.1	0.0523 mg/L	0.00799	20.923 mg/kg	3.1965	15.28%
Tin,7440-31-5	117.6	0.0428 mg/L	0.00057	17.118 mg/kg	0.2296	1.34%
Titanium,7440-32-6	18447.9	0.0642 mg/L	0.00018	25.696 mg/kg	0.0729	0.28%
Vanadium,7440-62-2	5902.1	0.0914 mg/L	0.00043	36.574 mg/kg	0.1723	0.47%
Zinc,7440-66-6	411586.3	12.985 mg/L	0.0846	5193.9 mg/kg	33.85	0.65%
Zirconium,7440-67-7	2836.8	0.0141 mg/L	0.00030	5.6230 mg/kg	0.12183	2.17%

Sequence No.: 42
Sample ID: ~~394164~~
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 10X

394801 MAP ~~7/26/06~~ 7/27/06

Autosampler Location: 42
Date Collected: 7/26/2006 3:52:11 PM
Data Type: Reprocessed on 7/27/2006 9:00:25 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: ~~394164~~

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2193511.5	105.93	%	0.568				0.54%
Yttrium,7440-65-5A	1200074.4	104.42	%	0.792				0.76%
Yttrium,7440-65-5R	70542.6	98.369	%	0.2548				0.26%
Ar 420.067 R	1197168.9	89.086	%	0.1804				0.20%
Ar 363.268 A	44423.3	97.147	%	0.1196				0.12%
Aluminum,7429-90-5	6572.8	18.051	mg/L	0.2414	7220.3	mg/kg	96.57	1.34%
Antimony,7440-36-0	489.1	0.5287	mg/L	0.00153	211.49	mg/kg	0.611	0.29%
Arsenic,7440-38-2	320.3	0.5456	mg/L	0.00498	218.23	mg/kg	1.990	0.91%
Barium,7440-39-3	48089.2	0.8832	mg/L	0.00203	353.29	mg/kg	0.811	0.23%
Beryllium,7440-41-7	841345.8	0.5097	mg/L	0.00186	203.88	mg/kg	0.743	0.36%
Boron,7440-42-8	46022.6	2.5889	mg/L	0.00939	1035.6	mg/kg	3.76	0.36%
Cadmium,7440-43-9	30240.0	0.5105	mg/L	0.00153	204.18	mg/kg	0.613	0.30%
Calcium,7440-70-2	166613.7	76.782	mg/L	1.6079	30713	mg/kg	643.2	2.09%
Chromium,7440-47-3	32221.5	0.5636	mg/L	0.00152	225.44	mg/kg	0.609	0.27%
Cobalt,7440-48-4	9218.9	0.5069	mg/L	0.00354	202.76	mg/kg	1.417	0.70%
Copper,7440-50-8	67410.8	0.5910	mg/L	0.00150	236.42	mg/kg	0.602	0.25%
Iron,7439-89-6	65639.0	46.832	mg/L	0.7369	18733	mg/kg	294.8	1.57%
Lead,7439-92-1	4436.9	0.7218	mg/L	0.00592	288.72	mg/kg	2.370	0.82%
Lithium,7439-93-2	33226.9	0.4824	mg/L	0.00294	192.94	mg/kg	1.177	0.61%
Magnesium,7439-95-4	4184.9	15.253	mg/L	0.1461	6101.0	mg/kg	58.46	0.96%
Manganese,7439-96-5	332698.8	1.1854	mg/L	0.00262	474.15	mg/kg	1.047	0.22%
Molybdenum,7439-98-7	3981.6	0.5160	mg/L	0.00336	206.40	mg/kg	1.345	0.65%
Nickel,7440-02-0	11411.6	0.5475	mg/L	0.00147	218.99	mg/kg	0.586	0.27%
Potassium,7440-09-7	24432.2	13.226	mg/L	0.2545	5290.6	mg/kg	101.80	1.92%
Selenium,7782-49-2	342.8	0.5186	mg/L	0.00640	207.43	mg/kg	2.558	1.23%
Silicon,7440-21-3	742.8	2.6619	mg/L	0.05453	1064.8	mg/kg	21.81	2.05%
Silver,7440-22-4	76265.1	0.5014	mg/L	0.00175	200.58	mg/kg	0.699	0.35%
Sodium,7440-23-5	59576.8	19.481	mg/L	0.1568	7792.4	mg/kg	62.71	0.80%
Strontium,7440-24-6	90327.4	0.5700	mg/L	0.00201	228.00	mg/kg	0.806	0.35%
Thallium,7440-28-0	563.3	0.5085	mg/L	0.00646	203.39	mg/kg	2.584	1.27%
Tin,7440-31-5	1420.1	0.5154	mg/L	0.00334	206.17	mg/kg	1.338	0.65%
Titanium,7440-32-6	159266.1	0.5550	mg/L	0.00221	221.99	mg/kg	0.885	0.40%
Vanadium,7440-62-2	35427.2	0.5488	mg/L	0.00119	219.51	mg/kg	0.477	0.22%
Zinc,7440-66-6	471470.9	14.875	mg/L	0.0961	5950.0	mg/kg	38.45	0.65%
Zirconium,7440-67-7	2050.5	0.0109	mg/L	0.00076	4.3800	mg/kg	0.30577	6.98%

Sequence No.: 43
Sample ID: ~~394165~~
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 50X

394802 7/27/06 MAP ~~7/26/06~~

Autosampler Location: 43
Date Collected: 7/26/2006 3:59:19 PM
Data Type: Reprocessed on 7/27/2006 9:00:27 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: ~~394165~~

Mean Corrected Calib Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Scandium-IS	2252465.7	108.78	%	0.142				0.13%
Yttrium,7440-65-5A	1236940.6	107.63	%	0.092				0.09%
Yttrium,7440-65-5R	71869.0	100.22	%	1.145				1.14%
Ar 420.067 R	1200136.8	89.307	%	0.1917				0.21%
Ar 363.268 A	44722.9	97.802	%	0.2350				0.24%
Aluminum,7429-90-5	1075.3	2.9523	mg/L	0.02527	5904.6	mg/kg	50.55	0.86%
Antimony,7440-36-0	-2.6	-0.0022	mg/L	0.00769	-4.4019	mg/kg	15.37904	349.37%
Arsenic,7440-38-2	3.1	0.0069	mg/L	0.00943	13.793	mg/kg	18.8589	136.73%
Barium,7440-39-3	4373.9	0.0804	mg/L	0.00029	160.81	mg/kg	0.580	0.36%
Beryllium,7440-41-7	3.8	0.0000	mg/L	0.00001	-0.0078	mg/kg	0.02196	281.27%
Boron,7440-42-8	523.3	0.0221	mg/L	0.00169	44.178	mg/kg	3.3865	7.67%
Cadmium,7440-43-9	77.9	0.0012	mg/L	0.00003	2.3715	mg/kg	0.06291	2.65%
Calcium,7440-70-2	33808.3	15.579	mg/L	0.1734	31158	mg/kg	346.8	1.11%
Chromium,7440-47-3	768.7	0.0116	mg/L	0.00046	23.205	mg/kg	0.9103	3.92%
Cobalt,7440-48-4	33.3	0.0018	mg/L	0.00035	3.5653	mg/kg	0.69913	19.61%
Copper,7440-50-8	1850.4	0.0163	mg/L	0.00014	32.546	mg/kg	0.2757	0.85%
Iron,7439-89-6	12487.4	8.9092	mg/L	0.07576	17818	mg/kg	151.5	0.85%
Lead,7439-92-1	289.0	0.0483	mg/L	0.00131	96.700	mg/kg	2.6119	2.70%
Lithium,7439-93-2	293.1	0.0042	mg/L	0.00134	8.3342	mg/kg	2.67532	32.10%
Magnesium,7439-95-4	629.2	2.2927	mg/L	0.03345	4585.4	mg/kg	66.91	1.46%
Manganese,7439-96-5	40470.7	0.1442	mg/L	0.00055	288.35	mg/kg	1.102	0.38%
Molybdenum,7439-98-7	-2.5	-0.0003	mg/L	0.00172	-0.5641	mg/kg	3.44050	609.94%
Nickel,7440-02-0	157.1	0.0075	mg/L	0.00053	14.946	mg/kg	1.0584	7.08%
Potassium,7440-09-7	1587.3	0.8571	mg/L	0.02580	1714.2	mg/kg	51.60	3.01%
Selenium,7782-49-2	-4.2	-0.0035	mg/L	0.01027	-6.9789	mg/kg	20.54980	294.46%
Silicon,7440-21-3	133.4	0.4783	mg/L	0.01448	956.62	mg/kg	28.969	3.03%
Silver,7440-22-4	-120.8	-0.0003	mg/L	0.00048	-0.5165	mg/kg	0.95245	184.39%
Sodium,7440-23-5	-2102.0	-0.7075	mg/L	0.01079	-1415.1	mg/kg	21.58	1.52%
Strontium,7440-24-6	4110.4	0.0260	mg/L	0.00075	51.914	mg/kg	1.5087	2.91%
Thallium,7440-28-0	7.4	0.0068	mg/L	0.00225	13.670	mg/kg	4.5093	32.99%
Tin,7440-31-5	-5.4	-0.0019	mg/L	0.00044	-3.8472	mg/kg	0.88035	22.88%
Titanium,7440-32-6	2544.7	0.0089	mg/L	0.00041	17.714	mg/kg	0.8284	4.68%
Vanadium,7440-62-2	732.1	0.0113	mg/L	0.00017	22.693	mg/kg	0.3425	1.51%
Zinc,7440-66-6	93165.4	2.9392	mg/L	0.01234	5878.3	mg/kg	24.67	0.42%
Zirconium,7440-67-7	130.7	0.0005	mg/L	0.00031	1.0899	mg/kg	0.62726	57.55%

Sequence No.: 44
Sample ID: 20607200608 Zn
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 2X

Autosampler Location: 44
Date Collected: 7/26/2006 4:06:25 PM
Data Type: Reprocessed on 7/27/2006 9:00:28 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200608 Zn

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scandium-IS	2178618.3	105.21	%	1.172				1.11%
Yttrium,7440-65-5A	1206796.0	105.01	%	1.126				1.07%
Yttrium,7440-65-5R	71984.6	100.38	%	0.520				0.52%
Ar 420.067 R	1182467.0	87.992	%	0.2780				0.32%
Ar 363.268 A	42927.9	93.876	%	0.4917				0.52%
Aluminum,7429-90-5	18112.9	49.731	mg/L	0.0944	3978.5	mg/kg	7.55	0.19%
Antimony,7440-36-0	-3.9	0.0322	mg/L	0.00419	2.5724	mg/kg	0.33481	13.02%
Arsenic,7440-38-2	44.7	0.0951	mg/L	0.00492	7.6083	mg/kg	0.39333	5.17%
Barium,7440-39-3	334431.3	6.1479	mg/L	0.09160	491.83	mg/kg	7.328	1.49%
Beryllium,7440-41-7	4992.4	0.0032	mg/L	0.00002	0.2522	mg/kg	0.00195	0.77%
Boron,7440-42-8	-17.7	-0.1188	mg/L	0.00157	-9.5042	mg/kg	0.12597	1.33%
Cadmium,7440-43-9	452.3	0.0053	mg/L	0.00017	0.4210	mg/kg	0.01333	3.17%
Calcium,7440-70-2	868489.2	400.19	mg/L	2.370	32015	mg/kg	189.6	0.59%
Chromium,7440-47-3	84393.7	1.4719	mg/L	0.02381	117.75	mg/kg	1.905	1.62%
Cobalt,7440-48-4	497.2	0.0266	mg/L	0.00025	2.1263	mg/kg	0.02015	0.95%
Copper,7440-50-8	16655.9	0.1491	mg/L	0.00248	11.926	mg/kg	0.1986	1.67%
Iron,7439-89-6	191359.4	136.52	mg/L	0.864	10922	mg/kg	69.1	0.63%
Lead,7439-92-1	43459.2	7.0027	mg/L	0.11952	560.22	mg/kg	9.562	1.71%
Lithium,7439-93-2	4515.9	0.0639	mg/L	0.00144	5.1119	mg/kg	0.11517	2.25%
Magnesium,7439-95-4	10328.0	37.639	mg/L	0.1417	3011.1	mg/kg	11.33	0.38%
Manganese,7439-96-5	599324.9	2.1351	mg/L	0.02338	170.81	mg/kg	1.870	1.10%
Molybdenum,7439-98-7	98.3	0.0134	mg/L	0.00061	1.0725	mg/kg	0.04898	4.57%
Nickel,7440-02-0	2432.8	0.1156	mg/L	0.00045	9.2464	mg/kg	0.03617	0.39%

Potassium,7440-09-7	29808.9	16.086 mg/L	0.1003	1286.9 mg/kg	8.03	0.62%
Selenium,7782-49-2	-25.7	0.0021 mg/L	0.00825	0.1686 mg/kg	0.65989	391.30%
Silicon,7440-21-3	1859.3	6.6657 mg/L	0.01866	533.26 mg/kg	1.492	0.28%
Silver,7440-22-4	-1811.7	-0.0035 mg/L	0.00044	-0.2799 mg/kg	0.03550	12.68%
Sodium,7440-23-5	22861.8	7.2136 mg/L	0.03965	577.09 mg/kg	3.172	0.55%
Strontium,7440-24-6	79811.6	0.5041 mg/L	0.00157	40.332 mg/kg	0.1255	0.31%
Thallium,7440-28-0	-18.1	-0.0121 mg/L	0.00141	-0.9692 mg/kg	0.11249	11.61%
Tin,7440-31-5	-54.1	-0.0174 mg/L	0.00252	-1.3881 mg/kg	0.20143	14.51%
Titanium,7440-32-6	57978.1	0.2019 mg/L	0.00182	16.150 mg/kg	0.1454	0.90%
Vanadium,7440-62-2	9451.8	0.1467 mg/L	0.00269	11.739 mg/kg	0.2153	1.83%
Zinc,7440-66-6	289731.1	9.1450 mg/L	0.12713	731.60 mg/kg	10.171	1.39%
Zirconium,7440-67-7	7777.7	0.0381 mg/L	0.00051	3.0460 mg/kg	0.04087	1.34%

Sequence No.: 45
Sample ID: 20607200614 Zn
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 2X

Autosampler Location: 45
Date Collected: 7/26/2006 4:13:29 PM
Data Type: Reprocessed on 7/27/2006 9:00:30 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200614 Zn

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scandium-IS	2152705.7	103.96	%	0.861				0.83%
Yttrium,7440-65-5A	1182275.8	102.87	%	0.774				0.75%
Yttrium,7440-65-5R	71565.5	99.795	%	0.9252				0.93%
Ar 420.067 R	1174002.7	87.362	%	0.4432				0.51%
Ar 363.268 A	42526.1	92.998	%	0.3859				0.41%
Aluminum,7429-90-5	10176.2	27.936	mg/L	0.0337	2234.9	mg/kg	2.70	0.12%
Antimony,7440-36-0	-10.8	0.0016	mg/L	0.00971	0.1293	mg/kg	0.77652	600.57%
Arsenic,7440-38-2	53.4	0.1069	mg/L	0.00739	8.5534	mg/kg	0.59092	6.91%
Barium,7440-39-3	179237.8	3.2954	mg/L	0.01724	263.64	mg/kg	1.379	0.52%
Beryllium,7440-41-7	2356.0	0.0016	mg/L	0.00006	0.1276	mg/kg	0.00480	3.76%
Boron,7440-42-8	-394.3	-0.1549	mg/L	0.00074	-12.395	mg/kg	0.0594	0.48%
Cadmium,7440-43-9	842.0	0.0112	mg/L	0.00022	0.8926	mg/kg	0.01732	1.94%
Calcium,7440-70-2	1371572.2	631.97	mg/L	8.031	50558	mg/kg	642.5	1.27%
Chromium,7440-47-3	15578.4	0.2415	mg/L	0.00152	19.317	mg/kg	0.1218	0.63%
Cobalt,7440-48-4	445.1	0.0233	mg/L	0.00047	1.8614	mg/kg	0.03769	2.02%
Copper,7440-50-8	53861.1	0.4710	mg/L	0.00268	37.681	mg/kg	0.2143	0.57%
Iron,7439-89-6	216611.4	154.53	mg/L	1.829	12363	mg/kg	146.3	1.18%
Lead,7439-92-1	13566.9	2.2130	mg/L	0.01822	177.04	mg/kg	1.458	0.82%
Lithium,7439-93-2	2596.9	0.0354	mg/L	0.00138	2.8310	mg/kg	0.11056	3.91%
Magnesium,7439-95-4	19292.0	70.331	mg/L	0.1277	5626.5	mg/kg	10.22	0.18%
Manganese,7439-96-5	571526.5	2.0358	mg/L	0.02177	162.86	mg/kg	1.741	1.07%
Molybdenum,7439-98-7	176.5	0.0239	mg/L	0.00033	1.9119	mg/kg	0.02643	1.38%
Nickel,7440-02-0	2787.8	0.1322	mg/L	0.00154	10.574	mg/kg	0.1234	1.17%
Potassium,7440-09-7	14776.6	7.8989	mg/L	0.05818	631.91	mg/kg	4.655	0.74%
Selenium,7782-49-2	-34.8	-0.0132	mg/L	0.00849	-1.0523	mg/kg	0.67952	64.57%
Silicon,7440-21-3	2070.1	7.4215	mg/L	0.00877	593.72	mg/kg	0.701	0.12%
Silver,7440-22-4	-3100.7	-0.0108	mg/L	0.00044	-0.8625	mg/kg	0.03541	4.11%
Sodium,7440-23-5	18580.0	5.7172	mg/L	0.07808	457.38	mg/kg	6.246	1.37%
Strontium,7440-24-6	176037.0	1.1116	mg/L	0.01220	88.924	mg/kg	0.9757	1.10%
Thallium,7440-28-0	-15.5	-0.0091	mg/L	0.00609	-0.7240	mg/kg	0.48735	67.31%
Tin,7440-31-5	-45.6	-0.0108	mg/L	0.00140	-0.8657	mg/kg	0.11184	12.92%
Titanium,7440-32-6	59041.6	0.2056	mg/L	0.00152	16.444	mg/kg	0.1218	0.74%
Vanadium,7440-62-2	10247.2	0.1588	mg/L	0.00135	12.705	mg/kg	0.1083	0.85%
Zinc,7440-66-6	428375.5	13.520	mg/L	0.1289	1081.6	mg/kg	10.31	0.95%
Zirconium,7440-67-7	6009.5	0.0288	mg/L	0.00057	2.3009	mg/kg	0.04554	1.98%

Sequence No.: 46
Sample ID: 20607200616 Zn
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 2X

Autosampler Location: 46
Date Collected: 7/26/2006 4:20:37 PM
Data Type: Reprocessed on 7/27/2006 9:00:32 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607200616 Zn

Mean Corrected Calib Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Scandium-IS	2105487.5	101.68	%	0.651				0.64%
Yttrium,7440-65-5A	1169828.4	101.79	%	0.530				0.52%
Yttrium,7440-65-5R	70089.9	97.738	%	0.1463				0.15%
Ar 420.067 R	1160144.5	86.331	%	0.2013				0.23%
Ar 363.268 A	41910.4	91.651	%	0.2001				0.22%
Aluminum,7429-90-5	19115.9	52.481	mg/L	0.2598	4198.5	mg/kg	20.78	0.50%
Antimony,7440-36-0	-29.8	-0.0181	mg/L	0.00341	-1.4507	mg/kg	0.27305	18.82%
Arsenic,7440-38-2	50.1	0.1156	mg/L	0.00538	9.2519	mg/kg	0.43073	4.66%
Barium,7440-39-3	525340.9	9.6578	mg/L	0.07681	772.63	mg/kg	6.145	0.80%
Beryllium,7440-41-7	3421.7	0.0024	mg/L	0.00006	0.1940	mg/kg	0.00517	2.66%
Boron,7440-42-8	-1219.8	-0.2739	mg/L	0.00148	-21.910	mg/kg	0.1181	0.54%
Cadmium,7440-43-9	804.1	0.0094	mg/L	0.00014	0.7509	mg/kg	0.01156	1.54%
Calcium,7440-70-2	1807315.5	832.75	mg/L	3.083	66620	mg/kg	246.6	0.37%
Chromium,7440-47-3	9475.1	0.1125	mg/L	0.00173	9.0003	mg/kg	0.13865	1.54%
Cobalt,7440-48-4	310.9	0.0159	mg/L	0.00040	1.2744	mg/kg	0.03222	2.53%
Copper,7440-50-8	39555.1	0.3479	mg/L	0.00223	27.830	mg/kg	0.1786	0.64%
Iron,7439-89-6	333813.8	238.16	mg/L	0.815	19052	mg/kg	65.2	0.34%
Lead,7439-92-1	1535.5	0.3022	mg/L	0.00031	24.177	mg/kg	0.0247	0.10%
Lithium,7439-93-2	3527.2	0.0482	mg/L	0.00048	3.8568	mg/kg	0.03829	0.99%
Magnesium,7439-95-4	9358.6	34.089	mg/L	0.1868	2727.1	mg/kg	14.94	0.55%
Manganese,7439-96-5	1403808.9	5.0011	mg/L	0.03446	400.09	mg/kg	2.756	0.69%
Molybdenum,7439-98-7	41.4	0.0072	mg/L	0.00019	0.5798	mg/kg	0.01546	2.67%
Nickel,7440-02-0	2756.6	0.1298	mg/L	0.00058	10.383	mg/kg	0.0466	0.45%
Potassium,7440-09-7	35949.6	19.349	mg/L	0.0472	1548.0	mg/kg	3.77	0.24%
Selenium,7782-49-2	-62.0	-0.0288	mg/L	0.00165	-2.3055	mg/kg	0.13216	5.73%
Silicon,7440-21-3	1597.8	5.7346	mg/L	0.02811	458.77	mg/kg	2.249	0.49%
Silver,7440-22-4	-5365.3	-0.0200	mg/L	0.00049	-1.6004	mg/kg	0.03951	2.47%
Sodium,7440-23-5	11310.7	3.1702	mg/L	0.02002	253.61	mg/kg	1.601	0.63%
Strontium,7440-24-6	127242.5	0.8040	mg/L	0.00318	64.324	mg/kg	0.2546	0.40%
Thallium,7440-28-0	-41.7	-0.0334	mg/L	0.00946	-2.6724	mg/kg	0.75702	28.33%
Tin,7440-31-5	-53.2	-0.0126	mg/L	0.00327	-1.0099	mg/kg	0.26171	25.91%
Titanium,7440-32-6	46344.4	0.1612	mg/L	0.00090	12.897	mg/kg	0.0720	0.56%
Vanadium,7440-62-2	11609.8	0.1799	mg/L	0.00235	14.394	mg/kg	0.1880	1.31%
Zinc,7440-66-6	294429.0	9.2979	mg/L	0.08799	743.83	mg/kg	7.039	0.95%
Zirconium,7440-67-7	16154.7	0.0794	mg/L	0.00108	6.3510	mg/kg	0.08650	1.36%

Sequence No.: 47
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/26/2006 4:27:39 PM
Data Type: Reprocessed on 7/27/2006 9:00:39 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scandium-IS	2248383.0	108.58	%	0.897				0.83%
Yttrium,7440-65-5A	1224425.1	106.54	%	0.956				0.90%
Yttrium,7440-65-5R	70867.1	98.821	%	0.7281				0.74%
Ar 420.067 R	1187825.4	88.391	%	0.3113				0.35%
Ar 363.268 A	44907.6	98.206	%	0.1231				0.13%
Aluminum,7429-90-5	1775.8	4.8803	mg/L	0.01421	4.8803	mg/L	0.01421	0.29%
QC value within limits for Aluminum,7429-90-5 Recovery = 97.61%								
Antimony,7440-36-0	488.6	0.5260	mg/L	0.00204	0.5260	mg/L	0.00204	0.39%
QC value within limits for Antimony,7440-36-0 Recovery = 105.21%								
Arsenic,7440-38-2	304.1	0.5103	mg/L	0.00275	0.5103	mg/L	0.00275	0.54%
QC value within limits for Arsenic,7440-38-2 Recovery = 102.06%								
Barium,7440-39-3	28619.0	0.5253	mg/L	0.00146	0.5253	mg/L	0.00146	0.28%
QC value within limits for Barium,7440-39-3 Recovery = 105.06%								
Beryllium,7440-41-7	861357.0	0.5219	mg/L	0.00469	0.5219	mg/L	0.00469	0.90%
QC value within limits for Beryllium,7440-41-7 Recovery = 104.37%								
Boron,7440-42-8	45358.2	2.5877	mg/L	0.00780	2.5877	mg/L	0.00780	0.30%
QC value within limits for Boron,7440-42-8 Recovery = 103.51%								
Cadmium,7440-43-9	31394.4	0.5306	mg/L	0.00160	0.5306	mg/L	0.00160	0.30%
QC value within limits for Cadmium,7440-43-9 Recovery = 106.12%								
Calcium,7440-70-2	10471.2	4.8306	mg/L	0.03546	4.8306	mg/L	0.03546	0.73%
QC value within limits for Calcium,7440-70-2 Recovery = 96.61%								
Chromium,7440-47-3	29693.1	0.5284	mg/L	0.00158	0.5284	mg/L	0.00158	0.30%
QC value within limits for Chromium,7440-47-3 Recovery = 105.69%								

Cobalt,7440-48-4	9497.2	0.5225 mg/L	0.00076	0.5225 mg/L	0.00076	0.15%
QC value within limits for Cobalt,7440-48-4 Recovery = 104.49%						
Copper,7440-50-8	59995.3	0.5258 mg/L	0.00125	0.5258 mg/L	0.00125	0.24%
QC value within limits for Copper,7440-50-8 Recovery = 105.16%						
Iron,7439-89-6	6993.4	4.9908 mg/L	0.03894	4.9908 mg/L	0.03894	0.78%
QC value within limits for Iron,7439-89-6 Recovery = 99.82%						
Lead,7439-92-1	3249.7	0.5220 mg/L	0.00223	0.5220 mg/L	0.00223	0.43%
QC value within limits for Lead,7439-92-1 Recovery = 104.40%						
Lithium,7439-93-2	32878.7	0.4777 mg/L	0.00210	0.4777 mg/L	0.00210	0.44%
QC value within limits for Lithium,7439-93-2 Recovery = 95.54%						
Magnesium,7439-95-4	1369.3	4.9936 mg/L	0.05107	4.9936 mg/L	0.05107	1.02%
QC value within limits for Magnesium,7439-95-4 Recovery = 99.87%						
Manganese,7439-96-5	148383.2	0.5288 mg/L	0.00070	0.5288 mg/L	0.00070	0.13%
QC value within limits for Manganese,7439-96-5 Recovery = 105.76%						
Molybdenum,7439-98-7	4000.0	0.5182 mg/L	0.00154	0.5182 mg/L	0.00154	0.30%
QC value within limits for Molybdenum,7439-98-7 Recovery = 103.63%						
Nickel,7440-02-0	11332.5	0.5440 mg/L	0.00255	0.5440 mg/L	0.00255	0.47%
QC value within limits for Nickel,7440-02-0 Recovery = 108.80%						
Potassium,7440-09-7	17620.5	9.5493 mg/L	0.03359	9.5493 mg/L	0.03359	0.35%
QC value within limits for Potassium,7440-09-7 Recovery = 95.49%						
Selenium,7782-49-2	353.2	0.5215 mg/L	0.01009	0.5215 mg/L	0.01009	1.93%
QC value within limits for Selenium,7782-49-2 Recovery = 104.30%						
Silicon,7440-21-3	134.3	0.4806 mg/L	0.00714	0.4806 mg/L	0.00714	1.48%
QC value within limits for Silicon,7440-21-3 Recovery = 96.12%						
Silver,7440-22-4	79503.4	0.5199 mg/L	0.00152	0.5199 mg/L	0.00152	0.29%
QC value within limits for Silver,7440-22-4 Recovery = 103.99%						
Sodium,7440-23-5	52787.4	17.322 mg/L	0.0890	17.322 mg/L	0.0890	0.51%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 86.61%						
Strontium,7440-24-6	71814.7	0.4531 mg/L	0.00182	0.4531 mg/L	0.00182	0.40%
QC value within limits for Strontium,7440-24-6 Recovery = 90.62%						
Thallium,7440-28-0	591.0	0.5321 mg/L	0.00078	0.5321 mg/L	0.00078	0.15%
QC value within limits for Thallium,7440-28-0 Recovery = 106.42%						
Tin,7440-31-5	1440.2	0.5226 mg/L	0.00302	0.5226 mg/L	0.00302	0.58%
QC value within limits for Tin,7440-31-5 Recovery = 104.52%						
Titanium,7440-32-6	149115.5	0.5196 mg/L	0.00428	0.5196 mg/L	0.00428	0.82%
QC value within limits for Titanium,7440-32-6 Recovery = 103.93%						
Vanadium,7440-62-2	34499.5	0.5344 mg/L	0.00107	0.5344 mg/L	0.00107	0.20%
QC value within limits for Vanadium,7440-62-2 Recovery = 106.88%						
Zinc,7440-66-6	16784.3	0.5308 mg/L	0.00146	0.5308 mg/L	0.00146	0.28%
QC value within limits for Zinc,7440-66-6 Recovery = 106.15%						
Zirconium,7440-67-7	101221.2	0.5204 mg/L	0.00111	0.5204 mg/L	0.00111	0.21%
QC value within limits for Zirconium,7440-67-7 Recovery = 104.08%						

QC Failed. Continue with analysis.

Sequence No.: 48
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 4:35:26 PM
Data Type: Reprocessed on 7/27/2006 9:00:40 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2261651.5	109.22	%	0.590				0.54%
Yttrium,7440-65-5A	1254779.5	109.18	%	0.569				0.52%
Yttrium,7440-65-5R	71309.2	99.438	%	1.0544				1.06%
Ar 420.067 R	1188155.6	88.415	%	0.3122				0.35%
Ar 363.268 A	44720.4	97.796	%	0.4503				0.46%
Aluminum,7429-90-5	13.4	0.0367	mg/L	0.02035	0.0367	mg/L	0.02035	55.46%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0	3.9	0.0041	mg/L	0.00552	0.0041	mg/L	0.00552	134.47%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2	-2.5	-0.0041	mg/L	0.00873	-0.0041	mg/L	0.00873	211.03%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3	12.5	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	30.51%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7	-276.9	-0.0002	mg/L	0.00005	-0.0002	mg/L	0.00005	31.40%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8	489.2	0.0279	mg/L	0.00310	0.0279	mg/L	0.00310	11.09%

QC value within limits for Boron,7440-42-8 Recovery = Not calculated

Cadmium,7440-43-9	-3.2	-0.0001 mg/L	0.00014	-0.0001 mg/L	0.00014	270.15%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated						
Calcium,7440-70-2	-0.4	-0.0002 mg/L	0.00140	-0.0002 mg/L	0.00140	888.78%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated						
Chromium,7440-47-3	-2.4	0.0000 mg/L	0.00083	0.0000 mg/L	0.00083	>999.9%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated						
Cobalt,7440-48-4	-14.1	-0.0008 mg/L	0.00047	-0.0008 mg/L	0.00047	60.32%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated						
Copper,7440-50-8	3.0	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	317.08%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated						
Iron,7439-89-6	6.5	0.0047 mg/L	0.00322	0.0047 mg/L	0.00322	68.98%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated						
Lead,7439-92-1	8.4	0.0013 mg/L	0.00249	0.0013 mg/L	0.00249	184.58%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated						
Lithium,7439-93-2	-147.0	-0.0021 mg/L	0.00032	-0.0021 mg/L	0.00032	14.74%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated						
Magnesium,7439-95-4	12.4	0.0451 mg/L	0.05214	0.0451 mg/L	0.05214	115.49%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated						
Manganese,7439-96-5	152.5	0.0005 mg/L	0.00001	0.0005 mg/L	0.00001	2.30%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated						
Molybdenum,7439-98-7	-3.1	-0.0004 mg/L	0.00068	-0.0004 mg/L	0.00068	171.62%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated						
Nickel,7440-02-0	-13.4	-0.0006 mg/L	0.00045	-0.0006 mg/L	0.00045	70.21%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated						
Potassium,7440-09-7	388.7	0.2108 mg/L	0.02972	0.2108 mg/L	0.02972	14.10%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated						
Selenium,7782-49-2	5.2	0.0077 mg/L	0.00643	0.0077 mg/L	0.00643	83.51%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated						
Silicon,7440-21-3	-4.6	-0.0165 mg/L	0.00745	-0.0165 mg/L	0.00745	45.24%
QC value within limits for Silicon,7440-21-3 Recovery = Not calculated						
Silver,7440-22-4	181.1	0.0012 mg/L	0.00021	0.0012 mg/L	0.00021	18.41%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated						
Sodium,7440-23-5	-3712.7	-1.2212 mg/L	0.00576	-1.2212 mg/L	0.00576	0.47%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated						
Strontium,7440-24-6	-27.3	-0.0002 mg/L	0.00059	-0.0002 mg/L	0.00059	343.51%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated						
Thallium,7440-28-0	2.3	0.0021 mg/L	0.00446	0.0021 mg/L	0.00446	212.77%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated						
Tin,7440-31-5	-0.8	-0.0003 mg/L	0.00085	-0.0003 mg/L	0.00085	311.12%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated						
Titanium,7440-32-6	-43.4	-0.0002 mg/L	0.00028	-0.0002 mg/L	0.00028	187.48%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated						
Vanadium,7440-62-2	284.7	0.0044 mg/L	0.00111	0.0044 mg/L	0.00111	25.07%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated						
Zinc,7440-66-6	187.1	0.0059 mg/L	0.00048	0.0059 mg/L	0.00048	8.05%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated						
Zirconium,7440-67-7	194.9	0.0010 mg/L	0.00026	0.0010 mg/L	0.00026	26.34%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated						

All analyte(s) passed QC.

Sequence No.: 49
Sample ID: 392847
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 47
Date Collected: 7/26/2006 4:49:13 PM
Data Type: Reprocessed on 7/27/2006 9:00:42 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 392847

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2340279.2	113.02	%	1.973				1.75%
Yttrium,7440-65-5A	1294808.7	112.66	%	1.996				1.77%
Yttrium,7440-65-5R	73055.6	101.87	%	1.514				1.49%
Ar 420.067 R	1205155.2	89.680	%	0.2957				0.33%
Ar 363.268 A	44985.3	98.376	%	0.3154				0.32%
Aluminum,7429-90-5	16.1	0.0443	mg/L	0.01682	1.7727	mg/kg	0.67284	37.96%
Antimony,7440-36-0	-1.7	-0.0018	mg/L	0.00710	-0.0722	mg/kg	0.28390	393.07%
Arsenic,7440-38-2	0.2	0.0003	mg/L	0.00423	0.0130	mg/kg	0.16929	>999.9%
Barium,7440-39-3	39.6	0.0007	mg/L	0.00018	0.0289	mg/kg	0.00707	24.51%

Beryllium,7440-41-7	-379.9	-0.0002 mg/L	0.00003	-0.0092 mg/kg	0.00133	14.45%
Boron,7440-42-8	65.1	0.0037 mg/L	0.00177	0.1486 mg/kg	0.07099	47.79%
Cadmium,7440-43-9	22.7	0.0004 mg/L	0.00009	0.0154 mg/kg	0.00368	23.99%
Calcium,7440-70-2	385.6	0.1777 mg/L	0.00217	7.1075 mg/kg	0.08695	1.22%
Chromium,7440-47-3	34.4	0.0006 mg/L	0.00075	0.0246 mg/kg	0.03011	122.64%
Cobalt,7440-48-4	-11.9	-0.0007 mg/L	0.00069	-0.0261 mg/kg	0.02756	105.59%
Copper,7440-50-8	-51.4	-0.0004 mg/L	0.00044	-0.0179 mg/kg	0.01766	98.74%
Iron,7439-89-6	9.0	0.0064 mg/L	0.00288	0.2574 mg/kg	0.11526	44.78%
Lead,7439-92-1	16.8	0.0027 mg/L	0.00364	0.1080 mg/kg	0.14567	134.88%
Lithium,7439-93-2	-143.7	-0.0021 mg/L	0.00071	-0.0836 mg/kg	0.02842	34.00%
Magnesium,7439-95-4	6.5	0.0238 mg/L	0.03092	0.9518 mg/kg	1.23685	129.95%
Manganese,7439-96-5	464.0	0.0017 mg/L	0.00014	0.0661 mg/kg	0.00577	8.73%
Molybdenum,7439-98-7	-10.3	-0.0013 mg/L	0.00157	-0.0535 mg/kg	0.06261	116.96%
Nickel,7440-02-0	-13.0	-0.0006 mg/L	0.00070	-0.0250 mg/kg	0.02793	111.61%
Potassium,7440-09-7	172.8	0.0937 mg/L	0.00835	3.7461 mg/kg	0.33415	8.92%
Selenium,7782-49-2	4.4	0.0065 mg/L	0.00803	0.2590 mg/kg	0.32110	123.98%
Silicon,7440-21-3	-11.4	-0.0409 mg/L	0.01307	-1.6356 mg/kg	0.52295	31.97%
Silver,7440-22-4	333.8	0.0022 mg/L	0.00005	0.0865 mg/kg	0.00180	2.09%
Sodium,7440-23-5	-3552.2	-1.1685 mg/L	0.02112	-46.741 mg/kg	0.8449	1.81%
Strontium,7440-24-6	59.7	0.0004 mg/L	0.00030	0.0151 mg/kg	0.01214	80.53%
Thallium,7440-28-0	4.9	0.0044 mg/L	0.00190	0.1751 mg/kg	0.07612	43.49%
Tin,7440-31-5	7.9	0.0029 mg/L	0.00013	0.1142 mg/kg	0.00524	4.59%
Titanium,7440-32-6	270.3	0.0009 mg/L	0.00005	0.0377 mg/kg	0.00190	5.04%
Vanadium,7440-62-2	306.2	0.0047 mg/L	0.00086	0.1897 mg/kg	0.03447	18.17%
Zinc,7440-66-6	426.9	0.0135 mg/L	0.00030	0.5392 mg/kg	0.01214	2.25%
Zirconium,7440-67-7	133.9	0.0007 mg/L	0.00011	0.0276 mg/kg	0.00434	15.74%

Sequence No.: 50
Sample ID: 392848
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 48
Date Collected: 7/26/2006 4:56:18 PM
Data Type: Reprocessed on 7/27/2006 9:00:43 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 392848

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2267618.9	109.51	%	1.488				1.36%
Yttrium,7440-65-5A	1235805.7	107.53	%	1.231				1.15%
Yttrium,7440-65-5R	71973.8	100.36	%	0.151				0.15%
Ar 420.067 R	1201837.4	89.434	%	0.1159				0.13%
Ar 363.268 A	45380.4	99.240	%	0.2464				0.25%
Aluminum,7429-90-5	1849.0	5.0812	mg/L	0.04788	203.25	mg/kg	1.915	0.94%
Antimony,7440-36-0	503.4	0.5419	mg/L	0.00468	21.677	mg/kg	0.1873	0.86%
Arsenic,7440-38-2	319.7	0.5365	mg/L	0.00699	21.458	mg/kg	0.2797	1.30%
Barium,7440-39-3	29371.1	0.5391	mg/L	0.00509	21.563	mg/kg	0.2036	0.94%
Beryllium,7440-41-7	874400.0	0.5298	mg/L	0.00509	21.191	mg/kg	0.2037	0.96%
Boron,7440-42-8	45490.0	2.5950	mg/L	0.02218	103.80	mg/kg	0.887	0.85%
Cadmium,7440-43-9	32152.9	0.5434	mg/L	0.00583	21.737	mg/kg	0.2330	1.07%
Calcium,7440-70-2	11324.7	5.2240	mg/L	0.02214	208.96	mg/kg	0.885	0.42%
Chromium,7440-47-3	30357.8	0.5402	mg/L	0.00393	21.609	mg/kg	0.1571	0.73%
Cobalt,7440-48-4	9767.5	0.5374	mg/L	0.00396	21.494	mg/kg	0.1583	0.74%
Copper,7440-50-8	60917.5	0.5339	mg/L	0.00442	21.356	mg/kg	0.1766	0.83%
Iron,7439-89-6	7317.1	5.2217	mg/L	0.08910	208.87	mg/kg	3.564	1.71%
Lead,7439-92-1	3359.9	0.5397	mg/L	0.00365	21.588	mg/kg	0.1460	0.68%
Lithium,7439-93-2	32641.6	0.4743	mg/L	0.00358	18.971	mg/kg	0.1430	0.75%
Magnesium,7439-95-4	1410.1	5.1423	mg/L	0.09713	205.69	mg/kg	3.885	1.89%
Manganese,7439-96-5	152943.2	0.5450	mg/L	0.00511	21.801	mg/kg	0.2042	0.94%
Molybdenum,7439-98-7	4079.8	0.5285	mg/L	0.00424	21.140	mg/kg	0.1698	0.80%
Nickel,7440-02-0	11605.0	0.5571	mg/L	0.00403	22.284	mg/kg	0.1614	0.72%
Potassium,7440-09-7	18480.1	10.015	mg/L	0.0681	400.61	mg/kg	2.723	0.68%
Selenium,7782-49-2	374.5	0.5529	mg/L	0.00725	22.114	mg/kg	0.2900	1.31%
Silicon,7440-21-3	24.6	0.0876	mg/L	0.01087	3.5034	mg/kg	0.43475	12.41%
Silver,7440-22-4	81654.7	0.5341	mg/L	0.00487	21.362	mg/kg	0.1948	0.91%
Sodium,7440-23-5	54269.5	17.808	mg/L	0.1189	712.32	mg/kg	4.756	0.67%
Strontium,7440-24-6	74611.8	0.4707	mg/L	0.00330	18.830	mg/kg	0.1321	0.70%
Thallium,7440-28-0	604.1	0.5439	mg/L	0.00594	21.757	mg/kg	0.2376	1.09%
Tin,7440-31-5	1514.7	0.5496	mg/L	0.00240	21.986	mg/kg	0.0959	0.44%
Titanium,7440-32-6	151850.1	0.5292	mg/L	0.00440	21.167	mg/kg	0.1761	0.83%
Vanadium,7440-62-2	35156.5	0.5446	mg/L	0.00546	21.783	mg/kg	0.2185	1.00%

Zinc,7440-66-6	17386.8	0.5498 mg/L	0.00652	21.993 mg/kg	0.2606	1.18%
Zirconium,7440-67-7	553.6	0.0039 mg/L	0.00041	0.1555 mg/kg	0.01630	10.49%

Sequence No.: 51
Sample ID: 20607201204
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 49
Date Collected: 7/26/2006 5:03:29 PM
Data Type: Reprocessed on 7/27/2006 9:00:45 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201204

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2208317.7	106.64	%	0.528				0.50%
Yttrium,7440-65-5A	1232106.3	107.21	%	0.604				0.56%
Yttrium,7440-65-5R	72848.4	101.58	%	0.454				0.45%
Ar 420.067 R	1183458.5	88.066	%	0.2055				0.23%
Ar 363.268 A	44041.0	96.311	%	0.2867				0.30%
Aluminum,7429-90-5	8969.4	24.627	mg/L	0.1201	985.09	mg/kg	4.804	0.49%
Antimony,7440-36-0	-8.9	-0.0046	mg/L	0.00524	-0.1841	mg/kg	0.20952	113.83%
Arsenic,7440-38-2	42.4	0.0744	mg/L	0.00888	2.9779	mg/kg	0.35511	11.92%
Barium,7440-39-3	37134.3	0.6830	mg/L	0.00314	27.319	mg/kg	0.1257	0.46%
Beryllium,7440-41-7	3072.4	0.0019	mg/L	0.00001	0.0778	mg/kg	0.00044	0.57%
Boron,7440-42-8	725.9	0.0033	mg/L	0.00200	0.1326	mg/kg	0.07993	60.27%
Cadmium,7440-43-9	127.5	0.0011	mg/L	0.00006	0.0443	mg/kg	0.00244	5.51%
Calcium,7440-70-2	643829.0	296.65	mg/L	4.515	11866	mg/kg	180.6	1.52%
Chromium,7440-47-3	2787.5	0.0395	mg/L	0.00018	1.5820	mg/kg	0.00716	0.45%
Cobalt,7440-48-4	542.7	0.0297	mg/L	0.00037	1.1888	mg/kg	0.01486	1.25%
Copper,7440-50-8	1705.5	0.0153	mg/L	0.00008	0.6131	mg/kg	0.00325	0.53%
Iron,7439-89-6	65672.5	46.851	mg/L	0.1108	1874.0	mg/kg	4.43	0.24%
Lead,7439-92-1	266.0	0.0541	mg/L	0.00166	2.1624	mg/kg	0.06659	3.08%
Lithium,7439-93-2	3017.2	0.0429	mg/L	0.00089	1.7145	mg/kg	0.03569	2.08%
Magnesium,7439-95-4	6357.6	23.183	mg/L	0.0464	927.30	mg/kg	1.857	0.20%
Manganese,7439-96-5	466203.4	1.6609	mg/L	0.00985	66.436	mg/kg	0.3939	0.59%
Molybdenum,7439-98-7	-23.3	-0.0027	mg/L	0.00044	-0.1098	mg/kg	0.01752	15.96%
Nickel,7440-02-0	1106.7	0.0526	mg/L	0.00042	2.1025	mg/kg	0.01693	0.81%
Potassium,7440-09-7	11933.8	6.4196	mg/L	0.05685	256.78	mg/kg	2.274	0.89%
Selenium,7782-49-2	-0.7	0.0128	mg/L	0.00662	0.5105	mg/kg	0.26463	51.83%
Silicon,7440-21-3	625.7	2.2431	mg/L	0.00485	89.723	mg/kg	0.1939	0.22%
Silver,7440-22-4	-411.3	-0.0003	mg/L	0.00033	-0.0129	mg/kg	0.01334	103.51%
Sodium,7440-23-5	685.7	0.0475	mg/L	0.02320	1.9017	mg/kg	0.92783	48.79%
Strontium,7440-24-6	70050.3	0.4424	mg/L	0.00186	17.696	mg/kg	0.0745	0.42%
Thallium,7440-28-0	-14.9	-0.0108	mg/L	0.00555	-0.4302	mg/kg	0.22214	51.64%
Tin,7440-31-5	-57.4	-0.0181	mg/L	0.00249	-0.7243	mg/kg	0.09961	13.75%
Titanium,7440-32-6	81947.8	0.2855	mg/L	0.00259	11.421	mg/kg	0.1038	0.91%
Vanadium,7440-62-2	6800.0	0.1053	mg/L	0.00097	4.2107	mg/kg	0.03870	0.92%
Zinc,7440-66-6	4761.9	0.1535	mg/L	0.00091	6.1419	mg/kg	0.03634	0.59%
Zirconium,7440-67-7	4407.7	0.0225	mg/L	0.00030	0.9005	mg/kg	0.01186	1.32%

Sequence No.: 52
Sample ID: 20607201205
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 50
Date Collected: 7/26/2006 5:10:40 PM
Data Type: Reprocessed on 7/27/2006 9:00:46 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201205

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2213545.1	106.90	%	0.409				0.38%
Yttrium,7440-65-5A	1225951.3	106.67	%	0.519				0.49%
Yttrium,7440-65-5R	72682.7	101.35	%	0.426				0.42%
Ar 420.067 R	1186214.8	88.271	%	0.0452				0.05%
Ar 363.268 A	44090.3	96.418	%	0.2994				0.31%
Aluminum,7429-90-5	14962.6	41.088	mg/L	0.2144	1643.5	mg/kg	8.58	0.52%
Antimony,7440-36-0	189.6	0.2153	mg/L	0.00650	8.6133	mg/kg	0.26011	3.02%
Arsenic,7440-38-2	349.6	0.5918	mg/L	0.00244	23.674	mg/kg	0.0977	0.41%
Barium,7440-39-3	66700.5	1.2256	mg/L	0.00544	49.025	mg/kg	0.2177	0.44%

Beryllium,7440-41-7	900414.3	0.5456 mg/L	0.00274	21.825 mg/kg	0.1094	0.50%
Boron,7440-42-8	44884.1	2.5222 mg/L	0.01811	100.89 mg/kg	0.725	0.72%
Cadmium,7440-43-9	31751.0	0.5357 mg/L	0.00205	21.427 mg/kg	0.0820	0.38%
Calcium,7440-70-2	590736.0	272.19 mg/L	2.333	10888 mg/kg	93.3	0.86%
Chromium,7440-47-3	33291.5	0.5826 mg/L	0.00370	23.304 mg/kg	0.1479	0.63%
Cobalt,7440-48-4	9972.7	0.5485 mg/L	0.00118	21.939 mg/kg	0.0471	0.21%
Copper,7440-50-8	62764.8	0.5506 mg/L	0.00243	22.023 mg/kg	0.0972	0.44%
Iron,7439-89-6	72469.8	51.702 mg/L	0.4211	2068.1 mg/kg	16.84	0.81%
Lead,7439-92-1	3515.8	0.5757 mg/L	0.00167	23.028 mg/kg	0.0668	0.29%
Lithium,7439-93-2	36145.6	0.5243 mg/L	0.00567	20.970 mg/kg	0.2268	1.08%
Magnesium,7439-95-4	8206.0	29.923 mg/L	0.1874	1196.9 mg/kg	7.49	0.63%
Manganese,7439-96-5	602729.3	2.1474 mg/L	0.00951	85.898 mg/kg	0.3804	0.44%
Molybdenum,7439-98-7	3883.7	0.5032 mg/L	0.00231	20.127 mg/kg	0.0925	0.46%
Nickel,7440-02-0	12445.8	0.5969 mg/L	0.00390	23.877 mg/kg	0.1560	0.65%
Potassium,7440-09-7	34122.2	18.449 mg/L	0.1122	737.95 mg/kg	4.486	0.61%
Selenium,7782-49-2	363.9	0.5533 mg/L	0.00447	22.134 mg/kg	0.1789	0.81%
Silicon,7440-21-3	881.0	3.1568 mg/L	0.01729	126.27 mg/kg	0.692	0.55%
Silver,7440-22-4	81905.4	0.5382 mg/L	0.00196	21.528 mg/kg	0.0784	0.36%
Sodium,7440-23-5	60803.4	19.786 mg/L	0.1319	791.44 mg/kg	5.277	0.67%
Strontium,7440-24-6	135800.5	0.8572 mg/L	0.00741	34.288 mg/kg	0.2964	0.86%
Thallium,7440-28-0	575.6	0.5207 mg/L	0.00261	20.827 mg/kg	0.1045	0.50%
Tin,7440-31-5	1352.2	0.4926 mg/L	0.00071	19.706 mg/kg	0.0283	0.14%
Titanium,7440-32-6	214913.9	0.7489 mg/L	0.00230	29.956 mg/kg	0.0920	0.31%
Vanadium,7440-62-2	40950.8	0.6343 mg/L	0.00328	25.371 mg/kg	0.1310	0.52%
Zinc,7440-66-6	23698.5	0.7520 mg/L	0.00444	30.080 mg/kg	0.1778	0.59%
Zirconium,7440-67-7	6255.0	0.0329 mg/L	0.00078	1.3157 mg/kg	0.03121	2.37%

Sequence No.: 53
Sample ID: 20607201206
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 51
Date Collected: 7/26/2006 5:17:46 PM
Data Type: Reprocessed on 7/27/2006 9:00:47 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201206

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2214011.5	106.92	%	0.551				0.52%
Yttrium,7440-65-5A	1227074.2	106.77	%	0.612				0.57%
Yttrium,7440-65-5R	73566.1	102.59	%	0.322				0.31%
Ar 420.067 R	1185963.9	88.252	%	0.1063				0.12%
Ar 363.268 A	44061.8	96.356	%	0.1696				0.18%
Aluminum,7429-90-5	15579.8	42.782	mg/L	0.1499	1711.3	mg/kg	5.99	0.35%
Antimony,7440-36-0	201.0	0.2272	mg/L	0.00147	9.0871	mg/kg	0.05883	0.65%
Arsenic,7440-38-2	344.0	0.5832	mg/L	0.00459	23.329	mg/kg	0.1836	0.79%
Barium,7440-39-3	56219.9	1.0329	mg/L	0.03115	41.318	mg/kg	1.2460	3.02%
Beryllium,7440-41-7	870621.5	0.5276	mg/L	0.00194	21.102	mg/kg	0.0777	0.37%
Boron,7440-42-8	44034.5	2.4715	mg/L	0.06779	98.861	mg/kg	2.7115	2.74%
Cadmium,7440-43-9	31126.7	0.5251	mg/L	0.01592	21.005	mg/kg	0.6370	3.03%
Calcium,7440-70-2	573555.5	264.28	mg/L	0.336	10571	mg/kg	13.4	0.13%
Chromium,7440-47-3	32888.5	0.5748	mg/L	0.02272	22.993	mg/kg	0.9089	3.95%
Cobalt,7440-48-4	9669.2	0.5318	mg/L	0.00043	21.270	mg/kg	0.0172	0.08%
Copper,7440-50-8	61858.1	0.5426	mg/L	0.01800	21.706	mg/kg	0.7199	3.32%
Iron,7439-89-6	75595.4	53.932	mg/L	0.1156	2157.3	mg/kg	4.63	0.21%
Lead,7439-92-1	3451.0	0.5657	mg/L	0.00198	22.629	mg/kg	0.0791	0.35%
Lithium,7439-93-2	35199.6	0.5105	mg/L	0.00041	20.421	mg/kg	0.0163	0.08%
Magnesium,7439-95-4	8164.9	29.772	mg/L	0.0668	1190.9	mg/kg	2.67	0.22%
Manganese,7439-96-5	586771.3	2.0906	mg/L	0.00762	83.624	mg/kg	0.3046	0.36%
Molybdenum,7439-98-7	3761.8	0.4874	mg/L	0.00108	19.495	mg/kg	0.0432	0.22%
Nickel,7440-02-0	12289.2	0.5894	mg/L	0.01891	23.577	mg/kg	0.7563	3.21%
Potassium,7440-09-7	34039.0	18.405	mg/L	0.0437	736.18	mg/kg	1.749	0.24%
Selenium,7782-49-2	359.7	0.5481	mg/L	0.00616	21.922	mg/kg	0.2466	1.12%
Silicon,7440-21-3	853.8	3.0598	mg/L	0.01404	122.39	mg/kg	0.562	0.46%
Silver,7440-22-4	80105.0	0.5265	mg/L	0.01394	21.061	mg/kg	0.5575	2.65%
Sodium,7440-23-5	59665.3	19.413	mg/L	0.0217	776.53	mg/kg	0.870	0.11%
Strontium,7440-24-6	132939.2	0.8391	mg/L	0.00055	33.565	mg/kg	0.0221	0.07%
Thallium,7440-28-0	558.7	0.5058	mg/L	0.00897	20.230	mg/kg	0.3589	1.77%
Tin,7440-31-5	1320.5	0.4810	mg/L	0.00215	19.238	mg/kg	0.0858	0.45%
Titanium,7440-32-6	215850.2	0.7521	mg/L	0.00336	30.086	mg/kg	0.1344	0.45%
Vanadium,7440-62-2	40827.3	0.6324	mg/L	0.02256	25.294	mg/kg	0.9025	3.57%

Zinc,7440-66-6	26053.6	0.8263	mg/L	0.02410	33.050	mg/kg	0.9640	2.92%
Zirconium,7440-67-7	6017.8	0.0316	mg/L	0.00109	1.2659	mg/kg	0.04372	3.45%

Sequence No.: 54
Sample ID: 394204
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 52
Date Collected: 7/26/2006 5:24:53 PM
Data Type: Reprocessed on 7/27/2006 9:00:49 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 394204

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2211797.3	106.81	%	0.432				0.40%
Yttrium,7440-65-5A	1233137.5	107.30	%	0.385				0.36%
Yttrium,7440-65-5R	73095.7	101.93	%	0.616				0.60%
Ar 420.067 R	1182558.2	87.999	%	0.0737				0.08%
Ar 363.268 A	44016.0	96.256	%	0.1868				0.19%
Aluminum,7429-90-5	10589.0	29.079	mg/L	0.1636	1163.1	mg/kg	6.54	0.56%
Antimony,7440-36-0	478.1	0.5192	mg/L	0.01022	20.769	mg/kg	0.4087	1.97%
Arsenic,7440-38-2	346.7	0.5853	mg/L	0.00197	23.411	mg/kg	0.0789	0.34%
Barium,7440-39-3	64900.9	1.1926	mg/L	0.01592	47.704	mg/kg	0.6369	1.34%
Beryllium,7440-41-7	847323.5	0.5134	mg/L	0.00163	20.538	mg/kg	0.0653	0.32%
Boron,7440-42-8	46788.5	2.6313	mg/L	0.04811	105.25	mg/kg	1.924	1.83%
Cadmium,7440-43-9	29927.1	0.5048	mg/L	0.00793	20.190	mg/kg	0.3172	1.57%
Calcium,7440-70-2	640365.6	295.06	mg/L	1.105	11802	mg/kg	44.2	0.37%
Chromium,7440-47-3	31124.9	0.5438	mg/L	0.00832	21.753	mg/kg	0.3328	1.53%
Cobalt,7440-48-4	9531.1	0.5242	mg/L	0.00278	20.968	mg/kg	0.1112	0.53%
Copper,7440-50-8	59251.4	0.5197	mg/L	0.00733	20.787	mg/kg	0.2934	1.41%
Iron,7439-89-6	72288.9	51.573	mg/L	0.2289	2062.9	mg/kg	9.16	0.44%
Lead,7439-92-1	3375.8	0.5535	mg/L	0.00474	22.141	mg/kg	0.1894	0.86%
Lithium,7439-93-2	33914.9	0.4918	mg/L	0.00175	19.673	mg/kg	0.0700	0.36%
Magnesium,7439-95-4	7565.3	27.587	mg/L	0.1668	1103.5	mg/kg	6.67	0.60%
Manganese,7439-96-5	598469.8	2.1322	mg/L	0.00787	85.290	mg/kg	0.3148	0.37%
Molybdenum,7439-98-7	3875.8	0.5023	mg/L	0.00096	20.094	mg/kg	0.0383	0.19%
Nickel,7440-02-0	11701.2	0.5612	mg/L	0.01050	22.447	mg/kg	0.4200	1.87%
Potassium,7440-09-7	30609.0	16.542	mg/L	0.0096	661.68	mg/kg	0.385	0.06%
Selenium,7782-49-2	359.9	0.5450	mg/L	0.00989	21.799	mg/kg	0.3955	1.81%
Silicon,7440-21-3	1596.5	5.7198	mg/L	0.04958	228.79	mg/kg	1.983	0.87%
Silver,7440-22-4	77406.1	0.5087	mg/L	0.00721	20.347	mg/kg	0.2885	1.42%
Sodium,7440-23-5	58391.2	18.991	mg/L	0.0666	759.65	mg/kg	2.662	0.35%
Strontium,7440-24-6	139172.6	0.8785	mg/L	0.00459	35.140	mg/kg	0.1838	0.52%
Thallium,7440-28-0	541.9	0.4907	mg/L	0.00452	19.628	mg/kg	0.1808	0.92%
Tin,7440-31-5	1337.7	0.4881	mg/L	0.00287	19.523	mg/kg	0.1149	0.59%
Titanium,7440-32-6	228991.2	0.7979	mg/L	0.00273	31.918	mg/kg	0.1090	0.34%
Vanadium,7440-62-2	39827.3	0.6169	mg/L	0.00824	24.674	mg/kg	0.3294	1.34%
Zinc,7440-66-6	20552.1	0.6528	mg/L	0.01336	26.113	mg/kg	0.5343	2.05%
Zirconium,7440-67-7	4991.1	0.0265	mg/L	0.00035	1.0611	mg/kg	0.01415	1.33%

Sequence No.: 55
Sample ID: 394205
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 5X

Autosampler Location: 53
Date Collected: 7/26/2006 5:31:56 PM
Data Type: Reprocessed on 7/27/2006 9:00:50 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 394205

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2271487.6	109.69	%	0.842				0.77%
Yttrium,7440-65-5A	1250387.5	108.80	%	0.833				0.77%
Yttrium,7440-65-5R	72958.9	101.74	%	0.261				0.26%
Ar 420.067 R	1187052.7	88.333	%	0.1096				0.12%
Ar 363.268 A	44797.8	97.966	%	0.2895				0.30%
Aluminum,7429-90-5	1884.5	5.1743	mg/L	0.03150	1034.9	mg/kg	6.30	0.61%
Antimony,7440-36-0	-0.7	0.0003	mg/L	0.00389	0.0586	mg/kg	0.77842	>999.9%
Arsenic,7440-38-2	10.6	0.0185	mg/L	0.00783	3.6902	mg/kg	1.56645	42.45%
Barium,7440-39-3	7680.1	0.1412	mg/L	0.00055	28.249	mg/kg	0.1110	0.39%

Beryllium,7440-41-7	362.0	0.0002 mg/L	0.00001	0.0470 mg/kg	0.00198	4.23%
Boron,7440-42-8	898.4	0.0434 mg/L	0.00352	8.6748 mg/kg	0.70439	8.12%
Cadmium,7440-43-9	28.8	0.0003 mg/L	0.00015	0.0537 mg/kg	0.02971	55.29%
Calcium,7440-70-2	132467.7	61.035 mg/L	0.1802	12207 mg/kg	36.0	0.30%
Chromium,7440-47-3	581.3	0.0083 mg/L	0.00016	1.6520 mg/kg	0.03165	1.92%
Cobalt,7440-48-4	96.4	0.0053 mg/L	0.00058	1.0547 mg/kg	0.11678	11.07%
Copper,7440-50-8	298.5	0.0027 mg/L	0.00075	0.5398 mg/kg	0.14951	27.70%
Iron,7439-89-6	13674.4	9.7554 mg/L	0.06202	1951.1 mg/kg	12.40	0.64%
Lead,7439-92-1	67.7	0.0132 mg/L	0.00240	2.6464 mg/kg	0.47981	18.13%
Lithium,7439-93-2	536.1	0.0076 mg/L	0.00048	1.5168 mg/kg	0.09642	6.36%
Magnesium,7439-95-4	1372.0	5.0031 mg/L	0.02237	1000.6 mg/kg	4.47	0.45%
Manganese,7439-96-5	98736.2	0.3518 mg/L	0.00411	70.351 mg/kg	0.8226	1.17%
Molybdenum,7439-98-7	-5.2	-0.0006 mg/L	0.00043	-0.1241 mg/kg	0.08563	68.99%
Nickel,7440-02-0	237.6	0.0113 mg/L	0.00033	2.2582 mg/kg	0.06513	2.88%
Potassium,7440-09-7	2594.6	1.3963 mg/L	0.03762	279.25 mg/kg	7.524	2.69%
Selenium,7782-49-2	2.0	0.0058 mg/L	0.00447	1.1650 mg/kg	0.89485	76.81%
Silicon,7440-21-3	189.0	0.6773 mg/L	0.01333	135.47 mg/kg	2.665	1.97%
Silver,7440-22-4	278.5	0.0023 mg/L	0.00024	0.4611 mg/kg	0.04766	10.34%
Sodium,7440-23-5	-2710.6	-0.9286 mg/L	0.02331	-185.73 mg/kg	4.663	2.51%
Strontium,7440-24-6	14360.3	0.0907 mg/L	0.00084	18.138 mg/kg	0.1672	0.92%
Thallium,7440-28-0	-4.3	-0.0033 mg/L	0.00252	-0.6543 mg/kg	0.50432	77.08%
Tin,7440-31-5	-21.7	-0.0073 mg/L	0.00240	-1.4643 mg/kg	0.48051	32.81%
Titanium,7440-32-6	17697.2	0.0617 mg/L	0.00079	12.332 mg/kg	0.1581	1.28%
Vanadium,7440-62-2	1629.2	0.0252 mg/L	0.00085	5.0444 mg/kg	0.17089	3.39%
Zinc,7440-66-6	883.0	0.0286 mg/L	0.00028	5.7104 mg/kg	0.05508	0.96%
Zirconium,7440-67-7	861.7	0.0044 mg/L	0.00018	0.8810 mg/kg	0.03591	4.08%

Sequence No.: 56
Sample ID: 20607201201
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 54
Date Collected: 7/26/2006 5:39:11 PM
Data Type: Reprocessed on 7/27/2006 9:00:52 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201201

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2182918.8	105.42	%	0.870				0.83%
Yttrium,7440-65-5A	1249945.1	108.76	%	0.814				0.75%
Yttrium,7440-65-5R	74958.9	104.53	%	0.724				0.69%
Ar 420.067 R	1158797.3	86.231	%	0.1329				0.15%
Ar 363.268 A	42018.5	91.888	%	0.1851				0.20%
Aluminum,7429-90-5	59299.6	162.82	mg/L	0.515	6512.8	mg/kg	20.62	0.32%
Antimony,7440-36-0	-27.1	-0.0103	mg/L	0.00585	-0.4135	mg/kg	0.23405	56.60%
Arsenic,7440-38-2	67.4	0.1649	mg/L	0.00584	6.5975	mg/kg	0.23346	3.54%
Barium,7440-39-3	170450.0	3.1334	mg/L	0.02391	125.34	mg/kg	0.956	0.76%
Beryllium,7440-41-7	21686.2	0.0131	mg/L	0.00009	0.5251	mg/kg	0.00358	0.68%
Boron,7440-42-8	277.0	-0.2061	mg/L	0.00676	-8.2459	mg/kg	0.27049	3.28%
Cadmium,7440-43-9	708.2	0.0082	mg/L	0.00020	0.3281	mg/kg	0.00815	2.48%
Calcium,7440-70-2	1229237.2	566.43	mg/L	2.494	22657	mg/kg	99.7	0.44%
Chromium,7440-47-3	19863.5	0.2968	mg/L	0.00322	11.873	mg/kg	0.1288	1.08%
Cobalt,7440-48-4	1961.7	0.1069	mg/L	0.00018	4.2744	mg/kg	0.00719	0.17%
Copper,7440-50-8	23417.0	0.2075	mg/L	0.00149	8.2980	mg/kg	0.05973	0.72%
Iron,7439-89-6	359201.9	256.27	mg/L	1.140	10251	mg/kg	45.6	0.44%
Lead,7439-92-1	1773.2	0.3412	mg/L	0.00071	13.650	mg/kg	0.0282	0.21%
Lithium,7439-93-2	17164.4	0.2461	mg/L	0.00108	9.8447	mg/kg	0.04334	0.44%
Magnesium,7439-95-4	36530.3	133.17	mg/L	0.412	5326.9	mg/kg	16.49	0.31%
Manganese,7439-96-5	1507836.3	5.3715	mg/L	0.02738	214.86	mg/kg	1.095	0.51%
Molybdenum,7439-98-7	-29.9	-0.0035	mg/L	0.00105	-0.1408	mg/kg	0.04219	29.97%
Nickel,7440-02-0	6092.0	0.2904	mg/L	0.00510	11.615	mg/kg	0.2039	1.76%
Potassium,7440-09-7	83475.8	45.125	mg/L	0.2410	1805.0	mg/kg	9.64	0.53%
Selenium,7782-49-2	-62.8	-0.0028	mg/L	0.00594	-0.1106	mg/kg	0.23743	214.75%
Silicon,7440-21-3	857.7	3.0813	mg/L	0.00927	123.25	mg/kg	0.371	0.30%
Silver,7440-22-4	-6705.0	-0.0293	mg/L	0.00076	-1.1712	mg/kg	0.03060	2.61%
Sodium,7440-23-5	189972.7	61.900	mg/L	0.2620	2476.0	mg/kg	10.48	0.42%
Strontium,7440-24-6	167808.5	1.0596	mg/L	0.00245	42.384	mg/kg	0.0979	0.23%
Thallium,7440-28-0	-66.1	-0.0496	mg/L	0.00233	-1.9834	mg/kg	0.09338	4.71%
Tin,7440-31-5	-39.3	-0.0143	mg/L	0.00538	-0.5732	mg/kg	0.21523	37.55%
Titanium,7440-32-6	105431.0	0.3671	mg/L	0.00206	14.685	mg/kg	0.0825	0.56%
Vanadium,7440-62-2	24895.6	0.3857	mg/L	0.00601	15.427	mg/kg	0.2405	1.56%

Zinc,7440-66-6	42035.4	1.3357	mg/L	0.00866	53.428	mg/kg	0.3464	0.65%
Zirconium,7440-67-7	23983.1	0.1197	mg/L	0.00056	4.7892	mg/kg	0.02238	0.47%

Sequence No.: 57
Sample ID: 20607201202
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 55
Date Collected: 7/26/2006 5:46:14 PM
Data Type: Reprocessed on 7/27/2006 9:00:53 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201202

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2155682.8	104.10	%	0.544				0.52%
Yttrium,7440-65-5A	1228247.8	106.87	%	0.536				0.50%
Yttrium,7440-65-5R	73907.4	103.06	%	0.642				0.62%
Ar 420.067 R	1145602.0	85.249	%	0.0566				0.07%
Ar 363.268 A	41867.9	91.558	%	0.4461				0.49%
Aluminum,7429-90-5	55256.5	151.72	mg/L	0.694	6068.8	mg/kg	27.76	0.46%
Antimony,7440-36-0	-31.5	-0.0152	mg/L	0.00041	-0.6099	mg/kg	0.01624	2.66%
Arsenic,7440-38-2	64.8	0.1559	mg/L	0.00512	6.2346	mg/kg	0.20472	3.28%
Barium,7440-39-3	120840.5	2.2220	mg/L	0.01346	88.878	mg/kg	0.5385	0.61%
Beryllium,7440-41-7	18513.0	0.0114	mg/L	0.00005	0.4558	mg/kg	0.00206	0.45%
Boron,7440-42-8	170.6	-0.2148	mg/L	0.00535	-8.5916	mg/kg	0.21405	2.49%
Cadmium,7440-43-9	675.3	0.0070	mg/L	0.00013	0.2801	mg/kg	0.00527	1.88%
Calcium,7440-70-2	1616528.1	744.87	mg/L	3.056	29795	mg/kg	122.3	0.41%
Chromium,7440-47-3	14945.0	0.2082	mg/L	0.00187	8.3296	mg/kg	0.07461	0.90%
Cobalt,7440-48-4	1971.4	0.1072	mg/L	0.00058	4.2888	mg/kg	0.02307	0.54%
Copper,7440-50-8	38854.8	0.3430	mg/L	0.00233	13.718	mg/kg	0.0931	0.68%
Iron,7439-89-6	368395.1	262.83	mg/L	1.171	10513	mg/kg	46.8	0.45%
Lead,7439-92-1	1449.5	0.2918	mg/L	0.00158	11.673	mg/kg	0.0630	0.54%
Lithium,7439-93-2	15192.6	0.2171	mg/L	0.00134	8.6823	mg/kg	0.05342	0.62%
Magnesium,7439-95-4	32944.7	120.10	mg/L	0.944	4804.1	mg/kg	37.77	0.79%
Manganese,7439-96-5	2086515.1	7.4332	mg/L	0.04007	297.33	mg/kg	1.603	0.54%
Molybdenum,7439-98-7	44.1	0.0066	mg/L	0.00086	0.2646	mg/kg	0.03432	12.97%
Nickel,7440-02-0	6060.7	0.2884	mg/L	0.00356	11.537	mg/kg	0.1425	1.24%
Potassium,7440-09-7	82127.4	44.371	mg/L	0.0141	1774.8	mg/kg	0.56	0.03%
Selenium,7782-49-2	-64.0	-0.0062	mg/L	0.00318	-0.2466	mg/kg	0.12714	51.57%
Silicon,7440-21-3	905.0	3.2512	mg/L	0.02887	130.05	mg/kg	1.155	0.89%
Silver,7440-22-4	-6319.7	-0.0259	mg/L	0.00068	-1.0368	mg/kg	0.02704	2.61%
Sodium,7440-23-5	199197.9	64.852	mg/L	0.2325	2594.1	mg/kg	9.30	0.36%
Strontium,7440-24-6	213209.2	1.3463	mg/L	0.00828	53.853	mg/kg	0.3311	0.61%
Thallium,7440-28-0	-79.9	-0.0635	mg/L	0.00107	-2.5414	mg/kg	0.04298	1.69%
Tin,7440-31-5	-32.9	-0.0094	mg/L	0.00441	-0.3748	mg/kg	0.17655	47.10%
Titanium,7440-32-6	101682.4	0.3540	mg/L	0.00259	14.162	mg/kg	0.1036	0.73%
Vanadium,7440-62-2	21449.0	0.3321	mg/L	0.00391	13.285	mg/kg	0.1564	1.18%
Zinc,7440-66-6	50911.9	1.6170	mg/L	0.01393	64.680	mg/kg	0.5572	0.86%
Zirconium,7440-67-7	21985.1	0.1093	mg/L	0.00086	4.3738	mg/kg	0.03434	0.79%

Sequence No.: 58
Sample ID: 20607201203
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 56
Date Collected: 7/26/2006 5:53:10 PM
Data Type: Reprocessed on 7/27/2006 9:00:54 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201203

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2246722.9	108.50	%	0.652				0.60%
Yttrium,7440-65-5A	1239679.9	107.87	%	0.589				0.55%
Yttrium,7440-65-5R	71660.9	99.928	%	1.0521				1.05%
Ar 420.067 R	1160807.7	86.380	%	0.0944				0.11%
Ar 363.268 A	40377.3	88.299	%	0.1892				0.21%
Aluminum,7429-90-5	9982.5	27.389	mg/L	0.1418	1095.6	mg/kg	5.67	0.52%
Antimony,7440-36-0	-106.6	-0.0940	mg/L	0.00615	-3.7616	mg/kg	0.24619	6.54%
Arsenic,7440-38-2	57.5	0.2659	mg/L	0.01058	10.638	mg/kg	0.4231	3.98%
Barium,7440-39-3	96829.9	1.7787	mg/L	0.00632	71.149	mg/kg	0.2527	0.36%

Beryllium,7440-41-7	2242.8	-0.0002	mg/L	0.00001	-0.0070	mg/kg	0.00045	6.44%
Boron,7440-42-8	-5347.7	-1.0110	mg/L	0.00356	-40.441	mg/kg	0.1425	0.35%
Cadmium,7440-43-9	2294.3	0.0296	mg/L	0.00021	1.1852	mg/kg	0.00859	0.72%
Calcium,7440-70-2	298639.7	137.78	mg/L	0.989	5511.4	mg/kg	39.58	0.72%
Chromium,7440-47-3	39672.5	0.5114	mg/L	0.00429	20.457	mg/kg	0.1717	0.84%
Cobalt,7440-48-4	1414.5	0.0747	mg/L	0.00050	2.9863	mg/kg	0.02015	0.67%
Copper,7440-50-8	85370.9	0.7541	mg/L	0.00227	30.166	mg/kg	0.0909	0.30%
Iron,7439-89-6	1101176.3	785.67	mg/L	4.104	31427	mg/kg	164.1	0.52%
Lead,7439-92-1	19094.5	3.2367	mg/L	0.01538	129.47	mg/kg	0.615	0.48%
Lithium,7439-93-2	2282.8	0.0287	mg/L	0.00043	1.1472	mg/kg	0.01734	1.51%
Magnesium,7439-95-4	4901.3	17.656	mg/L	0.1598	706.23	mg/kg	6.392	0.91%
Manganese,7439-96-5	1749751.7	6.2329	mg/L	0.04331	249.32	mg/kg	1.732	0.69%
Molybdenum,7439-98-7	597.7	0.0843	mg/L	0.00190	3.3730	mg/kg	0.07606	2.25%
Nickel,7440-02-0	7414.5	0.3511	mg/L	0.00609	14.044	mg/kg	0.2437	1.73%
Potassium,7440-09-7	13070.7	6.9907	mg/L	0.07255	279.63	mg/kg	2.902	1.04%
Selenium,7782-49-2	-249.6	-0.1655	mg/L	0.01087	-6.6202	mg/kg	0.43473	6.57%
Silicon,7440-21-3	828.6	3.0045	mg/L	0.03303	120.18	mg/kg	1.321	1.10%
Silver,7440-22-4	-24682.1	-0.1087	mg/L	0.00179	-4.3484	mg/kg	0.07145	1.64%
Sodium,7440-23-5	226.5	-0.6652	mg/L	0.00504	-26.608	mg/kg	0.2014	0.76%
Strontium,7440-24-6	76528.0	0.4831	mg/L	0.00237	19.325	mg/kg	0.0950	0.49%
Thallium,7440-28-0	-50.3	-0.0278	mg/L	0.00439	-1.1127	mg/kg	0.17547	15.77%
Tin,7440-31-5	58.9	0.0142	mg/L	0.00065	0.5689	mg/kg	0.02609	4.59%
Titanium,7440-32-6	95498.8	0.3318	mg/L	0.00786	13.273	mg/kg	0.3142	2.37%
Vanadium,7440-62-2	16280.3	0.2533	mg/L	0.00367	10.133	mg/kg	0.1470	1.45%
Zinc,7440-66-6	358896.7	11.334	mg/L	0.1101	453.35	mg/kg	4.403	0.97%
Zirconium,7440-67-7	9852.5	0.0385	mg/L	0.00049	1.5412	mg/kg	0.01975	1.28%

Sequence No.: 59
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/26/2006 6:00:09 PM
Data Type: Reprocessed on 7/27/2006 9:00:56 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2271783.9	109.71	%	0.585				0.53%
Yttrium,7440-65-5A	1238048.9	107.73	%	0.754				0.70%
Yttrium,7440-65-5R	70747.0	98.654	%	0.5140				0.52%
Ar 420.067 R	1161237.9	86.412	%	0.2684				0.31%
Ar 363.268 A	45194.3	98.833	%	0.4345				0.44%
Aluminum,7429-90-5	1781.8	4.8968	mg/L	0.03395	4.8968	mg/L	0.03395	0.69%
QC value within limits for Aluminum,7429-90-5 Recovery = 97.94%								
Antimony,7440-36-0	489.0	0.5265	mg/L	0.00889	0.5265	mg/L	0.00889	1.69%
QC value within limits for Antimony,7440-36-0 Recovery = 105.29%								
Arsenic,7440-38-2	306.9	0.5150	mg/L	0.00460	0.5150	mg/L	0.00460	0.89%
QC value within limits for Arsenic,7440-38-2 Recovery = 102.99%								
Barium,7440-39-3	28589.0	0.5247	mg/L	0.00748	0.5247	mg/L	0.00748	1.43%
QC value within limits for Barium,7440-39-3 Recovery = 104.95%								
Beryllium,7440-41-7	856414.7	0.5189	mg/L	0.00264	0.5189	mg/L	0.00264	0.51%
QC value within limits for Beryllium,7440-41-7 Recovery = 103.77%								
Boron,7440-42-8	45512.6	2.5964	mg/L	0.05033	2.5964	mg/L	0.05033	1.94%
QC value within limits for Boron,7440-42-8 Recovery = 103.86%								
Cadmium,7440-43-9	31290.8	0.5288	mg/L	0.01021	0.5288	mg/L	0.01021	1.93%
QC value within limits for Cadmium,7440-43-9 Recovery = 105.77%								
Calcium,7440-70-2	10532.9	4.8591	mg/L	0.01822	4.8591	mg/L	0.01822	0.37%
QC value within limits for Calcium,7440-70-2 Recovery = 97.18%								
Chromium,7440-47-3	29749.9	0.5294	mg/L	0.00900	0.5294	mg/L	0.00900	1.70%
QC value within limits for Chromium,7440-47-3 Recovery = 105.88%								
Cobalt,7440-48-4	9441.3	0.5194	mg/L	0.00464	0.5194	mg/L	0.00464	0.89%
QC value within limits for Cobalt,7440-48-4 Recovery = 103.88%								
Copper,7440-50-8	60016.0	0.5260	mg/L	0.00838	0.5260	mg/L	0.00838	1.59%
QC value within limits for Copper,7440-50-8 Recovery = 105.20%								
Iron,7439-89-6	7101.0	5.0675	mg/L	0.03335	5.0675	mg/L	0.03335	0.66%
QC value within limits for Iron,7439-89-6 Recovery = 101.35%								
Lead,7439-92-1	3244.4	0.5211	mg/L	0.00561	0.5211	mg/L	0.00561	1.08%
QC value within limits for Lead,7439-92-1 Recovery = 104.23%								
Lithium,7439-93-2	32075.8	0.4661	mg/L	0.00462	0.4661	mg/L	0.00462	0.99%
QC value within limits for Lithium,7439-93-2 Recovery = 93.21%								

Magnesium,7439-95-4 1349.0 4.9195 mg/L 0.06317 4.9195 mg/L 0.06317 1.28%
QC value within limits for Magnesium,7439-95-4 Recovery = 98.39%
Manganese,7439-96-5 148073.3 0.5277 mg/L 0.00844 0.5277 mg/L 0.00844 1.60%
QC value within limits for Manganese,7439-96-5 Recovery = 105.54%
Molybdenum,7439-98-7 3975.0 0.5149 mg/L 0.00215 0.5149 mg/L 0.00215 0.42%
QC value within limits for Molybdenum,7439-98-7 Recovery = 102.99%
Nickel,7440-02-0 11264.7 0.5408 mg/L 0.01010 0.5408 mg/L 0.01010 1.87%
QC value within limits for Nickel,7440-02-0 Recovery = 108.15%
Potassium,7440-09-7 17450.4 9.4571 mg/L 0.11806 9.4571 mg/L 0.11806 1.25%
QC value within limits for Potassium,7440-09-7 Recovery = 94.57%
Selenium,7782-49-2 350.3 0.5172 mg/L 0.01014 0.5172 mg/L 0.01014 1.96%
QC value within limits for Selenium,7782-49-2 Recovery = 103.44%
Silicon,7440-21-3 134.2 0.4802 mg/L 0.01667 0.4802 mg/L 0.01667 3.47%
QC value within limits for Silicon,7440-21-3 Recovery = 96.04%
Silver,7440-22-4 79624.3 0.5208 mg/L 0.00853 0.5208 mg/L 0.00853 1.64%
QC value within limits for Silver,7440-22-4 Recovery = 104.15%
Sodium,7440-23-5 51847.2 17.012 mg/L 0.1905 17.012 mg/L 0.1905 1.12%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 85.06%
Strontium,7440-24-6 70956.1 0.4477 mg/L 0.00464 0.4477 mg/L 0.00464 1.04%
QC value within limits for Strontium,7440-24-6 Recovery = 89.54%
Thallium,7440-28-0 583.8 0.5257 mg/L 0.01043 0.5257 mg/L 0.01043 1.98%
QC value within limits for Thallium,7440-28-0 Recovery = 105.14%
Tin,7440-31-5 1439.0 0.5222 mg/L 0.00252 0.5222 mg/L 0.00252 0.48%
QC value within limits for Tin,7440-31-5 Recovery = 104.44%
Titanium,7440-32-6 148488.1 0.5175 mg/L 0.00141 0.5175 mg/L 0.00141 0.27%
QC value within limits for Titanium,7440-32-6 Recovery = 103.49%
Vanadium,7440-62-2 34388.0 0.5327 mg/L 0.00907 0.5327 mg/L 0.00907 1.70%
QC value within limits for Vanadium,7440-62-2 Recovery = 106.53%
Zinc,7440-66-6 16772.0 0.5304 mg/L 0.00924 0.5304 mg/L 0.00924 1.74%
QC value within limits for Zinc,7440-66-6 Recovery = 106.07%
Zirconium,7440-67-7 101297.4 0.5208 mg/L 0.00757 0.5208 mg/L 0.00757 1.45%
QC value within limits for Zirconium,7440-67-7 Recovery = 104.16%
QC Failed. Continue with analysis.

Sequence No.: 60 **Autosampler Location: 1**
Sample ID: 1900 **Date Collected: 7/26/2006 6:07:25 PM**
Analyst: **Data Type: Reprocessed on 7/27/2006 9:00:57 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2293540.1	110.76	%	0.722				0.65%
Yttrium,7440-65-5A	1272012.8	110.68	%	0.756				0.68%
Yttrium,7440-65-5R	71046.6	99.072	%	1.0971				1.11%
Ar 420.067 R	1160293.1	86.342	%	0.0652				0.08%
Ar 363.268 A	44978.1	98.360	%	0.5382				0.55%
Aluminum,7429-90-5	2.4	0.0066	mg/L	0.03809	0.0066	mg/L	0.03809	579.65%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0	-5.3	-0.0056	mg/L	0.00034	-0.0056	mg/L	0.00034	6.11%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2	-0.6	-0.0010	mg/L	0.00307	-0.0010	mg/L	0.00307	314.44%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3	2.4	0.0000	mg/L	0.00016	0.0000	mg/L	0.00016	394.37%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7	-229.4	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	16.60%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8	591.2	0.0338	mg/L	0.00447	0.0338	mg/L	0.00447	13.23%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9	-2.7	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010	222.91%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2	-1.3	-0.0006	mg/L	0.00299	-0.0006	mg/L	0.00299	510.06%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3	14.4	0.0003	mg/L	0.00054	0.0003	mg/L	0.00054	211.25%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4	-1.2	-0.0001	mg/L	0.00058	-0.0001	mg/L	0.00058	843.68%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8	29.4	0.0003	mg/L	0.00048	0.0003	mg/L	0.00048	187.57%

QC value within limits for Copper,7440-50-8 Recovery = Not calculated

Iron,7439-89-6	12.5	0.0090 mg/L	0.00288	0.0090 mg/L	0.00288	32.20%

QC value within limits for Iron,7439-89-6 Recovery = Not calculated

Lead,7439-92-1	5.3	0.0009 mg/L	0.00170	0.0009 mg/L	0.00170	199.98%

QC value within limits for Lead,7439-92-1 Recovery = Not calculated

Lithium,7439-93-2	-133.8	-0.0019 mg/L	0.00141	-0.0019 mg/L	0.00141	72.47%

QC value within limits for Lithium,7439-93-2 Recovery = Not calculated

Magnesium,7439-95-4	2.6	0.0096 mg/L	0.01972	0.0096 mg/L	0.01972	205.81%

QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated

Manganese,7439-96-5	144.3	0.0005 mg/L	0.00016	0.0005 mg/L	0.00016	31.79%

QC value within limits for Manganese,7439-96-5 Recovery = Not calculated

Molybdenum,7439-98-7	-10.1	-0.0013 mg/L	0.00062	-0.0013 mg/L	0.00062	47.59%

QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated

Nickel,7440-02-0	-11.6	-0.0006 mg/L	0.00031	-0.0006 mg/L	0.00031	56.45%

QC value within limits for Nickel,7440-02-0 Recovery = Not calculated

Potassium,7440-09-7	516.1	0.2799 mg/L	0.05287	0.2799 mg/L	0.05287	18.89%

QC value within limits for Potassium,7440-09-7 Recovery = Not calculated

Selenium,7782-49-2	0.3	0.0004 mg/L	0.00740	0.0004 mg/L	0.00740	>999.9%

QC value within limits for Selenium,7782-49-2 Recovery = Not calculated

Silicon,7440-21-3	-7.8	-0.0279 mg/L	0.00899	-0.0279 mg/L	0.00899	32.19%

QC value within limits for Silicon,7440-21-3 Recovery = Not calculated

Silver,7440-22-4	87.8	0.0006 mg/L	0.00077	0.0006 mg/L	0.00077	139.08%

QC value within limits for Silver,7440-22-4 Recovery = Not calculated

Sodium,7440-23-5	-3959.4	-1.3023 mg/L	0.00976	-1.3023 mg/L	0.00976	0.75%

QC value within limits for Sodium,7440-23-5 Recovery = Not calculated

Strontium,7440-24-6	-60.4	-0.0004 mg/L	0.00029	-0.0004 mg/L	0.00029	75.52%

QC value within limits for Strontium,7440-24-6 Recovery = Not calculated

Thallium,7440-28-0	5.8	0.0051 mg/L	0.00735	0.0051 mg/L	0.00735	142.82%

QC value within limits for Thallium,7440-28-0 Recovery = Not calculated

Tin,7440-31-5	1.6	0.0006 mg/L	0.00157	0.0006 mg/L	0.00157	265.59%

QC value within limits for Tin,7440-31-5 Recovery = Not calculated

Titanium,7440-32-6	46.6	0.0002 mg/L	0.00003	0.0002 mg/L	0.00003	17.08%

QC value within limits for Titanium,7440-32-6 Recovery = Not calculated

Vanadium,7440-62-2	209.2	0.0032 mg/L	0.00040	0.0032 mg/L	0.00040	12.46%

QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated

Zinc,7440-66-6	107.0	0.0034 mg/L	0.00024	0.0034 mg/L	0.00024	7.12%

QC value within limits for Zinc,7440-66-6 Recovery = Not calculated

Zirconium,7440-67-7	212.9	0.0011 mg/L	0.00009	0.0011 mg/L	0.00009	8.55%

QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated

All analyte(s) passed QC.

Sequence No.: 61
Sample ID: 20607201207
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 57
Date Collected: 7/26/2006 6:14:31 PM
Data Type: Reprocessed on 7/27/2006 9:00:59 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

RR CLB 7/27/04

Mean Data: 20607201207

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2206999.7	106.58	%	0.519				0.49%
Yttrium,7440-65-5A	1241322.8	108.01	%	0.431				0.40%
Yttrium,7440-65-5R	73375.0	102.32	%	0.368				0.36%
Ar 420.067 R	1144001.8	85.130	%	0.1295				0.15%
Ar 363.268 A	42940.1	98.903	%	0.3670				0.39%
Aluminum,7429-90-5	35038.8	96.207	mg/L	0.4224	3817.7	mg/kg	16.76	0.44%
Antimony,7440-36-0	-14.8	-0.0047	mg/L	0.00394	-0.1860	mg/kg	0.15649	84.11%
Arsenic,7440-38-2	45.4	0.1053	mg/L	0.01124	4.1772	mg/kg	0.44617	10.68%
Barium,7440-39-3	88983.9	1.6361	mg/L	0.01234	64.925	mg/kg	0.4896	0.75%
Beryllium,7440-41-7	12229.2	0.0075	mg/L	0.00007	0.2974	mg/kg	0.00297	1.00%
Boron,7440-42-8	319.2	-0.1224	mg/L	0.00154	-4.8554	mg/kg	0.06121	1.26%
Cadmium,7440-43-9	435.5	0.0047	mg/L	0.00027	0.1866	mg/kg	0.01084	5.81%
Calcium,7440-70-2	1057023.0	487.06	mg/L	2.025	19328	mg/kg	80.4	0.42%
Chromium,7440-47-3	7929.4	0.1048	mg/L	0.00165	4.1594	mg/kg	0.06536	1.57%
Cobalt,7440-48-4	1443.5	0.0788	mg/L	0.00034	3.1283	mg/kg	0.01352	0.43%
Copper,7440-50-8	10879.7	0.0969	mg/L	0.00122	3.8452	mg/kg	0.04849	1.26%
Iron,7439-89-6	230414.6	164.39	mg/L	0.549	6523.3	mg/kg	21.79	0.33%
Lead,7439-92-1	925.5	0.1856	mg/L	0.00095	7.3667	mg/kg	0.03774	0.51%
Lithium,7439-93-2	9640.9	0.1378	mg/L	0.00126	5.4665	mg/kg	0.05004	0.92%

Magnesium,7439-95-4	21179.7	77.213 mg/L	0.7575	3064.0 mg/kg	30.06	0.98%
Manganese,7439-96-5	1186117.1	4.2255 mg/L	0.01931	167.68 mg/kg	0.766	0.46%
Molybdenum,7439-98-7	-40.6	-0.0048 mg/L	0.00097	-0.1889 mg/kg	0.03863	20.44%
Nickel,7440-02-0	3741.0	0.1781 mg/L	0.00086	7.0666 mg/kg	0.03405	0.48%
Potassium,7440-09-7	49573.6	26.777 mg/L	0.1341	1062.6 mg/kg	5.32	0.50%
Selenium,7782-49-2	-37.2	0.0003 mg/L	0.00609	0.0104 mg/kg	0.24171	>999.9%
Silicon,7440-21-3	962.9	3.4551 mg/L	0.05426	137.11 mg/kg	2.153	1.57%
Silver,7440-22-4	-3878.8	-0.0160 mg/L	0.00054	-0.6332 mg/kg	0.02132	3.37%
Sodium,7440-23-5	96955.2	31.471 mg/L	0.0948	1248.8 mg/kg	3.76	0.30%
Strontium,7440-24-6	125423.3	0.7921 mg/L	0.00346	31.431 mg/kg	0.1371	0.44%
Thallium,7440-28-0	-44.0	-0.0334 mg/L	0.00560	-1.3260 mg/kg	0.22240	16.77%
Tin,7440-31-5	-55.7	-0.0183 mg/L	0.00135	-0.7281 mg/kg	0.05374	7.38%
Titanium,7440-32-6	95739.6	0.3335 mg/L	0.00306	13.232 mg/kg	0.1215	0.92%
Vanadium,7440-62-2	15308.2	0.2371 mg/L	0.00339	9.4077 mg/kg	0.13455	1.43%
Zinc,7440-66-6	38647.0	1.2263 mg/L	0.01403	48.663 mg/kg	0.5567	1.14%
Zirconium,7440-67-7	15433.0	0.0773 mg/L	0.00114	3.0669 mg/kg	0.04517	1.47%

Sequence No.: 62
Sample ID: 20607201208
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 58
Date Collected: 7/26/2006 6:21:28 PM
Data Type: Reprocessed on 7/27/2006 9:01:00 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

RR CLB 7/27/06

Mean Data: 20607201208

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2171079.1	104.85	%	0.394				0.38%
Yttrium,7440-65-5A	1236587.3	107.60	%	0.437				0.41%
Yttrium,7440-65-5R	73370.9	102.31	%	0.026				0.03%
Ar 420.067 R	1131522.0	84.201	%	0.0936				0.11%
Ar 363.268 A	42198.4	92.281	%	0.1028				0.11%
Aluminum,7429-90-5	58299.9	160.08	mg/L	0.360	6352.2	mg/kg	14.27	0.22%
Antimony,7440-36-0	-26.7	-0.0118	mg/L	0.00734	-0.4681	mg/kg	0.29126	62.23%
Arsenic,7440-38-2	54.3	0.1361	mg/L	0.00694	5.4016	mg/kg	0.27539	5.10%
Barium,7440-39-3	137278.4	2.5239	mg/L	0.02812	100.16	mg/kg	1.116	1.11%
Beryllium,7440-41-7	20151.6	0.0123	mg/L	0.00017	0.4875	mg/kg	0.00670	1.38%
Boron,7440-42-8	271.2	-0.1877	mg/L	0.00306	-7.4504	mg/kg	0.12135	1.63%
Cadmium,7440-43-9	605.5	0.0067	mg/L	0.00004	0.2663	mg/kg	0.00169	0.64%
Calcium,7440-70-2	1409084.9	649.29	mg/L	1.537	25765	mg/kg	61.0	0.24%
Chromium,7440-47-3	12960.2	0.1783	mg/L	0.00386	7.0737	mg/kg	0.15330	2.17%
Cobalt,7440-48-4	1800.0	0.0981	mg/L	0.00046	3.8935	mg/kg	0.01836	0.47%
Copper,7440-50-8	18061.0	0.1600	mg/L	0.00080	6.3500	mg/kg	0.03175	0.50%
Iron,7439-89-6	330153.5	235.54	mg/L	0.459	9347.0	mg/kg	18.20	0.19%
Lead,7439-92-1	1398.2	0.2770	mg/L	0.00168	10.991	mg/kg	0.0668	0.61%
Lithium,7439-93-2	15388.8	0.2204	mg/L	0.00165	8.7472	mg/kg	0.06546	0.75%
Magnesium,7439-95-4	32208.2	117.42	mg/L	0.596	4659.4	mg/kg	23.65	0.51%
Manganese,7439-96-5	1307716.4	4.6587	mg/L	0.01695	184.87	mg/kg	0.673	0.36%
Molybdenum,7439-98-7	-39.9	-0.0050	mg/L	0.00155	-0.1994	mg/kg	0.06165	30.91%
Nickel,7440-02-0	5228.1	0.2490	mg/L	0.00553	9.8804	mg/kg	0.21937	2.22%
Potassium,7440-09-7	78208.8	42.265	mg/L	0.1751	1677.2	mg/kg	6.95	0.41%
Selenium,7782-49-2	-61.7	-0.0077	mg/L	0.00501	-0.3060	mg/kg	0.19878	64.96%
Silicon,7440-21-3	1003.1	3.6018	mg/L	0.01029	142.93	mg/kg	0.408	0.29%
Silver,7440-22-4	-5909.6	-0.0252	mg/L	0.00101	-0.9983	mg/kg	0.04018	4.02%
Sodium,7440-23-5	93616.4	30.220	mg/L	0.0722	1199.2	mg/kg	2.87	0.24%
Strontium,7440-24-6	182114.8	1.1500	mg/L	0.00010	45.634	mg/kg	0.0039	0.01%
Thallium,7440-28-0	-56.7	-0.0417	mg/L	0.00692	-1.6540	mg/kg	0.27448	16.59%
Tin,7440-31-5	-48.1	-0.0162	mg/L	0.00260	-0.6440	mg/kg	0.10334	16.05%
Titanium,7440-32-6	115118.8	0.4009	mg/L	0.00241	15.909	mg/kg	0.0958	0.60%
Vanadium,7440-62-2	22283.3	0.3452	mg/L	0.00625	13.698	mg/kg	0.2481	1.81%
Zinc,7440-66-6	69275.3	2.1951	mg/L	0.02648	87.108	mg/kg	1.0509	1.21%
Zirconium,7440-67-7	21115.1	0.1054	mg/L	0.00126	4.1839	mg/kg	0.05005	1.20%

Sequence No.: 63
Sample ID: 20607201210
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 59
Date Collected: 7/26/2006 6:28:25 PM
Data Type: Reprocessed on 7/27/2006 9:01:02 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201210

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2194535.5	105.98	%	0.583				0.55%
Yttrium,7440-65-5A	1250459.9	108.81	%	0.583				0.54%
Yttrium,7440-65-5R	72885.9	101.64	%	0.028				0.03%
Ar 420.067 R	1126413.0	83.821	%	0.0822				0.10%
Ar 363.268 A	42773.8	93.539	%	0.7624				0.82%
Aluminum,7429-90-5	56052.2	153.91	mg/L	0.066	6156.2	mg/kg	2.63	0.04%
Antimony,7440-36-0	-21.3	-0.0080	mg/L	0.00081	-0.3192	mg/kg	0.03249	10.18%
Arsenic,7440-38-2	37.4	0.1002	mg/L	0.00349	4.0084	mg/kg	0.13958	3.48%
Barium,7440-39-3	95352.8	1.7531	mg/L	0.00523	70.124	mg/kg	0.2093	0.30%
Beryllium,7440-41-7	20219.7	0.0123	mg/L	0.00011	0.4909	mg/kg	0.00453	0.92%
Boron,7440-42-8	1144.3	-0.0928	mg/L	0.00193	-3.7134	mg/kg	0.07707	2.08%
Cadmium,7440-43-9	434.9	0.0044	mg/L	0.00005	0.1772	mg/kg	0.00206	1.16%
Calcium,7440-70-2	1098351.4	506.11	mg/L	0.678	20244	mg/kg	27.1	0.13%
Chromium,7440-47-3	11667.3	0.1684	mg/L	0.00115	6.7376	mg/kg	0.04608	0.68%
Cobalt,7440-48-4	2050.7	0.1121	mg/L	0.00063	4.4830	mg/kg	0.02537	0.57%
Copper,7440-50-8	16685.5	0.1480	mg/L	0.00020	5.9218	mg/kg	0.00794	0.13%
Iron,7439-89-6	259618.0	185.22	mg/L	0.257	7408.9	mg/kg	10.26	0.14%
Lead,7439-92-1	1059.7	0.2109	mg/L	0.00171	8.4363	mg/kg	0.06858	0.81%
Lithium,7439-93-2	16292.6	0.2339	mg/L	0.00204	9.3572	mg/kg	0.08178	0.87%
Magnesium,7439-95-4	34529.5	125.90	mg/L	0.707	5035.8	mg/kg	28.28	0.56%
Manganese,7439-96-5	1444644.0	5.1465	mg/L	0.02763	205.86	mg/kg	1.105	0.54%
Molybdenum,7439-98-7	-53.7	-0.0071	mg/L	0.00132	-0.2828	mg/kg	0.05278	18.66%
Nickel,7440-02-0	5512.3	0.2630	mg/L	0.00085	10.521	mg/kg	0.0339	0.32%
Potassium,7440-09-7	76911.6	41.581	mg/L	0.2034	1663.3	mg/kg	8.14	0.49%
Selenium,7782-49-2	-44.5	0.0052	mg/L	0.00289	0.2087	mg/kg	0.11579	55.47%
Silicon,7440-21-3	1231.0	4.4146	mg/L	0.03275	176.59	mg/kg	1.310	0.74%
Silver,7440-22-4	-4747.0	-0.0209	mg/L	0.00050	-0.8374	mg/kg	0.02020	2.41%
Sodium,7440-23-5	134788.6	43.830	mg/L	0.0239	1753.2	mg/kg	0.95	0.05%
Strontium,7440-24-6	148888.4	0.9401	mg/L	0.00157	37.606	mg/kg	0.0626	0.17%
Thallium,7440-28-0	-53.9	-0.0398	mg/L	0.00460	-1.5940	mg/kg	0.18382	11.53%
Tin,7440-31-5	-54.2	-0.0194	mg/L	0.00101	-0.7775	mg/kg	0.04024	5.18%
Titanium,7440-32-6	123655.0	0.4307	mg/L	0.00203	17.228	mg/kg	0.0812	0.47%
Vanadium,7440-62-2	20732.3	0.3210	mg/L	0.00106	12.841	mg/kg	0.0424	0.33%
Zinc,7440-66-6	21347.5	0.6815	mg/L	0.00606	27.260	mg/kg	0.2425	0.89%
Zirconium,7440-67-7	21680.7	0.1092	mg/L	0.00021	4.3689	mg/kg	0.00830	0.19%

RR CLB 7/27/06

Sequence No.: 64
Sample ID: 20607201211
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 60
Date Collected: 7/26/2006 6:35:24 PM
Data Type: Reprocessed on 7/27/2006 9:01:03 AM
Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201211

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2191355.4	105.82	%	0.236				0.22%
Yttrium,7440-65-5A	1241784.0	108.05	%	0.274				0.25%
Yttrium,7440-65-5R	73123.9	101.97	%	0.873				0.86%
Ar 420.067 R	1118046.1	83.198	%	0.0866				0.10%
Ar 363.268 A	42149.4	92.174	%	0.3061				0.33%
Aluminum,7429-90-5	32810.5	90.082	mg/L	0.7316	3603.3	mg/kg	29.26	0.81%
Antimony,7440-36-0	-39.5	-0.0252	mg/L	0.00605	-1.0088	mg/kg	0.24193	23.98%
Arsenic,7440-38-2	68.5	0.1827	mg/L	0.00486	7.3087	mg/kg	0.19443	2.66%
Barium,7440-39-3	401597.2	7.3826	mg/L	0.04946	295.30	mg/kg	1.979	0.67%
Beryllium,7440-41-7	11320.1	0.0067	mg/L	0.00006	0.2668	mg/kg	0.00247	0.93%
Boron,7440-42-8	-918.9	-0.3739	mg/L	0.00170	-14.955	mg/kg	0.0682	0.46%
Cadmium,7440-43-9	1230.6	0.0155	mg/L	0.00005	0.6189	mg/kg	0.00199	0.32%
Calcium,7440-70-2	1435455.5	661.46	mg/L	6.208	26458	mg/kg	248.3	0.94%
Chromium,7440-47-3	17621.3	0.2268	mg/L	0.00160	9.0735	mg/kg	0.06415	0.71%
Cobalt,7440-48-4	1519.7	0.0821	mg/L	0.00026	3.2840	mg/kg	0.01026	0.31%
Copper,7440-50-8	40967.2	0.3618	mg/L	0.00189	14.471	mg/kg	0.0758	0.52%
Iron,7439-89-6	514758.0	367.26	mg/L	3.298	14690	mg/kg	131.9	0.90%
Lead,7439-92-1	4286.6	0.7705	mg/L	0.00269	30.821	mg/kg	0.1075	0.35%
Lithium,7439-93-2	8498.1	0.1198	mg/L	0.00170	4.7914	mg/kg	0.06802	1.42%

Magnesium,7439-95-4	20210.9	73.627 mg/L	0.2164	2945.1 mg/kg	8.66	0.29%
Manganese,7439-96-5	1709704.8	6.0907 mg/L	0.01465	243.63 mg/kg	0.586	0.24%
Molybdenum,7439-98-7	96.6	0.0150 mg/L	0.00104	0.6016 mg/kg	0.04154	6.91%
Nickel,7440-02-0	5457.0	0.2590 mg/L	0.00202	10.360 mg/kg	0.0810	0.78%
Potassium,7440-09-7	44624.2	24.052 mg/L	0.2263	962.08 mg/kg	9.050	0.94%
Selenium,7782-49-2	-107.8	-0.0551 mg/L	0.00212	-2.2052 mg/kg	0.08488	3.85%
Silicon,7440-21-3	926.0	3.3328 mg/L	0.01024	133.31 mg/kg	0.410	0.31%
Silver,7440-22-4	-9825.7	-0.0411 mg/L	0.00055	-1.6444 mg/kg	0.02213	1.35%
Sodium,7440-23-5	78018.7	25.013 mg/L	0.2381	1000.5 mg/kg	9.52	0.95%
Strontium,7440-24-6	216231.7	1.3653 mg/L	0.01216	54.610 mg/kg	0.4865	0.89%
Thallium,7440-28-0	-57.5	-0.0417 mg/L	0.00514	-1.6700 mg/kg	0.20542	12.30%
Tin,7440-31-5	26.3	0.0117 mg/L	0.00258	0.4692 mg/kg	0.10330	22.02%
Titanium,7440-32-6	122140.3	0.4252 mg/L	0.00221	17.008 mg/kg	0.0883	0.52%
Vanadium,7440-62-2	18586.4	0.2881 mg/L	0.00131	11.525 mg/kg	0.0526	0.46%
Zinc,7440-66-6	521633.9	16.466 mg/L	0.0686	658.64 mg/kg	2.743	0.42%
Zirconium,7440-67-7	13526.2	0.0644 mg/L	0.00014	2.5764 mg/kg	0.00555	0.22%

Sequence No.: 65
Sample ID: 20607201212
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 61
Date Collected: 7/26/2006 6:42:26 PM
Data Type: Reprocessed on 7/27/2006 9:01:09 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

ER CLB 7/27/06

Mean Data: 20607201212

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2226204.3	107.51	%	0.499				0.46%
Yttrium,7440-65-5A	1277239.9	111.14	%	0.415				0.37%
Yttrium,7440-65-5R	73995.1	103.18	%	0.819				0.79%
Ar 420.067 R	1109191.9	82.539	%	0.1906				0.23%
Ar 363.268 A	42025.7	91.904	%	0.0055				0.01%
Aluminum,7429-90-5	62891.0	172.68	mg/L	1.041	6907.3	mg/kg	41.62	0.60%
Antimony,7440-36-0	-30.0	-0.0144	mg/L	0.00907	-0.5772	mg/kg	0.36298	62.88%
Arsenic,7440-38-2	55.0	0.1500	mg/L	0.00953	6.0009	mg/kg	0.38113	6.35%
Barium,7440-39-3	138215.8	2.5410	mg/L	0.00631	101.64	mg/kg	0.253	0.25%
Beryllium,7440-41-7	21099.1	0.0128	mg/L	0.00008	0.5109	mg/kg	0.00304	0.60%
Boron,7440-42-8	84.0	-0.2425	mg/L	0.00130	-9.6980	mg/kg	0.05202	0.54%
Cadmium,7440-43-9	905.7	0.0111	mg/L	0.00020	0.4438	mg/kg	0.00796	1.79%
Calcium,7440-70-2	1347240.7	620.81	mg/L	5.299	24832	mg/kg	211.9	0.85%
Chromium,7440-47-3	13996.5	0.1858	mg/L	0.00180	7.4321	mg/kg	0.07218	0.97%
Cobalt,7440-48-4	2111.7	0.1151	mg/L	0.00128	4.6045	mg/kg	0.05103	1.11%
Copper,7440-50-8	18547.1	0.1653	mg/L	0.00036	6.6120	mg/kg	0.01449	0.22%
Iron,7439-89-6	400964.2	286.07	mg/L	2.335	11443	mg/kg	93.4	0.82%
Lead,7439-92-1	1937.9	0.3744	mg/L	0.00282	14.975	mg/kg	0.1129	0.75%
Lithium,7439-93-2	17239.6	0.2468	mg/L	0.00076	9.8729	mg/kg	0.03049	0.31%
Magnesium,7439-95-4	39175.2	142.81	mg/L	0.463	5712.6	mg/kg	18.51	0.32%
Manganese,7439-96-5	1880717.3	6.7000	mg/L	0.03096	268.00	mg/kg	1.239	0.46%
Molybdenum,7439-98-7	-27.8	-0.0029	mg/L	0.00155	-0.1180	mg/kg	0.06185	52.44%
Nickel,7440-02-0	6142.3	0.2925	mg/L	0.00109	11.700	mg/kg	0.0434	0.37%
Potassium,7440-09-7	88280.5	47.717	mg/L	0.4554	1908.7	mg/kg	18.21	0.95%
Selenium,7782-49-2	-77.9	-0.0159	mg/L	0.00544	-0.6355	mg/kg	0.21773	34.26%
Silicon,7440-21-3	822.3	2.9553	mg/L	0.01651	118.21	mg/kg	0.660	0.56%
Silver,7440-22-4	-7789.2	-0.0343	mg/L	0.00035	-1.3709	mg/kg	0.01408	1.03%
Sodium,7440-23-5	111036.8	35.869	mg/L	0.2694	1434.8	mg/kg	10.78	0.75%
Strontium,7440-24-6	172158.9	1.0872	mg/L	0.00769	43.486	mg/kg	0.3074	0.71%
Thallium,7440-28-0	-70.8	-0.0530	mg/L	0.00206	-2.1209	mg/kg	0.08236	3.88%
Tin,7440-31-5	-48.2	-0.0174	mg/L	0.00233	-0.6949	mg/kg	0.09318	13.41%
Titanium,7440-32-6	124279.6	0.4328	mg/L	0.00246	17.311	mg/kg	0.0984	0.57%
Vanadium,7440-62-2	24286.3	0.3762	mg/L	0.00195	15.046	mg/kg	0.0782	0.52%
Zinc,7440-66-6	259209.3	8.1874	mg/L	0.05054	327.50	mg/kg	2.022	0.62%
Zirconium,7440-67-7	23870.5	0.1188	mg/L	0.00034	4.7533	mg/kg	0.01365	0.29%

Sequence No.: 66
Sample ID: 20607201213
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 62
Date Collected: 7/26/2006 6:49:26 PM
Data Type: Reprocessed on 7/27/2006 9:01:14 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

RR CLB 7/27/06

Mean Data: 20607201213

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2267992.3	109.53	%	1.003				0.92%
Yttrium,7440-65-5A	1284713.8	111.79	%	0.916				0.82%
Yttrium,7440-65-5R	73210.1	102.09	%	0.125				0.12%
Ar 420.067 R	1122496.3	83.530	%	0.0663				0.08%
Ar 363.268 A	43087.6	94.226	%	0.4905				0.52%
Aluminum,7429-90-5	15588.8	42.799	mg/L	0.0959	1698.4	mg/kg	3.80	0.22%
Antimony,7440-36-0	-19.5	-0.0094	mg/L	0.00073	-0.3745	mg/kg	0.02904	7.75%
Arsenic,7440-38-2	48.6	0.1169	mg/L	0.00592	4.6377	mg/kg	0.23495	5.07%
Barium,7440-39-3	229074.8	4.2110	mg/L	0.02178	167.10	mg/kg	0.864	0.52%
Beryllium,7440-41-7	11661.6	0.0065	mg/L	0.00004	0.2571	mg/kg	0.00150	0.58%
Boron,7440-42-8	-920.3	-0.2271	mg/L	0.00125	-9.0106	mg/kg	0.04979	0.55%
Cadmium,7440-43-9	825.1	0.0110	mg/L	0.00011	0.4375	mg/kg	0.00433	0.99%
Calcium,7440-70-2	841497.0	387.76	mg/L	4.325	15387	mg/kg	171.6	1.12%
Chromium,7440-47-3	14280.3	0.2065	mg/L	0.00200	8.1936	mg/kg	0.07956	0.97%
Cobalt,7440-48-4	692.7	0.0373	mg/L	0.00032	1.4786	mg/kg	0.01274	0.86%
Copper,7440-50-8	24460.8	0.2158	mg/L	0.00084	8.5620	mg/kg	0.03338	0.39%
Iron,7439-89-6	279802.8	199.63	mg/L	0.040	7921.7	mg/kg	1.57	0.02%
Lead,7439-92-1	3491.6	0.6052	mg/L	0.00559	24.014	mg/kg	0.2218	0.92%
Lithium,7439-93-2	2944.5	0.0407	mg/L	0.00021	1.6165	mg/kg	0.00844	0.52%
Magnesium,7439-95-4	9134.5	33.269	mg/L	0.0957	1320.2	mg/kg	3.80	0.29%
Manganese,7439-96-5	726549.2	2.5884	mg/L	0.02150	102.71	mg/kg	0.853	0.83%
Molybdenum,7439-98-7	155.1	0.0215	mg/L	0.00038	0.8540	mg/kg	0.01515	1.77%
Nickel,7440-02-0	2820.6	0.1342	mg/L	0.00110	5.3252	mg/kg	0.04359	0.82%
Potassium,7440-09-7	14574.5	7.8205	mg/L	0.09269	310.34	mg/kg	3.678	1.19%
Selenium,7782-49-2	-52.5	-0.0225	mg/L	0.00847	-0.8927	mg/kg	0.33606	37.64%
Silicon,7440-21-3	631.4	2.2707	mg/L	0.00644	90.109	mg/kg	0.2557	0.28%
Silver,7440-22-4	-5254.5	-0.0224	mg/L	0.00052	-0.8885	mg/kg	0.02045	2.30%
Sodium,7440-23-5	11195.2	3.3264	mg/L	0.03607	132.00	mg/kg	1.431	1.08%
Strontium,7440-24-6	126646.1	0.7996	mg/L	0.00257	31.731	mg/kg	0.1019	0.32%
Thallium,7440-28-0	-36.7	-0.0218	mg/L	0.00287	-0.8658	mg/kg	0.11383	13.15%
Tin,7440-31-5	-43.2	-0.0136	mg/L	0.00271	-0.5416	mg/kg	0.10774	19.89%
Titanium,7440-32-6	299189.3	1.0424	mg/L	0.00447	41.365	mg/kg	0.1774	0.43%
Vanadium,7440-62-2	14552.5	0.2255	mg/L	0.00121	8.9489	mg/kg	0.04816	0.54%
Zinc,7440-66-6	624287.5	19.699	mg/L	0.2183	781.71	mg/kg	8.661	1.11%
Zirconium,7440-67-7	14891.2	0.0755	mg/L	0.00056	2.9977	mg/kg	0.02222	0.74%

Sequence No.: 67
Sample ID: 20607201214
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 63
Date Collected: 7/26/2006 6:56:37 PM
Data Type: Reprocessed on 7/27/2006 9:01:16 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201214

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2238316.3	108.09	%	0.675				0.62%
Yttrium,7440-65-5A	1260921.3	109.72	%	0.632				0.58%
Yttrium,7440-65-5R	72085.0	100.52	%	0.542				0.54%
Ar 420.067 R	1122676.1	83.543	%	0.1435				0.17%
Ar 363.268 A	43565.4	95.271	%	0.2656				0.28%
Aluminum,7429-90-5	24090.9	66.147	mg/L	0.0652	2624.9	mg/kg	2.59	0.10%
Antimony,7440-36-0	-6.9	0.0008	mg/L	0.00632	0.0308	mg/kg	0.25072	812.90%
Arsenic,7440-38-2	54.0	0.1203	mg/L	0.00885	4.7739	mg/kg	0.35103	7.35%
Barium,7440-39-3	72308.7	1.3292	mg/L	0.00524	52.747	mg/kg	0.2078	0.39%
Beryllium,7440-41-7	9441.2	0.0056	mg/L	0.00005	0.2210	mg/kg	0.00186	0.84%
Boron,7440-42-8	483.4	-0.1022	mg/L	0.00313	-4.0563	mg/kg	0.12416	3.06%
Cadmium,7440-43-9	1473.9	0.0227	mg/L	0.00036	0.9027	mg/kg	0.01418	1.57%
Calcium,7440-70-2	587946.5	270.93	mg/L	1.407	10751	mg/kg	55.8	0.52%
Chromium,7440-47-3	8391.8	0.1154	mg/L	0.00044	4.5789	mg/kg	0.01754	0.38%
Cobalt,7440-48-4	984.3	0.0535	mg/L	0.00050	2.1245	mg/kg	0.01977	0.93%
Copper,7440-50-8	16209.8	0.1434	mg/L	0.00065	5.6919	mg/kg	0.02594	0.46%
Iron,7439-89-6	209274.5	149.31	mg/L	0.751	5924.9	mg/kg	29.81	0.50%
Lead,7439-92-1	1794.5	0.3211	mg/L	0.00255	12.741	mg/kg	0.1011	0.79%
Lithium,7439-93-2	6681.8	0.0954	mg/L	0.00033	3.7850	mg/kg	0.01327	0.35%

Magnesium,7439-95-4	14922.1	54.389 mg/L	0.0473	2158.3 mg/kg	1.88	0.09%
Manganese,7439-96-5	875126.8	3.1176 mg/L	0.01872	123.71 mg/kg	0.743	0.60%
Molybdenum,7439-98-7	-10.8	-0.0007 mg/L	0.00114	-0.0290 mg/kg	0.04509	155.35%
Nickel,7440-02-0	3026.8	0.1442 mg/L	0.00058	5.7211 mg/kg	0.02299	0.40%
Potassium,7440-09-7	35976.9	19.441 mg/L	0.1110	771.47 mg/kg	4.404	0.57%
Selenium,7782-49-2	-30.5	0.0027 mg/L	0.00482	0.1052 mg/kg	0.19141	182.02%
Silicon,7440-21-3	1147.4	4.1155 mg/L	0.02744	163.31 mg/kg	1.089	0.67%
Silver,7440-22-4	-3991.3	-0.0176 mg/L	0.00003	-0.6972 mg/kg	0.00110	0.16%
Sodium,7440-23-5	34395.6	11.012 mg/L	0.0735	436.98 mg/kg	2.916	0.67%
Strontium,7440-24-6	71288.4	0.4502 mg/L	0.00244	17.865 mg/kg	0.0970	0.54%
Thallium,7440-28-0	-30.9	-0.0219 mg/L	0.00736	-0.8707 mg/kg	0.29204	33.54%
Tin,7440-31-5	-33.9	-0.0122 mg/L	0.00044	-0.4834 mg/kg	0.01747	3.61%
Titanium,7440-32-6	95935.6	0.3341 mg/L	0.00101	13.260 mg/kg	0.0402	0.30%
Vanadium,7440-62-2	14039.9	0.2175 mg/L	0.00088	8.6307 mg/kg	0.03496	0.41%
Zinc,7440-66-6	1215373.7	38.344 mg/L	0.1568	1521.6 mg/kg	6.22	0.41%
Zirconium,7440-67-7	14621.5	0.0734 mg/L	0.00036	2.9112 mg/kg	0.01446	0.50%

Sequence No.: 68
Sample ID: 20607201215
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 64
Date Collected: 7/26/2006 7:03:37 PM
Data Type: Reprocessed on 7/27/2006 9:01:18 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

RR CUB 7/27/06

Mean Data: 20607201215

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2190038.5	105.76	%	0.300				0.28%
Yttrium,7440-65-5A	1253852.5	109.10	%	0.349				0.32%
Yttrium,7440-65-5R	72638.7	101.29	%	0.731				0.72%
Ar 420.067 R	1102639.6	82.052	%	0.3707				0.45%
Ar 363.268 A	42230.8	92.352	%	0.0923				0.10%
Aluminum,7429-90-5	29467.1	80.904	mg/L	0.1557	3236.2	mg/kg	6.23	0.19%
Antimony,7440-36-0	-29.5	-0.0157	mg/L	0.00365	-0.6267	mg/kg	0.14593	23.29%
Arsenic,7440-38-2	76.7	0.1675	mg/L	0.00561	6.6988	mg/kg	0.22437	3.35%
Barium,7440-39-3	384178.1	7.0626	mg/L	0.04392	282.50	mg/kg	1.757	0.62%
Beryllium,7440-41-7	28219.1	0.0169	mg/L	0.00009	0.6774	mg/kg	0.00378	0.56%
Boron,7440-42-8	-246.1	-0.2228	mg/L	0.00342	-8.9126	mg/kg	0.13667	1.53%
Cadmium,7440-43-9	1015.1	0.0133	mg/L	0.00035	0.5339	mg/kg	0.01404	2.63%
Calcium,7440-70-2	1490044.0	686.58	mg/L	7.384	27463	mg/kg	295.3	1.08%
Chromium,7440-47-3	15221.6	0.2145	mg/L	0.00263	8.5809	mg/kg	0.10527	1.23%
Cobalt,7440-48-4	859.9	0.0462	mg/L	0.00053	1.8484	mg/kg	0.02131	1.15%
Copper,7440-50-8	31030.7	0.2730	mg/L	0.00219	10.919	mg/kg	0.0876	0.80%
Iron,7439-89-6	337759.9	240.97	mg/L	2.415	9638.8	mg/kg	96.60	1.00%
Lead,7439-92-1	5887.3	0.9996	mg/L	0.00840	39.983	mg/kg	0.3362	0.84%
Lithium,7439-93-2	6621.2	0.0932	mg/L	0.00182	3.7298	mg/kg	0.07296	1.96%
Magnesium,7439-95-4	19080.3	69.537	mg/L	0.2395	2781.5	mg/kg	9.58	0.34%
Manganese,7439-96-5	982605.7	3.5005	mg/L	0.01704	140.02	mg/kg	0.682	0.49%
Molybdenum,7439-98-7	64.0	0.0096	mg/L	0.00141	0.3821	mg/kg	0.05656	14.80%
Nickel,7440-02-0	3711.1	0.1762	mg/L	0.00097	7.0483	mg/kg	0.03888	0.55%
Potassium,7440-09-7	37036.5	19.949	mg/L	0.0906	797.95	mg/kg	3.624	0.45%
Selenium,7782-49-2	-62.2	-0.0222	mg/L	0.00990	-0.8877	mg/kg	0.39606	44.61%
Silicon,7440-21-3	1261.8	4.5304	mg/L	0.01026	181.22	mg/kg	0.410	0.23%
Silver,7440-22-4	-6074.7	-0.0251	mg/L	0.00021	-1.0056	mg/kg	0.00856	0.85%
Sodium,7440-23-5	32451.9	10.153	mg/L	0.1306	406.13	mg/kg	5.226	1.29%
Strontium,7440-24-6	199468.7	1.2595	mg/L	0.00563	50.380	mg/kg	0.2251	0.45%
Thallium,7440-28-0	-42.0	-0.0275	mg/L	0.00739	-1.0991	mg/kg	0.29546	26.88%
Tin,7440-31-5	-27.9	-0.0060	mg/L	0.00251	-0.2403	mg/kg	0.10022	41.70%
Titanium,7440-32-6	214205.0	0.7462	mg/L	0.00146	29.847	mg/kg	0.0583	0.20%
Vanadium,7440-62-2	16861.2	0.2613	mg/L	0.00332	10.452	mg/kg	0.1329	1.27%
Zinc,7440-66-6	731004.8	23.069	mg/L	0.0993	922.75	mg/kg	3.974	0.43%
Zirconium,7440-67-7	10935.4	0.0539	mg/L	0.00041	2.1558	mg/kg	0.01652	0.77%

Sequence No.: 69
Sample ID: 20607201216
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 65
Date Collected: 7/26/2006 7:10:37 PM
Data Type: Reprocessed on 7/27/2006 9:01:20 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201216

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2189468.1	105.73	%	0.235				0.22%
Yttrium,7440-65-5A	1249483.2	108.72	%	0.230				0.21%
Yttrium,7440-65-5R	72167.0	100.63	%	0.544				0.54%
Ar 420.067 R	1093992.3	81.408	%	0.3081				0.38%
Ar 363.268 A	42072.1	92.005	%	0.2083				0.23%
Aluminum,7429-90-5	29699.5	81.539	mg/L	0.0829	3261.6	mg/kg	3.32	0.10%
Antimony,7440-36-0	-33.5	-0.0161	mg/L	0.00791	-0.6459	mg/kg	0.31645	49.00%
Arsenic,7440-38-2	64.6	0.1606	mg/L	0.00786	6.4241	mg/kg	0.31450	4.90%
Barium,7440-39-3	334517.6	6.1498	mg/L	0.01703	245.99	mg/kg	0.681	0.28%
Beryllium,7440-41-7	29614.5	0.0179	mg/L	0.00009	0.7161	mg/kg	0.00343	0.48%
Boron,7440-42-8	-963.4	-0.3361	mg/L	0.00235	-13.446	mg/kg	0.0938	0.70%
Cadmium,7440-43-9	1145.9	0.0143	mg/L	0.00026	0.5736	mg/kg	0.01023	1.78%
Calcium,7440-70-2	1812362.3	835.10	mg/L	5.831	33404	mg/kg	233.2	0.70%
Chromium,7440-47-3	21394.1	0.3047	mg/L	0.00208	12.187	mg/kg	0.0833	0.68%
Cobalt,7440-48-4	1020.4	0.0546	mg/L	0.00048	2.1845	mg/kg	0.01926	0.88%
Copper,7440-50-8	43471.9	0.3819	mg/L	0.00014	15.276	mg/kg	0.0054	0.04%
Iron,7439-89-6	452194.0	322.61	mg/L	2.415	12905	mg/kg	96.6	0.75%
Lead,7439-92-1	12368.9	2.0581	mg/L	0.00519	82.325	mg/kg	0.2075	0.25%
Lithium,7439-93-2	6646.1	0.0928	mg/L	0.00160	3.7124	mg/kg	0.06394	1.72%
Magnesium,7439-95-4	26147.3	95.291	mg/L	0.0768	3811.6	mg/kg	3.07	0.08%
Manganese,7439-96-5	1125225.0	4.0083	mg/L	0.00629	160.33	mg/kg	0.252	0.16%
Molybdenum,7439-98-7	441.0	0.0591	mg/L	0.00107	2.3621	mg/kg	0.04277	1.81%
Nickel,7440-02-0	5353.0	0.2542	mg/L	0.00073	10.169	mg/kg	0.0292	0.29%
Potassium,7440-09-7	39568.5	21.290	mg/L	0.1514	851.62	mg/kg	6.054	0.71%
Selenium,7782-49-2	-89.0	-0.0425	mg/L	0.00454	-1.7019	mg/kg	0.18164	10.67%
Silicon,7440-21-3	947.9	3.4097	mg/L	0.01455	136.39	mg/kg	0.582	0.43%
Silver,7440-22-4	-8370.7	-0.0347	mg/L	0.00072	-1.3865	mg/kg	0.02869	2.07%
Sodium,7440-23-5	59668.0	18.980	mg/L	0.1561	759.19	mg/kg	6.243	0.82%
Strontium,7440-24-6	276521.3	1.7458	mg/L	0.01243	69.833	mg/kg	0.4970	0.71%
Thallium,7440-28-0	-39.2	-0.0246	mg/L	0.00467	-0.9822	mg/kg	0.18666	19.01%
Tin,7440-31-5	-9.8	0.0015	mg/L	0.00217	0.0612	mg/kg	0.08669	141.65%
Titanium,7440-32-6	150820.0	0.5252	mg/L	0.00195	21.008	mg/kg	0.0782	0.37%
Vanadium,7440-62-2	18746.0	0.2906	mg/L	0.00092	11.625	mg/kg	0.0369	0.32%
Zinc,7440-66-6	560942.6	17.706	mg/L	0.1395	708.26	mg/kg	5.582	0.79%
Zirconium,7440-67-7	16488.8	0.0805	mg/L	0.00092	3.2220	mg/kg	0.03683	1.14%

RR CUB 7/27/06

Sequence No.: 70
Sample ID: 20607201217
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 66
Date Collected: 7/26/2006 7:17:29 PM
Data Type: Reprocessed on 7/27/2006 9:01:21 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201217

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2039146.9	98.474	%	0.9906				1.01%
Yttrium,7440-65-5A	1149028.7	99.980	%	0.9378				0.94%
Yttrium,7440-65-5R	67206.6	93.717	%	0.7406				0.79%
Ar 420.067 R	1055942.6	78.577	%	0.2318				0.30%
Ar 363.268 A	41605.1	90.984	%	0.2716				0.30%
Aluminum,7429-90-5	29314.4	80.478	mg/L	0.3021	3193.6	mg/kg	11.99	0.38%
Antimony,7440-36-0	-18.6	0.0109	mg/L	0.00678	0.4329	mg/kg	0.26893	62.13%
Arsenic,7440-38-2	74.6	0.0905	mg/L	0.01525	3.5929	mg/kg	0.60523	16.84%
Barium,7440-39-3	153914.8	2.8332	mg/L	0.02983	112.43	mg/kg	1.184	1.05%
Beryllium,7440-41-7	9280.1	0.0077	mg/L	0.00013	0.3051	mg/kg	0.00511	1.68%
Boron,7440-42-8	620.3	-0.0658	mg/L	0.00197	-2.6120	mg/kg	0.07807	2.99%
Cadmium,7440-43-9	496.3	0.0027	mg/L	0.00010	0.1062	mg/kg	0.00399	3.76%
Calcium,7440-70-2	5315941.9	2449.3	mg/L	6.48	97194	mg/kg	257.0	0.26%
Chromium,7440-47-3	10190.1	0.1545	mg/L	0.00053	6.1302	mg/kg	0.02105	0.34%
Cobalt,7440-48-4	910.7	0.0490	mg/L	0.00059	1.9445	mg/kg	0.02331	1.20%
Copper,7440-50-8	31859.5	0.2739	mg/L	0.00219	10.868	mg/kg	0.0868	0.80%
Iron,7439-89-6	195954.5	139.75	mg/L	1.101	5545.7	mg/kg	43.70	0.79%
Lead,7439-92-1	3137.5	0.5451	mg/L	0.00247	21.632	mg/kg	0.0980	0.45%
Lithium,7439-93-2	6941.9	0.0946	mg/L	0.00176	3.7556	mg/kg	0.06997	1.86%

Magnesium,7439-95-4	60835.1	221.89 mg/L	1.638	8805.2 mg/kg	65.01	0.74%
Manganese,7439-96-5	1067504.7	3.8023 mg/L	0.04176	150.88 mg/kg	1.657	1.10%
Molybdenum,7439-98-7	142.7	0.0187 mg/L	0.00079	0.7423 mg/kg	0.03129	4.21%
Nickel,7440-02-0	3060.5	0.1432 mg/L	0.00022	5.6830 mg/kg	0.00857	0.15%
Potassium,7440-09-7	48058.3	25.677 mg/L	0.2044	1018.9 mg/kg	8.11	0.80%
Selenium,7782-49-2	-35.5	-0.0256 mg/L	0.00866	-1.0160 mg/kg	0.34350	33.81%
Silicon,7440-21-3	1391.4	4.9906 mg/L	0.00237	198.04 mg/kg	0.094	0.05%
Silver,7440-22-4	985.2	0.0141 mg/L	0.00111	0.5615 mg/kg	0.04415	7.86%
Sodium,7440-23-5	89868.4	28.489 mg/L	0.2683	1130.5 mg/kg	10.65	0.94%
Strontium,7440-24-6	301182.5	1.9037 mg/L	0.02337	75.545 mg/kg	0.9272	1.23%
Thallium,7440-28-0	-42.5	-0.0327 mg/L	0.00563	-1.2967 mg/kg	0.22322	17.21%
Tin,7440-31-5	-103.5	-0.0099 mg/L	0.00225	-0.3942 mg/kg	0.08925	22.64%
Titanium,7440-32-6	92798.6	0.3232 mg/L	0.00310	12.826 mg/kg	0.1231	0.96%
Vanadium,7440-62-2	16953.4	0.2624 mg/L	0.00375	10.412 mg/kg	0.1488	1.43%
Zinc,7440-66-6	388831.1	12.287 mg/L	0.1195	487.58 mg/kg	4.740	0.97%
Zirconium,7440-67-7	13225.5	0.0663 mg/L	0.00124	2.6317 mg/kg	0.04916	1.87%

Sequence No.: 71
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/26/2006 7:24:35 PM
Data Type: Reprocessed on 7/27/2006 9:01:23 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2280922.4	110.15	%	1.086				0.99%
Yttrium,7440-65-5A	1244312.3	108.27	%	0.856				0.79%
Yttrium,7440-65-5R	66814.5	93.170	%	0.5218				0.56%
Ar 420.067 R	1101281.9	81.951	%	0.4688				0.57%
Ar 363.268 A	45111.6	98.652	%	0.8098				0.82%
Aluminum,7429-90-5	1673.7	4.5999	mg/L	0.01751	4.5999	mg/L	0.01751	0.38%
QC value within limits for Aluminum,7429-90-5 Recovery = 92.00%								
Antimony,7440-36-0	482.9	0.5198	mg/L	0.00150	0.5198	mg/L	0.00150	0.29%
QC value within limits for Antimony,7440-36-0 Recovery = 103.97%								
Arsenic,7440-38-2	300.1	0.5036	mg/L	0.00082	0.5036	mg/L	0.00082	0.16%
QC value within limits for Arsenic,7440-38-2 Recovery = 100.72%								
Barium,7440-39-3	27976.6	0.5135	mg/L	0.00526	0.5135	mg/L	0.00526	1.02%
QC value within limits for Barium,7440-39-3 Recovery = 102.70%								
Beryllium,7440-41-7	842840.7	0.5107	mg/L	0.00492	0.5107	mg/L	0.00492	0.96%
QC value within limits for Beryllium,7440-41-7 Recovery = 102.13%								
Boron,7440-42-8	44567.3	2.5427	mg/L	0.01963	2.5427	mg/L	0.01963	0.77%
QC value within limits for Boron,7440-42-8 Recovery = 101.71%								
Cadmium,7440-43-9	30612.3	0.5174	mg/L	0.00535	0.5174	mg/L	0.00535	1.03%
QC value within limits for Cadmium,7440-43-9 Recovery = 103.48%								
Calcium,7440-70-2	9852.9	4.5455	mg/L	0.02450	4.5455	mg/L	0.02450	0.54%
QC value within limits for Calcium,7440-70-2 Recovery = 90.91%								
Chromium,7440-47-3	29155.1	0.5189	mg/L	0.00508	0.5189	mg/L	0.00508	0.98%
QC value within limits for Chromium,7440-47-3 Recovery = 103.78%								
Cobalt,7440-48-4	9356.6	0.5147	mg/L	0.00206	0.5147	mg/L	0.00206	0.40%
QC value within limits for Cobalt,7440-48-4 Recovery = 102.95%								
Copper,7440-50-8	59013.5	0.5172	mg/L	0.00475	0.5172	mg/L	0.00475	0.92%
QC value within limits for Copper,7440-50-8 Recovery = 103.44%								
Iron,7439-89-6	6561.9	4.6829	mg/L	0.00714	4.6829	mg/L	0.00714	0.15%
QC value within limits for Iron,7439-89-6 Recovery = 93.66%								
Lead,7439-92-1	3206.2	0.5149	mg/L	0.00057	0.5149	mg/L	0.00057	0.11%
QC value within limits for Lead,7439-92-1 Recovery = 102.99%								
Lithium,7439-93-2	29483.2	0.4284	mg/L	0.00276	0.4284	mg/L	0.00276	0.64%
QC value less than the lower limit for Lithium,7439-93-2 Recovery = 85.67%								
Magnesium,7439-95-4	1265.4	4.6146	mg/L	0.01289	4.6146	mg/L	0.01289	0.28%
QC value within limits for Magnesium,7439-95-4 Recovery = 92.29%								
Manganese,7439-96-5	145267.0	0.5177	mg/L	0.00411	0.5177	mg/L	0.00411	0.79%
QC value within limits for Manganese,7439-96-5 Recovery = 103.54%								
Molybdenum,7439-98-7	3938.8	0.5102	mg/L	0.00220	0.5102	mg/L	0.00220	0.43%
QC value within limits for Molybdenum,7439-98-7 Recovery = 102.05%								
Nickel,7440-02-0	11026.3	0.5293	mg/L	0.00549	0.5293	mg/L	0.00549	1.04%
QC value within limits for Nickel,7440-02-0 Recovery = 105.86%								
Potassium,7440-09-7	16847.6	9.1304	mg/L	0.03192	9.1304	mg/L	0.03192	0.35%
QC value within limits for Potassium,7440-09-7 Recovery = 91.30%								

Selenium,7782-49-2	350.8	0.5178 mg/L	0.00294	0.5178 mg/L	0.00294	0.57%
QC value within limits for Selenium,7782-49-2 Recovery = 103.56%						
Silicon,7440-21-3	121.4	0.4344 mg/L	0.00673	0.4344 mg/L	0.00673	1.55%
QC value less than the lower limit for Silicon,7440-21-3 Recovery = 86.87%						
Silver,7440-22-4	77958.6	0.5098 mg/L	0.00433	0.5098 mg/L	0.00433	0.85%
QC value within limits for Silver,7440-22-4 Recovery = 101.97%						
Sodium,7440-23-5	48516.1	15.918 mg/L	0.1329	15.918 mg/L	0.1329	0.84%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 79.59%						
Strontium,7440-24-6	65797.1	0.4151 mg/L	0.00235	0.4151 mg/L	0.00235	0.57%
QC value less than the lower limit for Strontium,7440-24-6 Recovery = 83.03%						
Thallium,7440-28-0	577.3	0.5198 mg/L	0.00115	0.5198 mg/L	0.00115	0.22%
QC value within limits for Thallium,7440-28-0 Recovery = 103.95%						
Tin,7440-31-5	1429.4	0.5187 mg/L	0.00559	0.5187 mg/L	0.00559	1.08%
QC value within limits for Tin,7440-31-5 Recovery = 103.74%						
Titanium,7440-32-6	146296.1	0.5098 mg/L	0.00492	0.5098 mg/L	0.00492	0.97%
QC value within limits for Titanium,7440-32-6 Recovery = 101.96%						
Vanadium,7440-62-2	33659.5	0.5214 mg/L	0.00351	0.5214 mg/L	0.00351	0.67%
QC value within limits for Vanadium,7440-62-2 Recovery = 104.28%						
Zinc,7440-66-6	16674.0	0.5272 mg/L	0.00561	0.5272 mg/L	0.00561	1.06%
QC value within limits for Zinc,7440-66-6 Recovery = 105.45%						
Zirconium,7440-67-7	99522.6	0.5117 mg/L	0.00380	0.5117 mg/L	0.00380	0.74%
QC value within limits for Zirconium,7440-67-7 Recovery = 102.34%						

QC Failed. Continue with analysis.

==========

Sequence No.: 72
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 7:31:51 PM
Data Type: Reprocessed on 7/27/2006 9:01:25 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scandium-IS	2275605.5	109.89	%	0.774				0.70%
Yttrium,7440-65-5A	1263825.2	109.97	%	0.761				0.69%
Yttrium,7440-65-5R	68301.2	95.243	%	0.1135				0.12%
Ar 420.067 R	1103385.7	82.107	%	0.4196				0.51%
Ar 363.268 A	44911.2	98.214	%	0.5372				0.55%
Aluminum,7429-90-5	9.3	0.0255	mg/L	0.08427	0.0255	mg/L	0.08427	330.50%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0	3.1	0.0032	mg/L	0.00416	0.0032	mg/L	0.00416	128.53%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2	2.3	0.0039	mg/L	0.00527	0.0039	mg/L	0.00527	135.48%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3	4.7	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	50.64%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7	-128.4	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	41.94%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8	533.9	0.0305	mg/L	0.00587	0.0305	mg/L	0.00587	19.25%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9	11.6	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	83.66%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2	15.0	0.0069	mg/L	0.00304	0.0069	mg/L	0.00304	43.92%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3	44.4	0.0008	mg/L	0.00085	0.0008	mg/L	0.00085	107.79%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4	-2.9	-0.0002	mg/L	0.00053	-0.0002	mg/L	0.00053	326.75%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8	14.0	0.0001	mg/L	0.00036	0.0001	mg/L	0.00036	287.70%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6	25.8	0.0184	mg/L	0.00439	0.0184	mg/L	0.00439	23.89%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1	3.2	0.0005	mg/L	0.00044	0.0005	mg/L	0.00044	83.53%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2	-296.3	-0.0043	mg/L	0.00101	-0.0043	mg/L	0.00101	23.41%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4	11.9	0.0436	mg/L	0.02075	0.0436	mg/L	0.02075	47.64%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5	174.5	0.0006	mg/L	0.00015	0.0006	mg/L	0.00015	24.38%

QC value within limits for Manganese,7439-96-5 Recovery = Not calculated

Molybdenum,7439-98-7	-11.7	-0.0015 mg/L	0.00115	-0.0015 mg/L	0.00115	75.53%

QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated

Nickel,7440-02-0	-7.8	-0.0004 mg/L	0.00075	-0.0004 mg/L	0.00075	202.53%

QC value within limits for Nickel,7440-02-0 Recovery = Not calculated

Potassium,7440-09-7	846.9	0.4593 mg/L	0.01023	0.4593 mg/L	0.01023	2.23%

QC value within limits for Potassium,7440-09-7 Recovery = Not calculated

Selenium,7782-49-2	-0.7	-0.0011 mg/L	0.00380	-0.0011 mg/L	0.00380	352.67%

QC value within limits for Selenium,7782-49-2 Recovery = Not calculated

Silicon,7440-21-3	-15.1	-0.0539 mg/L	0.00788	-0.0539 mg/L	0.00788	14.61%

QC value within limits for Silicon,7440-21-3 Recovery = Not calculated

Silver,7440-22-4	-114.3	-0.0008 mg/L	0.00015	-0.0008 mg/L	0.00015	19.36%

QC value within limits for Silver,7440-22-4 Recovery = Not calculated

Sodium,7440-23-5	-3754.3	-1.2349 mg/L	0.01915	-1.2349 mg/L	0.01915	1.55%

QC value within limits for Sodium,7440-23-5 Recovery = Not calculated

Strontium,7440-24-6	-40.5	-0.0003 mg/L	0.00055	-0.0003 mg/L	0.00055	216.67%

QC value within limits for Strontium,7440-24-6 Recovery = Not calculated

Thallium,7440-28-0	4.3	0.0038 mg/L	0.00220	0.0038 mg/L	0.00220	57.24%

QC value within limits for Thallium,7440-28-0 Recovery = Not calculated

Tin,7440-31-5	-2.3	-0.0008 mg/L	0.00101	-0.0008 mg/L	0.00101	123.08%

QC value within limits for Tin,7440-31-5 Recovery = Not calculated

Titanium,7440-32-6	-124.8	-0.0004 mg/L	0.00016	-0.0004 mg/L	0.00016	37.31%

QC value within limits for Titanium,7440-32-6 Recovery = Not calculated

Vanadium,7440-62-2	190.0	0.0029 mg/L	0.00006	0.0029 mg/L	0.00006	1.94%

QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated

Zinc,7440-66-6	289.8	0.0091 mg/L	0.00040	0.0091 mg/L	0.00040	4.34%

QC value within limits for Zinc,7440-66-6 Recovery = Not calculated

Zirconium,7440-67-7	140.7	0.0007 mg/L	0.00026	0.0007 mg/L	0.00026	35.49%

QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated

All analyte(s) passed QC.

Sequence No.: 73
Sample ID: 20607201218
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.25 g
Dilution: 1X

Autosampler Location: 67
Date Collected: 7/26/2006 7:38:58 PM
Data Type: Reprocessed on 7/27/2006 9:01:26 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

RR CLB 7/27/06

Mean Data: 20607201218

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2182862.1	105.41	%	0.403				0.38%
Yttrium,7440-65-5A	1252825.5	109.01	%	0.339				0.31%
Yttrium,7440-65-5R	71322.4	99.456	%	0.5555				0.56%
Ar 420.067 R	1075949.0	80.066	%	0.1371				0.17%
Ar 363.268 A	41926.6	91.687	%	0.5778				0.63%
Aluminum,7429-90-5	67651.0	185.75	mg/L	1.219	7430.1	mg/kg	48.75	0.66%
Antimony,7440-36-0	-28.9	-0.0123	mg/L	0.00262	-0.4920	mg/kg	0.10482	21.31%
Arsenic,7440-38-2	66.9	0.1634	mg/L	0.01699	6.5341	mg/kg	0.67971	10.40%
Barium,7440-39-3	113305.4	2.0832	mg/L	0.01774	83.327	mg/kg	0.7097	0.85%
Beryllium,7440-41-7	24799.9	0.0151	mg/L	0.00008	0.6027	mg/kg	0.00340	0.56%
Boron,7440-42-8	627.4	-0.1898	mg/L	0.00593	-7.5915	mg/kg	0.23711	3.12%
Cadmium,7440-43-9	633.3	0.0068	mg/L	0.00005	0.2719	mg/kg	0.00198	0.73%
Calcium,7440-70-2	1517702.9	699.34	mg/L	4.927	27974	mg/kg	197.1	0.70%
Chromium,7440-47-3	14230.9	0.1959	mg/L	0.00175	7.8351	mg/kg	0.06982	0.89%
Cobalt,7440-48-4	2235.6	0.1219	mg/L	0.00054	4.8779	mg/kg	0.02169	0.44%
Copper,7440-50-8	20091.7	0.1776	mg/L	0.00226	7.1045	mg/kg	0.09025	1.27%
Iron,7439-89-6	366300.5	261.33	mg/L	1.849	10453	mg/kg	74.0	0.71%
Lead,7439-92-1	1399.2	0.2826	mg/L	0.00024	11.306	mg/kg	0.0097	0.09%
Lithium,7439-93-2	19338.0	0.2773	mg/L	0.00304	11.093	mg/kg	0.1215	1.10%
Magnesium,7439-95-4	44007.8	160.45	mg/L	1.228	6417.8	mg/kg	49.13	0.77%
Manganese,7439-96-5	1409489.9	5.0211	mg/L	0.02216	200.84	mg/kg	0.886	0.44%
Molybdenum,7439-98-7	-65.1	-0.0085	mg/L	0.00061	-0.3387	mg/kg	0.02432	7.18%
Nickel,7440-02-0	6434.7	0.3067	mg/L	0.00386	12.270	mg/kg	0.1543	1.26%
Potassium,7440-09-7	90033.3	48.657	mg/L	0.4239	1946.3	mg/kg	16.96	0.87%
Selenium,7782-49-2	-70.8	-0.0105	mg/L	0.01475	-0.4185	mg/kg	0.58998	140.97%
Silicon,7440-21-3	1380.9	4.9551	mg/L	0.02949	198.21	mg/kg	1.179	0.60%
Silver,7440-22-4	-7191.4	-0.0325	mg/L	0.00063	-1.2995	mg/kg	0.02509	1.93%
Sodium,7440-23-5	207417.6	67.576	mg/L	0.4315	2703.1	mg/kg	17.26	0.64%
Strontium,7440-24-6	192037.8	1.2127	mg/L	0.00739	48.506	mg/kg	0.2954	0.61%

Thallium,7440-28-0	-59.8	-0.0423	mg/L	0.00711	-1.6934	mg/kg	0.28437	16.79%
Tin,7440-31-5	-44.1	-0.0151	mg/L	0.00328	-0.6037	mg/kg	0.13136	21.76%
Titanium,7440-32-6	135947.8	0.4735	mg/L	0.00238	18.938	mg/kg	0.0953	0.50%
Vanadium,7440-62-2	27795.2	0.4306	mg/L	0.00279	17.223	mg/kg	0.1115	0.65%
Zinc,7440-66-6	24301.2	0.7775	mg/L	0.00811	31.101	mg/kg	0.3245	1.04%
Zirconium,7440-67-7	26812.6	0.1344	mg/L	0.00053	5.3766	mg/kg	0.02116	0.39%

Sequence No.: 74
Sample ID: 20607201219
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt: 1.26 g
Dilution: 1X

Autosampler Location: 68
Date Collected: 7/26/2006 7:46:04 PM
Data Type: Reprocessed on 7/27/2006 9:01:28 AM

Initial Sample Vol:
Sample Prep Vol: 50 mL

Mean Data: 20607201219

RR CLB 7/27/06

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2190491.0	105.78	%	0.349				0.33%
Yttrium,7440-65-5A	1249405.4	108.71	%	0.313				0.29%
Yttrium,7440-65-5R	70802.0	98.731	%	0.1263				0.13%
Ar 420.067 R	1081703.8	80.494	%	0.3790				0.47%
Ar 363.268 A	42535.9	93.019	%	0.1476				0.16%
Aluminum,7429-90-5	44903.8	123.29	mg/L	0.309	4892.6	mg/kg	12.26	0.25%
Antimony,7440-36-0	-18.4	-0.0051	mg/L	0.00382	-0.2011	mg/kg	0.15141	75.28%
Arsenic,7440-38-2	55.4	0.1293	mg/L	0.00615	5.1329	mg/kg	0.24396	4.75%
Barium,7440-39-3	196748.8	3.6170	mg/L	0.01952	143.53	mg/kg	0.775	0.54%
Beryllium,7440-41-7	18576.6	0.0113	mg/L	0.00001	0.4475	mg/kg	0.00041	0.09%
Boron,7440-42-8	1154.1	-0.1044	mg/L	0.00326	-4.1416	mg/kg	0.12920	3.12%
Cadmium,7440-43-9	585.1	0.0067	mg/L	0.00013	0.2678	mg/kg	0.00527	1.97%
Calcium,7440-70-2	1215902.6	560.27	mg/L	1.868	22233	mg/kg	74.1	0.33%
Chromium,7440-47-3	12660.6	0.1817	mg/L	0.00176	7.2095	mg/kg	0.06995	0.97%
Cobalt,7440-48-4	1461.2	0.0795	mg/L	0.00026	3.1551	mg/kg	0.01046	0.33%
Copper,7440-50-8	21663.6	0.1910	mg/L	0.00152	7.5811	mg/kg	0.06034	0.80%
Iron,7439-89-6	277537.7	198.01	mg/L	0.584	7857.3	mg/kg	23.17	0.29%
Lead,7439-92-1	3486.6	0.6038	mg/L	0.00090	23.960	mg/kg	0.0358	0.15%
Lithium,7439-93-2	12551.9	0.1796	mg/L	0.00036	7.1258	mg/kg	0.01425	0.20%
Magnesium,7439-95-4	30777.5	112.21	mg/L	0.079	4452.7	mg/kg	3.12	0.07%
Manganese,7439-96-5	1170853.1	4.1710	mg/L	0.01650	165.52	mg/kg	0.655	0.40%
Molybdenum,7439-98-7	-29.0	-0.0035	mg/L	0.00093	-0.1370	mg/kg	0.03684	26.89%
Nickel,7440-02-0	4897.7	0.2334	mg/L	0.00121	9.2624	mg/kg	0.04784	0.52%
Potassium,7440-09-7	66123.7	35.730	mg/L	0.0917	1417.9	mg/kg	3.64	0.26%
Selenium,7782-49-2	-45.5	0.0006	mg/L	0.00618	0.0227	mg/kg	0.24522	>999.9%
Silicon,7440-21-3	2083.8	7.4707	mg/L	0.01099	296.46	mg/kg	0.436	0.15%
Silver,7440-22-4	-5258.8	-0.0232	mg/L	0.00020	-0.9191	mg/kg	0.00808	0.88%
Sodium,7440-23-5	173407.6	56.541	mg/L	0.1102	2243.7	mg/kg	4.37	0.19%
Strontium,7440-24-6	157996.8	0.9977	mg/L	0.00409	39.590	mg/kg	0.1623	0.41%
Thallium,7440-28-0	-45.6	-0.0325	mg/L	0.00389	-1.2889	mg/kg	0.15429	11.97%
Tin,7440-31-5	-42.2	-0.0137	mg/L	0.00107	-0.5422	mg/kg	0.04256	7.85%
Titanium,7440-32-6	120708.2	0.4204	mg/L	0.00163	16.683	mg/kg	0.0646	0.39%
Vanadium,7440-62-2	19296.6	0.2989	mg/L	0.00111	11.861	mg/kg	0.0440	0.37%
Zinc,7440-66-6	213540.0	6.7444	mg/L	0.04650	267.64	mg/kg	1.845	0.69%
Zirconium,7440-67-7	22467.2	0.1130	mg/L	0.00042	4.4850	mg/kg	0.01660	0.37%

Sequence No.: 75
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 69
Date Collected: 7/26/2006 7:53:06 PM
Data Type: Reprocessed on 7/27/2006 9:01:30 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2296412.4	110.90	%	1.169				1.05%
Yttrium,7440-65-5A	1277271.9	111.14	%	1.119				1.01%
Yttrium,7440-65-5R	68897.7	96.075	%	0.2971				0.31%
Ar 420.067 R	1099135.7	81.791	%	0.4063				0.50%
Ar 363.268 A	45044.7	98.506	%	0.1604				0.16%

Aluminum,7429-90-5	4.6	0.0127 mg/L	0.02666	0.0127 mg/L	0.02666	210.35%
Antimony,7440-36-0	-2.4	-0.0025 mg/L	0.00143	-0.0025 mg/L	0.00143	57.08%
Arsenic,7440-38-2	1.0	0.0017 mg/L	0.00316	0.0017 mg/L	0.00316	190.94%
Barium,7440-39-3	11.8	0.0002 mg/L	0.00011	0.0002 mg/L	0.00011	52.91%
Beryllium,7440-41-7	-54.4	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	46.93%
Boron,7440-42-8	11.4	0.0006 mg/L	0.00067	0.0006 mg/L	0.00067	105.77%
Cadmium,7440-43-9	-0.6	0.0000 mg/L	0.00010	0.0000 mg/L	0.00010	821.14%
Calcium,7440-70-2	29.1	0.0134 mg/L	0.00514	0.0134 mg/L	0.00514	38.32%
Chromium,7440-47-3	14.0	0.0002 mg/L	0.00042	0.0002 mg/L	0.00042	171.79%
Cobalt,7440-48-4	-11.7	-0.0007 mg/L	0.00052	-0.0007 mg/L	0.00052	80.01%
Copper,7440-50-8	204.6	0.0018 mg/L	0.00030	0.0018 mg/L	0.00030	16.88%
Iron,7439-89-6	35.3	0.0252 mg/L	0.00538	0.0252 mg/L	0.00538	21.39%
Lead,7439-92-1	21.6	0.0035 mg/L	0.00171	0.0035 mg/L	0.00171	49.20%
Lithium,7439-93-2	-207.1	-0.0030 mg/L	0.00178	-0.0030 mg/L	0.00178	58.99%
Magnesium,7439-95-4	16.5	0.0602 mg/L	0.01798	0.0602 mg/L	0.01798	29.86%
Manganese,7439-96-5	-95.5	-0.0003 mg/L	0.00009	-0.0003 mg/L	0.00009	24.94%
Molybdenum,7439-98-7	-17.1	-0.0022 mg/L	0.00037	-0.0022 mg/L	0.00037	16.53%
Nickel,7440-02-0	7.8	0.0004 mg/L	0.00061	0.0004 mg/L	0.00061	163.70%
Potassium,7440-09-7	937.2	0.5082 mg/L	0.02815	0.5082 mg/L	0.02815	5.54%
Selenium,7782-49-2	2.5	0.0038 mg/L	0.00789	0.0038 mg/L	0.00789	210.36%
Silicon,7440-21-3	-18.7	-0.0670 mg/L	0.00262	-0.0670 mg/L	0.00262	3.91%
Silver,7440-22-4	-117.7	-0.0008 mg/L	0.00015	-0.0008 mg/L	0.00015	19.11%
Sodium,7440-23-5	-3743.1	-1.2312 mg/L	0.00965	-1.2312 mg/L	0.00965	0.78%
Strontium,7440-24-6	-25.9	-0.0002 mg/L	0.00026	-0.0002 mg/L	0.00026	157.36%
Thallium,7440-28-0	4.4	0.0039 mg/L	0.00469	0.0039 mg/L	0.00469	120.23%
Tin,7440-31-5	3.6	0.0013 mg/L	0.00081	0.0013 mg/L	0.00081	62.88%
Titanium,7440-32-6	-161.4	-0.0006 mg/L	0.00039	-0.0006 mg/L	0.00039	69.24%
Vanadium,7440-62-2	144.9	0.0022 mg/L	0.00112	0.0022 mg/L	0.00112	49.76%
Zinc,7440-66-6	194.3	0.0061 mg/L	0.00075	0.0061 mg/L	0.00075	12.21%
Zirconium,7440-67-7	109.1	0.0006 mg/L	0.00022	0.0006 mg/L	0.00022	39.27%

Sequence No.: 76
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 70
Date Collected: 7/26/2006 8:00:16 PM
Data Type: Reprocessed on 7/27/2006 9:01:32 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2282426.4	110.22	%	0.545				0.49%
Yttrium,7440-65-5A	1267694.4	110.31	%	0.526				0.48%
Yttrium,7440-65-5R	67785.2	94.524	%	0.5860				0.62%
Ar 420.067 R	1100587.0	81.899	%	0.2472				0.30%
Ar 363.268 A	45054.6	98.527	%	0.2541				0.26%
Aluminum,7429-90-5	-4.1	-0.0111	mg/L	0.03061	-0.0111	mg/L	0.03061	274.76%
Antimony,7440-36-0	-1.7	-0.0018	mg/L	0.00249	-0.0018	mg/L	0.00249	135.72%
Arsenic,7440-38-2	-3.4	-0.0057	mg/L	0.00503	-0.0057	mg/L	0.00503	88.75%
Barium,7440-39-3	8.3	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	65.36%
Beryllium,7440-41-7	-212.5	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	19.72%
Boron,7440-42-8	-70.9	-0.0041	mg/L	0.00188	-0.0041	mg/L	0.00188	46.25%
Cadmium,7440-43-9	-5.9	-0.0001	mg/L	0.00017	-0.0001	mg/L	0.00017	170.72%
Calcium,7440-70-2	-0.5	-0.0002	mg/L	0.00193	-0.0002	mg/L	0.00193	845.33%
Chromium,7440-47-3	54.2	0.0010	mg/L	0.00101	0.0010	mg/L	0.00101	104.93%
Cobalt,7440-48-4	-8.7	-0.0005	mg/L	0.00033	-0.0005	mg/L	0.00033	68.87%
Copper,7440-50-8	141.6	0.0012	mg/L	0.00032	0.0012	mg/L	0.00032	25.48%
Iron,7439-89-6	17.3	0.0123	mg/L	0.00197	0.0123	mg/L	0.00197	15.99%
Lead,7439-92-1	3.5	0.0006	mg/L	0.00168	0.0006	mg/L	0.00168	297.50%
Lithium,7439-93-2	-340.0	-0.0049	mg/L	0.00061	-0.0049	mg/L	0.00061	12.41%
Magnesium,7439-95-4	15.9	0.0581	mg/L	0.02764	0.0581	mg/L	0.02764	47.58%
Manganese,7439-96-5	-107.4	-0.0004	mg/L	0.00008	-0.0004	mg/L	0.00008	19.72%
Molybdenum,7439-98-7	-10.3	-0.0013	mg/L	0.00050	-0.0013	mg/L	0.00050	37.14%
Nickel,7440-02-0	6.4	0.0003	mg/L	0.00077	0.0003	mg/L	0.00077	253.32%
Potassium,7440-09-7	732.7	0.3973	mg/L	0.02365	0.3973	mg/L	0.02365	5.95%
Selenium,7782-49-2	4.1	0.0061	mg/L	0.00598	0.0061	mg/L	0.00598	98.28%
Silicon,7440-21-3	-18.0	-0.0645	mg/L	0.01113	-0.0645	mg/L	0.01113	17.26%
Silver,7440-22-4	-109.8	-0.0007	mg/L	0.00078	-0.0007	mg/L	0.00078	104.86%
Sodium,7440-23-5	-3945.4	-1.2978	mg/L	0.02102	-1.2978	mg/L	0.02102	1.62%
Strontium,7440-24-6	15.5	0.0001	mg/L	0.00072	0.0001	mg/L	0.00072	736.19%

Thallium,7440-28-0	3.0	0.0027 mg/L	0.00245	0.0027 mg/L	0.00245	90.92%
Tin,7440-31-5	-2.5	-0.0009 mg/L	0.00145	-0.0009 mg/L	0.00145	157.23%
Titanium,7440-32-6	-113.3	-0.0004 mg/L	0.00023	-0.0004 mg/L	0.00023	59.46%
Vanadium,7440-62-2	191.5	0.0030 mg/L	0.00037	0.0030 mg/L	0.00037	12.51%
Zinc,7440-66-6	124.4	0.0039 mg/L	0.00025	0.0039 mg/L	0.00025	6.30%
Zirconium,7440-67-7	3.3	0.0000 mg/L	0.00034	0.0000 mg/L	0.00034	>999.9%

Sequence No.: 77
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 71
Date Collected: 7/26/2006 8:07:28 PM
Data Type: Reprocessed on 7/27/2006 9:01:33 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2290767.5	110.63	%	0.555				0.50%
Yttrium,7440-65-5A	1272262.5	110.70	%	0.597				0.54%
Yttrium,7440-65-5R	67242.8	93.767	%	1.4945				1.59%
Ar 420.067 R	1099083.7	81.787	%	0.7419				0.91%
Ar 363.268 A	45116.9	98.663	%	0.4019				0.41%
Aluminum,7429-90-5	12.2	0.0334	mg/L	0.01140	0.0334	mg/L	0.01140	34.13%
Antimony,7440-36-0	4.5	0.0048	mg/L	0.00283	0.0048	mg/L	0.00283	58.98%
Arsenic,7440-38-2	-0.7	-0.0012	mg/L	0.00504	-0.0012	mg/L	0.00504	436.56%
Barium,7440-39-3	10.7	0.0002	mg/L	0.00017	0.0002	mg/L	0.00017	86.70%
Beryllium,7440-41-7	-58.0	0.0000	mg/L	0.00008	0.0000	mg/L	0.00008	230.95%
Boron,7440-42-8	-90.0	-0.0052	mg/L	0.00133	-0.0052	mg/L	0.00133	25.74%
Cadmium,7440-43-9	-6.0	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	51.11%
Calcium,7440-70-2	-8.7	-0.0040	mg/L	0.00263	-0.0040	mg/L	0.00263	65.61%
Chromium,7440-47-3	43.5	0.0008	mg/L	0.00092	0.0008	mg/L	0.00092	118.85%
Cobalt,7440-48-4	-6.4	-0.0004	mg/L	0.00091	-0.0004	mg/L	0.00091	256.43%
Copper,7440-50-8	183.9	0.0016	mg/L	0.00072	0.0016	mg/L	0.00072	44.73%
Iron,7439-89-6	12.8	0.0091	mg/L	0.00441	0.0091	mg/L	0.00441	48.44%
Lead,7439-92-1	8.1	0.0013	mg/L	0.00105	0.0013	mg/L	0.00105	81.03%
Lithium,7439-93-2	-385.8	-0.0056	mg/L	0.00024	-0.0056	mg/L	0.00024	4.26%
Magnesium,7439-95-4	14.2	0.0519	mg/L	0.03316	0.0519	mg/L	0.03316	63.93%
Manganese,7439-96-5	-50.4	-0.0002	mg/L	0.00007	-0.0002	mg/L	0.00007	37.04%
Molybdenum,7439-98-7	-9.2	-0.0012	mg/L	0.00045	-0.0012	mg/L	0.00045	37.81%
Nickel,7440-02-0	26.0	0.0012	mg/L	0.00084	0.0012	mg/L	0.00084	67.41%
Potassium,7440-09-7	777.2	0.4215	mg/L	0.01739	0.4215	mg/L	0.01739	4.13%
Selenium,7782-49-2	1.9	0.0029	mg/L	0.00725	0.0029	mg/L	0.00725	254.33%
Silicon,7440-21-3	-17.9	-0.0641	mg/L	0.00689	-0.0641	mg/L	0.00689	10.75%
Silver,7440-22-4	-140.7	-0.0009	mg/L	0.00030	-0.0009	mg/L	0.00030	31.56%
Sodium,7440-23-5	-4011.7	-1.3196	mg/L	0.02814	-1.3196	mg/L	0.02814	2.13%
Strontium,7440-24-6	29.4	0.0002	mg/L	0.00050	0.0002	mg/L	0.00050	272.09%
Thallium,7440-28-0	3.5	0.0031	mg/L	0.00606	0.0031	mg/L	0.00606	196.34%
Tin,7440-31-5	-4.2	-0.0015	mg/L	0.00228	-0.0015	mg/L	0.00228	150.84%
Titanium,7440-32-6	-146.3	-0.0005	mg/L	0.00015	-0.0005	mg/L	0.00015	28.59%
Vanadium,7440-62-2	181.5	0.0028	mg/L	0.00074	0.0028	mg/L	0.00074	26.44%
Zinc,7440-66-6	88.6	0.0028	mg/L	0.00050	0.0028	mg/L	0.00050	17.83%
Zirconium,7440-67-7	39.6	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	38.24%

Sequence No.: 78
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 72
Date Collected: 7/26/2006 8:14:31 PM
Data Type: Reprocessed on 7/27/2006 9:01:35 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2311591.5	111.63	%	1.042				0.93%
Yttrium,7440-65-5A	1285138.0	111.82	%	0.989				0.88%
Yttrium,7440-65-5R	67700.0	94.405	%	0.2980				0.32%
Ar 420.067 R	1098180.8	81.720	%	0.3685				0.45%
Ar 363.268 A	45224.4	98.899	%	0.2057				0.21%

Aluminum,7429-90-5	11.4	0.0313	mg/L	0.05806	0.0313	mg/L	0.05806 185.59%
Antimony,7440-36-0	0.0	0.0000	mg/L	0.00402	0.0000	mg/L	0.00402 >999.9%
Arsenic,7440-38-2	-5.6	-0.0094	mg/L	0.00532	-0.0094	mg/L	0.00532 56.70%
Barium,7440-39-3	15.9	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008 27.11%
Beryllium,7440-41-7	-100.6	-0.0001	mg/L	0.00006	-0.0001	mg/L	0.00006 91.54%
Boron,7440-42-8	-127.2	-0.0073	mg/L	0.00145	-0.0073	mg/L	0.00145 19.86%
Cadmium,7440-43-9	3.5	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010 169.13%
Calcium,7440-70-2	3.6	0.0017	mg/L	0.00048	0.0017	mg/L	0.00048 28.69%
Chromium,7440-47-3	21.0	0.0004	mg/L	0.00116	0.0004	mg/L	0.00116 311.88%
Cobalt,7440-48-4	-6.6	-0.0004	mg/L	0.00010	-0.0004	mg/L	0.00010 27.64%
Copper,7440-50-8	181.2	0.0016	mg/L	0.00033	0.0016	mg/L	0.00033 20.73%
Iron,7439-89-6	14.7	0.0105	mg/L	0.00164	0.0105	mg/L	0.00164 15.57%
Lead,7439-92-1	9.6	0.0015	mg/L	0.00038	0.0015	mg/L	0.00038 24.53%
Lithium,7439-93-2	-362.6	-0.0053	mg/L	0.00105	-0.0053	mg/L	0.00105 19.98%
Magnesium,7439-95-4	9.4	0.0344	mg/L	0.01711	0.0344	mg/L	0.01711 49.75%
Manganese,7439-96-5	-73.2	-0.0003	mg/L	0.00011	-0.0003	mg/L	0.00011 42.78%
Molybdenum,7439-98-7	-9.6	-0.0012	mg/L	0.00033	-0.0012	mg/L	0.00033 26.41%
Nickel,7440-02-0	29.2	0.0014	mg/L	0.00021	0.0014	mg/L	0.00021 14.82%
Potassium,7440-09-7	804.8	0.4364	mg/L	0.03646	0.4364	mg/L	0.03646 8.36%
Selenium,7782-49-2	3.1	0.0046	mg/L	0.00978	0.0046	mg/L	0.00978 214.80%
Silicon,7440-21-3	-16.1	-0.0575	mg/L	0.00148	-0.0575	mg/L	0.00148 2.57%
Silver,7440-22-4	-230.7	-0.0015	mg/L	0.00032	-0.0015	mg/L	0.00032 20.70%
Sodium,7440-23-5	-4033.6	-1.3268	mg/L	0.00827	-1.3268	mg/L	0.00827 0.62%
Strontium,7440-24-6	2.4	0.0000	mg/L	0.00041	0.0000	mg/L	0.00041 >999.9%
Thallium,7440-28-0	1.6	0.0014	mg/L	0.00418	0.0014	mg/L	0.00418 298.58%
Tin,7440-31-5	-0.2	-0.0001	mg/L	0.00163	-0.0001	mg/L	0.00163 >999.9%
Titanium,7440-32-6	-198.3	-0.0007	mg/L	0.00027	-0.0007	mg/L	0.00027 38.50%
Vanadium,7440-62-2	161.0	0.0025	mg/L	0.00004	0.0025	mg/L	0.00004 1.76%
Zinc,7440-66-6	63.9	0.0020	mg/L	0.00011	0.0020	mg/L	0.00011 5.25%
Zirconium,7440-67-7	-69.9	-0.0004	mg/L	0.00062	-0.0004	mg/L	0.00062 173.41%

Sequence No.: 79
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 73
Date Collected: 7/26/2006 8:21:35 PM
Data Type: Reprocessed on 7/27/2006 9:01:37 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2285193.7	110.36	%	0.737				0.67%
Yttrium,7440-65-5A	1270991.6	110.59	%	0.650				0.59%
Yttrium,7440-65-5R	68077.2	94.931	%	0.2652				0.28%
Ar 420.067 R	1093484.5	81.371	%	0.5166				0.63%
Ar 363.268 A	45064.5	98.549	%	0.4555				0.46%
Aluminum,7429-90-5	6.8	0.0186	mg/L	0.02236	0.0186	mg/L	0.02236	120.34%
Antimony,7440-36-0	-0.7	-0.0008	mg/L	0.00038	-0.0008	mg/L	0.00038	49.11%
Arsenic,7440-38-2	-0.8	-0.0014	mg/L	0.00362	-0.0014	mg/L	0.00362	264.82%
Barium,7440-39-3	10.5	0.0002	mg/L	0.00004	0.0002	mg/L	0.00004	19.07%
Beryllium,7440-41-7	-114.0	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	46.70%
Boron,7440-42-8	-130.1	-0.0074	mg/L	0.00188	-0.0074	mg/L	0.00188	25.32%
Cadmium,7440-43-9	-3.3	-0.0001	mg/L	0.00009	-0.0001	mg/L	0.00009	160.18%
Calcium,7440-70-2	3.0	0.0014	mg/L	0.00622	0.0014	mg/L	0.00622	447.64%
Chromium,7440-47-3	47.3	0.0008	mg/L	0.00034	0.0008	mg/L	0.00034	40.42%
Cobalt,7440-48-4	-4.1	-0.0002	mg/L	0.00082	-0.0002	mg/L	0.00082	363.53%
Copper,7440-50-8	149.1	0.0013	mg/L	0.00049	0.0013	mg/L	0.00049	37.82%
Iron,7439-89-6	16.2	0.0116	mg/L	0.00184	0.0116	mg/L	0.00184	15.94%
Lead,7439-92-1	10.0	0.0016	mg/L	0.00228	0.0016	mg/L	0.00228	141.55%
Lithium,7439-93-2	-355.5	-0.0052	mg/L	0.00062	-0.0052	mg/L	0.00062	12.06%
Magnesium,7439-95-4	7.8	0.0286	mg/L	0.04146	0.0286	mg/L	0.04146	145.02%
Manganese,7439-96-5	-51.4	-0.0002	mg/L	0.00013	-0.0002	mg/L	0.00013	73.16%
Molybdenum,7439-98-7	-4.7	-0.0006	mg/L	0.00068	-0.0006	mg/L	0.00068	110.47%
Nickel,7440-02-0	16.9	0.0008	mg/L	0.00063	0.0008	mg/L	0.00063	77.67%
Potassium,7440-09-7	811.8	0.4402	mg/L	0.01515	0.4402	mg/L	0.01515	3.44%
Selenium,7782-49-2	4.8	0.0071	mg/L	0.00226	0.0071	mg/L	0.00226	32.02%
Silicon,7440-21-3	-15.8	-0.0568	mg/L	0.00250	-0.0568	mg/L	0.00250	4.41%
Silver,7440-22-4	-259.1	-0.0017	mg/L	0.00064	-0.0017	mg/L	0.00064	36.88%
Sodium,7440-23-5	-4120.3	-1.3553	mg/L	0.01552	-1.3553	mg/L	0.01552	1.14%
Strontium,7440-24-6	-12.3	-0.0001	mg/L	0.00006	-0.0001	mg/L	0.00006	78.01%

Thallium,7440-28-0	3.6	0.0032 mg/L	0.00408	0.0032 mg/L	0.00408	125.92%
Tin,7440-31-5	-0.2	-0.0001 mg/L	0.00071	-0.0001 mg/L	0.00071	831.45%
Titanium,7440-32-6	-217.1	-0.0008 mg/L	0.00027	-0.0008 mg/L	0.00027	35.83%
Vanadium,7440-62-2	128.1	0.0020 mg/L	0.00035	0.0020 mg/L	0.00035	17.61%
Zinc,7440-66-6	55.2	0.0017 mg/L	0.00028	0.0017 mg/L	0.00028	15.96%
Zirconium,7440-67-7	-135.3	-0.0007 mg/L	0.00033	-0.0007 mg/L	0.00033	47.94%

Sequence No.: 80
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 74
Date Collected: 7/26/2006 8:28:41 PM
Data Type: Reprocessed on 7/27/2006 9:01:40 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2269708.6	109.61	%	1.236				1.13%
Yttrium,7440-65-5A	1261702.7	109.78	%	1.263				1.15%
Yttrium,7440-65-5R	67932.2	94.729	%	1.0344				1.09%
Ar 420.067 R	1094593.2	81.453	%	0.3707				0.46%
Ar 363.268 A	45233.3	98.918	%	0.7822				0.79%
Aluminum,7429-90-5	4.9	0.0134	mg/L	0.01035	0.0134	mg/L	0.01035	77.37%
Antimony,7440-36-0	-1.2	-0.0012	mg/L	0.00422	-0.0012	mg/L	0.00422	339.43%
Arsenic,7440-38-2	2.2	0.0036	mg/L	0.00205	0.0036	mg/L	0.00205	56.33%
Barium,7440-39-3	2.2	0.0000	mg/L	0.00018	0.0000	mg/L	0.00018	460.20%
Beryllium,7440-41-7	21.2	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	136.84%
Boron,7440-42-8	-179.6	-0.0103	mg/L	0.00263	-0.0103	mg/L	0.00263	25.64%
Cadmium,7440-43-9	-7.9	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	23.69%
Calcium,7440-70-2	-8.9	-0.0041	mg/L	0.00491	-0.0041	mg/L	0.00491	119.76%
Chromium,7440-47-3	-26.3	-0.0005	mg/L	0.00043	-0.0005	mg/L	0.00043	91.64%
Cobalt,7440-48-4	-2.5	-0.0001	mg/L	0.00013	-0.0001	mg/L	0.00013	91.43%
Copper,7440-50-8	152.4	0.0013	mg/L	0.00032	0.0013	mg/L	0.00032	24.42%
Iron,7439-89-6	14.6	0.0104	mg/L	0.00379	0.0104	mg/L	0.00379	36.33%
Lead,7439-92-1	-1.5	-0.0002	mg/L	0.00213	-0.0002	mg/L	0.00213	888.53%
Lithium,7439-93-2	-362.6	-0.0053	mg/L	0.00108	-0.0053	mg/L	0.00108	20.56%
Magnesium,7439-95-4	14.6	0.0534	mg/L	0.04356	0.0534	mg/L	0.04356	81.55%
Manganese,7439-96-5	-66.7	-0.0002	mg/L	0.00007	-0.0002	mg/L	0.00007	30.30%
Molybdenum,7439-98-7	-6.0	-0.0008	mg/L	0.00084	-0.0008	mg/L	0.00084	108.30%
Nickel,7440-02-0	4.7	0.0002	mg/L	0.00051	0.0002	mg/L	0.00051	225.75%
Potassium,7440-09-7	767.3	0.4161	mg/L	0.02220	0.4161	mg/L	0.02220	5.34%
Selenium,7782-49-2	1.6	0.0023	mg/L	0.01417	0.0023	mg/L	0.01417	605.16%
Silicon,7440-21-3	-19.2	-0.0687	mg/L	0.00131	-0.0687	mg/L	0.00131	1.90%
Silver,7440-22-4	-293.7	-0.0019	mg/L	0.00018	-0.0019	mg/L	0.00018	9.44%
Sodium,7440-23-5	-4125.6	-1.3570	mg/L	0.00432	-1.3570	mg/L	0.00432	0.32%
Strontium,7440-24-6	-48.6	-0.0003	mg/L	0.00046	-0.0003	mg/L	0.00046	149.91%
Thallium,7440-28-0	-2.5	-0.0023	mg/L	0.00249	-0.0023	mg/L	0.00249	109.72%
Tin,7440-31-5	1.3	0.0005	mg/L	0.00165	0.0005	mg/L	0.00165	346.70%
Titanium,7440-32-6	-256.4	-0.0009	mg/L	0.00020	-0.0009	mg/L	0.00020	22.42%
Vanadium,7440-62-2	82.8	0.0013	mg/L	0.00121	0.0013	mg/L	0.00121	94.03%
Zinc,7440-66-6	33.9	0.0011	mg/L	0.00009	0.0011	mg/L	0.00009	8.39%
Zirconium,7440-67-7	-46.9	-0.0002	mg/L	0.00052	-0.0002	mg/L	0.00052	212.59%

Sequence No.: 81
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 75
Date Collected: 7/26/2006 8:35:47 PM
Data Type: Reprocessed on 7/27/2006 9:01:46 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2285379.7	110.37	%	1.286				1.17%
Yttrium,7440-65-5A	1270788.2	110.57	%	1.305				1.18%
Yttrium,7440-65-5R	67911.1	94.699	%	0.4368				0.46%
Ar 420.067 R	1091992.8	81.260	%	0.2275				0.28%
Ar 363.268 A	45045.5	98.507	%	0.1374				0.14%

Aluminum,7429-90-5	7.7	0.0211 mg/L	0.02272	0.0211 mg/L	0.02272	107.41%
Antimony,7440-36-0	-2.3	-0.0024 mg/L	0.00970	-0.0024 mg/L	0.00970	405.84%
Arsenic,7440-38-2	-2.3	-0.0038 mg/L	0.00144	-0.0038 mg/L	0.00144	37.55%
Barium,7440-39-3	11.2	0.0002 mg/L	0.00023	0.0002 mg/L	0.00023	115.88%
Beryllium,7440-41-7	-102.0	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	24.16%
Boron,7440-42-8	-147.0	-0.0084 mg/L	0.00061	-0.0084 mg/L	0.00061	7.20%
Cadmium,7440-43-9	-0.8	0.0000 mg/L	0.00003	0.0000 mg/L	0.00003	186.66%
Calcium,7440-70-2	-5.5	-0.0025 mg/L	0.00408	-0.0025 mg/L	0.00408	160.98%
Chromium,7440-47-3	23.8	0.0004 mg/L	0.00018	0.0004 mg/L	0.00018	41.72%
Cobalt,7440-48-4	-4.0	-0.0002 mg/L	0.00027	-0.0002 mg/L	0.00027	118.54%
Copper,7440-50-8	263.5	0.0023 mg/L	0.00027	0.0023 mg/L	0.00027	11.54%
Iron,7439-89-6	12.1	0.0086 mg/L	0.00298	0.0086 mg/L	0.00298	34.59%
Lead,7439-92-1	7.2	0.0012 mg/L	0.00264	0.0012 mg/L	0.00264	227.50%
Lithium,7439-93-2	-391.0	-0.0057 mg/L	0.00073	-0.0057 mg/L	0.00073	12.78%
Magnesium,7439-95-4	13.5	0.0491 mg/L	0.02089	0.0491 mg/L	0.02089	42.59%
Manganese,7439-96-5	-71.9	-0.0003 mg/L	0.00011	-0.0003 mg/L	0.00011	41.91%
Molybdenum,7439-98-7	-12.0	-0.0016 mg/L	0.00052	-0.0016 mg/L	0.00052	33.13%
Nickel,7440-02-0	8.1	0.0004 mg/L	0.00022	0.0004 mg/L	0.00022	55.75%
Potassium,7440-09-7	792.9	0.4300 mg/L	0.05924	0.4300 mg/L	0.05924	13.78%
Selenium,7782-49-2	1.2	0.0018 mg/L	0.00744	0.0018 mg/L	0.00744	420.06%
Silicon,7440-21-3	-20.4	-0.0730 mg/L	0.01076	-0.0730 mg/L	0.01076	14.75%
Silver,7440-22-4	-127.5	-0.0009 mg/L	0.00067	-0.0009 mg/L	0.00067	77.89%
Sodium,7440-23-5	-4169.7	-1.3715 mg/L	0.02596	-1.3715 mg/L	0.02596	1.89%
Strontium,7440-24-6	-17.6	-0.0001 mg/L	0.00019	-0.0001 mg/L	0.00019	167.11%
Thallium,7440-28-0	1.5	0.0013 mg/L	0.00572	0.0013 mg/L	0.00572	438.86%
Tin,7440-31-5	3.2	0.0012 mg/L	0.00374	0.0012 mg/L	0.00374	319.20%
Titanium,7440-32-6	-233.5	-0.0008 mg/L	0.00036	-0.0008 mg/L	0.00036	44.54%
Vanadium,7440-62-2	157.0	0.0024 mg/L	0.00088	0.0024 mg/L	0.00088	36.16%
Zinc,7440-66-6	32.5	0.0010 mg/L	0.00024	0.0010 mg/L	0.00024	23.39%
Zirconium,7440-67-7	-70.4	-0.0004 mg/L	0.00030	-0.0004 mg/L	0.00030	83.11%

Sequence No.: 82
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 76
Date Collected: 7/26/2006 8:42:52 PM
Data Type: Reprocessed on 7/27/2006 9:01:48 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2321498.8	112.11	%	0.718				0.64%
Yttrium,7440-65-5A	1289273.1	112.18	%	0.676				0.60%
Yttrium,7440-65-5R	68329.3	95.283	%	0.6764				0.71%
Ar 420.067 R	1109768.2	82.582	%	0.1974				0.24%
Ar 363.268 A	45323.3	99.115	%	0.2964				0.30%
Aluminum,7429-90-5	3.2	0.0087	mg/L	0.01155	0.0087	mg/L	0.01155	133.23%
Antimony,7440-36-0	0.7	0.0007	mg/L	0.00188	0.0007	mg/L	0.00188	279.61%
Arsenic,7440-38-2	-3.3	-0.0056	mg/L	0.00315	-0.0056	mg/L	0.00315	56.53%
Barium,7440-39-3	1.5	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	274.55%
Beryllium,7440-41-7	-252.9	-0.0002	mg/L	0.00004	-0.0002	mg/L	0.00004	26.44%
Boron,7440-42-8	-135.3	-0.0077	mg/L	0.00170	-0.0077	mg/L	0.00170	21.93%
Cadmium,7440-43-9	-0.2	0.0000	mg/L	0.00020	0.0000	mg/L	0.00020	>999.9%
Calcium,7440-70-2	-3.5	-0.0016	mg/L	0.00682	-0.0016	mg/L	0.00682	419.88%
Chromium,7440-47-3	-13.8	-0.0002	mg/L	0.00142	-0.0002	mg/L	0.00142	575.26%
Cobalt,7440-48-4	-16.1	-0.0009	mg/L	0.00046	-0.0009	mg/L	0.00046	52.19%
Copper,7440-50-8	174.7	0.0015	mg/L	0.00049	0.0015	mg/L	0.00049	32.16%
Iron,7439-89-6	8.6	0.0061	mg/L	0.00344	0.0061	mg/L	0.00344	55.95%
Lead,7439-92-1	-0.9	-0.0001	mg/L	0.00079	-0.0001	mg/L	0.00079	561.39%
Lithium,7439-93-2	-294.1	-0.0043	mg/L	0.00072	-0.0043	mg/L	0.00072	16.91%
Magnesium,7439-95-4	10.1	0.0369	mg/L	0.01409	0.0369	mg/L	0.01409	38.24%
Manganese,7439-96-5	-100.2	-0.0004	mg/L	0.00014	-0.0004	mg/L	0.00014	38.06%
Molybdenum,7439-98-7	-7.8	-0.0010	mg/L	0.00043	-0.0010	mg/L	0.00043	42.78%
Nickel,7440-02-0	17.5	0.0008	mg/L	0.00048	0.0008	mg/L	0.00048	56.78%
Potassium,7440-09-7	665.2	0.3607	mg/L	0.03756	0.3607	mg/L	0.03756	10.41%
Selenium,7782-49-2	-0.1	-0.0002	mg/L	0.01027	-0.0002	mg/L	0.01027	>999.9%
Silicon,7440-21-3	-12.5	-0.0446	mg/L	0.00492	-0.0446	mg/L	0.00492	11.02%
Silver,7440-22-4	3.3	0.0000	mg/L	0.00060	0.0000	mg/L	0.00060	>999.9%
Sodium,7440-23-5	-4173.2	-1.3727	mg/L	0.01437	-1.3727	mg/L	0.01437	1.05%
Strontium,7440-24-6	22.9	0.0001	mg/L	0.00051	0.0001	mg/L	0.00051	355.35%

Thallium,7440-28-0	-2.9	-0.0026 mg/L	0.00938	-0.0026 mg/L	0.00938	362.88%
Tin,7440-31-5	0.6	0.0002 mg/L	0.00064	0.0002 mg/L	0.00064	295.75%
Titanium,7440-32-6	-49.8	-0.0002 mg/L	0.00022	-0.0002 mg/L	0.00022	128.65%
Vanadium,7440-62-2	178.5	0.0028 mg/L	0.00058	0.0028 mg/L	0.00058	20.99%
Zinc,7440-66-6	29.8	0.0009 mg/L	0.00031	0.0009 mg/L	0.00031	32.74%
Zirconium,7440-67-7	-49.4	-0.0003 mg/L	0.00037	-0.0003 mg/L	0.00037	145.99%

Sequence No.: 83
Sample ID: 1800
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/26/2006 8:49:58 PM
Data Type: Reprocessed on 7/27/2006 9:01:49 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2264273.1	109.35	%	1.024				0.94%
Yttrium,7440-65-5A	1236455.5	107.59	%	1.024				0.95%
Yttrium,7440-65-5R	67852.2	94.617	%	1.3294				1.41%
Ar 420.067 R	1100792.1	81.914	%	0.4627				0.56%
Ar 363.268 A	45434.9	99.359	%	0.0963				0.10%
Aluminum,7429-90-5	1660.5	4.5634	mg/L	0.01558	4.5634	mg/L	0.01558	0.34%
QC value within limits for Aluminum,7429-90-5 Recovery = 91.27%								
Antimony,7440-36-0	476.0	0.5124	mg/L	0.00553	0.5124	mg/L	0.00553	1.08%
QC value within limits for Antimony,7440-36-0 Recovery = 102.49%								
Arsenic,7440-38-2	296.3	0.4971	mg/L	0.00419	0.4971	mg/L	0.00419	0.84%
QC value within limits for Arsenic,7440-38-2 Recovery = 99.41%								
Barium,7440-39-3	27767.1	0.5097	mg/L	0.00621	0.5097	mg/L	0.00621	1.22%
QC value within limits for Barium,7440-39-3 Recovery = 101.93%								
Beryllium,7440-41-7	828004.2	0.5017	mg/L	0.00632	0.5017	mg/L	0.00632	1.26%
QC value within limits for Beryllium,7440-41-7 Recovery = 100.33%								
Boron,7440-42-8	44051.8	2.5133	mg/L	0.03484	2.5133	mg/L	0.03484	1.39%
QC value within limits for Boron,7440-42-8 Recovery = 100.53%								
Cadmium,7440-43-9	30264.6	0.5115	mg/L	0.00810	0.5115	mg/L	0.00810	1.58%
QC value within limits for Cadmium,7440-43-9 Recovery = 102.30%								
Calcium,7440-70-2	9739.6	4.4933	mg/L	0.02413	4.4933	mg/L	0.02413	0.54%
QC value within limits for Calcium,7440-70-2 Recovery = 89.87%								
Chromium,7440-47-3	28786.1	0.5123	mg/L	0.00596	0.5123	mg/L	0.00596	1.16%
QC value within limits for Chromium,7440-47-3 Recovery = 102.47%								
Cobalt,7440-48-4	9140.3	0.5028	mg/L	0.00295	0.5028	mg/L	0.00295	0.59%
QC value within limits for Cobalt,7440-48-4 Recovery = 100.57%								
Copper,7440-50-8	58506.4	0.5128	mg/L	0.00624	0.5128	mg/L	0.00624	1.22%
QC value within limits for Copper,7440-50-8 Recovery = 102.55%								
Iron,7439-89-6	6510.5	4.6462	mg/L	0.02124	4.6462	mg/L	0.02124	0.46%
QC value within limits for Iron,7439-89-6 Recovery = 92.92%								
Lead,7439-92-1	3138.8	0.5041	mg/L	0.00323	0.5041	mg/L	0.00323	0.64%
QC value within limits for Lead,7439-92-1 Recovery = 100.82%								
Lithium,7439-93-2	29539.5	0.4292	mg/L	0.00480	0.4292	mg/L	0.00480	1.12%
QC value less than the lower limit for Lithium,7439-93-2 Recovery = 85.84%								
Magnesium,7439-95-4	1273.3	4.6435	mg/L	0.02930	4.6435	mg/L	0.02930	0.63%
QC value within limits for Magnesium,7439-95-4 Recovery = 92.87%								
Manganese,7439-96-5	143498.6	0.5114	mg/L	0.00622	0.5114	mg/L	0.00622	1.22%
QC value within limits for Manganese,7439-96-5 Recovery = 102.27%								
Molybdenum,7439-98-7	3870.1	0.5013	mg/L	0.00214	0.5013	mg/L	0.00214	0.43%
QC value within limits for Molybdenum,7439-98-7 Recovery = 100.27%								
Nickel,7440-02-0	10822.1	0.5195	mg/L	0.00560	0.5195	mg/L	0.00560	1.08%
QC value within limits for Nickel,7440-02-0 Recovery = 103.90%								
Potassium,7440-09-7	16542.2	8.9649	mg/L	0.09294	8.9649	mg/L	0.09294	1.04%
QC value within limits for Potassium,7440-09-7 Recovery = 89.65%								
Selenium,7782-49-2	344.0	0.5077	mg/L	0.00463	0.5077	mg/L	0.00463	0.91%
QC value within limits for Selenium,7782-49-2 Recovery = 101.55%								
Silicon,7440-21-3	122.2	0.4372	mg/L	0.00238	0.4372	mg/L	0.00238	0.54%
QC value less than the lower limit for Silicon,7440-21-3 Recovery = 87.44%								
Silver,7440-22-4	77316.4	0.5057	mg/L	0.00581	0.5057	mg/L	0.00581	1.15%
QC value within limits for Silver,7440-22-4 Recovery = 101.14%								
Sodium,7440-23-5	47969.8	15.739	mg/L	0.2298	15.739	mg/L	0.2298	1.46%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 78.69%								
Strontium,7440-24-6	65134.5	0.4109	mg/L	0.00664	0.4109	mg/L	0.00664	1.62%
QC value less than the lower limit for Strontium,7440-24-6 Recovery = 82.19%								

Thallium,7440-28-0	569.5	0.5127 mg/L	0.00271	0.5127 mg/L	0.00271	0.53%
QC value within limits for Thallium,7440-28-0 Recovery = 102.55%						
Tin,7440-31-5	1394.9	0.5062 mg/L	0.00222	0.5062 mg/L	0.00222	0.44%
QC value within limits for Tin,7440-31-5 Recovery = 101.23%						
Titanium,7440-32-6	143648.1	0.5006 mg/L	0.00525	0.5006 mg/L	0.00525	1.05%
QC value within limits for Titanium,7440-32-6 Recovery = 100.12%						
Vanadium,7440-62-2	32966.5	0.5106 mg/L	0.00501	0.5106 mg/L	0.00501	0.98%
QC value within limits for Vanadium,7440-62-2 Recovery = 102.13%						
Zinc,7440-66-6	16364.4	0.5174 mg/L	0.00471	0.5174 mg/L	0.00471	0.91%
QC value within limits for Zinc,7440-66-6 Recovery = 103.49%						
Zirconium,7440-67-7	98453.5	0.5062 mg/L	0.00559	0.5062 mg/L	0.00559	1.10%
QC value within limits for Zirconium,7440-67-7 Recovery = 101.23%						

QC Failed. Continue with analysis.

Sequence No.: 84
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 8:57:12 PM
Data Type: Reprocessed on 7/27/2006 9:01:51 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2271884.5	109.71	%	0.986				0.90%
Yttrium,7440-65-5A	1262629.3	109.86	%	0.960				0.87%
Yttrium,7440-65-5R	68414.6	95.402	%	0.4083				0.43%
Ar 420.067 R	1099474.3	81.816	%	0.2787				0.34%
Ar 363.268 A	45103.8	98.635	%	0.3394				0.34%
Aluminum,7429-90-5	-11.1	-0.0305	mg/L	0.02439	-0.0305	mg/L	0.02439	80.02%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0	5.3	0.0056	mg/L	0.00089	0.0056	mg/L	0.00089	15.70%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2	-0.9	-0.0014	mg/L	0.00360	-0.0014	mg/L	0.00360	248.44%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3	16.2	0.0003	mg/L	0.00007	0.0003	mg/L	0.00007	23.39%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7	-32.9	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	160.75%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8	465.2	0.0266	mg/L	0.00314	0.0266	mg/L	0.00314	11.81%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9	5.4	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	19.61%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2	8.5	0.0039	mg/L	0.00384	0.0039	mg/L	0.00384	98.04%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3	20.6	0.0004	mg/L	0.00094	0.0004	mg/L	0.00094	257.77%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4	1.2	0.0001	mg/L	0.00021	0.0001	mg/L	0.00021	317.78%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8	76.4	0.0007	mg/L	0.00015	0.0007	mg/L	0.00015	22.74%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6	20.9	0.0149	mg/L	0.00278	0.0149	mg/L	0.00278	18.60%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1	4.9	0.0008	mg/L	0.00110	0.0008	mg/L	0.00110	139.80%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2	-307.8	-0.0045	mg/L	0.00078	-0.0045	mg/L	0.00078	17.53%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4	9.6	0.0350	mg/L	0.01522	0.0350	mg/L	0.01522	43.44%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5	145.3	0.0005	mg/L	0.00020	0.0005	mg/L	0.00020	39.55%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7	-5.6	-0.0007	mg/L	0.00113	-0.0007	mg/L	0.00113	154.38%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0	-2.7	-0.0001	mg/L	0.00033	-0.0001	mg/L	0.00033	256.68%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7	806.1	0.4371	mg/L	0.02079	0.4371	mg/L	0.02079	4.76%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2	-2.2	-0.0032	mg/L	0.00497	-0.0032	mg/L	0.00497	155.45%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3	-11.9	-0.0425	mg/L	0.00136	-0.0425	mg/L	0.00136	3.20%

QC value within limits for Silicon,7440-21-3 Recovery = Not calculated
Silver,7440-22-4 -363.8 -0.0024 mg/L 0.00102 -0.0024 mg/L 0.00102 42.44%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated
Sodium,7440-23-5 -4213.5 -1.3859 mg/L 0.01440 -1.3859 mg/L 0.01440 1.04%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated
Strontium,7440-24-6 0.2 0.0000 mg/L 0.00012 0.0000 mg/L 0.00012 >999.9%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated
Thallium,7440-28-0 5.1 0.0045 mg/L 0.01005 0.0045 mg/L 0.01005 221.70%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated
Tin,7440-31-5 -0.9 -0.0003 mg/L 0.00053 -0.0003 mg/L 0.00053 154.87%
QC value within limits for Tin,7440-31-5 Recovery = Not calculated
Titanium,7440-32-6 -174.3 -0.0006 mg/L 0.00015 -0.0006 mg/L 0.00015 24.89%
QC value within limits for Titanium,7440-32-6 Recovery = Not calculated
Vanadium,7440-62-2 83.4 0.0013 mg/L 0.00087 0.0013 mg/L 0.00087 67.13%
QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated
Zinc,7440-66-6 43.6 0.0014 mg/L 0.00028 0.0014 mg/L 0.00028 20.17%
QC value within limits for Zinc,7440-66-6 Recovery = Not calculated
Zirconium,7440-67-7 -27.6 -0.0001 mg/L 0.00016 -0.0001 mg/L 0.00016 108.66%
QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated
All analyte(s) passed QC.

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Sequence No.: 85 **Autosampler Location: 77**
Sample ID: 20607191201 **Date Collected: 7/26/2006 9:04:18 PM**
Analyst: **Data Type: Reprocessed on 7/27/2006 9:01:53 AM**
Logged In Analyst (Original) : met
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 5X **Sample Prep Vol:**

Mean Data: 20607191201

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	1889259.0	91.236	%	0.5594				0.61%
Yttrium,7440-65-5A	1026684.8	89.335	%	0.5600				0.63%
Yttrium,7440-65-5R	61005.8	85.070	%	0.6262				0.74%
Ar 420.067 R	1041780.2	77.523	%	0.5662				0.73%
Ar 363.268 A	44028.1	96.283	%	0.3570				0.37%
Aluminum,7429-90-5	7.8	0.0213	mg/L	0.03999	0.1063	mg/L	0.19993	188.12%
Antimony,7440-36-0	1.0	0.0041	mg/L	0.00083	0.0206	mg/L	0.00416	20.20%
Arsenic,7440-38-2	-2.5	-0.0045	mg/L	0.00533	-0.0223	mg/L	0.02666	119.42%
Barium,7440-39-3	1519.9	0.0279	mg/L	0.00068	0.1395	mg/L	0.00339	2.43%
Beryllium,7440-41-7	147.8	0.0000	mg/L	0.00003	0.0001	mg/L	0.00015	125.52%
Boron,7440-42-8	517.4	0.0293	mg/L	0.00059	0.1464	mg/L	0.00295	2.01%
Cadmium,7440-43-9	-23.8	-0.0007	mg/L	0.00006	-0.0033	mg/L	0.00028	8.30%
Calcium,7440-70-2	14804.0	6.8218	mg/L	0.03603	34.109	mg/L	0.1802	0.53%
Chromium,7440-47-3	8034.7	0.1431	mg/L	0.00090	0.7154	mg/L	0.00450	0.63%
Cobalt,7440-48-4	34.5	0.0014	mg/L	0.00022	0.0072	mg/L	0.00112	15.60%
Copper,7440-50-8	34104.0	0.2983	mg/L	0.00290	1.4917	mg/L	0.01452	0.97%
Iron,7439-89-6	691.2	0.4930	mg/L	0.00246	2.4652	mg/L	0.01231	0.50%
Lead,7439-92-1	-8.3	-0.0013	mg/L	0.00145	-0.0065	mg/L	0.00727	112.54%
Lithium,7439-93-2	7412.2	0.1077	mg/L	0.00985	0.5385	mg/L	0.04927	9.15%
Magnesium,7439-95-4	458.0	1.6703	mg/L	0.02391	8.3513	mg/L	0.11956	1.43%
Manganese,7439-96-5	3817.5	0.0136	mg/L	0.00021	0.0681	mg/L	0.00106	1.55%
Molybdenum,7439-98-7	119.0	0.0154	mg/L	0.00083	0.0769	mg/L	0.00417	5.42%
Nickel,7440-02-0	1933.7	0.0928	mg/L	0.00073	0.4638	mg/L	0.00366	0.79%
Potassium,7440-09-7	30081.7	16.311	mg/L	1.2496	81.556	mg/L	6.2482	7.66%
Selenium,7782-49-2	-0.6	-0.0008	mg/L	0.00971	-0.0038	mg/L	0.04853	>999.9%
Silicon,7440-21-3	187.3	0.6707	mg/L	0.01276	3.3537	mg/L	0.06382	1.90%
Silver,7440-22-4	-738.1	-0.0049	mg/L	0.00041	-0.0243	mg/L	0.00203	8.34%
Sodium,7440-23-5	Saturated2							
Strontium,7440-24-6	5224.6	0.0330	mg/L	0.00075	0.1648	mg/L	0.00375	2.27%
Thallium,7440-28-0	27.5	0.0246	mg/L	0.00521	0.1231	mg/L	0.02603	21.15%
Tin,7440-31-5	37.1	0.0135	mg/L	0.00252	0.0676	mg/L	0.01260	18.63%
Titanium,7440-32-6	-552.1	-0.0019	mg/L	0.00029	-0.0097	mg/L	0.00147	15.20%
Vanadium,7440-62-2	189.0	0.0029	mg/L	0.00043	0.0146	mg/L	0.00215	14.75%
Zinc,7440-66-6	2573.6	0.0810	mg/L	0.00001	0.4048	mg/L	0.00006	0.01%
Zirconium,7440-67-7	-197.8	-0.0011	mg/L	0.00009	-0.0053	mg/L	0.00047	8.92%

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Sequence No.: 86 **Autosampler Location: 78**
Sample ID: --- **Date Collected: 7/26/2006 9:11:26 PM**

Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Data Type: Reprocessed on 7/27/2006 9:01:55 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2264522.0	109.36	%	0.847				0.77%
Yttrium,7440-65-5A	1257851.9	109.45	%	0.857				0.78%
Yttrium,7440-65-5R	67029.7	93.470	%	0.9087				0.97%
Ar 420.067 R	1078846.4	80.281	%	0.1952				0.24%
Ar 363.268 A	44980.8	98.366	%	0.3401				0.35%
Aluminum,7429-90-5	-1.3	-0.0035	mg/L	0.03212	-0.0035	mg/L	0.03212	911.60%
Antimony,7440-36-0	0.5	0.0005	mg/L	0.00505	0.0005	mg/L	0.00505	956.33%
Arsenic,7440-38-2	-2.2	-0.0038	mg/L	0.00016	-0.0038	mg/L	0.00016	4.18%
Barium,7440-39-3	-9.0	-0.0002	mg/L	0.00012	-0.0002	mg/L	0.00012	69.29%
Beryllium,7440-41-7	-6.7	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	>999.9%
Boron,7440-42-8	-30.6	-0.0018	mg/L	0.00124	-0.0018	mg/L	0.00124	70.42%
Cadmium,7440-43-9	-9.8	-0.0002	mg/L	0.00003	-0.0002	mg/L	0.00003	16.83%
Calcium,7440-70-2	-1.3	-0.0006	mg/L	0.00202	-0.0006	mg/L	0.00202	342.87%
Chromium,7440-47-3	1.1	0.0000	mg/L	0.00044	0.0000	mg/L	0.00044	>999.9%
Cobalt,7440-48-4	-11.7	-0.0006	mg/L	0.00060	-0.0006	mg/L	0.00060	92.97%
Copper,7440-50-8	216.7	0.0019	mg/L	0.00050	0.0019	mg/L	0.00050	26.38%
Iron,7439-89-6	23.4	0.0167	mg/L	0.00110	0.0167	mg/L	0.00110	6.61%
Lead,7439-92-1	7.3	0.0012	mg/L	0.00047	0.0012	mg/L	0.00047	39.95%
Lithium,7439-93-2	47.6	0.0007	mg/L	0.00173	0.0007	mg/L	0.00173	250.00%
Magnesium,7439-95-4	19.5	0.0711	mg/L	0.02802	0.0711	mg/L	0.02802	39.44%
Manganese,7439-96-5	-60.2	-0.0002	mg/L	0.00010	-0.0002	mg/L	0.00010	44.15%
Molybdenum,7439-98-7	2.5	0.0003	mg/L	0.00123	0.0003	mg/L	0.00123	378.52%
Nickel,7440-02-0	13.4	0.0006	mg/L	0.00023	0.0006	mg/L	0.00023	35.18%
Potassium,7440-09-7	1879.1	1.0190	mg/L	0.08687	1.0190	mg/L	0.08687	8.53%
Selenium,7782-49-2	9.3	0.0137	mg/L	0.00507	0.0137	mg/L	0.00507	37.00%
Silicon,7440-21-3	-15.5	-0.0554	mg/L	0.00192	-0.0554	mg/L	0.00192	3.46%
Silver,7440-22-4	-257.1	-0.0017	mg/L	0.00037	-0.0017	mg/L	0.00037	21.53%
Sodium,7440-23-5	8247.9	2.7128	mg/L	0.49840	2.7128	mg/L	0.49840	18.37%
Strontium,7440-24-6	-35.2	-0.0002	mg/L	0.00042	-0.0002	mg/L	0.00042	190.63%
Thallium,7440-28-0	5.5	0.0049	mg/L	0.00310	0.0049	mg/L	0.00310	63.31%
Tin,7440-31-5	-3.1	-0.0011	mg/L	0.00179	-0.0011	mg/L	0.00179	161.23%
Titanium,7440-32-6	-279.4	-0.0010	mg/L	0.00031	-0.0010	mg/L	0.00031	31.57%
Vanadium,7440-62-2	166.4	0.0026	mg/L	0.00058	0.0026	mg/L	0.00058	22.57%
Zinc,7440-66-6	86.3	0.0027	mg/L	0.00032	0.0027	mg/L	0.00032	11.67%
Zirconium,7440-67-7	-110.3	-0.0006	mg/L	0.00037	-0.0006	mg/L	0.00037	64.75%

Sequence No.: 87
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 79
Date Collected: 7/26/2006 9:18:34 PM
Data Type: Reprocessed on 7/27/2006 9:01:56 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2310733.4	111.59	%	0.376				0.34%
Yttrium,7440-65-5A	1283446.2	111.68	%	0.258				0.23%
Yttrium,7440-65-5R	67282.4	93.823	%	0.9176				0.98%
Ar 420.067 R	1100526.2	81.895	%	0.2966				0.36%
Ar 363.268 A	45083.8	98.591	%	0.3164				0.32%
Aluminum,7429-90-5	-7.8	-0.0213	mg/L	0.02401	-0.0213	mg/L	0.02401	112.54%
Antimony,7440-36-0	1.3	0.0014	mg/L	0.00261	0.0014	mg/L	0.00261	189.54%
Arsenic,7440-38-2	-0.5	-0.0008	mg/L	0.00467	-0.0008	mg/L	0.00467	558.36%
Barium,7440-39-3	16.1	0.0003	mg/L	0.00028	0.0003	mg/L	0.00028	97.04%
Beryllium,7440-41-7	-300.6	-0.0002	mg/L	0.00003	-0.0002	mg/L	0.00003	16.69%
Boron,7440-42-8	-78.5	-0.0045	mg/L	0.00181	-0.0045	mg/L	0.00181	40.28%
Cadmium,7440-43-9	-9.0	-0.0002	mg/L	0.00006	-0.0002	mg/L	0.00006	39.21%
Calcium,7440-70-2	-3.9	-0.0018	mg/L	0.00144	-0.0018	mg/L	0.00144	80.70%
Chromium,7440-47-3	13.5	0.0002	mg/L	0.00052	0.0002	mg/L	0.00052	215.19%
Cobalt,7440-48-4	-8.3	-0.0005	mg/L	0.00041	-0.0005	mg/L	0.00041	89.88%

Copper,7440-50-8	188.2	0.0016	mg/L	0.00034	0.0016	mg/L	0.00034 20.42%
Iron,7439-89-6	17.5	0.0125	mg/L	0.00292	0.0125	mg/L	0.00292 23.35%
Lead,7439-92-1	10.6	0.0017	mg/L	0.00283	0.0017	mg/L	0.00283 166.11%
Lithium,7439-93-2	-43.0	-0.0006	mg/L	0.00018	-0.0006	mg/L	0.00018 28.87%
Magnesium,7439-95-4	13.6	0.0495	mg/L	0.01854	0.0495	mg/L	0.01854 37.47%
Manganese,7439-96-5	-61.2	-0.0002	mg/L	0.00004	-0.0002	mg/L	0.00004 17.74%
Molybdenum,7439-98-7	-14.5	-0.0019	mg/L	0.00056	-0.0019	mg/L	0.00056 29.96%
Nickel,7440-02-0	9.0	0.0004	mg/L	0.00030	0.0004	mg/L	0.00030 69.06%
Potassium,7440-09-7	1240.5	0.6727	mg/L	0.02030	0.6727	mg/L	0.02030 3.02%
Selenium,7782-49-2	3.7	0.0054	mg/L	0.00341	0.0054	mg/L	0.00341 63.17%
Silicon,7440-21-3	-14.7	-0.0525	mg/L	0.00372	-0.0525	mg/L	0.00372 7.08%
Silver,7440-22-4	62.5	0.0004	mg/L	0.00059	0.0004	mg/L	0.00059 153.38%
Sodium,7440-23-5	1736.3	0.5710	mg/L	0.07286	0.5710	mg/L	0.07286 12.76%
Strontium,7440-24-6	-9.3	-0.0001	mg/L	0.00042	-0.0001	mg/L	0.00042 724.02%
Thallium,7440-28-0	-0.7	-0.0007	mg/L	0.00589	-0.0007	mg/L	0.00589 896.07%
Tin,7440-31-5	-7.9	-0.0029	mg/L	0.00363	-0.0029	mg/L	0.00363 127.07%
Titanium,7440-32-6	-39.9	-0.0001	mg/L	0.00029	-0.0001	mg/L	0.00029 205.65%
Vanadium,7440-62-2	211.4	0.0033	mg/L	0.00022	0.0033	mg/L	0.00022 6.69%
Zinc,7440-66-6	47.4	0.0015	mg/L	0.00025	0.0015	mg/L	0.00025 16.69%
Zirconium,7440-67-7	14.4	0.0001	mg/L	0.00036	0.0001	mg/L	0.00036 484.47%

Sequence No.: 88
Sample ID: ---
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 80
Date Collected: 7/26/2006 9:25:41 PM
Data Type: Reprocessed on 7/27/2006 9:01:58 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ---

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2301353.8	111.14	%	0.471				0.42%
Yttrium,7440-65-5A	1277194.0	111.13	%	0.424				0.38%
Yttrium,7440-65-5R	67268.4	93.803	%	0.5825				0.62%
Ar 420.067 R	1093483.6	81.371	%	0.4581				0.56%
Ar 363.268 A	45083.9	98.591	%	0.4744				0.48%
Aluminum,7429-90-5	-7.6	-0.0207	mg/L	0.02635	-0.0207	mg/L	0.02635	127.00%
Antimony,7440-36-0	5.1	0.0053	mg/L	0.00448	0.0053	mg/L	0.00448	83.79%
Arsenic,7440-38-2	0.2	0.0003	mg/L	0.00017	0.0003	mg/L	0.00017	57.82%
Barium,7440-39-3	5.7	0.0001	mg/L	0.00011	0.0001	mg/L	0.00011	109.38%
Beryllium,7440-41-7	-150.8	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	21.69%
Boron,7440-42-8	-97.7	-0.0056	mg/L	0.00213	-0.0056	mg/L	0.00213	38.04%
Cadmium,7440-43-9	-12.7	-0.0002	mg/L	0.00016	-0.0002	mg/L	0.00016	72.85%
Calcium,7440-70-2	-3.5	-0.0016	mg/L	0.00246	-0.0016	mg/L	0.00246	151.62%
Chromium,7440-47-3	6.9	0.0001	mg/L	0.00102	0.0001	mg/L	0.00102	842.64%
Cobalt,7440-48-4	0.4	0.0000	mg/L	0.00019	0.0000	mg/L	0.00019	>999.9%
Copper,7440-50-8	153.9	0.0013	mg/L	0.00047	0.0013	mg/L	0.00047	35.12%
Iron,7439-89-6	14.1	0.0101	mg/L	0.00285	0.0101	mg/L	0.00285	28.29%
Lead,7439-92-1	4.0	0.0006	mg/L	0.00056	0.0006	mg/L	0.00056	87.89%
Lithium,7439-93-2	-170.3	-0.0025	mg/L	0.00128	-0.0025	mg/L	0.00128	51.89%
Magnesium,7439-95-4	19.1	0.0695	mg/L	0.00720	0.0695	mg/L	0.00720	10.36%
Manganese,7439-96-5	-78.9	-0.0003	mg/L	0.00009	-0.0003	mg/L	0.00009	30.63%
Molybdenum,7439-98-7	-6.5	-0.0008	mg/L	0.00049	-0.0008	mg/L	0.00049	58.50%
Nickel,7440-02-0	14.3	0.0007	mg/L	0.00024	0.0007	mg/L	0.00024	34.55%
Potassium,7440-09-7	1049.3	0.5690	mg/L	0.03031	0.5690	mg/L	0.03031	5.33%
Selenium,7782-49-2	3.6	0.0053	mg/L	0.00559	0.0053	mg/L	0.00559	105.15%
Silicon,7440-21-3	-18.4	-0.0661	mg/L	0.00440	-0.0661	mg/L	0.00440	6.67%
Silver,7440-22-4	-96.8	-0.0007	mg/L	0.00001	-0.0007	mg/L	0.00001	2.19%
Sodium,7440-23-5	-811.3	-0.2669	mg/L	0.10935	-0.2669	mg/L	0.10935	40.97%
Strontium,7440-24-6	-105.6	-0.0007	mg/L	0.00031	-0.0007	mg/L	0.00031	46.08%
Thallium,7440-28-0	7.8	0.0069	mg/L	0.00239	0.0069	mg/L	0.00239	34.48%
Tin,7440-31-5	-1.8	-0.0007	mg/L	0.00108	-0.0007	mg/L	0.00108	162.51%
Titanium,7440-32-6	-180.8	-0.0006	mg/L	0.00026	-0.0006	mg/L	0.00026	41.89%
Vanadium,7440-62-2	171.0	0.0026	mg/L	0.00046	0.0026	mg/L	0.00046	17.36%
Zinc,7440-66-6	25.8	0.0008	mg/L	0.00006	0.0008	mg/L	0.00006	7.68%
Zirconium,7440-67-7	-34.1	-0.0002	mg/L	0.00027	-0.0002	mg/L	0.00027	153.23%

Sequence No.: 89
Sample ID: 1800

Autosampler Location: 7
Date Collected: 7/26/2006 9:32:48 PM

Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Data Type: Reprocessed on 7/27/2006 9:01:59 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1800

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scandium-IS	2312303.1	111.67	%	0.965				0.86%
Yttrium,7440-65-5A	1260514.8	109.68	%	0.811				0.74%
Yttrium,7440-65-5R	66374.4	92.556	%	0.2586				0.28%
Ar 420.067 R	1085612.9	80.785	%	0.4288				0.53%
Ar 363.268 A	45239.6	98.932	%	0.2966				0.30%
Aluminum,7429-90-5	1612.4	4.4314	mg/L	0.08513	4.4314	mg/L	0.08513	1.92%
QC value less than the lower limit for Aluminum,7429-90-5 Recovery = 88.63%								
Antimony,7440-36-0	475.5	0.5119	mg/L	0.00480	0.5119	mg/L	0.00480	0.94%
QC value within limits for Antimony,7440-36-0 Recovery = 102.38%								
Arsenic,7440-38-2	293.3	0.4921	mg/L	0.00721	0.4921	mg/L	0.00721	1.47%
QC value within limits for Arsenic,7440-38-2 Recovery = 98.42%								
Barium,7440-39-3	27640.0	0.5073	mg/L	0.00319	0.5073	mg/L	0.00319	0.63%
QC value within limits for Barium,7440-39-3 Recovery = 101.46%								
Beryllium,7440-41-7	837122.6	0.5072	mg/L	0.00447	0.5072	mg/L	0.00447	0.88%
QC value within limits for Beryllium,7440-41-7 Recovery = 101.44%								
Boron,7440-42-8	43846.3	2.5017	mg/L	0.02589	2.5017	mg/L	0.02589	1.04%
QC value within limits for Boron,7440-42-8 Recovery = 100.07%								
Cadmium,7440-43-9	30060.9	0.5081	mg/L	0.00480	0.5081	mg/L	0.00480	0.94%
QC value within limits for Cadmium,7440-43-9 Recovery = 101.61%								
Calcium,7440-70-2	9555.8	4.4086	mg/L	0.01265	4.4086	mg/L	0.01265	0.29%
QC value less than the lower limit for Calcium,7440-70-2 Recovery = 88.17%								
Chromium,7440-47-3	28708.8	0.5110	mg/L	0.00357	0.5110	mg/L	0.00357	0.70%
QC value within limits for Chromium,7440-47-3 Recovery = 102.20%								
Cobalt,7440-48-4	9075.2	0.4992	mg/L	0.00240	0.4992	mg/L	0.00240	0.48%
QC value within limits for Cobalt,7440-48-4 Recovery = 99.85%								
Copper,7440-50-8	58626.6	0.5138	mg/L	0.00436	0.5138	mg/L	0.00436	0.85%
QC value within limits for Copper,7440-50-8 Recovery = 102.76%								
Iron,7439-89-6	6276.0	4.4789	mg/L	0.00885	4.4789	mg/L	0.00885	0.20%
QC value within limits for Iron,7439-89-6 Recovery = 89.58%								
Lead,7439-92-1	3101.4	0.4981	mg/L	0.00290	0.4981	mg/L	0.00290	0.58%
QC value within limits for Lead,7439-92-1 Recovery = 99.62%								
Lithium,7439-93-2	29621.2	0.4304	mg/L	0.00559	0.4304	mg/L	0.00559	1.30%
QC value less than the lower limit for Lithium,7439-93-2 Recovery = 86.08%								
Magnesium,7439-95-4	1217.6	4.4403	mg/L	0.01324	4.4403	mg/L	0.01324	0.30%
QC value less than the lower limit for Magnesium,7439-95-4 Recovery = 88.81%								
Manganese,7439-96-5	143062.5	0.5098	mg/L	0.00379	0.5098	mg/L	0.00379	0.74%
QC value within limits for Manganese,7439-96-5 Recovery = 101.96%								
Molybdenum,7439-98-7	3849.9	0.4987	mg/L	0.00208	0.4987	mg/L	0.00208	0.42%
QC value within limits for Molybdenum,7439-98-7 Recovery = 99.75%								
Nickel,7440-02-0	10811.0	0.5190	mg/L	0.00424	0.5190	mg/L	0.00424	0.82%
QC value within limits for Nickel,7440-02-0 Recovery = 103.80%								
Potassium,7440-09-7	16718.0	9.0603	mg/L	0.04004	9.0603	mg/L	0.04004	0.44%
QC value within limits for Potassium,7440-09-7 Recovery = 90.60%								
Selenium,7782-49-2	339.6	0.5013	mg/L	0.00287	0.5013	mg/L	0.00287	0.57%
QC value within limits for Selenium,7782-49-2 Recovery = 100.25%								
Silicon,7440-21-3	115.6	0.4137	mg/L	0.00858	0.4137	mg/L	0.00858	2.07%
QC value less than the lower limit for Silicon,7440-21-3 Recovery = 82.74%								
Silver,7440-22-4	77046.0	0.5039	mg/L	0.00280	0.5039	mg/L	0.00280	0.56%
QC value within limits for Silver,7440-22-4 Recovery = 100.78%								
Sodium,7440-23-5	50305.0	16.507	mg/L	0.1473	16.507	mg/L	0.1473	0.89%
QC value less than the lower limit for Sodium,7440-23-5 Recovery = 82.54%								
Strontium,7440-24-6	64244.4	0.4053	mg/L	0.00283	0.4053	mg/L	0.00283	0.70%
QC value less than the lower limit for Strontium,7440-24-6 Recovery = 81.07%								
Thallium,7440-28-0	564.9	0.5087	mg/L	0.00109	0.5087	mg/L	0.00109	0.21%
QC value within limits for Thallium,7440-28-0 Recovery = 101.74%								
Tin,7440-31-5	1381.1	0.5012	mg/L	0.00061	0.5012	mg/L	0.00061	0.12%
QC value within limits for Tin,7440-31-5 Recovery = 100.23%								
Titanium,7440-32-6	145586.9	0.5073	mg/L	0.00481	0.5073	mg/L	0.00481	0.95%
QC value within limits for Titanium,7440-32-6 Recovery = 101.47%								
Vanadium,7440-62-2	33007.6	0.5113	mg/L	0.00387	0.5113	mg/L	0.00387	0.76%
QC value within limits for Vanadium,7440-62-2 Recovery = 102.26%								
Zinc,7440-66-6	16144.8	0.5105	mg/L	0.00157	0.5105	mg/L	0.00157	0.31%
QC value within limits for Zinc,7440-66-6 Recovery = 102.10%								

Zirconium,7440-67-7 98323.7 0.5055 mg/L 0.00438 0.5055 mg/L 0.00438 0.87%
QC value within limits for Zirconium,7440-67-7 Recovery = 101.10%
QC Failed. Continue with analysis.

Sequence No.: 90
Sample ID: 1900
Analyst:
Logged In Analyst (Original) : met
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 9:40:04 PM
Data Type: Reprocessed on 7/27/2006 9:02:01 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1900

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scandium-IS	2311109.8	111.61	%	1.487				1.33%
Yttrium,7440-65-5A	1283672.9	111.70	%	1.379				1.23%
Yttrium,7440-65-5R	67827.1	94.582	%	0.4210				0.45%
Ar 420.067 R	1086795.2	80.873	%	0.4006				0.50%
Ar 363.268 A	45031.6	98.477	%	0.1889				0.19%
Aluminum,7429-90-5	2.5	0.0068	mg/L	0.05594	0.0068	mg/L	0.05594	820.70%
QC value within limits for Aluminum,7429-90-5 Recovery = Not calculated								
Antimony,7440-36-0	3.8	0.0040	mg/L	0.00294	0.0040	mg/L	0.00294	73.49%
QC value within limits for Antimony,7440-36-0 Recovery = Not calculated								
Arsenic,7440-38-2	-3.2	-0.0053	mg/L	0.00378	-0.0053	mg/L	0.00378	71.22%
QC value within limits for Arsenic,7440-38-2 Recovery = Not calculated								
Barium,7440-39-3	5.2	0.0001	mg/L	0.00020	0.0001	mg/L	0.00020	217.77%
QC value within limits for Barium,7440-39-3 Recovery = Not calculated								
Beryllium,7440-41-7	-87.1	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	103.87%
QC value within limits for Beryllium,7440-41-7 Recovery = Not calculated								
Boron,7440-42-8	470.5	0.0269	mg/L	0.00391	0.0269	mg/L	0.00391	14.54%
QC value within limits for Boron,7440-42-8 Recovery = Not calculated								
Cadmium,7440-43-9	-2.8	0.0000	mg/L	0.00013	0.0000	mg/L	0.00013	269.72%
QC value within limits for Cadmium,7440-43-9 Recovery = Not calculated								
Calcium,7440-70-2	5.3	0.0025	mg/L	0.00298	0.0025	mg/L	0.00298	120.48%
QC value within limits for Calcium,7440-70-2 Recovery = Not calculated								
Chromium,7440-47-3	37.7	0.0007	mg/L	0.00073	0.0007	mg/L	0.00073	108.59%
QC value within limits for Chromium,7440-47-3 Recovery = Not calculated								
Cobalt,7440-48-4	-7.7	-0.0004	mg/L	0.00095	-0.0004	mg/L	0.00095	222.64%
QC value within limits for Cobalt,7440-48-4 Recovery = Not calculated								
Copper,7440-50-8	41.9	0.0004	mg/L	0.00022	0.0004	mg/L	0.00022	60.76%
QC value within limits for Copper,7440-50-8 Recovery = Not calculated								
Iron,7439-89-6	26.1	0.0186	mg/L	0.00396	0.0186	mg/L	0.00396	21.28%
QC value within limits for Iron,7439-89-6 Recovery = Not calculated								
Lead,7439-92-1	17.0	0.0027	mg/L	0.00166	0.0027	mg/L	0.00166	60.80%
QC value within limits for Lead,7439-92-1 Recovery = Not calculated								
Lithium,7439-93-2	-247.1	-0.0036	mg/L	0.00078	-0.0036	mg/L	0.00078	21.76%
QC value within limits for Lithium,7439-93-2 Recovery = Not calculated								
Magnesium,7439-95-4	21.2	0.0775	mg/L	0.00337	0.0775	mg/L	0.00337	4.35%
QC value within limits for Magnesium,7439-95-4 Recovery = Not calculated								
Manganese,7439-96-5	145.9	0.0005	mg/L	0.00007	0.0005	mg/L	0.00007	13.01%
QC value within limits for Manganese,7439-96-5 Recovery = Not calculated								
Molybdenum,7439-98-7	-1.7	-0.0002	mg/L	0.00078	-0.0002	mg/L	0.00078	358.98%
QC value within limits for Molybdenum,7439-98-7 Recovery = Not calculated								
Nickel,7440-02-0	-4.0	-0.0002	mg/L	0.00062	-0.0002	mg/L	0.00062	320.21%
QC value within limits for Nickel,7440-02-0 Recovery = Not calculated								
Potassium,7440-09-7	888.9	0.4820	mg/L	0.03111	0.4820	mg/L	0.03111	6.45%
QC value within limits for Potassium,7440-09-7 Recovery = Not calculated								
Selenium,7782-49-2	7.3	0.0108	mg/L	0.00067	0.0108	mg/L	0.00067	6.24%
QC value within limits for Selenium,7782-49-2 Recovery = Not calculated								
Silicon,7440-21-3	-15.1	-0.0539	mg/L	0.00353	-0.0539	mg/L	0.00353	6.54%
QC value within limits for Silicon,7440-21-3 Recovery = Not calculated								
Silver,7440-22-4	-340.6	-0.0023	mg/L	0.00057	-0.0023	mg/L	0.00057	25.15%
QC value within limits for Silver,7440-22-4 Recovery = Not calculated								
Sodium,7440-23-5	-2443.5	-0.8038	mg/L	0.04270	-0.8038	mg/L	0.04270	5.31%
QC value within limits for Sodium,7440-23-5 Recovery = Not calculated								
Strontium,7440-24-6	-28.5	-0.0002	mg/L	0.00017	-0.0002	mg/L	0.00017	96.51%
QC value within limits for Strontium,7440-24-6 Recovery = Not calculated								
Thallium,7440-28-0	-2.5	-0.0022	mg/L	0.00702	-0.0022	mg/L	0.00702	318.58%
QC value within limits for Thallium,7440-28-0 Recovery = Not calculated								
Tin,7440-31-5	-2.0	-0.0007	mg/L	0.00111	-0.0007	mg/L	0.00111	154.11%

QC value within limits for Tin,7440-31-5 Recovery = Not calculated

Titanium,7440-32-6	-198.8	-0.0007 mg/L	0.00019	-0.0007 mg/L	0.00019	27.56%

QC value within limits for Titanium,7440-32-6 Recovery = Not calculated

Vanadium,7440-62-2	90.0	0.0014 mg/L	0.00049	0.0014 mg/L	0.00049	34.89%

QC value within limits for Vanadium,7440-62-2 Recovery = Not calculated

Zinc,7440-66-6	25.4	0.0008 mg/L	0.00030	0.0008 mg/L	0.00030	37.19%

QC value within limits for Zinc,7440-66-6 Recovery = Not calculated

Zirconium,7440-67-7	-89.4	-0.0005 mg/L	0.00036	-0.0005 mg/L	0.00036	78.82%

QC value within limits for Zirconium,7440-67-7 Recovery = Not calculated

All analyte(s) passed QC.

MERCURY

SnCl2 ID 161-10-7
NaCl2/(NH2OH)2 161-10-9
INSTRUMENT FIMS

ANALYST MAP
DATE 7/26/2006
TIME 18:21

AS LOC	HSN / CLIENT	SAMPLE ID	DILUTION	MATRIX	RECOVERY
9	ICV-1600				107
1	ICB-1700				
5	CCV-1800				102
1	CCB-1900				
17	392735	MB for HBN 328475 W		TCLP	
18	392736	LCS for HBN 328475 W		TCLP	109
19	--- 4490 ---	20607175001		TCLP	
20	392737	20607175001 DUP		TCLP	
21	392738	20607175001 MS		TCLP	105
22	393602	20607175001 SD	5 X	Water	
23	392938	MB for HBN 328511 W		TCLP	
24	392939	LCS for HBN 328511 W		TCLP	103
25	--- 0080 ---	20607202501		TCLP	
26	392940	20607202501 DUP		TCLP	
5	CCV-1800				102
1	CCB-1900				
27	392941	20607202501 MS		TCLP	23
28	393603	20607202501 SD	5 X	Water	
29	392942	MB for HBN 328512 W		Water	
30	392943	LCS for HBN 328512 W		Water	103
31	--- 4565 ---	20607212411		Water	
32	392944	20607212411 MS		Water	99
33	392945	20607212411 MSD		Water	99
34	393938	20607212411 SD	5 X	Water	
35	~~391818~~ MAP 7/26/06	20607191614 EQBLK		Water	
36	~~392036~~	20607210907 EQBLK		Water	
5	CCV-1800				101
1	CCB-1900				
37	~~392036~~ MAP 7/26/06	20607212011 EQBLK		Water	
38		20607191509 FLDBLK		Water	
39		20607191510 FLDBLK		Water	
40		20607191616 FLDBLK		Water	
41		20607210108		Water	
42		20607200622 FLDBLK		Water	
43		20607201919 FLDBLK		Water	
44		20607212412		Water	
45		20607212413		Water	
46		20607210722 FLDBLK		Water	
5	CCV-1800				103
1	CCB-1900				
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
5	CCV-1800				
1	CCB-1900				

CONTROL LIMITS

ICV : 90-110%
CCV: 80-120%

COMMENTS:
2973 , 328648

Calibration ID: 2060726 WI
HG STD ID: 160-43-1

ANALYST QC REV: MAP
SECONDARY REV: Kon

Go to page 2

Reprocessing Begun
Logged In Analyst: met Technique: AA FIMS-MHS

Results Data Set (original): 2060726 W1
Results Library (original): C:\data-AA\met\Results\Results.mdb
Results Data Set (reprocessed): 2060726 W1 REP
Results Library (reprocessed): C:\data-AA\met\Results\Results.mdb

Method Loaded
Method Name: Mercury Method Last Saved: 7/26/2006 7:20:35 PM
Method Description: Mercury

Sequence No.: 1 Autosampler Location: 1
Sample ID: Calibration Blank Date Collected: 7/26/2006 6:21:06 PM
Analyst: Data Type: Reprocessed on 7/26/2006 7:41:46 PM
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: Calibration Blank

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.002	0.002	0.001	18:21:54	Yes
2		[0.00]	0.004	0.004	0.001	18:22:23	Yes
Mean:		[0.00]	0.003				
SD:		0.00	0.0015				
%RSD:		0.00	51.23				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 2
Sample ID: STD 1 Date Collected: 7/26/2006 6:22:42 PM
Analyst: Data Type: Reprocessed on 7/26/2006 7:41:46 PM
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: STD 1

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.008	0.011	0.002	18:23:31	Yes
2		[0.2]	0.009	0.012	0.002	18:23:59	Yes
Mean:		[0.2]	0.008				
SD:		0.0	0.0010				
%RSD:		0.0	12.47				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.04164 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 3
Sample ID: STD 2 Date Collected: 7/26/2006 6:24:19 PM
Analyst: Data Type: Reprocessed on 7/26/2006 7:41:46 PM
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: STD 2

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.018	0.021	0.004	18:25:08	Yes
2		[0.5]	0.018	0.021	0.004	18:25:37	Yes
Mean:		[0.5]	0.018				
SD:		0.0	0.0005				
%RSD:		0.0	2.92				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.997578 Slope: 0.03586 Intercept: 0.00043

Sequence No.: 4
Sample ID: STD 3
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/26/2006 6:25:57 PM
Data Type: Reprocessed on 7/26/2006 7:41:47 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: STD 3

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2]	0.096	0.099	0.019	18:26:47	Yes
2		[2]	0.096	0.099	0.019	18:27:16	Yes
Mean:		[2]	0.096				
SD:		0	0.0005				
%RSD:		0	0.52				

Standard number 3 applied. [2]
Correlation Coef.: 0.998072 Slope: 0.04863 Intercept: -0.00224

Sequence No.: 5
Sample ID: STD 4
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/26/2006 6:27:36 PM
Data Type: Reprocessed on 7/26/2006 7:41:47 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: STD 4

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5]	0.235	0.238	0.045	18:28:26	Yes
2		[5]	0.231	0.234	0.045	18:28:55	Yes
Mean:		[5]	0.233				
SD:		0	0.0027				
%RSD:		0	1.15				

Standard number 4 applied. [5]
Correlation Coef.: 0.999607 Slope: 0.04700 Intercept: -0.00137

Sequence No.: 6
Sample ID: STD 5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/26/2006 6:29:16 PM
Data Type: Reprocessed on 7/26/2006 7:41:47 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: STD 5

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10]	0.461	0.464	0.089	18:30:07	Yes
2		[10]	0.455	0.458	0.089	18:30:35	Yes
Mean:		[10]	0.458				
SD:		0	0.0042				
%RSD:		0	0.93				

Standard number 5 applied. [10]
Correlation Coef.: 0.999847 Slope: 0.04606 Intercept: -0.00032

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calibration Blank	0.0000	0	0.006857	0.00	51.2
STD 1	0.0083	0.2	0.187643	0.00	12.5
STD 2	0.0181	0.5	0.399279	0.00	2.9
STD 3	0.0959	2.0	2.089718	0.00	0.5
STD 4	0.2327	5.0	5.058326	0.00	1.2
STD 5	0.4584	10.0	9.958176	0.00	0.9

Correlation Coef.: 0.999847 Slope: 0.04606 Intercept: -0.00032

Sequence No.: 7
Sample ID: 1600
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 7/26/2006 6:31:12 PM
Data Type: Reprocessed on 7/26/2006 7:41:47 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1600

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005384	5.3844	0.248	0.251	0.048	18:32:00	Yes
2	0.005334	5.3342	0.245	0.248	0.048	18:32:29	Yes
Mean:	0.005359	5.3593	0.247				
SD:	0.000035	0.035443	0.0016				
%RSD:	0.66134	0.66134	0.66				

QC value within limits for Hg 253.7 Recovery = 107.19%
All analyte(s) passed QC.

Sequence No.: 8
Sample ID: 1700
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 6:32:48 PM
Data Type: Reprocessed on 7/26/2006 7:41:47 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1700

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000003	-0.002954	-0.000	0.003	0.001	18:33:36	Yes
2	0.000006	0.006370	-0.000	0.003	0.001	18:34:05	Yes
Mean:	0.000002	0.001708	-0.000				
SD:	0.000007	0.006593	0.0003				
%RSD:	386.04	386.04	128.04				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 9
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/26/2006 6:34:24 PM
Data Type: Reprocessed on 7/26/2006 7:41:47 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005190	5.1902	0.239	0.242	0.046	18:35:15	Yes
2	0.004966	4.9661	0.228	0.231	0.046	18:35:43	Yes
Mean:	0.005078	5.0781	0.234				
SD:	0.000158	0.15848	0.0073				
%RSD:	3.1208	3.1208	3.13				

QC value within limits for Hg 253.7 Recovery = 101.56%
All analyte(s) passed QC.

Sequence No.: 10
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 6:36:04 PM
Data Type: Reprocessed on 7/26/2006 7:41:48 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000011	0.010552	0.000	0.003	0.001	18:36:52	Yes
2	0.000009	0.008958	0.000	0.003	0.001	18:37:21	Yes
Mean:	0.000010	0.009755	0.000				
SD:	0.000001	0.001127	0.0001				

%RSD: 11.556 11.556 38.90
QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 11
Sample ID: 392735
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 17
Date Collected: 7/26/2006 6:37:40 PM
Data Type: Reprocessed on 7/26/2006 7:41:48 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392735

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000041	0.040924	0.002	0.005	0.001	18:38:28	Yes
2	0.000082	0.082470	0.003	0.006	0.001	18:38:57	Yes
Mean:	0.000062	0.061697	0.003				
SD:	0.000029	0.029378	0.0014				
%RSD:	47.616	47.616	53.57				

Sequence No.: 12
Sample ID: 392736
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 18
Date Collected: 7/26/2006 6:39:15 PM
Data Type: Reprocessed on 7/26/2006 7:41:48 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392736

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005474	5.4742	0.252	0.255	0.048	18:40:03	Yes
2	0.005422	5.4221	0.249	0.252	0.048	18:40:32	Yes
Mean:	0.005448	5.4482	0.251				
SD:	0.000037	0.036829	0.0017				
%RSD:	0.67599	0.67599	0.68				

Sequence No.: 13
Sample ID: 20607175001
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 19
Date Collected: 7/26/2006 6:40:51 PM
Data Type: Reprocessed on 7/26/2006 7:41:48 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607175001

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000090	0.089724	0.004	0.007	0.001	18:41:39	Yes
2	0.000076	0.076310	0.003	0.006	0.001	18:42:08	Yes
Mean:	0.000083	0.083017	0.004				
SD:	0.000009	0.009485	0.0004				
%RSD:	11.426	11.426	12.45				

Sequence No.: 14
Sample ID: 392737
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 20
Date Collected: 7/26/2006 6:42:27 PM
Data Type: Reprocessed on 7/26/2006 7:41:48 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392737

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000084	0.083707	0.004	0.007	0.001	18:43:16	Yes
2	0.000084	0.083748	0.004	0.007	0.001	18:43:44	Yes
Mean:	0.000084	0.083727	0.004				
SD:	0.000000	0.000029	0.0000				
%RSD:	0.034604	0.034604	0.04				

Sequence No.: 15
Sample ID: 392738
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 21
Date Collected: 7/26/2006 6:44:04 PM
Data Type: Reprocessed on 7/26/2006 7:41:48 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392738

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005415	5.4151	0.249	0.252	0.047	18:44:53	Yes
2	0.005225	5.2253	0.240	0.243	0.047	18:45:21	Yes
Mean:	0.005320	5.3202	0.245				
SD:	0.000134	0.13423	0.0062				
%RSD:	2.5230	2.5230	2.53				

Sequence No.: 16
Sample ID: 393602
Analyst:
Initial Sample Wt:
Dilution: 5X

Autosampler Location: 22
Date Collected: 7/26/2006 6:45:41 PM
Data Type: Reprocessed on 7/26/2006 7:41:49 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 393602

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000093	-0.018537	-0.001	0.002	0.000	18:46:30	Yes
2	-0.000152	-0.030400	-0.002	0.001	0.000	18:46:59	Yes
Mean:	-0.000122	-0.024469	-0.001				
SD:	0.000042	0.008389	0.0004				
%RSD:	34.283	34.283	26.78				

Sequence No.: 17
Sample ID: 392938
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 23
Date Collected: 7/26/2006 6:47:18 PM
Data Type: Reprocessed on 7/26/2006 7:41:49 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392938

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000042	-0.042054	-0.002	0.001	0.000	18:48:08	Yes
2	-0.000042	-0.041671	-0.002	0.001	0.000	18:48:36	Yes
Mean:	-0.000042	-0.041862	-0.002				
SD:	0.000000	0.000271	0.0000				
%RSD:	0.64671	0.64671	0.56				

Sequence No.: 18
Sample ID: 392939
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 24
Date Collected: 7/26/2006 6:48:56 PM
Data Type: Reprocessed on 7/26/2006 7:41:49 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392939

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005199	5.1989	0.239	0.242	0.046	18:49:47	Yes
2	0.005097	5.0966	0.234	0.237	0.046	18:50:15	Yes
Mean:	0.005148	5.1478	0.237				
SD:	0.000072	0.072351	0.0033				
%RSD:	1.4055	1.4055	1.41				

Sequence No.: 19

Autosampler Location: 25

Sample ID: 20607202501
Analyst:
Initial Sample Wt:
Dilution: 1X

Date Collected: 7/26/2006 6:50:35 PM
Data Type: Reprocessed on 7/26/2006 7:41:49 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607202501

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000143	0.14277	0.006	0.009	0.002	18:51:25	Yes
2	0.000116	0.11569	0.005	0.008	0.001	18:51:54	Yes
Mean:	0.000129	0.12923	0.006				
SD:	0.000019	0.019150	0.0009				
%RSD:	14.818	14.818	15.65				

Sequence No.: 20
Sample ID: 392940
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 26
Date Collected: 7/26/2006 6:52:14 PM
Data Type: Reprocessed on 7/26/2006 7:41:49 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392940

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000123	0.12258	0.005	0.008	0.001	18:53:05	Yes
2	0.000113	0.11280	0.005	0.008	0.001	18:53:33	Yes
Mean:	0.000118	0.11769	0.005				
SD:	0.000007	0.006918	0.0003				
%RSD:	5.8784	5.8784	6.24				

Sequence No.: 21
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/26/2006 6:53:54 PM
Data Type: Reprocessed on 7/26/2006 7:41:49 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005124	5.1240	0.236	0.239	0.045	18:54:44	Yes
2	0.005083	5.0831	0.234	0.237	0.046	18:55:13	Yes
Mean:	0.005104	5.1035	0.235				
SD:	0.000029	0.028919	0.0013				
%RSD:	0.56664	0.56664	0.57				

QC value within limits for Hg 253.7 Recovery = 102.07%
All analyte(s) passed QC.

Sequence No.: 22
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 6:55:34 PM
Data Type: Reprocessed on 7/26/2006 7:41:49 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000005	0.005030	-0.000	0.003	0.001	18:56:23	Yes
2	-0.000017	-0.017102	-0.001	0.002	0.001	18:56:52	Yes
Mean:	-0.000006	-0.006036	-0.001				
SD:	0.000016	0.015650	0.0007				
%RSD:	259.29	259.29	121.39				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 23
Sample ID: 392941
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 27
Date Collected: 7/26/2006 6:57:11 PM
Data Type: Reprocessed on 7/26/2006 7:41:50 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392941

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001309	1.3089	0.060	0.063	0.010	18:58:01	Yes
2	0.001203	1.2035	0.055	0.058	0.009	18:58:30	Yes
Mean:	0.001256	1.2562	0.058				
SD:	0.000075	0.074569	0.0034				
%RSD:	5.9360	5.9360	5.97				

Sequence No.: 24
Sample ID: 393603
Analyst:
Initial Sample Wt:
Dilution: 5X

Autosampler Location: 28
Date Collected: 7/26/2006 6:58:50 PM
Data Type: Reprocessed on 7/26/2006 7:41:50 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 393603

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000385	0.077033	0.003	0.006	0.001	18:59:41	Yes
2	0.000148	0.029550	0.001	0.004	0.001	19:00:10	Yes
Mean:	0.000266	0.053292	0.002				
SD:	0.000168	0.033575	0.0015				
%RSD:	63.003	63.003	72.31				

Sequence No.: 25
Sample ID: 392942
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 29
Date Collected: 7/26/2006 7:00:31 PM
Data Type: Reprocessed on 7/26/2006 7:41:50 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392942

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000047	-0.046880	-0.002	0.001	0.000	19:01:22	Yes
2	-0.000028	-0.027794	-0.002	0.001	0.000	19:01:51	Yes
Mean:	-0.000037	-0.037337	-0.002				
SD:	0.000013	0.013496	0.0006				
%RSD:	36.147	36.147	30.54				

Sequence No.: 26
Sample ID: 392943
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 30
Date Collected: 7/26/2006 7:04:19 PM
Data Type: Reprocessed on 7/26/2006 7:41:50 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 392943

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005291	5.2912	0.243	0.246	0.046	19:05:10	Yes
2	0.005054	5.0537	0.232	0.235	0.046	19:05:39	Yes
Mean:	0.005172	5.1725	0.238				
SD:	0.000168	0.16796	0.0077				
%RSD:	3.2471	3.2471	3.25				

Sequence No.: 27
Sample ID: 20607212411
Analyst:

Autosampler Location: 31
Date Collected: 7/26/2006 7:06:01 PM
Data Type: Reprocessed on 7/26/2006 7:41:50 PM

Replicate Data: 20607191614

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000008	-0.008426	-0.001	0.002	0.000	19:13:17	Yes
2	-0.000015	-0.015163	-0.001	0.002	0.000	19:13:46	Yes
Mean:	-0.000012	-0.011795	-0.001				
SD:	0.000005	0.004764	0.0002				
%RSD:	40.392	40.392	25.54				

Sequence No.: 32
Sample ID: 20607210907
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 36
Date Collected: 7/26/2006 7:14:05 PM
Data Type: Reprocessed on 7/26/2006 7:41:51 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607210907

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000024	-0.023570	-0.001	0.002	0.000	19:14:53	Yes
2	-0.000029	-0.028904	-0.002	0.001	0.000	19:15:22	Yes
Mean:	-0.000026	-0.026237	-0.002				
SD:	0.000004	0.003772	0.0002				
%RSD:	14.376	14.376	11.40				

Sequence No.: 33
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/26/2006 7:15:41 PM
Data Type: Reprocessed on 7/26/2006 7:41:51 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005130	5.1299	0.236	0.239	0.046	19:16:32	Yes
2	0.004934	4.9335	0.227	0.230	0.046	19:17:00	Yes
Mean:	0.005032	5.0317	0.231				
SD:	0.000139	0.13888	0.0064				
%RSD:	2.7601	2.7601	2.76				

QC value within limits for Hg 253.7 Recovery = 100.63%
All analyte(s) passed QC.

Sequence No.: 34
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/2006 7:17:22 PM
Data Type: Reprocessed on 7/26/2006 7:41:51 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000013	-0.013336	-0.001	0.002	0.001	19:18:10	Yes
2	0.000015	0.014891	0.000	0.003	0.001	19:18:39	Yes
Mean:	0.000001	0.000777	-0.000				
SD:	0.000020	0.019960	0.0009				
%RSD:	>999.9%	>999.9%	328.32				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 35
Sample ID: 20607212011
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 37
Date Collected: 7/26/2006 7:20:41 PM
Data Type: Reprocessed on 7/26/2006 7:41:51 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607212011

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000023	-0.022914	-0.001	0.002	0.000	19:21:30	Yes
2	-0.000027	-0.027345	-0.002	0.001	0.000	19:21:59	Yes
Mean:	-0.000025	-0.025129	-0.001				
SD:	0.000003	0.003133	0.0001				
%RSD:	12.469	12.469	9.80				

Sequence No.: 36
Sample ID: 20607191509 FLDBLK
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 38
Date Collected: 7/26/2006 7:22:18 PM
Data Type: Reprocessed on 7/26/2006 7:41:51 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607191509 FLDBLK

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000021	-0.020782	-0.001	0.002	0.000	19:23:08	Yes
2	-0.000014	-0.013961	-0.001	0.002	0.000	19:23:36	Yes
Mean:	-0.000017	-0.017372	-0.001				
SD:	0.000005	0.004823	0.0002				
%RSD:	27.765	27.765	19.91				

Sequence No.: 37
Sample ID: 20607191510 FLDBLK
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 39
Date Collected: 7/26/2006 7:23:56 PM
Data Type: Reprocessed on 7/26/2006 7:41:51 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607191510 FLDBLK

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000001	0.000799	-0.000	0.003	0.000	19:24:45	Yes
2	0.000010	0.010330	0.000	0.003	0.000	19:25:14	Yes
Mean:	0.000006	0.005564	-0.000				
SD:	0.000007	0.006739	0.0003				
%RSD:	121.11	121.11	521.51				

Sequence No.: 38
Sample ID: 20607191616 FLDBLK
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 40
Date Collected: 7/26/2006 7:25:33 PM
Data Type: Reprocessed on 7/26/2006 7:41:52 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607191616 FLDBLK

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000008	0.007802	0.000	0.003	0.001	19:26:23	Yes
2	-0.000009	-0.008908	-0.001	0.002	0.000	19:26:52	Yes
Mean:	-0.000001	-0.000553	-0.000				
SD:	0.000012	0.011815	0.0005				
%RSD:	>999.9%	>999.9%	159.45				

Sequence No.: 39
Sample ID: 20607210108
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 41
Date Collected: 7/26/2006 7:27:12 PM
Data Type: Reprocessed on 7/26/2006 7:41:52 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607210108

Initial Sample Wt: Initial Sample Vol:
Dilution: 1X Sample Prep Vol:

Replicate Data: 20607212411

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000005	-0.005050	-0.001	0.002	0.001	19:06:52	Yes
2	-0.000009	-0.008562	-0.001	0.002	0.000	19:07:21	Yes
Mean:	-0.000007	-0.006806	-0.001				
SD:	0.000002	0.002483	0.0001				
%RSD:	36.485	36.485	18.17				

Sequence No.: 28 Autosampler Location: 32
Sample ID: 392944 Date Collected: 7/26/2006 7:07:43 PM
Analyst: Data Type: Reprocessed on 7/26/2006 7:41:50 PM
Initial Sample Wt: Initial Sample Vol:
Dilution: 1X Sample Prep Vol:

Replicate Data: 392944

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004953	4.9532	0.228	0.231	0.044	19:08:31	Yes
2	0.004931	4.9314	0.227	0.230	0.044	19:08:59	Yes
Mean:	0.004942	4.9423	0.227				
SD:	0.000015	0.015432	0.0007				
%RSD:	0.31224	0.31224	0.31				

Sequence No.: 29 Autosampler Location: 33
Sample ID: 392945 Date Collected: 7/26/2006 7:09:17 PM
Analyst: Data Type: Reprocessed on 7/26/2006 7:41:50 PM
Initial Sample Wt: Initial Sample Vol:
Dilution: 1X Sample Prep Vol:

Replicate Data: 392945

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005026	5.0261	0.231	0.234	0.044	19:10:05	Yes
2	0.004913	4.9127	0.226	0.229	0.044	19:10:34	Yes
Mean:	0.004969	4.9694	0.229				
SD:	0.000080	0.080166	0.0037				
%RSD:	1.6132	1.6132	1.62				

Sequence No.: 30 Autosampler Location: 34
Sample ID: 393938 Date Collected: 7/26/2006 7:10:53 PM
Analyst: Data Type: Reprocessed on 7/26/2006 7:41:50 PM
Initial Sample Wt: Initial Sample Vol:
Dilution: 5X Sample Prep Vol:

Replicate Data: 393938

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000202	-0.040333	-0.002	0.001	0.000	19:11:41	Yes
2	-0.000399	-0.079754	-0.004	-0.001	0.000	19:12:10	Yes
Mean:	-0.000300	-0.060043	-0.003				
SD:	0.000139	0.027874	0.0013				
%RSD:	46.424	46.424	41.67				

Sequence No.: 31 Autosampler Location: 35
Sample ID: 20607191614 Date Collected: 7/26/2006 7:12:28 PM
Analyst: Data Type: Reprocessed on 7/26/2006 7:41:50 PM
Initial Sample Wt: Initial Sample Vol:
Dilution: 1X Sample Prep Vol:

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000008	-0.007836	-0.001	0.002	0.000	19:28:02	Yes
2	-0.000027	-0.027235	-0.002	0.001	0.000	19:28:31	Yes
Mean:	-0.000018	-0.017535	-0.001				
SD:	0.000014	0.013717	0.0006				
%RSD:	78.226	78.226	56.24				

==========

Sequence No.: 40
Sample ID: 20607200622 FLDBLK
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 42
Date Collected: 7/26/2006 7:28:50 PM
Data Type: Reprocessed on 7/26/2006 7:41:52 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607200622 FLDBLK

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000023	-0.022890	-0.001	0.002	0.000	19:29:41	Yes
2	-0.000014	-0.013733	-0.001	0.002	0.000	19:30:09	Yes
Mean:	-0.000018	-0.018311	-0.001				
SD:	0.000006	0.006475	0.0003				
%RSD:	35.361	35.361	25.73				

==========

Sequence No.: 41
Sample ID: 20607201919 FLDBLK
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 43
Date Collected: 7/26/2006 7:30:30 PM
Data Type: Reprocessed on 7/26/2006 7:41:52 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607201919 FLDBLK

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000010	-0.009578	-0.001	0.002	0.000	19:31:20	Yes
2	-0.000014	-0.013802	-0.001	0.002	0.000	19:31:49	Yes
Mean:	-0.000012	-0.011690	-0.001				
SD:	0.000003	0.002987	0.0001				
%RSD:	25.549	25.549	16.10				

==========

Sequence No.: 42
Sample ID: 20607212412
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 44
Date Collected: 7/26/2006 7:32:09 PM
Data Type: Reprocessed on 7/26/2006 7:41:52 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607212412

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000018	-0.018441	-0.001	0.002	0.000	19:33:00	Yes
2	-0.000052	-0.052001	-0.003	0.000	0.000	19:33:29	Yes
Mean:	-0.000035	-0.035221	-0.002				
SD:	0.000024	0.023731	0.0011				
%RSD:	67.377	67.377	56.40				

==========

Sequence No.: 43
Sample ID: 20607212413
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 45
Date Collected: 7/26/2006 7:33:49 PM
Data Type: Reprocessed on 7/26/2006 7:41:52 PM
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 20607212413

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000028	-0.028284	-0.002	0.001	0.000	19:34:40	Yes

2	0.000007	0.007181	0.000	0.003	0.000	19:35:09	Yes
Mean:	-0.000011	-0.010552	-0.001				
SD:	0.000025	0.025078	0.0012				
%RSD:	237.66	237.66	144.05				

==========

Sequence No.: 44 **Autosampler Location: 46**
Sample ID: 20607210722 FLDBLK **Date Collected: 7/26/2006 7:35:30 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 7:41:53 PM**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: 1X **Sample Prep Vol:**

Replicate Data: 20607210722 FLDBLK

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000018	-0.017735	-0.001	0.002	0.000	19:36:21	Yes
2	-0.000031	-0.030847	-0.002	0.001	0.000	19:36:50	Yes
Mean:	-0.000024	-0.024291	-0.001				
SD:	0.000009	0.009271	0.0004				
%RSD:	38.167	38.167	29.77				

==========

Sequence No.: 45 **Autosampler Location: 5**
Sample ID: 1800 **Date Collected: 7/26/2006 7:37:12 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 7:41:53 PM**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005174	5.1738	0.238	0.241	0.047	19:38:02	Yes
2	0.005090	5.0896	0.234	0.237	0.047	19:38:31	Yes
Mean:	0.005132	5.1317	0.236				
SD:	0.000060	0.059595	0.0027				
%RSD:	1.1613	1.1613	1.16				

QC value within limits for Hg 253.7 Recovery = 102.63%
All analyte(s) passed QC.

==========

Sequence No.: 46 **Autosampler Location: 1**
Sample ID: 1900 **Date Collected: 7/26/2006 7:38:51 PM**
Analyst: **Data Type: Reprocessed on 7/26/2006 7:41:53 PM**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000022	0.022172	0.001	0.004	0.001	19:39:40	Yes
2	0.000013	0.012968	0.000	0.003	0.001	19:40:09	Yes
Mean:	0.000018	0.017570	0.000				
SD:	0.000007	0.006508	0.0003				
%RSD:	37.039	37.039	60.75				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

MERCURY

SnCl2 ID 161-11-18
NaCl2/(NH2OH)2 161-11-3
INSTRUMENT FIMS

ANALYST CLB
DATE 7/31/2006
TIME 16:45

$r^2 = 0.999538$

AS LOC	HSN / CLIENT	SAMPLE ID	DILUTION	MATRIX	RECOVERY
9	ICV-1600				96
1	ICB-1700				
5	CCV-1800				98
1	CCB-1900				
17	393092	MB for HBN 328540 S		Solid	
18	393093	LCS for HBN 328540 S		Solid	112
19	--- 4482 ---	20607210911		Solid	
20		20607210912 MS		Solid	105
21		20607210913 MSD		Solid	100
22	396035	20607210911 SD	5 X	↓	
23		20607210901		Solid	
24		20607210902		Solid	
25		20607210903		Solid	
26		20607210904		Solid	
5	CCV-1800				98
1	CCB-1900				
27		20607210905		Solid	
28		20607210906		Solid	
29		20607210909		Solid	
30		20607210910		Solid	
31		20607210914		Solid	
32		20607210915		Solid	
33		20607210916		Solid	
34		20607210917		Solid	
35	393059	MB for HBN 328531 S		Solid	
36	393060	LCS for HBN 328531 S		Solid	104
5	CCV-1800				98
1	CCB-1900				
37	--- 4482 ---	20607200602		Solid	99
38		20607200603 MS		Solid	95
39		20607200604 MSD		Solid	
40	396036	20607200602 SD	5 X	↓	
41		20607200601		Solid	
42		20607200605		Solid	
43		20607200606		Solid	
44		20607200607		Solid	
45		20607200608		Solid	
46		20607200609		Solid	AJW 7-31-06 ~~99~~ 97
5	CCV-1800				
1	CCB-1900				
47		~~20607200611~~ RR		Solid	
48		20607200612		Solid	
49		20607200613		Solid	
50		20607200614		Solid	
51		20607200615		Solid	
52		20607200616		Solid	
53		~~20607200617~~ R/R		Solid	
54	395278	MB for HBN 329006 S		Solid	
55	395279	LCS for HBN 329006 S		Solid	105
56	--- 2554 ---	20607274401	RR@2x	Solid	
5	CCV-1800				97
1	CCB-1900				

CONTROL LIMITS

ICV : 90-110%
CCV: 80-120%

COMMENTS:
2981 , 329132

Calibration ID: 20060727S
HG STD ID: 160-43-1

ANALYST QC REV: CLB
SECONDARY REV: MAP

Go to page 2

MERCURY

PAGE 2

ANALYST CLB

DATE 7/31/2006

AS LOC	HSN / CLIENT	SAMPLE ID	DILUTION	MATRIX	RECOVERY
57	395280	20607274401 DUP	RIR@2x	Solid	
58	395281	20607274401 MS		Solid	
59	396037	20607274401 SD	5 X	Solid	
60					
61					
62					
63					
64					
65					
66					
5	CCV-1800				96
1	CCB-1900				
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					
5	CCV-1800				
1	CCB-1900				
77					
78					
79					
80					
81					
82					
83					
84					
85					
86					
5	CCV-1800				
1	CCB-1900				
87					
88					
89					
90					
91					
92					
93					
94					
95					
96					
5	CCV-1800				
1	CCB-1900				

CONTROL LIMITS

CCV: 80-120%

COMMENTS:
2981 , 329132

SECONDARY REV: MAP

002045

190017

Analysis Begun

Logged In Analyst: met
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-400, S/N B050-9560
Autosampler Model: AS-90

Sample Information File: N:\Metals Sample Info\Sample Info.sif
Batch ID:
Results Data Set: 2060731 S2
Results Library: C:\data-AA\met\Results\Results.mdb

Sequence No.: 1
Autosampler Location: 1
Sample ID: Calibration Blank
Date Collected: 7/31/2006 4:45:38 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: Calibration Blank

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.006	0.006	0.001	16:46:26	Yes
2		[0.00]	0.006	0.006	0.001	16:46:55	Yes
Mean:		[0.00]	0.006				
SD:		0.00	0.0000				
%RSD:		0.00	0.28				

Auto-zero performed.

Sequence No.: 2
Autosampler Location: 2
Sample ID: STD 1
Date Collected: 7/31/2006 4:47:14 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: STD 1

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.003	0.009	0.002	16:48:03	Yes
2		[0.2]	0.003	0.010	0.002	16:48:31	Yes
Mean:		[0.2]	0.003				
SD:		0.0	0.0003				
%RSD:		0.0	11.29				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.01485 Intercept: 0.00000

Sequence No.: 3
Autosampler Location: 3
Sample ID: STD 2
Date Collected: 7/31/2006 4:48:51 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: STD 2

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.013	0.019	0.004	16:49:40	Yes
2		[0.5]	0.011	0.017	0.004	16:50:09	Yes
Mean:		[0.5]	0.012				
SD:		0.0	0.0010				
%RSD:		0.0	8.84				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.986648 Slope: 0.02399 Intercept: -0.00069

Sequence No.: 4
Autosampler Location: 4
Sample ID: STD 3
Date Collected: 7/31/2006 4:50:29 PM
Analyst:
Data Type: Original

Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: STD 3

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2]	0.044	0.050	0.011	16:51:19	Yes
2		[2]	0.042	0.049	0.011	16:51:48	Yes
Mean:		[2]	0.043				
SD:		0	0.0011				
%RSD:		0	2.56				

Standard number 3 applied. [2]
Correlation Coef.: 0.998891 Slope: 0.02183 Intercept: -0.00023

Sequence No.: 5 **Autosampler Location: 5**
Sample ID: STD 4 **Date Collected: 7/31/2006 4:52:08 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: STD 4

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5]	0.120	0.126	0.029	16:52:59	Yes
2		[5]	0.119	0.126	0.029	16:53:27	Yes
Mean:		[5]	0.119				
SD:		0	0.0004				
%RSD:		0	0.33				

Standard number 4 applied. [5]
Correlation Coef.: 0.999247 Slope: 0.02391 Intercept: -0.00134

Sequence No.: 6 **Autosampler Location: 6**
Sample ID: STD 5 **Date Collected: 7/31/2006 4:53:48 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: STD 5

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10]	0.251	0.258	0.058	16:54:39	Yes
2		[10]	0.249	0.256	0.058	16:55:08	Yes
Mean:		[10]	0.250				
SD:		0	0.0012				
%RSD:		0	0.47				

Standard number 5 applied. [10]
Correlation Coef.: 0.999538 Slope: 0.02505 Intercept: -0.00263

Calibration data for Hg 253.7 **Equation: Linear, Calculated Intercept**

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calibration Blank	0.0000	0	0.105159	0.00	0.3
STD 1	0.0030	0.2	0.223663	0.00	11.3
STD 2	0.0118	0.5	0.574807	0.00	8.8
STD 3	0.0433	2.0	1.832096	0.00	2.6
STD 4	0.1194	5.0	4.869814	0.00	0.3
STD 5	0.2503	10.0	10.094460	0.00	0.5

Correlation Coef.: 0.999538 Slope: 0.02505 Intercept: -0.00263

==========

Analysis Begun

Logged In Analyst: met
Spectrometer Model: FIMS-400, S/N B050-9560
Technique: AA FIMS-MHS
Autosampler Model: AS-90

Sample Information File: N:\Metals Sample Info\Sample Info.sif
Batch ID:
Results Data Set: 2060731 S2
Results Library: C:\data-AA\met\Results\Results.mdb

==========

Sequence No.: 1
Sample ID: 1600
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 9
Date Collected: 7/31/2006 4:55:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1600

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004816	4.8157	0.118	0.124	0.028	16:56:37	Yes
2	0.004734	4.7345	0.116	0.122	0.028	16:57:05	Yes
Mean:	0.004775	4.7751	0.117				
SD:	0.000057	0.057404	0.0014				
%RSD:	1.2022	1.2022	1.23				

QC value within limits for Hg 253.7 Recovery = 95.50%
All analyte(s) passed QC.

==========

Sequence No.: 2
Sample ID: 1700
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 7/31/2006 4:57:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1700

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000090	0.090354	-0.000	0.006	0.001	16:58:13	Yes
2	0.000092	0.092389	-0.000	0.006	0.001	16:58:41	Yes
Mean:	0.000091	0.091371	-0.000				
SD:	0.000001	0.001439	0.0000				
%RSD:	1.5750	1.5750	10.44				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 3
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 7/31/2006 4:59:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004933	4.9332	0.121	0.127	0.029	16:59:51	Yes
2	0.004903	4.9026	0.120	0.127	0.029	17:00:19	Yes
Mean:	0.004918	4.9179	0.121				
SD:	0.000022	0.021644	0.0005				
%RSD:	0.44010	0.44010	0.45				

QC value within limits for Hg 253.7 Recovery = 98.36%
All analyte(s) passed QC.

==========

Sequence No.: 4
Sample ID: 1900
Autosampler Location: 1
Date Collected: 7/31/2006 5:00:40 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000105	0.10518	0.000	0.006	0.001	17:01:30	Yes
2	0.000085	0.084935	-0.001	0.006	0.001	17:01:58	Yes
Mean:	0.000095	0.095057	-0.000				
SD:	0.000014	0.014314	0.0004				
%RSD:	15.058	15.058	141.68				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 5
Sample ID: 393092
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 17
Date Collected: 7/31/2006 5:02:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 393092

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.008623	0.17246	0.002	0.008	0.002	17:03:05	Yes
2	0.009890	0.19780	0.002	0.009	0.002	17:03:34	Yes
Mean:	0.009256	0.18513	0.002				
SD:	0.000896	0.017918	0.0004				
%RSD:	9.6787	9.6787	22.41				

Sequence No.: 6
Sample ID: 393093
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 18
Date Collected: 7/31/2006 5:03:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 393093

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.28118	5.6235	0.138	0.145	0.033	17:04:41	Yes
2	0.27730	5.5461	0.136	0.143	0.033	17:05:10	Yes
Mean:	0.27924	5.5848	0.137				
SD:	0.002739	0.054771	0.0014				
%RSD:	0.98073	0.98073	1.00				

Sequence No.: 7
Sample ID: 20607210911
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 19
Date Collected: 7/31/2006 5:05:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607210911

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.028939	0.57879	0.012	0.018	0.004	17:06:17	Yes
2	0.026042	0.52085	0.010	0.017	0.004	17:06:46	Yes
Mean:	0.027491	0.54982	0.011				
SD:	0.002049	0.040970	0.0010				
%RSD:	7.4516	7.4516	9.21				

Sequence No.: 8
Sample ID: 20607210912
Analyst:
Initial Sample Wt: 0.6 g

Autosampler Location: 20
Date Collected: 7/31/2006 5:07:04 PM
Data Type: Original
Initial Sample Vol:

Dilution: 1X Sample Prep Vol: 30 mL

Replicate Data: 20607210912

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.29050	5.8101	0.143	0.149	0.033	17:07:54	Yes
2	0.28822	5.7644	0.142	0.148	0.034	17:08:22	Yes
Mean:	0.28936	5.7873	0.142				
SD:	0.001613	0.032261	0.0008				
%RSD:	0.55745	0.55745	0.57				

Sequence No.: 9 Autosampler Location: 21
Sample ID: 20607210913 Date Collected: 7/31/2006 5:08:41 PM
Analyst: Data Type: Original
Initial Sample Wt: 0.6 g Initial Sample Vol:
Dilution: 1X Sample Prep Vol: 30 mL

Replicate Data: 20607210913

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.27693	5.5387	0.136	0.143	0.032	17:09:30	Yes
2	0.27672	5.5344	0.136	0.142	0.032	17:09:59	Yes
Mean:	0.27683	5.5365	0.136				
SD:	0.000152	0.003032	0.0001				
%RSD:	0.054760	0.054760	0.06				

Sequence No.: 10 Autosampler Location: 22
Sample ID: 396035 Date Collected: 7/31/2006 5:10:19 PM
Analyst: Data Type: Original
Initial Sample Wt: 0.6 g Initial Sample Vol:
Dilution: 5X Sample Prep Vol: 30 mL

Replicate Data: 396035

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.061005	0.24402	0.003	0.010	0.002	17:11:08	Yes
2	0.047761	0.19104	0.002	0.009	0.002	17:11:36	Yes
Mean:	0.054383	0.21753	0.003				
SD:	0.009365	0.037461	0.0009				
%RSD:	17.221	17.221	33.34				

Sequence No.: 11 Autosampler Location: 23
Sample ID: 20607210901 Date Collected: 7/31/2006 5:11:56 PM
Analyst: Data Type: Original
Initial Sample Wt: 0.6 g Initial Sample Vol:
Dilution: 1X Sample Prep Vol: 30 mL

Replicate Data: 20607210901

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.021768	0.43535	0.008	0.015	0.003	17:12:45	Yes
2	0.021969	0.43938	0.008	0.015	0.003	17:13:14	Yes
Mean:	0.021868	0.43737	0.008				
SD:	0.000142	0.002849	0.0001				
%RSD:	0.65141	0.65141	0.86				

Sequence No.: 12 Autosampler Location: 24
Sample ID: 20607210902 Date Collected: 7/31/2006 5:13:33 PM
Analyst: Data Type: Original
Initial Sample Wt: 0.61 g Initial Sample Vol:
Dilution: 1X Sample Prep Vol: 30 mL

Replicate Data: 20607210902

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.023929	0.48655	0.010	0.016	0.004	17:14:23	Yes
2	0.022237	0.45214	0.009	0.015	0.003	17:14:52	Yes
Mean:	0.023083	0.46935	0.009				
SD:	0.001197	0.024333	0.0006				
%RSD:	5.1843	5.1843	6.68				

==========

Sequence No.: 13
Sample ID: 20607210903
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 25
Date Collected: 7/31/2006 5:15:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607210903

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003270	0.066481	-0.001	0.005	0.001	17:16:03	Yes
2	0.002388	0.048548	-0.001	0.005	0.001	17:16:31	Yes
Mean:	0.002829	0.057515	-0.001				
SD:	0.000624	0.012680	0.0003				
%RSD:	22.047	22.047	26.61				

==========

Sequence No.: 14
Sample ID: 20607210904
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 26
Date Collected: 7/31/2006 5:16:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607210904

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.045314	0.90627	0.020	0.026	0.006	17:17:42	Yes
2	0.042428	0.84857	0.019	0.025	0.006	17:18:11	Yes
Mean:	0.043871	0.87742	0.019				
SD:	0.002040	0.040804	0.0010				
%RSD:	4.6504	4.6504	5.28				

==========

Sequence No.: 15
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/31/2006 5:18:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004930	4.9298	0.121	0.127	0.028	17:19:22	Yes
2	0.004889	4.8894	0.120	0.126	0.028	17:19:51	Yes
Mean:	0.004910	4.9096	0.120				
SD:	0.000029	0.028582	0.0007				
%RSD:	0.58217	0.58217	0.59				

QC value within limits for Hg 253.7 Recovery = 98.19%
All analyte(s) passed QC.

==========

Sequence No.: 16
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/31/2006 5:20:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.000080	0.080282	-0.001	0.006	0.001	17:21:00	Yes
2	0.000073	0.073275	-0.001	0.006	0.001	17:21:30	Yes
Mean:	0.000077	0.076779	-0.001				
SD:	0.000005	0.004955	0.0001				
%RSD:	6.4535	6.4535	17.46				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 17 Autosampler Location: 27
Sample ID: 20607210905 Date Collected: 7/31/2006 5:21:49 PM
Analyst: Data Type: Original
Initial Sample Wt: 0.61 g Initial Sample Vol:
Dilution: 1X Sample Prep Vol: 30 mL

Replicate Data: 20607210905

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009767	0.19859	0.002	0.009	0.002	17:22:39	Yes
2	0.009135	0.18574	0.002	0.008	0.002	17:23:08	Yes
Mean:	0.009451	0.19216	0.002				
SD:	0.000447	0.009082	0.0002				
%RSD:	4.7264	4.7264	10.44				

==========

Sequence No.: 18 Autosampler Location: 28
Sample ID: 20607210906 Date Collected: 7/31/2006 5:23:29 PM
Analyst: Data Type: Original
Initial Sample Wt: 0.61 g Initial Sample Vol:
Dilution: 1X Sample Prep Vol: 30 mL

Replicate Data: 20607210906

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.015118	0.30740	0.005	0.011	0.003	17:24:20	Yes
2	0.016744	0.34045	0.006	0.012	0.003	17:24:48	Yes
Mean:	0.015931	0.32392	0.005				
SD:	0.001150	0.023373	0.0006				
%RSD:	7.2157	7.2157	10.68				

==========

Sequence No.: 19 Autosampler Location: 29
Sample ID: 20607210909 Date Collected: 7/31/2006 5:25:10 PM
Analyst: Data Type: Original
Initial Sample Wt: 0.6 g Initial Sample Vol:
Dilution: 1X Sample Prep Vol: 30 mL

Replicate Data: 20607210909

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.029587	0.59175	0.012	0.019	0.004	17:26:01	Yes
2	0.028385	0.56771	0.012	0.018	0.004	17:26:29	Yes
Mean:	0.028986	0.57973	0.012				
SD:	0.000850	0.016998	0.0004				
%RSD:	2.9321	2.9321	3.58				

==========

Sequence No.: 20 Autosampler Location: 30
Sample ID: 20607210910 Date Collected: 7/31/2006 5:26:51 PM
Analyst: Data Type: Original
Initial Sample Wt: 0.6 g Initial Sample Vol:
Dilution: 1X Sample Prep Vol: 30 mL

Replicate Data: 20607210910

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.028095	0.56191	0.011	0.018	0.004	17:27:42	Yes
2	0.026287	0.52574	0.011	0.017	0.004	17:28:11	Yes

Mean:	0.027191	0.54382	0.011
SD:	0.001279	0.025578	0.0006
%RSD:	4.7034	4.7034	5.83

Sequence No.: 21
Sample ID: 20607210914
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 31
Date Collected: 7/31/2006 5:28:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607210914

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006913	0.14057	0.001	0.007	0.002	17:29:24	Yes
2	0.007455	0.15158	0.001	0.008	0.002	17:29:53	Yes
Mean:	0.007184	0.14607	0.001				
SD:	0.000383	0.007785	0.0002				
%RSD:	5.3297	5.3297	19.03				

Sequence No.: 22
Sample ID: 20607210915
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 32
Date Collected: 7/31/2006 5:30:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607210915

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.014466	0.29415	0.005	0.011	0.002	17:31:03	Yes
2	0.013094	0.26625	0.004	0.010	0.002	17:31:32	Yes
Mean:	0.013780	0.28020	0.004				
SD:	0.000970	0.019729	0.0005				
%RSD:	7.0412	7.0412	11.27				

Sequence No.: 23
Sample ID: 20607210916
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 33
Date Collected: 7/31/2006 5:31:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607210916

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.070365	1.4073	0.033	0.039	0.009	17:32:38	Yes
2	0.071642	1.4328	0.033	0.040	0.009	17:33:06	Yes
Mean:	0.071004	1.4201	0.033				
SD:	0.000902	0.018050	0.0005				
%RSD:	1.2710	1.2710	1.37				

Sequence No.: 24
Sample ID: 20607210917
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 34
Date Collected: 7/31/2006 5:33:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607210917

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.015343	0.30687	0.005	0.011	0.002	17:34:12	Yes
2	0.012734	0.25467	0.004	0.010	0.002	17:34:41	Yes
Mean:	0.014038	0.28077	0.004				
SD:	0.001845	0.036905	0.0009				
%RSD:	13.144	13.144	21.02				

Sequence No.: 25
Sample ID: 393059
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 35
Date Collected: 7/31/2006 5:35:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 393059

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003588	0.071764	-0.001	0.006	0.001	17:35:49	Yes
2	0.003000	0.059991	-0.001	0.005	0.001	17:36:18	Yes
Mean:	0.003294	0.065877	-0.001				
SD:	0.000416	0.008325	0.0002				
%RSD:	12.637	12.637	21.19				

Sequence No.: 26
Sample ID: 393060
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 36
Date Collected: 7/31/2006 5:36:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 393060

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.26235	5.2470	0.129	0.135	0.030	17:37:25	Yes
2	0.25959	5.1919	0.127	0.134	0.030	17:37:54	Yes
Mean:	0.26097	5.2194	0.128				
SD:	0.001949	0.038971	0.0010				
%RSD:	0.74665	0.74665	0.76				

Sequence No.: 27
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/31/2006 5:38:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004953	4.9525	0.121	0.128	0.028	17:39:04	Yes
2	0.004845	4.8454	0.119	0.125	0.028	17:39:32	Yes
Mean:	0.004899	4.8990	0.120				
SD:	0.000076	0.075722	0.0019				
%RSD:	1.5457	1.5457	1.58				

QC value within limits for Hg 253.7 Recovery = 97.98%
All analyte(s) passed QC.

Sequence No.: 28
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/31/2006 5:39:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000111	0.11069	0.000	0.007	0.001	17:40:41	Yes
2	0.000100	0.10006	-0.000	0.006	0.001	17:41:10	Yes
Mean:	0.000105	0.10537	0.000				
SD:	0.000008	0.007517	0.0002				
%RSD:	7.1337	7.1337	>999.9%				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 29
Sample ID: 20607200602
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 37
Date Collected: 7/31/2006 5:41:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200602

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.026196	0.52391	0.010	0.017	0.004	17:42:18	Yes
2	0.026380	0.52759	0.011	0.017	0.004	17:42:47	Yes
Mean:	0.026288	0.52575	0.011				
SD:	0.000130	0.002605	0.0001				
%RSD:	0.49547	0.49547	0.62				

Sequence No.: 30
Sample ID: 20607200603
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 38
Date Collected: 7/31/2006 5:43:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200603

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.27359	5.4718	0.134	0.141	0.031	17:43:56	Yes
2	0.27473	5.4946	0.135	0.141	0.031	17:44:24	Yes
Mean:	0.27416	5.4832	0.135				
SD:	0.000808	0.016167	0.0004				
%RSD:	0.29484	0.29484	0.30				

Sequence No.: 31
Sample ID: 20607200604
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 39
Date Collected: 7/31/2006 5:44:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200604

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.26463	5.2927	0.130	0.136	0.030	17:45:33	Yes
2	0.26379	5.2758	0.130	0.136	0.030	17:46:02	Yes
Mean:	0.26421	5.2843	0.130				
SD:	0.000595	0.011897	0.0003				
%RSD:	0.22513	0.22513	0.23				

Sequence No.: 32
Sample ID: 396036
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 5X

Autosampler Location: 40
Date Collected: 7/31/2006 5:46:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 396036

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.027357	0.10943	0.000	0.007	0.001	17:47:12	Yes
2	0.021458	0.085831	-0.000	0.006	0.001	17:47:41	Yes
Mean:	0.024407	0.097629	-0.000				
SD:	0.004171	0.016685	0.0004				
%RSD:	17.090	17.090	221.57				

Sequence No.: 33
Sample ID: 20607200601
Analyst:

Autosampler Location: 41
Date Collected: 7/31/2006 5:48:01 PM
Data Type: Original

Initial Sample Wt: 0.6 g
Dilution: 1X

Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200601

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.017083	0.34167	0.006	0.012	0.003	17:48:51	Yes
2	0.017321	0.34642	0.006	0.012	0.003	17:49:20	Yes
Mean:	0.017202	0.34404	0.006				
SD:	0.000168	0.003356	0.0001				
%RSD:	0.97549	0.97549	1.40				

Sequence No.: 34
Sample ID: 20607200605
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 42
Date Collected: 7/31/2006 5:49:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200605

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007837	0.15936	0.001	0.008	0.002	17:50:30	Yes
2	0.007250	0.14742	0.001	0.007	0.002	17:50:59	Yes
Mean:	0.007544	0.15339	0.001				
SD:	0.000415	0.008440	0.0002				
%RSD:	5.5026	5.5026	17.50				

Sequence No.: 35
Sample ID: 20607200606
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 43
Date Collected: 7/31/2006 5:51:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200606

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006258	0.12725	0.001	0.007	0.001	17:52:10	Yes
2	0.004489	0.091276	-0.000	0.006	0.001	17:52:38	Yes
Mean:	0.005374	0.10926	0.000				
SD:	0.001251	0.025438	0.0006				
%RSD:	23.281	23.281	619.90				

Sequence No.: 36
Sample ID: 20607200607
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 44
Date Collected: 7/31/2006 5:52:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200607

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007184	0.14368	0.001	0.007	0.001	17:53:50	Yes
2	0.005630	0.11261	0.000	0.007	0.001	17:54:19	Yes
Mean:	0.006407	0.12814	0.001				
SD:	0.001099	0.021972	0.0006				
%RSD:	17.147	17.147	95.60				

Sequence No.: 37
Sample ID: 20607200608
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 45
Date Collected: 7/31/2006 5:54:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200608

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.022619	0.45992	0.009	0.015	0.003	17:55:30	Yes
2	0.023804	0.48401	0.009	0.016	0.003	17:55:59	Yes
Mean:	0.023211	0.47197	0.009				
SD:	0.000838	0.017036	0.0004				
%RSD:	3.6095	3.6095	4.64				

==========

Sequence No.: 38
Sample ID: 20607200609
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 46
Date Collected: 7/31/2006 5:56:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200609

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.021662	0.43324	0.008	0.015	0.003	17:57:12	Yes
2	0.022808	0.45617	0.009	0.015	0.003	17:57:40	Yes
Mean:	0.022235	0.44470	0.009				
SD:	0.000811	0.016213	0.0004				
%RSD:	3.6457	3.6457	4.77				

==========

Sequence No.: 39
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/31/2006 5:58:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004870	4.8702	0.119	0.126	0.028	17:58:52	Yes
2	0.004868	4.8681	0.119	0.126	0.028	17:59:21	Yes
Mean:	0.004869	4.8691	0.119				
SD:	0.000001	0.001487	0.0000				
%RSD:	0.030546	0.030546	0.03				

QC value within limits for Hg 253.7 Recovery = 97.38%
All analyte(s) passed QC.

==========

Sequence No.: 40
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/31/2006 5:59:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000072	0.071618	-0.001	0.006	0.001	18:00:30	Yes
2	0.000084	0.084349	-0.001	0.006	0.001	18:00:59	Yes
Mean:	0.000078	0.077984	-0.001				
SD:	0.000009	0.009002	0.0002				
%RSD:	11.543	11.543	33.12				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 41
Sample ID: 20607200611
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 47
Date Collected: 7/31/2006 6:01:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200611

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007093	0.14185	0.001	0.007	0.002	18:02:10	Yes
2	0.011490	0.22981	0.003	0.010	0.002	18:02:39	Yes
Mean:	0.009291	0.18583	0.002				
SD:	0.003110	0.062192	0.0016				
%RSD:	33.467	33.467	77.09				

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Sequence No.: 42
Sample ID: 20607200612
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 48
Date Collected: 7/31/2006 6:03:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200612

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.012365	0.25142	0.004	0.010	0.002	18:03:48	Yes
2	0.013121	0.26679	0.004	0.010	0.002	18:04:17	Yes
Mean:	0.012743	0.25910	0.004				
SD:	0.000534	0.010867	0.0003				
%RSD:	4.1941	4.1941	7.06				

Sequence No.: 43
Sample ID: 20607200613
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 49
Date Collected: 7/31/2006 6:04:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200613

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.020979	0.42657	0.008	0.014	0.003	18:05:23	Yes
2	0.019650	0.39956	0.007	0.014	0.003	18:05:52	Yes
Mean:	0.020314	0.41306	0.008				
SD:	0.000939	0.019098	0.0005				
%RSD:	4.6235	4.6235	6.20				

Sequence No.: 44
Sample ID: 20607200614
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 50
Date Collected: 7/31/2006 6:06:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200614

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.025683	0.51367	0.010	0.017	0.004	18:06:58	Yes
2	0.025185	0.50370	0.010	0.016	0.004	18:07:27	Yes
Mean:	0.025434	0.50868	0.010				
SD:	0.000352	0.007050	0.0002				
%RSD:	1.3859	1.3859	1.75				

Sequence No.: 45
Sample ID: 20607200615
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 51
Date Collected: 7/31/2006 6:07:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200615

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009018	0.18037	0.002	0.008	0.002	18:08:33	Yes

Sequence No.: 50
Sample ID: 20607274401
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 56
Date Collected: 7/31/2006 6:15:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607274401

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003358	0.067165	-0.001	0.005	0.001	18:16:39	Yes
2	0.003692	0.073847	-0.001	0.006	0.001	18:17:07	Yes
Mean:	0.003525	0.070506	-0.001				
SD:	0.000236	0.004725	0.0001				
%RSD:	6.7013	6.7013	13.63				

Sequence No.: 51
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/31/2006 6:17:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004847	4.8468	0.119	0.125	0.028	18:18:17	Yes
2	0.004848	4.8482	0.119	0.125	0.028	18:18:46	Yes
Mean:	0.004848	4.8475	0.119				
SD:	0.000001	0.001005	0.0000				
%RSD:	0.020735	0.020735	0.02				

QC value within limits for Hg 253.7 Recovery = 96.95%
All analyte(s) passed QC.

Sequence No.: 52
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/31/2006 6:19:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000050	0.050469	-0.001	0.005	0.001	18:19:55	Yes
2	0.000055	0.055354	-0.001	0.005	0.001	18:20:24	Yes
Mean:	0.000053	0.052912	-0.001				
SD:	0.000003	0.003454	0.0001				
%RSD:	6.5281	6.5281	6.61				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 53
Sample ID: 395280
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 57
Date Collected: 7/31/2006 6:20:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 395280

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001757	0.035136	-0.002	0.005	0.001	18:21:33	Yes
2	0.002849	0.056983	-0.001	0.005	0.001	18:22:02	Yes
Mean:	0.002303	0.046059	-0.001				
SD:	0.000772	0.015448	0.0004				
%RSD:	33.539	33.539	26.14				

2	0.005632	0.11263	0.000	0.007	0.001	18:09:03	Yes
Mean:	0.007325	0.14650	0.001				
SD:	0.002395	0.047895	0.0012				
%RSD:	32.692	32.692	115.85				

==========

Sequence No.: 46
Sample ID: 20607200616
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 52
Date Collected: 7/31/2006 6:09:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200616

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.008223	0.16721	0.002	0.008	0.002	18:10:10	Yes
2	0.006948	0.14128	0.001	0.007	0.002	18:10:39	Yes
Mean:	0.007586	0.15424	0.001				
SD:	0.000902	0.018335	0.0005				
%RSD:	11.887	11.887	37.35				

==========

Sequence No.: 47
Sample ID: 20607200617
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 53
Date Collected: 7/31/2006 6:10:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

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Replicate Data: 20607200617

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007646	0.15293	0.001	0.008	0.002	18:11:46	Yes
2	0.012139	0.24278	0.003	0.010	0.002	18:12:15	Yes
Mean:	0.009893	0.19785	0.002				
SD:	0.003177	0.063538	0.0016				
%RSD:	32.114	32.114	68.55				

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Sequence No.: 48
Sample ID: 395278
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 54
Date Collected: 7/31/2006 6:12:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 395278

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002501	0.050012	-0.001	0.005	0.001	18:13:23	Yes
2	0.002333	0.046664	-0.001	0.005	0.001	18:13:51	Yes
Mean:	0.002417	0.048338	-0.001				
SD:	0.000118	0.002368	0.0001				
%RSD:	4.8986	4.8986	4.17				

==========

Sequence No.: 49
Sample ID: 395279
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 55
Date Collected: 7/31/2006 6:14:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 395279

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.26239	5.2478	0.129	0.135	0.031	18:15:00	Yes
2	0.26294	5.2589	0.129	0.136	0.031	18:15:29	Yes
Mean:	0.26267	5.2533	0.129				
SD:	0.000390	0.007795	0.0002				
%RSD:	0.14838	0.14838	0.15				

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002060

Sequence No.: 54
Sample ID: 395281
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 58
Date Collected: 7/31/2006 6:22:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 395281

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.74397	14.879	0.370	0.377	0.094	18:23:12	Yes
	Sample concentration is greater than that of the highest standard.						
2	0.75049	15.010	0.373	0.380	0.095	18:23:41	Yes
	Sample concentration is greater than that of the highest standard.						
Mean:	0.74723	14.945	0.372				
SD:	0.004612	0.092245	0.0023				
%RSD:	0.61725	0.61725	0.62				
	Sample concentration is greater than that of the highest standard.						

Sequence No.: 55
Sample ID: 396037
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 5X

Autosampler Location: 59
Date Collected: 7/31/2006 6:24:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 396037

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.004751	-0.019003	-0.003	0.003	0.001	18:24:52	Yes
2	0.001588	0.006353	-0.002	0.004	0.001	18:25:20	Yes
Mean:	-0.001581	-0.006325	-0.003				
SD:	0.004482	0.017929	0.0004				
%RSD:	283.47	283.47	16.08				

Sequence No.: 56
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/31/2006 6:25:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004813	4.8134	0.118	0.124	0.027	18:26:31	Yes
2	0.004798	4.7975	0.118	0.124	0.028	18:27:00	Yes
Mean:	0.004805	4.8055	0.118				
SD:	0.000011	0.011209	0.0003				
%RSD:	0.23325	0.23325	0.24				

QC value within limits for Hg 253.7 Recovery = 96.11%
All analyte(s) passed QC.

Sequence No.: 57
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/31/2006 6:27:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000043	0.043427	-0.002	0.005	0.001	18:28:09	Yes
2	0.000068	0.067526	-0.001	0.005	0.001	18:28:38	Yes
Mean:	0.000055	0.055477	-0.001				
SD:	0.000017	0.017041	0.0004				

%RSD: 30.717 30.717 34.30
QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

MERCURY

SnCl2 ID 161.11.3
NaCl2/(NH2OH)2 161.11.14
INSTRUMENT FIMS

ANALYST CNB
DATE 8/1/2006
TIME 14:03

$R^2 = 0.999664$

AS LOC	HSN / CLIENT	SAMPLE ID	DILUTION	MATRIX	RECOVERY
9	ICV-1600				98
1	ICB-1700				
5	CCV-1800				103
1	CCB-1900				
17		20607200611		Solid	
18		20607200617		Solid	
19	395278	MB for HBN 329006 S		Solid	
20	395279	LCS for HBN 329006 S		Solid	94
21	--- 2554 ---	20607274401		Solid	
22	395280	20607274401 DUP		Solid	
23	395281	20607274401 MS		Solid	105
24	396302	20607274401 SD	5 X	Solid	
25	396031	MB for HBN 329131 S		Solid	
26	396032	LCS for HBN 329131 S		Solid	99
5	CCV-1800				103
1	CCB-1900				
27	--- 3031 ---	20607313503		Solid	
28	396033	20607313503 MS		Solid	96
29	396034	~~20607313503 MSD~~	RIR	Solid	
30	396303	20607313503 SD	5 X	Solid	
31		20607313301		Solid	
32		20607313504		Solid	
33		20607313505		Solid	
34		20607313506 FLDDUP		Solid	
35		~~20607313507~~	RR	Solid	
36		20607313512		Solid	
5	CCV-1800				102
1	CCB-1900				
37		20607313513		Solid	
38		20607313514		Solid	
39		20607313515		Solid	
40		20607313516 FLDDUP		Solid	
41		20607283701		Solid	
42		20608011001		Solid	
43	396034	20607313503 MSD		Solid	188
44		20607313507		Solid	
45					
46					
5	CCV-1800				102
1	CCB-1900				
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
5	CCV-1800				
1	CCB-1900				

CONTROL LIMITS

ICV : 90-110%
CCV: 80-120%

COMMENTS:
2982 , 329190

Calibration ID: 20608015
HG STD ID: 160.431

ANALYST QC REV: CNB
SECONDARY REV: MAP

Go to page 2

Analysis Begun

Logged In Analyst: met
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-400, S/N B050-9560
Autosampler Model: AS-90

Sample Information File: N:\Metals Sample Info\Sample Info.sif
Batch ID:
Results Data Set: 2060801 S1
Results Library: C:\data-AA\met\Results\Results.mdb

Sequence No.: 1
Autosampler Location: 1
Sample ID: Calibration Blank
Date Collected: 8/1/2006 2:02:22 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: Calibration Blank

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.007	0.007	0.001	14:03:10	Yes
2		[0.00]	0.007	0.007	0.002	14:03:39	Yes
Mean:		[0.00]	0.007				
SD:		0.00	0.0004				
%RSD:		0.00	6.24				

Auto-zero performed.

Sequence No.: 2
Autosampler Location: 2
Sample ID: STD 1
Date Collected: 8/1/2006 2:03:58 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: STD 1

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.009	0.016	0.003	14:04:47	Yes
2		[0.2]	0.008	0.015	0.003	14:05:16	Yes
Mean:		[0.2]	0.009				
SD:		0.0	0.0009				
%RSD:		0.0	11.02				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.04285 Intercept: 0.00000

Sequence No.: 3
Autosampler Location: 3
Sample ID: STD 2
Date Collected: 8/1/2006 2:05:36 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: STD 2

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.013	0.020	0.004	14:06:25	Yes
2		[0.5]	0.013	0.020	0.004	14:06:53	Yes
Mean:		[0.5]	0.013				
SD:		0.0	0.0005				
%RSD:		0.0	3.55				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.956690 Slope: 0.02517 Intercept: 0.00133

Sequence No.: 4
Autosampler Location: 4
Sample ID: STD 3
Date Collected: 8/1/2006 2:07:14 PM
Analyst:
Data Type: Original

Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: STD 3

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2]	0.075	0.082	0.017	14:08:04	Yes
2		[2]	0.074	0.081	0.017	14:08:32	Yes
Mean:		[2]	0.074				
SD:		0	0.0007				
%RSD:		0	0.95				

Standard number 3 applied. [2]
Correlation Coef.: 0.996100 Slope: 0.03722 Intercept: -0.00120

Sequence No.: 5 Autosampler Location: 5
Sample ID: STD 4 Date Collected: 8/1/2006 2:08:53 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: STD 4

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5]	0.188	0.196	0.042	14:09:43	Yes
2		[5]	0.184	0.191	0.042	14:10:12	Yes
Mean:		[5]	0.186				
SD:		0	0.0029				
%RSD:		0	1.53				

Standard number 4 applied. [5]
Correlation Coef.: 0.999449 Slope: 0.03751 Intercept: -0.00135

Sequence No.: 6 Autosampler Location: 6
Sample ID: STD 5 Date Collected: 8/1/2006 2:10:33 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: STD 5

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10]	0.359	0.366	0.079	14:11:24	Yes
2		[10]	0.359	0.366	0.079	14:11:52	Yes
Mean:		[10]	0.359				
SD:		0	0.0000				
%RSD:		0	0.01				

Standard number 5 applied. [10]
Correlation Coef.: 0.999664 Slope: 0.03616 Intercept: 0.00017

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calibration Blank	0.0000	0	-0.004565	0.00	6.2
STD 1	0.0086	0.2	0.232444	0.00	11.0
STD 2	0.0130	0.5	0.355646	0.00	3.5
STD 3	0.0741	2.0	2.044566	0.00	0.9
STD 4	0.1863	5.0	5.148507	0.00	1.5
STD 5	0.3590	10.0	9.923402	0.00	0.0

Correlation Coef.: 0.999664 Slope: 0.03616 Intercept: 0.00017

Sequence No.: 7 Autosampler Location: 9
Sample ID: 1600 Date Collected: 8/1/2006 2:12:13 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: 1600

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004902	4.9023	0.177	0.185	0.040	14:13:02	Yes
2	0.004896	4.8959	0.177	0.184	0.040	14:13:31	Yes
Mean:	0.004899	4.8991	0.177				
SD:	0.000004	0.004470	0.0002				
%RSD:	0.091240	0.091240	0.09				

QC value within limits for Hg 253.7 Recovery = 97.98%
All analyte(s) passed QC.

Sequence No.: 8 Autosampler Location: 1
Sample ID: 1700 Date Collected: 8/1/2006 2:13:50 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: 1700

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000017	0.016568	0.001	0.008	0.002	14:14:39	Yes
2	0.000029	0.028913	0.001	0.008	0.002	14:15:07	Yes
Mean:	0.000023	0.022740	0.001				
SD:	0.000009	0.008729	0.0003				
%RSD:	38.387	38.387	31.97				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 9 Autosampler Location: 5
Sample ID: 1800 Date Collected: 8/1/2006 2:15:26 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005187	5.1866	0.188	0.195	0.042	14:16:17	Yes
2	0.005147	5.1466	0.186	0.193	0.042	14:16:45	Yes
Mean:	0.005167	5.1666	0.187				
SD:	0.000028	0.028274	0.0010				
%RSD:	0.54725	0.54725	0.55				

QC value within limits for Hg 253.7 Recovery = 103.33%
All analyte(s) passed QC.

Sequence No.: 10 Autosampler Location: 1
Sample ID: 1900 Date Collected: 8/1/2006 2:17:06 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000008	0.007555	0.000	0.008	0.001	14:17:55	Yes
2	-0.000022	-0.021503	-0.001	0.007	0.001	14:18:23	Yes
Mean:	-0.000007	-0.006974	-0.000				
SD:	0.000021	0.020547	0.0007				
%RSD:	294.63	294.63	852.99				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 11 Autosampler Location: 17

Sample ID: 20607200611
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Date Collected: 8/1/2006 2:18:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200611

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.004500	-0.090005	-0.003	0.004	0.001	14:19:31	Yes
2	-0.003343	-0.066863	-0.002	0.005	0.001	14:20:00	Yes
Mean:	-0.003922	-0.078434	-0.003				
SD:	0.000818	0.016364	0.0006				
%RSD:	20.864	20.864	22.15				

Sequence No.: 12
Sample ID: 20607200617
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 18
Date Collected: 8/1/2006 2:20:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607200617

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000097	0.001931	0.000	0.007	0.002	14:21:07	Yes
2	-0.000637	-0.012735	-0.000	0.007	0.002	14:21:35	Yes
Mean:	-0.000270	-0.005402	-0.000				
SD:	0.000519	0.010371	0.0004				
%RSD:	191.97	191.97	>999.9%				

Sequence No.: 13
Sample ID: 395278
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 19
Date Collected: 8/1/2006 2:21:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 395278

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.002875	-0.057491	-0.002	0.005	0.001	14:22:43	Yes
2	-0.002796	-0.055923	-0.002	0.005	0.001	14:23:11	Yes
Mean:	-0.002835	-0.056707	-0.002				
SD:	0.000055	0.001108	0.0000				
%RSD:	1.9544	1.9544	2.13				

Sequence No.: 14
Sample ID: 395279
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 20
Date Collected: 8/1/2006 2:23:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 395279

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.23634	4.7269	0.171	0.178	0.039	14:24:19	Yes
2	0.23560	4.7120	0.171	0.178	0.039	14:24:48	Yes
Mean:	0.23597	4.7194	0.171				
SD:	0.000525	0.010501	0.0004				
%RSD:	0.22251	0.22251	0.22				

Sequence No.: 15
Sample ID: 20607274401
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 21
Date Collected: 8/1/2006 2:25:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607274401

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.005730	-0.11459	-0.004	0.003	0.001	14:25:56	Yes
2	-0.004850	-0.097003	-0.003	0.004	0.001	14:26:25	Yes
Mean:	-0.005290	-0.10580	-0.004				
SD:	0.000622	0.012439	0.0004				
%RSD:	11.757	11.757	12.29				

Sequence No.: 16
Sample ID: 395280
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 22
Date Collected: 8/1/2006 2:26:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 395280

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007581	-0.15161	-0.005	0.002	0.001	14:27:34	Yes
2	-0.007283	-0.14567	-0.005	0.002	0.001	14:28:02	Yes
Mean:	-0.007432	-0.14864	-0.005				
SD:	0.000210	0.004202	0.0002				
%RSD:	2.8269	2.8269	2.92				

Sequence No.: 17
Sample ID: 395281
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 23
Date Collected: 8/1/2006 2:28:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 395281

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.52615	10.523	0.381	0.388	0.087	14:29:11	Yes
2	0.52287	10.457	0.378	0.385	0.087	14:29:40	Yes
Mean:	0.52451	10.490	0.380				
SD:	0.002322	0.046444	0.0017				
%RSD:	0.44274	0.44274	0.44				

Sequence No.: 18
Sample ID: 396302
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 5X

Autosampler Location: 24
Date Collected: 8/1/2006 2:30:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 396302

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.046080	-0.18432	-0.007	0.001	0.000	14:30:50	Yes
2	-0.047339	-0.18936	-0.007	0.000	0.000	14:31:18	Yes
Mean:	-0.046710	-0.18684	-0.007				
SD:	0.000890	0.003561	0.0001				
%RSD:	1.9057	1.9057	1.95				

Sequence No.: 19
Sample ID: 396031
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 25
Date Collected: 8/1/2006 2:31:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 396031

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	mg/kg	ug/L	Signal	Area	Height		Stored
1	-0.002140	-0.042801	-0.001	0.006	0.001	14:32:28	Yes
2	-0.002204	-0.044082	-0.001	0.006	0.001	14:32:58	Yes
Mean:	-0.002172	-0.043442	-0.001				
SD:	0.000045	0.000906	0.0000				
%RSD:	2.0856	2.0856	2.33				

==========

Sequence No.: 20
Sample ID: 396032
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 26
Date Collected: 8/1/2006 2:33:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 396032

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.24808	4.9615	0.180	0.187	0.041	14:34:08	Yes
2	0.24590	4.9181	0.178	0.185	0.041	14:34:37	Yes
Mean:	0.24699	4.9398	0.179				
SD:	0.001536	0.030725	0.0011				
%RSD:	0.62199	0.62199	0.62				

==========

Sequence No.: 21
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/1/2006 2:34:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005143	5.1433	0.186	0.193	0.041	14:35:48	Yes
2	0.005130	5.1304	0.186	0.193	0.042	14:36:17	Yes
Mean:	0.005137	5.1368	0.186				
SD:	0.000009	0.009134	0.0003				
%RSD:	0.17781	0.17781	0.18				

QC value within limits for Hg 253.7 Recovery = 102.74%
All analyte(s) passed QC.

==========

Sequence No.: 22
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/1/2006 2:36:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000035	-0.035456	-0.001	0.006	0.001	14:37:26	Yes
2	-0.000042	-0.041608	-0.001	0.006	0.001	14:37:54	Yes
Mean:	-0.000039	-0.038532	-0.001				
SD:	0.000004	0.004350	0.0002				
%RSD:	11.290	11.290	12.81				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 23
Sample ID: 20607313503
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 27
Date Collected: 8/1/2006 2:38:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607313503

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	mg/kg	ug/L	Signal	Area	Height		Stored
1	0.060011	1.2002	0.044	0.051	0.011	14:39:04	Yes
2	0.061909	1.2382	0.045	0.052	0.011	14:39:34	Yes
Mean:	0.060960	1.2192	0.044				
SD:	0.001342	0.026839	0.0010				
%RSD:	2.2013	2.2013	2.19				

Sequence No.: 24
Sample ID: 396033
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 28
Date Collected: 8/1/2006 2:39:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 396033

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.30105	6.0211	0.218	0.225	0.048	14:40:45	Yes
2	0.30136	6.0272	0.218	0.225	0.049	14:41:14	Yes
Mean:	0.30121	6.0241	0.218				
SD:	0.000217	0.004343	0.0002				
%RSD:	0.072100	0.072100	0.07				

Sequence No.: 25
Sample ID: 396034
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 29
Date Collected: 8/1/2006 2:41:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

CNB 8.1.06

Replicate Data: 396034

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.40907	8.1813	0.296	0.303	0.066	14:42:26	Yes
2	0.40641	8.1281	0.294	0.301	0.066	14:42:55	Yes
Mean:	0.40774	8.1547	0.295				
SD:	0.001882	0.037631	0.0014				
%RSD:	0.46146	0.46146	0.46				

Sequence No.: 26
Sample ID: 396303
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 5X

Autosampler Location: 30
Date Collected: 8/1/2006 2:43:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 396303

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.044471	0.17788	0.007	0.014	0.003	14:44:07	Yes
2	0.034762	0.13905	0.005	0.012	0.003	14:44:36	Yes
Mean:	0.039616	0.15846	0.006				
SD:	0.006865	0.027462	0.0010				
%RSD:	17.330	17.330	16.84				

Sequence No.: 27
Sample ID: 20607313301
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 31
Date Collected: 8/1/2006 2:44:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607313301

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.040533	0.82418	0.030	0.037	0.008	14:45:49	Yes
2	0.038661	0.78610	0.029	0.036	0.008	14:46:18	Yes
Mean:	0.039597	0.80514	0.029				

SD:	0.001324	0.026921	0.0010
%RSD:	3.3437	3.3437	3.32

==========

Sequence No.: 28
Sample ID: 20607313504
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 32
Date Collected: 8/1/2006 2:46:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607313504

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.028932	0.58828	0.021	0.029	0.006	14:47:28	Yes
2	0.028723	0.58404	0.021	0.028	0.006	14:47:57	Yes
Mean:	0.028828	0.58616	0.021				
SD:	0.000147	0.002997	0.0001				
%RSD:	0.51133	0.51133	0.51				

==========

Sequence No.: 29
Sample ID: 20607313505
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 33
Date Collected: 8/1/2006 2:48:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607313505

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.016105	0.32211	0.012	0.019	0.004	14:49:03	Yes
2	0.016604	0.33207	0.012	0.019	0.004	14:49:32	Yes
Mean:	0.016354	0.32709	0.012				
SD:	0.000352	0.007046	0.0003				
%RSD:	2.1542	2.1542	2.12				

==========

Sequence No.: 30
Sample ID: 20607313506 FLDDUP
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 34
Date Collected: 8/1/2006 2:49:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607313506 FLDDUP

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.034716	0.69432	0.025	0.032	0.007	14:50:39	Yes
2	0.034526	0.69052	0.025	0.032	0.007	14:51:07	Yes
Mean:	0.034621	0.69242	0.025				
SD:	0.000134	0.002686	0.0001				
%RSD:	0.38795	0.38795	0.39				

==========

Sequence No.: 31
Sample ID: 20607313507
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 35
Date Collected: 8/1/2006 2:51:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

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Replicate Data: 20607313507

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.010296	0.20935	0.008	0.015	0.003	14:52:14	Yes
2	0.009625	0.19571	0.007	0.014	0.003	14:52:43	Yes
Mean:	0.009960	0.20253	0.007				
SD:	0.000474	0.009647	0.0003				
%RSD:	4.7634	4.7634	4.66				

==========

Sequence No.: 32
Sample ID: 20607313512
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 36
Date Collected: 8/1/2006 2:53:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607313512

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006763	0.13751	0.005	0.012	0.003	14:53:51	Yes
2	0.006676	0.13575	0.005	0.012	0.003	14:54:20	Yes
Mean:	0.006720	0.13663	0.005				
SD:	0.000061	0.001244	0.0000				
%RSD:	0.91052	0.91052	0.88				

Sequence No.: 33
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/1/2006 2:54:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005152	5.1523	0.186	0.194	0.042	14:55:30	Yes
2	0.005063	5.0627	0.183	0.190	0.042	14:55:58	Yes
Mean:	0.005107	5.1075	0.185				
SD:	0.000063	0.063368	0.0023				
%RSD:	1.2407	1.2407	1.24				

QC value within limits for Hg 253.7 Recovery = 102.15%
All analyte(s) passed QC.

Sequence No.: 34
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/1/2006 2:56:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000020	-0.020352	-0.001	0.007	0.001	14:57:08	Yes
2	-0.000022	-0.022245	-0.001	0.007	0.001	14:57:37	Yes
Mean:	-0.000021	-0.021299	-0.001				
SD:	0.000001	0.001339	0.0000				
%RSD:	6.2862	6.2862	8.00				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.
User canceled analysis.

Analysis Begun

Logged In Analyst: met
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-400, S/N B050-9560
Autosampler Model: AS-90

Sample Information File: N:\Metals Sample Info\Sample Info.sif
Batch ID:
Results Data Set: 2060801 S1
Results Library: C:\data-AA\met\Results\Results.mdb

Method Loaded
Method Name: Mercury
Method Last Saved: 7/29/2006 11:05:58 AM
Method Description: Mercury

Sequence No.: 1
Autosampler Location: 37
Sample ID: 20607313513
Date Collected: 8/1/2006 2:57:55 PM
Analyst:
Data Type: Original
Initial Sample Wt: 0.6 g
Initial Sample Vol:
Dilution: 1X
Sample Prep Vol: 30 mL

Replicate Data: 20607313513

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.020246	0.40493	0.015	0.022	0.005	14:58:44	Yes
2	0.020295	0.40590	0.015	0.022	0.005	14:59:13	Yes
Mean:	0.020271	0.40542	0.015				
SD:	0.000035	0.000690	0.0000				
%RSD:	0.17030	0.17030	0.17				

Sequence No.: 2
Autosampler Location: 38
Sample ID: 20607313514
Date Collected: 8/1/2006 2:59:32 PM
Analyst:
Data Type: Original
Initial Sample Wt: 0.6 g
Initial Sample Vol:
Dilution: 1X
Sample Prep Vol: 30 mL

Replicate Data: 20607313514

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.014282	0.28563	0.010	0.018	0.004	15:00:22	Yes
2	0.013457	0.26913	0.010	0.017	0.004	15:00:50	Yes
Mean:	0.013869	0.27738	0.010				
SD:	0.000583	0.011669	0.0004				
%RSD:	4.2067	4.2067	4.14				

Sequence No.: 3
Autosampler Location: 39
Sample ID: 20607313515
Date Collected: 8/1/2006 3:01:10 PM
Analyst:
Data Type: Original
Initial Sample Wt: 0.6 g
Initial Sample Vol:
Dilution: 1X
Sample Prep Vol: 30 mL

Replicate Data: 20607313515

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.12010	2.4019	0.087	0.094	0.021	15:01:59	Yes
2	0.11975	2.3950	0.087	0.094	0.021	15:02:28	Yes
Mean:	0.11992	2.3985	0.087				
SD:	0.000243	0.004855	0.0002				
%RSD:	0.20242	0.20242	0.20				

Sequence No.: 4
Autosampler Location: 40
Sample ID: 20607313516 FLDDUP
Date Collected: 8/1/2006 3:02:48 PM
Analyst:
Data Type: Original

Initial Sample Wt: 0.6 g
Dilution: 1X

Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607313516 FLDDUP

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.048009	0.96018	0.035	0.042	0.009	15:03:39	Yes
2	0.047507	0.95014	0.035	0.042	0.009	15:04:07	Yes
Mean:	0.047758	0.95516	0.035				
SD:	0.000355	0.007100	0.0003				
%RSD:	0.74333	0.74333	0.74				

Sequence No.: 5
Sample ID: 20607283701
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 41
Date Collected: 8/1/2006 3:04:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607283701

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007933	0.16131	0.006	0.013	0.002	15:05:17	Yes
2	0.007930	0.16124	0.006	0.013	0.002	15:05:46	Yes
Mean:	0.007931	0.16127	0.006				
SD:	0.000003	0.000051	0.0000				
%RSD:	0.031522	0.031522	0.03				

Sequence No.: 6
Sample ID: 20608011001
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 42
Date Collected: 8/1/2006 3:06:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20608011001

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.22768	4.5535	0.165	0.172	0.038	15:06:57	Yes
2	0.22596	4.5192	0.164	0.171	0.038	15:07:25	Yes
Mean:	0.22682	4.5364	0.164				
SD:	0.001214	0.024285	0.0009				
%RSD:	0.53535	0.53535	0.53				

Sequence No.: 7
Sample ID: 396034
Analyst:
Initial Sample Wt: 0.6 g
Dilution: 1X

Autosampler Location: 43
Date Collected: 8/1/2006 3:07:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 396034

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.40951	8.1903	0.296	0.303	0.066	15:08:36	Yes
2	0.40422	8.0845	0.293	0.300	0.067	15:09:05	Yes
Mean:	0.40687	8.1374	0.294				
SD:	0.003740	0.074801	0.0027				
%RSD:	0.91923	0.91923	0.92				

Sequence No.: 8
Sample ID: 20607313507
Analyst:
Initial Sample Wt: 0.61 g
Dilution: 1X

Autosampler Location: 44
Date Collected: 8/1/2006 3:09:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol: 30 mL

Replicate Data: 20607313507

Repl #	SampleConc mg/kg	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.010101	0.20539	0.008	0.015	0.003	15:10:17	Yes
2	0.010147	0.20632	0.008	0.015	0.003	15:10:46	Yes
Mean:	0.010124	0.20585	0.008				
SD:	0.000032	0.000653	0.0000				
%RSD:	0.31728	0.31728	0.31				

==========

Sequence No.: 9
Sample ID: 1800
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/1/2006 3:11:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1800

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005138	5.1381	0.186	0.193	0.042	15:11:57	Yes
2	0.005050	5.0499	0.183	0.190	0.042	15:12:26	Yes
Mean:	0.005094	5.0940	0.184				
SD:	0.000062	0.062338	0.0023				
%RSD:	1.2238	1.2238	1.22				

QC value within limits for Hg 253.7 Recovery = 101.88%
All analyte(s) passed QC.

==========

Sequence No.: 10
Sample ID: 1900
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 8/1/2006 3:12:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 1900

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000056	-0.055816	-0.002	0.005	0.001	15:13:35	Yes
2	-0.000060	-0.059946	-0.002	0.005	0.001	15:14:03	Yes
Mean:	-0.000058	-0.057881	-0.002				
SD:	0.000003	0.002921	0.0001				
%RSD:	5.0458	5.0458	5.48				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

ICP SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	M-23-06 17:00	BATCH NO:	328499
MATRIX:	WATER ☐ SOIL ☑ TCLP EXT ☐ ORGANIC ☐	METHOD:	200.7 ☐ 3010A ☐ 3050B ☑ 3051 ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT mL	FINAL VOLUME (mL)	COMMENTS	REAGENTS/ STANDARDS
1	QC ACCOUNT	MB for HBN 328499 [DIGM/12263]	392845	1.25	50		HNO3
2	QC ACCOUNT	LCS for HBN 328499 [DIGM/12263	392846	1.25			334-58-19
3	4482	SF3SB45-089-(0-0.5)	20607200601	1.26			HCL
4	4482	SF3SB45-090-(1-2)	20607200602	1.25			334-58-20
5	4482	SF3SB45-090-(1-2)MS	20607200603	1.25			H2O2
6	4482	SF3SB45-090-(1-2)MSD	20607200604	1.25			334-56-8
7	4482	SI5SB74-147-(0-0.5)	20607200605	1.26			
8	4482	SI5SB74-148-(1-2)	20607200606	1.26			
9	4482	SH4SB64-128-(1-2)	20607200607	1.25			
10	4482	SH4SB64-127-(0-0.5)	20607200608	1.25			
11	4482	SF4SB46-091-(0-0.5)	20607200609	1.26			
12	4482	SF4SB46-092-(1-2)	20607200611	1.26			
13	4482	SG4SB56-112-(1-2)	20607200612	1.25			
14	4482	SG4SB56-111-(0-0.5)	20607200613	1.25			
15	4482	SE3SB39-077-(0-0.5)	20607200614	1.25			
16	4482	SE3SB39-078-(1-2)	20607200615	1.26			
17	4482	SH5SB66-131-(0-0.5)	20607200616	1.26			SPIKING SOLUTIONS (LCS/MS)
18	4482	SH5SB66-132-(1-2)	20607200617	1.25			
19							GCALI-1 - 250uL
20							334-58-12
21							GCALI-2 - 250uL
22							334-58-13
23							ORGANOMETALLIC ICP SPIKE 0.025g
24							
25							
26							
27							
28							

COMMENTS:

BLOCK ID	TECHNICIAN	DATE
AZ	JCL	M-23-06
REPIPET BOTTLES VERIFIED	REVIEW	DATE
JCL	KSM	7-25-06

002076

190048

ICP SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	7-24-06 1330	BATCH NO:	328542
MATRIX:	WATER ☑ SOIL ☐ TCLP EXT ☐ ORGANIC ☐	METHOD:	200.7 ☐ 3010A ☑ 3050B ☐ 3051 ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT (mL) g	FINAL VOLUME (mL)	COMMENTS	REAGENTS/ STANDARDS
1	QC ACCOUNT	MB for HBN 328542 [DIGM/12287]	393096	50	50		HNO3
2	QC ACCOUNT	LCS for HBN 328542 [DIGM/12287	393097				334-58-22
3	4482	FB-503	20607200622				HCL
4	4482	FB-504	20607201919				334-58-20
5	4565	TMW-3	20607212411				H2O2
6	4565	TMW-4	20607212412				
7	4565	TMW-9	20607212413				
8	4328	1007G319SB	20607196505				
9	4328	1007G319SF	20607196506				
10	4328	1007G319SN	20607196507				
11	4328	1007G319SX MS	20607196508				
12	4328	1007G319SX MSD	20607196509				
13	4328	10F4G430DN	20607202401				
14	4328	10F4G431SN	20607202402				
15	4482	FB-505	20607210722				
16	4482	EB-501	20607210907				
17	4484	6603-072006-EB-001	20607212011				SPIKING SOLUTIONS (LCS/MS)
18							
19							GCALI-1 - 250uL
20							334-58-12
21							GCALI-2 - 250uL
22							334-58-13
23							ORGANOMETALLIC ICP SPIKE 0.025g
24							
25							
26							
27							
28							

COMMENTS:

BLOCK ID	TECHNICIAN	DATE
RZ	JCL	7-24-06
REPIPET BOTTLES VERIFIED	REVIEW	DATE
JB	[illegible]	7-24-06

002077

190049

HG SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	7-24-06 1330	BATCH NO:	328512
MATRIX:	WATER ☑ SOIL ☐ TCLP EXT ☐ ORGANIC ☐	METHOD:	245.2 ☐ 7470A ☑ 7471A ☐

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOLUME mL g	FINAL VOLUME (mL)	COMMENTS	REAGENTS/ STANDARDS
1	QC ACCOUNT	MB for HBN 328512 [DIGM/12272]	392942	20	20		HNO3
2	QC ACCOUNT	LCS for HBN 328512 [DIGM/12272	392943				334-58-22
3	4482	FB-500	20607191509				H2SO4
4	4482	FB-501	20607191510				334-55 16
5	4482	EB-500	20607191614				Aqua Regia
6	4482	FB-502	20607191616				
7	4260	EQ RINSATE-2	20607210108				KMN04
8	4482	FB-503	20607200622				334-58-21
9	4482	FB-504	20607201919				K2S2O6
10	4565	TMW-3	20607212411				334-58-3
11	QC ACCOUNT	TMW-3(392931MS)	392944				Hg Calib ID
12	QC ACCOUNT	TMW-3(392931MSD)	392945				
13	4565	TMW-4	20607212412				0.1 ppm CCV Working Solution
14	4565	TMW-9	20607212413				
15	4482	FB-505	20607210722				0.1 ppm ICV Working Solution
16	4482	EB-501	20607210907				
17	4484	6603-072006-EB-001	20607212011				Hg ICV
18							
19							SPIKE SOLUTIONS (LCS/MS)
20							
21							Hg Spike (100uL) 150uL
22							160-43-1
23							ORGANOMETALLIC HG SPIKE 0.025g
24							
25							
26							

Hg Solid Calibration

Calib Blk	Conc (ug/L)	0.1ppm Spk Added	Final Volume
Standard 1	0.20	60 uL	30mL
Standard 2	0.50	150 uL	30 mL
Standard 3	2.00	600 uL	30 mL
Standard 4	5.00	1500 ul	30 mL
Standard 5	10.0	3000 uL	30 mL
ICV	5.00	1500 uL	30 mL

Hg Water Calibration

Calib Blk	Conc (ug/L)	0.1ppm Spk Added	Final Volume
Standard 1	0.20	40 uL	20 mL
Standard 2	0.50	100 uL	20 mL
Standard 3	2.00	400 uL	20 mL
Standard 4	5.00	1000 ul	20 mL
Standard 5	10.0	2000 uL	20 mL
ICV	5.00	1000 uL	20 mL

BLOCK ID	TECHNICIAN	DATE
D2	JCL	7-24-06
REPIPET BOTTLES VERIFIED	**REVIEW**	**DATE**
JCL	[illegible]	7-24-06

002078

190050

HG SAMPLE PREPARATION FORM

EXTRACTION DATE/TIME:	7-31-06 11:15	BATCH NO:	328531
MATRIX:	WATER ☐ SOIL ☑ TCLP EXT ☐ ORGANIC ☐	METHOD:	245.2 ☐ 7470A ☐ 7471A ☑

	CLIENT	CLIENT ID	GCAL ID	INITIAL VOL/WT mL (g)	FINAL VOLUME (mL)	COMMENTS	REAGENTS/ STANDARDS
1	QC ACCOUNT	MB for HBN 328531 [DIGM/12276]	393059	0.60	30		HNO3
2	QC ACCOUNT	LCS for HBN 328531 [DIGM/12276	393060	0.60			
3	4482	SF3SB45-089-(0-0.5)	20607200601	0.60			H2SO4
4	4482	SF3SB45-090-(1-2)	20607200602	0.60			
5	4482	SF3SB45-090-(1-2)MS	20607200603	0.60			Aqua Regia
6	4482	SF3SB45-090-(1-2)MSD	20607200604	0.60			334-58-1B
7	4482	SI5SB74-147-(0-0.5)	20607200605	0.61			KMN04
8	4482	SI5SB74-148-(1-2)	20607200606	0.61			334-59-1
9	4482	SH4SB64-128-(1-2)	20607200607	0.60			K2S2O6
10	4482	SH4SB64-127-(0-0.5)	20607200608	0.61			
11	4482	SF4SB46-091-(0-0.5)	20607200609	0.60			Hg Calib ID
12	4482	SF4SB46-092-(1-2)	20607200611	0.60			
13	4482	SG4SB56-112-(1-2)	20607200612	0.61			0.1 ppm CCV Working Solution
14	4482	SG4SB56-111-(0-0.5)	20607200613	0.61			
15	4482	SE3SB39-077-(0-0.5)	20607200614	0.60			0.1 ppm ICV Working Solution
16	4482	SE3SB39-078-(1-2)	20607200615	0.60			
17	4482	SH5SB66-131-(0-0.5)	20607200616	0.61			Hg ICV
18	4482	SH5SB66-132-(1-2)	20607200617	0.60			
19							SPIKE SOLUTIONS (LCS/MS)
20							
21							Hg Spike 100uL / 150uL
22							760-434
23							ORGANOMETALLIC HG SPIKE 0.025g
24							
25							
26							

Hg Solid Calibration

Calib Blk	Conc (ug/L)	0.1ppm Spk Added	Final Volume
Standard 1	0.20	60 uL	30mL
Standard 2	0.50	150 uL	30 mL
Standard 3	2.00	600 uL	30 mL
Standard 4	5.00	1500 ul	30 mL
Standard 5	10.0	3000 uL	30 mL
ICV	5.00	1500 uL	30 mL

Hg Water Calibration

Calib Blk	Conc (ug/L)	0.1ppm Spk Added	Final Volume
Standard 1	0.20	40 uL	20 mL
Standard 2	0.50	100 uL	20 mL
Standard 3	2.00	400 uL	20 mL
Standard 4	5.00	1000 ul	20 mL
Standard 5	10.0	2000 uL	20 mL
ICV	5.00	1000 uL	20 mL

BLOCK ID	TECHNICIAN	DATE
A2	JEA	7-31-06
REPIPET BOTTLES VERIFIED	**REVIEW**	**DATE**
JEA	Kom	8-1-06

002079

190051

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200601	SF3SB45-089-(0-0.5)	Solid	07/18/2006 16:30	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	13.5			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200602	SF3SB45-090-(1-2)	Solid	07/18/2006 16:25	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	24.6			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200605	SI5SB74-147-(0-0.5)	Solid	07/18/2006 17:30	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	10.8			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200606	SI5SB74-148-(1-2)	Solid	07/18/2006 17:35	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	13.2			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200607	SH4SB64-128-(1-2)	Solid	07/18/2006 17:45	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	10.1			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200608	SH4SB64-127-(0-0.5)	Solid	07/18/2006 17:50	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	14.0			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200609	SF4SB46-091-(0-0.5)	Solid	07/18/2006 17:05	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	13.2			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200611	SF4SB46-092-(1-2)	Solid	07/18/2006 17:00	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	17.0			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200612	SG4SB56-112-(1-2)	Solid	07/18/2006 17:15	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	9.00			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200613	SG4SB56-111-(0-0.5)	Solid	07/18/2006 17:20	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	7.27			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200614	SE3SB39-077-(0-0.5)	Solid	07/18/2006 16:50	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	18.2			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200615	SE3SB39-078-(1-2)	Solid	07/18/2006 16:45	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	16.0			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200616	SH5SB66-131-(0-0.5)	Solid	07/18/2006 17:50	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	7.36			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200617	SH5SB66-132-(1-2)	Solid	07/18/2006 17:55	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	11.9			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200618	SH4SB65-130-(1-2)	Solid	07/18/2006 18:30	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	21.7			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200619	SH4SB65-129-(0-0.5)	Solid	07/18/2006 18:25	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	20.2			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200620	SI4SB72-144-(1-2)	Solid	07/18/2006 18:00	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	10.9			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20607200621	SI4SB72-143-(0-0.5)	Solid	07/18/2006 18:05	07/20/2006 09:35

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/22/2006 14:35	AEL	328580

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	16.2			%

RESULTS REPORTED ON A DRY WEIGHT BASIS

TOTAL SOLIDS AND MOISTURE ANALYSIS FOR DRY WEIGHT CORRECTION

	Dw	TM						
HBN	328579	328580		ANALYST:	AEL		DATE:	7/22/2006
SOLI	7497	7498		REVIEW:	BMC 7/24/06		TIME:	14:35:00
Sample ID	Pan ID	Pan Mass (g)	Initial Mass (g) (Sample & Pan)	Final Mass (g) (Sample & Pan)	Initial Mass (g) less Pan (g)	Final Mass (g) less Pan (g)	% Moisture in Sample	% Solids in Sample
20607200601	1	1.0310	10.9243	9.5873	9.8933	8.5563	13.51	86.49
20607200602	2	1.0337	11.0352	8.5790	10.0015	7.5453	24.56	75.44
20607200603 MS	2	1.0337	11.0352	8.5790	10.0015	7.5453	24.56	75.44
20607200604 MSD	2	1.0337	11.0352	8.5790	10.0015	7.5453	24.56	75.44
20607200605	3	1.0386	10.9469	9.8773	9.9083	8.8387	10.79	89.21
20607200606	4	1.0159	11.0071	9.6849	9.9912	8.6690	13.23	86.77
20607200607	5	1.0431	10.7079	9.7286	9.6648	8.6855	10.13	89.87
20607200608	6	1.0324	11.1634	9.7498	10.1310	8.7174	13.95	86.05
20607200609	7	1.0392	11.0911	9.7633	10.0519	8.7241	13.21	86.79
20607200611	8	1.0143	11.8256	9.9866	10.8113	8.9723	17.01	82.99
20607200612	9	1.0292	11.0377	10.1370	10.0085	9.1078	9.00	91.00
20607200613	10	1.0301	10.8868	10.1700	9.8567	9.1399	7.27	92.73
20607200614	11	1.0321	11.4323	9.5369	10.4002	8.5048	18.22	81.78
20607200615	12	1.0360	11.3929	9.7326	10.3569	8.6966	16.03	83.97
20607200616	13	1.0299	11.0340	10.2977	10.0041	9.2678	7.36	92.64
20607200617	14	1.0364	11.2037	9.9969	10.1673	8.9605	11.87	88.13
20607200618	15	1.0404	10.9923	8.8378	9.9519	7.7974	21.65	78.35
20607200619	16	1.0108	11.1428	9.0930	10.1320	8.0822	20.23	79.77
20607200620	17	1.0227	11.1338	10.0327	10.1111	9.0100	10.89	89.11
20607200621	18	1.0257	11.1314	9.4984	10.1057	8.4727	16.16	83.84
20607201221	19	1.0169	11.4829	8.7976	10.4660	7.7807	25.66	74.34
20607201222 MS	19	1.0169	11.4829	8.7976	10.4660	7.7807	25.66	74.34
20607201223 MSD	19	1.0169	11.4829	8.7976	10.4660	7.7807	25.66	74.34
20607201225	20	1.0093	10.8407	9.6644	9.8314	8.6551	11.96	88.04
TS % = (Final Sample Mass x 100) / Initial Sample Mass								
TM % = 100-TS%								

002098

190070

PBW/4482/206072006/7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001104

COC No.

☒ Round Rock Office
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Tel: (903)794-0625
Fax: (903)794-0626

PROJECT NO.: 1352D PROJECT NAME: Gulfco Superfund Site PAGE: 1 OF: 2

SAMPLER (Signature): [signature] PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terraglass	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCBs	Pesticides	~~HOLD PCB Congeners~~	RUSH	STANDARD	
	SF3 SB45-089-(0-0.5)	7/18/06	1630	SO				X			8oz	G	1		X	X	X	X			X	1
	SF3 SB45-090-(1-2)	7/18/06	1625	SO				X	X		8oz 40ml	P/G	5	X	X	X	X	X			X	2
	SF3 SB45-090-(1-2) MS/MSD	7/18/06	1625	SO				X	X		8oz 40ml	P/G	10	X	X	X	X	X			X	MS/MSD 3, 4
	SI5 SB74-147-(0-0.5)	7/18/06	1730	SO				X			8oz 4oz	G	2		X	X	X	X	X		X	PCB Congener 5
	SI5 SB74-148-(1-2)	7/18/06	1735	SO				X	X		8oz 40ml	P/G	6	X	X	X	X	X	X		X	PCB Congener 6
	SH4 SB64-128-(1-2)	7/18/06	1745	SO				X	X		8oz 40ml	P/G	6	X	X	X	X	X	X		X	PCB Congener 7
	SH4 SB64-127-(0-0.5)	7/18/06	1750	SO				X			8oz 4oz	G	2		X	X	X	X	X		X	PCB Congener 8
	SF4 SB46-091-(0-0.5)	7/18/06	1705	SO				X			8oz	G	1		X	X	X	X			X	9

TOTAL NUMBER OF CONTAINERS 33

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[signature]	Lea Mear	PBW	7/19/06	1600			
Fedex	8449 3125 6124		7-20-06	935	[signature]	Michelle Rabon	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

3

* PCB congeners are in a separate workorder

002099

190071

PBW/4462/206072066/7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001106

COC No.

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PROJECT NO.: 13521 PROJECT NAME: Gulfco Superfund Site PAGE: 1 OF: 2

SAMPLER (Signature): [signature] PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: GCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	Terralore	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOC	SVOCs	Metals	PCB	Pesticides	~~HOLD~~ PCB Congeners*	RUSH	STANDARD	
	SG4 SB56-112-(1-2)	7/18/06	1745	SO				X	X		8oz 40ml	P/G	5	X	X	X	X	X			X	12
	SG4 SB56-111-(0-0.5)	7/18/06	1700	SO				X			8oz	G	1		X	X	X	X			X	13
	SE3 SB39-077-(0-0.5)	7/18/06	1650	SO				X			8oz	G	1		X	X	X	X			X	14
	SE3 SB39-078-(1-2)	7/18/06	1645	SO				X	X		8oz 40ml	P/G	5	X	X	X	X	X			X	15
	SH5 SB66-131-(0-0.5)	7/18/06	1750	SO				X			8oz 4oz	G	2		X	X	X	X	X		X	PCB Congener 16
	SH5 SB66-132-(1-2)	7/18/06	1755	SO				X	X		8oz 40ml	P/G	6	X	X	X	X	X	X		X	PCB Congener 17
	SH4 SB65-130-(1-2)	7/18/06	1830	SO				X			4oz 4oz	G	2		X		X		X		X	PCB Congener 18
	SH4 SB65-129-(0-0.5)	7/18/06	1825	SO				X			4oz	G	2				X		X		X	PCB Congener 19
					TOTAL NUMBER OF CONTAINERS								24	LABORATORY COMMENTS/CONDITION OF SAMPLES								Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[signature]	Ce Mosa	PBW	7/19/06	1600			
Fedex	861443172961 02		7-20-06	935	[signature]	Michelle Rabone	GCAL
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

3

* PCB congeners are in a separate workorder

002100

190072

PBW/4482/206072006/7-27-06

CHAIN-OF-CUSTODY RECORD AND REQUEST FOR ANALYSIS

PASTOR, BEHLING & WHEELER, LLC

001107

COC No.

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PROJECT NO.: 13520 PROJECT NAME: Gulfco Superfund Site PAGE: 2 OF: 2

SAMPLER (Signature): [signature] PROJECT MANAGER: Eric Pastor DATE: 7/18/06

METHOD OF SHIPMENT: Fedex CARRIER/WAYBILL NO.: DESTINATION: CCAL

SAMPLES														ANALYSIS REQUEST								
		Sample Collection			Preservation						Containers			Constituents/Methods					Handling			Remarks
Lab No.	Field Sample Identification	DATE	TIME	Matrix*	HCl	HNO_3	H_2SO_4	COLD	-	FILTRATION*	VOLUME (ml/oz)	TYPE*	NO.	VOCs	SVOCs	Metals	PCB	Pesticide	HOLD PCB congeners	RUSH	STANDARD	
	SI4 SB72-144-(1-2)	7/18/06	1800	SO				X			4oz	G	2				X		X			PCB Congeners 20
	SI4 SB72-143-(0-0.5)	7/18/06	1805	SO				X			4oz	G	2				X		X			PCB Congeners 21
	FB-503	7/18/06	1845	AQ	X	X		X				P/G	8	X	X	X	X	X				22
	COC1106-TB																					23

TOTAL NUMBER OF CONTAINERS 12

LABORATORY COMMENTS/CONDITION OF SAMPLES

Cooler Temp:

RELINQUISHED BY:			DATE	TIME	RECEIVED BY:		
SIGNATURE	PRINTED NAME	COMPANY			SIGNATURE	PRINTED NAME	COMPANY
[signature]	Cen Meron	PBW	7/19/06	1600			
Fedex	8443128 6102		7-20-06	935	[signature]	McLelle Rubber	GCA
							LABORATORY

*KEY: Matrix: AQ - aqueous NA - nonaqueous SO - soil SL - sludge P - petroleum A - air OT - other Containers: P - plastic G - glass T - teflon B - brass OT - other Filtration: F - filtered U - unfiltered

DISTRIBUTION: PINK: Field Copy YELLOW: Laboratory Copy WHITE: Return to Originator

3

* PCB congeners are in a separate workorder

001201

190073

PRESERVATION CHECKLIST / COOLER RECEIPT

Gulf Coast Analytical Laboratories, Inc.

WO:	206072006	**Type:**	D
Desc:		**Report:**	REVIEW_RPT
Work ID:	Gulfco Marine Maintenance Site	**Status:**	WP
Project Seq:	45073	**Created:**	7/20/2006 10:11
Client:	4482 - Pastor, Behling, & Wheeler	**QA:**	
Profile:	78418 - GULFCO - Gulfco Marine Maintenance Site	**PO:**	Project 1259

WORKORDER SAMPLES

			pH PRESERVATIVE			VOA HEADSPACE			
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200601-1	8	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200602-1	OC	NONE			X			X	OK
20607200602-2	OC	NONE			X			X	OK
20607200602-3	OC	NONE			X			X	OK
20607200602-4	OC	NONE			X			X	OK
20607200602-5	8	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200603-1	OC	NONE			X			X	OK
20607200603-2	OC	NONE			X			X	OK
20607200603-3	OC	NONE			X			X	OK
20607200603-4	OC	NONE			X			X	OK
20607200603-5	8	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200604-1	OC	NONE			X			X	OK
20607200604-2	OC	NONE			X			X	OK
20607200604-3	OC	NONE			X			X	OK
20607200604-4	OC	NONE			X			X	OK
20607200604-5	8	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200605-1	8	NONE			X			X	OK

Container ID	Type	Preservative	pH PRESERVATIVE A	U	N\A	VOA HEADSPACE A	U	N\A	CONTAINER CONDITION
20607200606-1	OC	NONE			X			X	OK
20607200606-2	OC	NONE			X			X	OK
20607200606-3	OC	NONE			X			X	OK
20607200606-4	OC	NONE			X			X	OK
20607200606-5	8	NONE			X			X	OK

Container ID	Type	Preservative	A	U	N\A	A	U	N\A	CONTAINER CONDITION
20607200607-1	OC	NONE			X			X	OK
20607200607-2	OC	NONE			X			X	OK
20607200607-3	OC	NONE			X			X	OK
20607200607-4	OC	NONE			X			X	OK
20607200607-5	8	NONE			X			X	OK

Container ID	Type	Preservative	A	U	N\A	A	U	N\A	CONTAINER CONDITION
20607200608-1	8	NONE			X			X	OK

Container ID	Type	Preservative	A	U	N\A	A	U	N\A	CONTAINER CONDITION
20607200609-1	8	NONE			X			X	OK

Container ID	Type	Preservative	A	U	N\A	A	U	N\A	CONTAINER CONDITION
20607200610-1	40	HCL			✓	✓			OK
20607200610-2	40	HCL			✓	✓			OK
20607200610-3	40	HCL			✓	✓			OK

Container ID	Type	Preservative	A	U	N\A	A	U	N\A	CONTAINER CONDITION
20607200611-1	OC	NONE			X			X	OK
20607200611-2	OC	NONE			X			X	OK
20607200611-3	OC	NONE			X			X	OK
20607200611-4	OC	NONE			X			X	OK
20607200611-5	8	NONE			X			X	OK

Container ID	Type	Preservative	A	U	N\A	A	U	N\A	CONTAINER CONDITION
20607200612-1	OC	NONE			X			X	OK
20607200612-2	OC	NONE			X			X	OK
20607200612-3	OC	NONE			X			X	OK
20607200612-4	OC	NONE			X			X	OK
20607200612-5	8	NONE			X			X	OK

Container ID	Type	Preservative	A	U	N\A	A	U	N\A	CONTAINER CONDITION
20607200613-1	8	NONE			X			X	OK

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			pH PRESERVATIVE			VOA HEADSPACE			
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200614-1	8	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200615-1	OC	NONE			X			X	OK
20607200615-2	OC	NONE			X			X	OK
20607200615-3	OC	NONE			X			X	OK
20607200615-4	OC	NONE			X			X	OK
20607200615-5	8	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200616-1	8	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200617-1	OC	NONE			X			X	OK
20607200617-2	OC	NONE			X			X	OK
20607200617-3	OC	NONE			X			X	OK
20607200617-4	OC	NONE			X			X	OK
20607200617-5	8	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200618-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200619-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200620-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200621-1	4	NONE			X			X	OK
Container ID	**Type**	**Preservative**	A	U	N\A	A	U	N\A	**CONTAINER CONDITION**
20607200622-1	OC	HNO3	✓					X	OK
20607200622-2	LA	NONE			X			X	OK
20607200622-3	LA	NONE			X			X	OK
20607200622-4	LA	NONE			X			X	OK
20607200622-5	LA	NONE			X			X	OK
20607200622-6	40	HCL			✓	✓			OK
20607200622-7	40	HCL			✓	✓			OK
20607200622-8	40	HCL			✓	✓			OK

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Container ID	Type	Preservative	pH PRESERVATIVE A	U	N\A	VOA HEADSPACE A	U	N\A	CONTAINER CONDITION
20607200623-1	40	HCL			✓	✓			OK
20607200623-2	40	HCL			✓	✓			OK
20607200623-3	40	HCL			✓	✓			OK

A = ACCEPTABLE
U = UNACCEPTABLE
N\A = NOT APPLICABLE

COOLER (S) TEMPERATURE A U LIMIT = 4C + \ - 2C

MAXIMUM VOLATILE HEADSPACE BUBBLE 6MM

Custody Seal
used [ ] Yes [ ] No
in tact ~~[ ] Yes~~ [ ] No

LABEL(S) VERIFIED RBG CUSTODIAN

190077

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 09/22/2006

GCAL Report 206072006

RESUBMITTED

Deliver To	Pastor, Behling, & Wheeler 2201 Double Creek Dr. Suite 4004 Round Rock, TX 78664 512-671-3434
Attn	Jen Pavesi

Customer Pastor, Behling, & Wheeler

PROJECT NAME Gulfco Marine Maintenance Site

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 • Phone 225.769.4900 • Fax 225.767.5717

190078

CASE NARRATIVE

Client: Pastor, Behling, & Wheeler **Report:** 206072006

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

Selected pages of the report are resubmitted. In the SW-846 8081A analysis, the retention time window was inadvertently set too wide. A review of the data showed that several reported target analytes were not confirmed (did not elute within the correct retention time window). The Form I and raw data are resubmitted for samples 20607200601 (SF3SB45-089-(0-0.5)), 20607200602 (SF3SB45-090-(1-2)), 20607200605 (SI5SB74-147-(0-0.5)), 20607200609 (SF4SB46-091-(0-0.5)), 20607200612 (SG4SB56-112-(1-2)), and 20607200613 (SG4SB56-111-(0-0.5)). The Form IIIs for soil MS/MSD Recoveries are also resubmitted.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, samples 20607200611 (SF4SB46-092-(1-2)) and 20607200612 (SG4SB56-112-(1-2)) had to be diluted to due to the sample matrix. The dilutions are reflected in the elevated detection limits. The concentration of Isopropylbenzene exceeded the upper calibration range of the instrument in the diluted analysis of sample 20607200611 (SF4SB46-092-(1-2)). The sample was not analyzed at a lower dilution and therefore this compound is flagged as estimated.

In the SW-846 8260B analysis, the recovery for the surrogate, Toluene-8 was above the upper control limit for samples 20607200602 (SF3SB45-090-(1-2)) and 20607200617 (SH5SB66-132-(1-2)). All other surrogate recoveries were acceptable for these samples.

In the SW-846 8260B analysis for analytical batch 328555, no MS/MSD was performed because the only samples in the batch were trip and field blanks. The LCS recoveries were outside control limits for 1,1,2,2-Trichloroethane, 1,2-Dibromo-3-chloropropane, and Chloroethane. All other batch QC was acceptable. Methylene chloride was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8260B analysis for analytical batch 328554, no MS/MSD was performed due to insufficient sample volume. The LCS and/or LCSD recoveries were outside control limits for 1,1,2,2-Trichloroethane, Dibromochloromethane, Styrene, and 2-Chloroethylvinyl ether. The LCS/LCSD RPDs were above the control limits for 1,2-Dibromo-3-chloropropane, 2-Butanone, 4-Methyl-2-pentanone, 2-Hexanone, and Acrylonitrile. Methylene chloride was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8260B analysis for analytical batch 328585, the MS/MSD exhibited sporadic recovery and RPD failures. The MS/MSD and LCS/LCSD recoveries were outside control limits for 2-Chloroethylvinyl ether. All other LCS/LCSD recoveries and RPDs were acceptable. Methylene chloride was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8260B analysis for analytical batch 328605, the MS/MSD exhibited numerous recovery and RPD failures. These failures may be attributed to the sample matrix. The LCS/LCSD recoveries for 2-Chloroethyl Vinyl ether and Styrene were outside the control limits. The LCS/LCSD RPDs were above the control limits for Bromomethane and Methyl acetate. All other LCS/LCSD recoveries and RPDs were acceptable. Acetone, Methylene chloride, 2-Butanone, and Styrene were detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8260B analysis for analytical batch 328954, the MS/MSD exhibited sporadic recovery failures and RPD failures. The LCS/LCSD recoveries for Chloroethane were above the upper control limit. This compound was not detected in the associated samples.

In the SW-846 8260B analysis, the recoveries for Dichlorodifluoromethane, Methyl Acetate, trans-1,4-Dichloro-2-butene, and 1,2-Dibromo-3-chloropropane were outside the control limits in the ICV (MSV4, 07/18/06).

In the SW-846 8260B analysis, %D/%Drift was outside ±30% for 2-Chloroethylvinyl ether and Tetrachloroethene in the CCV (MSV4, 07/22/06).

In the SW-846 8260B analysis, %D/%Drift was outside ±30% for Chloromethane, Bromomethane, 2-Chloroethylvinyl ether, Tetrachloroethene, and Styrene in the CCV (MSV4, 07/23/06).

In the SW-846 8260B analysis, the recoveries for Chloroethane, Trichlorofluoromethane, 2-Chloroethylvinyl ether, and Naphthalene were outside the control limits in the ICV (MSV5, 07/19/06).

In the SW-846 8260B analysis, %D/%Drift was outside ±30% for Chloroethane, Methyl iodide, 4-Methyl-2-pentanone, 2-Hexanone, 1,1,2,2-Tetrachloroethane, and 1,2-Dibromo-3-chloropropane in the CCV (MSV5, 07/21/06).

In the SW-846 8260B analysis, %D/%Drift for Chloroethane and 2-Chloroethylvinyl ether was outside ±30% in the CCV (MSV5, 07/27/06).

SEMI-VOLATILES MASS SPECTROMETRY

In the SW-846 8270C analysis of samples 20607200602 (SF3SB45-090-(1-2)), 20607200603 (SF3SB45-090-(1-2)MS)), 20607200604 (SF3SB45-090-(1-2)MSD)), 20607200609 (SF4SB46-091-(0-0.5)), 20607200611 (SF4SB46-092-(1-2)) and 20607200612 (SG4SB56-112-(1-2)) required a dilution prior to analysis due to the

presence of non-target background. This dilution is reflected in elevated detection limits. The recovery for the surrogates is reported as "D" ,(diluted out) for those samples analyzed at a 10 or higher dilution.

In the SW-846 8270C analysis, samples 20607200604 (SF3SB45-090-(1-2)MSD)), 20607200607 (SH4SB64-128-(1-2)), 20607200615 (SE3SB39-078-(1-2)), and 20607200617 (SH5SB66-132-(1-2)) had one surrogate recovery outside of control limits in the acid fraction. All other surrogate recoveries were acceptable for these samples.

In the SW-846 8270C analysis for prep batch 328467, the MS/MSD recoveries are not applicable for 2,4-Dinitrotoluene due to the high concentration of this compound in the spiked sample. The MS/MSD recoveries for Pyridine were 0%. This is attributed to matrix interference. The LCS/LCSD recoveries were outside the control limits for Benzidine and Benzaldehyde. All other LCS/LCSD recoveries and RPDs were acceptable.

In the SW-846 8270C analysis for prep batch 328412, the MS/MSD exhibited recovery and RPD failures. The LCS and/or LCSD recoveries were outside control limits for Benzidine, Hexachloroethane, 2-Nitrophenol and Benzaldehyde. All other LCS/LCSD recoveries were acceptable. Bis(2-ethylhexyl)phthalate was detected at an estimated concentration in the method blank. This is probable laboratory contamination.

In the SW-846 8270C analysis, the %D/%Drift was outside ±30% for Benzidine and Benzaldehyde in the CCV (MSSV3, 07/23/06;07/24/06).

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the SW-846 8081A and 8082 analyses, samples 20607200611 (SF4SB46-092-(1-2)), 20607200612 (SG4SB56-112-(1-2)), and 20607200615 (SE3SB39-078-(1-2)) required a dilution prior to analysis to eliminate the interference of non-target background. This dilution is reflected in elevated detection limits. The recoveries for the surrogates are reported as "D" (diluted out).

In the SW-846 8081A analysis, the recovery for the surrogate, Decachlorobiphenyl was above the upper control limit for sample 20607200603 (SF3SB45-090-(1-2)MS)).

In the SW-846 8081A analysis for prep batch 328410, the MS/MSD exhibited recovery and RPD failures. These recoveries were within limits in the LCS and/or LCSD. This is attributed to matrix interference.

In the SW-846 8082 analysis for prep batch 328411, the MS/MSD exhibited sporadic recovery failures. These recoveries were within limits in the LCS and/or LCSD. This is attributed to matrix interference.

METALS

In the SW-846 6010B analysis, samples 20607200605 (SI5SB74-147-(0-0.5)), 20607200602 (SF3SB45-090-(1-2)), 20607200608 (SH4SB64-127-(0-0.5)), 20607200614 (SE3SB39-077-(0-0.5)) and 20607200616 (SH5SB66-131-(0-0.5)) had to be diluted in order to bracket the concentrations within the linear dynamic range of the instrument. This is reflected in elevated detection limits.

In the SW-846 6010B analysis for prep batch 328499, the MS and/or MSD recoveries were outside the control limits for Antimony, Boron, Chromium, Molybdenum and Titanium. The LCS recovery was within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with recoveries of 110% for Antimony, 90% for Boron, 92% for Chromium, 107% for Molybdenum and 88% for Titanium. The MS/MSD recoveries and RPDs and post-digestion spike recoveries are not applicable for Aluminum, Barium, Iron, Lead, Manganese and Zinc because the sample concentration is greater than four times the spike concentration.

3F

SOILORGANIC MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8081

Prep Batch: 328410 Analytical Batch: 328877

Spike HSN : 20607200603

COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	MS % REC FLAG	QC. LIMITS
4,4'-DDD	ug/kg	21.7	1.67	13.1	53		31 - 141
4,4'-DDE	ug/kg	21.7	0	16.2	74		30 - 145
4,4'-DDT	ug/kg	21.7	10.4	3.68	-31	*	23 - 134
Aldrin	ug/kg	21.7	0	9.66	44		35 - 132
Dieldrin	ug/kg	21.7	0	10.6	49		31 - 134
Endosulfan I	ug/kg	21.7	0	10.1	46		45 - 153
Endosulfan II	ug/kg	21.7	0	7.99	37		0 - 202
Endosulfan sulfate	ug/kg	21.7	0	13.1	60		26 - 144
Endrin	ug/kg	21.7	0	36.6	168	*	42 - 139
Endrin aldehyde	ug/kg	21.7	0	17	78		0 - 202
Endrin ketone	ug/kg	21.7	2.92	12.1	42		26 - 144
Heptachlor	ug/kg	21.7	0	7.45	34	*	35 - 130
Heptachlor epoxide	ug/kg	21.7	0	19.4	89		37 - 142
Methoxychlor	ug/kg	21.7	0	8.06	37		26 - 144
alpha-BHC	ug/kg	21.7	0	7.44	34	*	37 - 134
alpha-Chlordane	ug/kg	21.7	0	14.6	67		45 - 119
beta-BHC	ug/kg	21.7	0	7.69	35		17 - 147
delta-BHC	ug/kg	21.7	0	7.57	35		19 - 140
gamma-BHC (Lindane)	ug/kg	21.7	0	36.5	168	*	46 - 127
gamma-Chlordane	ug/kg	21.7	0	8.96	41	*	45 - 119

RPD : 5 out of 20 outside limits

Spike Recovery: 8 out of 40 outside limits

3F

SOILORGANIC MS/MSD RECOVERY

Lab Name: GCAL Sample ID: SF3SB45-090-(1-2)

Lab Code: LA024 Case No.: SAS No.: SDG No.: 206072006

Contract: Method: SW-846 8081

Prep Batch: 328410 Analytical Batch: 328877

Spike Dupe HSN : 20607200604

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	REC FLAG	% RPD	RPD FLAG	QC. LIMITS REC	QC. LIMITS RPD
4,4'-DDD	ug/kg	22.1	15.6	63		17		31 - 141	0 - 40
4,4'-DDE	ug/kg	22.1	25.2	114		44	*	30 - 145	0 - 40
4,4'-DDT	ug/kg	22.1	16.8	29		128	*	23 - 134	0 - 40
Aldrin	ug/kg	22.1	9.61	44		.6		35 - 132	0 - 40
Dieldrin	ug/kg	22.1	12.8	58		18		31 - 134	0 - 40
Endosulfan I	ug/kg	22.1	10.8	49		7		45 - 153	0 - 40
Endosulfan II	ug/kg	22.1	16.6	75		70	*	0 - 202	0 - 40
Endosulfan sulfate	ug/kg	22.1	10.4	47		23		26 - 144	0 - 40
Endrin	ug/kg	22.1	16.4	74		76	*	42 - 139	0 - 40
Endrin aldehyde	ug/kg	22.1	15.5	70		9		0 - 202	0 - 40
Endrin ketone	ug/kg	22.1	10.2	33		18		26 - 144	0 - 40
Heptachlor	ug/kg	22.1	7.08	32	*	5		35 - 130	0 - 40
Heptachlor epoxide	ug/kg	22.1	23.9	108		21		37 - 142	0 - 40
Methoxychlor	ug/kg	22.1	5.7	26		34		26 - 144	0 - 40
alpha-BHC	ug/kg	22.1	9.03	41		19		37 - 134	0 - 40
alpha-Chlordane	ug/kg	22.1	16.2	73		10		45 - 119	0 - 40
beta-BHC	ug/kg	22.1	8.42	38		9		17 - 147	0 - 40
delta-BHC	ug/kg	22.1	8.01	36		6		19 - 140	0 - 40
gamma-BHC (Lindane)	ug/kg	22.1	8.84	40	*	122	*	46 - 127	0 - 40
gamma-Chlordane	ug/kg	22.1	10.9	50		20		45 - 119	0 - 40

RPD : 5 out of 20 outside limits

Spike Recovery: 8 out of 40 outside limits

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 13.5 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SF3SB45-089-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200601
Date Collected: 07/18/06 Time: 1630
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1559
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/sv17a081

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.31	U	0.272	2.31
72-55-9	4,4'-DDE	2.31	U	0.376	2.31
50-29-3	4,4'-DDT	24.4		0.145	2.31
309-00-2	Aldrin	1.16	U	0.185	1.16
60-57-1	Dieldrin	1.72	J	0.162	2.31
959-98-8	Endosulfan I	1.16	U	0.197	1.16
33213-65-9	Endosulfan II	2.31	U	0.324	2.31
1031-07-8	Endosulfan sulfate	2.31	U	0.306	2.31
72-20-8	Endrin	2.31	U	0.197	2.31
7421-93-4	Endrin aldehyde	2.31	U	0.387	2.31
53494-70-5	Endrin ketone	1.55	J	0.486	2.31
76-44-8	Heptachlor	1.16	U	0.121	1.16
1024-57-3	Heptachlor epoxide	1.16	U	0.410	1.16
72-43-5	Methoxychlor	11.6	U	0.723	11.6
8001-35-2	Toxaphene	116	U	5.42	116
319-84-6	alpha-BHC	1.16	U	0.185	1.16
5103-71-9	alpha-Chlordane	1.16	U	0.208	1.16
319-85-7	beta-BHC	2.31	U	0.312	2.31
319-86-8	delta-BHC	1.16	U	0.185	1.16
58-89-9	gamma-BHC (Lindane)	1.16	U	0.364	1.16
5103-74-2	gamma-Chlordane	1.16	U	0.254	1.16

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b081.d
Report Date: 11-Sep-2006 11:49

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b081.d
Lab Smp Id: 20607200601
Inj Date : 27-JUL-2006 16:42
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200601*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 81
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.852	4.839	0.013	267376028	61.7047	10
13 Dieldrin	8.884	8.881	0.003	288922128	64.9224	11
17 4,4'-DDT	9.832	9.810	0.022	329964778	101.343	17
21 Endrin ketone	10.531	10.556	-0.025	271384671	66.4620	11
$ 22 Decachlorobiphenyl	12.392	12.377	0.015	1734426439	523.787	87(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

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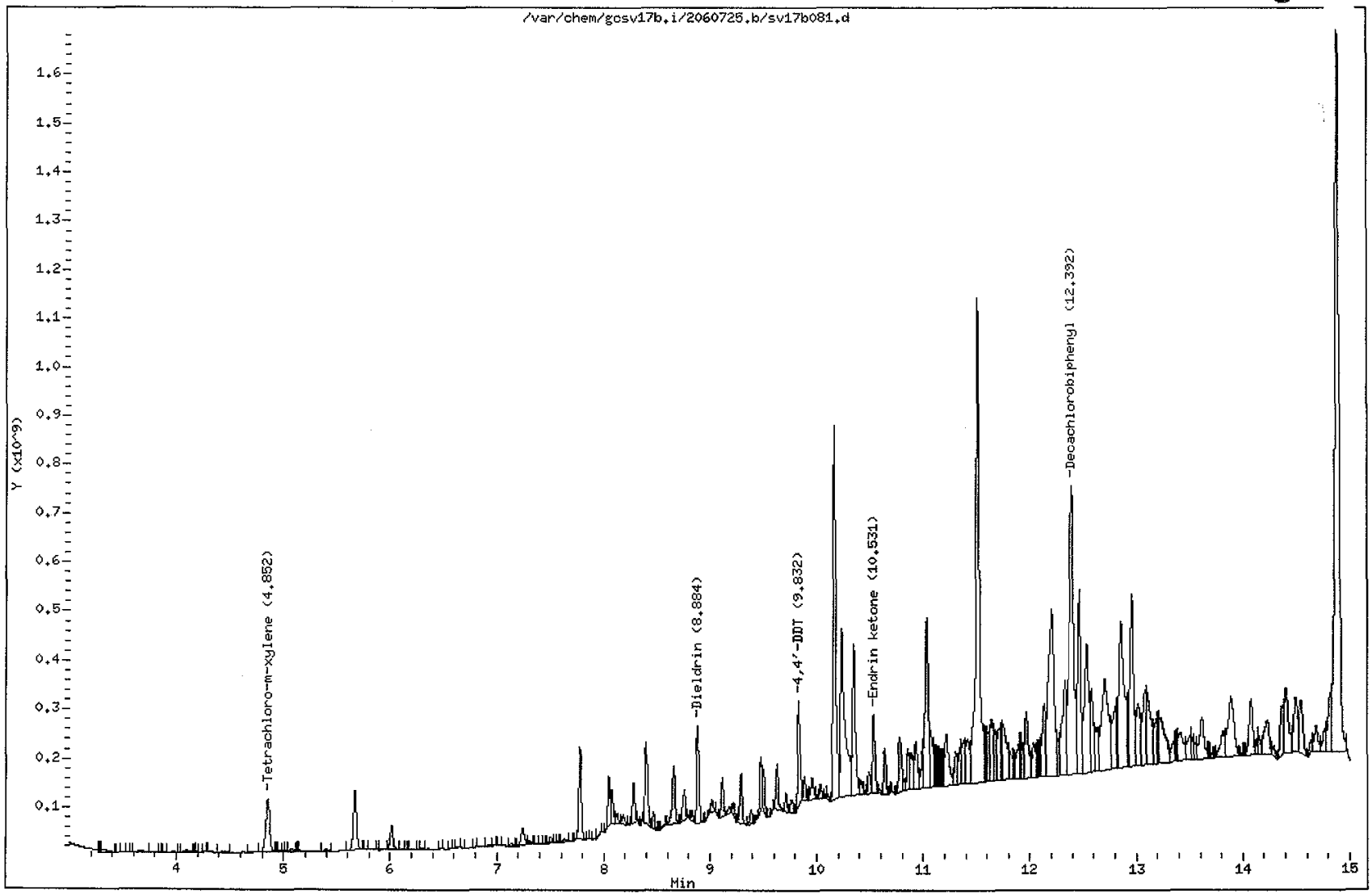
190087

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b081.d
Date : 27-JUL-2006 16:42
Client ID:
Sample Info: 20607200601*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001270



190088

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30 Units: g
Level: (low/med) LOW
% Moisture: 24.6 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SF3SB45-090-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200602
Date Collected: 07/18/06 Time: 1625
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1016
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

CONCENTRATION UNITS: ug/kg

Lab File ID: 2060725/sv17a088

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	1.67	J	0.311	2.65
72-55-9	4,4'-DDE	2.65	U	0.431	2.65
50-29-3	4,4'-DDT	10.4		0.166	2.65
309-00-2	Aldrin	1.33	U	0.212	1.33
60-57-1	Dieldrin	2.65	U	0.186	2.65
959-98-8	Endosulfan I	1.33	U	0.225	1.33
33213-65-9	Endosulfan II	2.65	U	0.371	2.65
1031-07-8	Endosulfan sulfate	2.65	U	0.351	2.65
72-20-8	Endrin	2.65	U	0.225	2.65
7421-93-4	Endrin aldehyde	2.65	U	0.444	2.65
53494-70-5	Endrin ketone	2.92		0.557	2.65
76-44-8	Heptachlor	1.33	U	0.139	1.33
1024-57-3	Heptachlor epoxide	1.33	U	0.471	1.33
72-43-5	Methoxychlor	13.3	U	0.828	13.3
8001-35-2	Toxaphene	133	U	6.21	133
319-84-6	alpha-BHC	1.33	U	0.212	1.33
5103-71-9	alpha-Chlordane	1.33	U	0.239	1.33
319-85-7	beta-BHC	2.65	U	0.358	2.65
319-86-8	delta-BHC	1.33	U	0.212	1.33
58-89-9	gamma-BHC (Lindane)	1.33	U	0.418	1.33
5103-74-2	gamma-Chlordane	1.33	U	0.292	1.33

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b088.d
Report Date: 11-Sep-2006 11:50

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b088.d
Lab Smp Id: 20607200602
Inj Date : 28-JUL-2006 10:37
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200602*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 88
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.849	4.839	0.010	314701090	72.6263	12
15 4,4'-DDD	9.433	9.427	0.006	6830430	1.88837	0.31
17 4,4'-DDT	9.831	9.810	0.021	155108292	47.6387	7.9
21 Endrin ketone	10.529	10.556	-0.027	54436466	13.3315	2.2
$ 22 Decachlorobiphenyl	12.387	12.377	0.010	836035030	252.478	42(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

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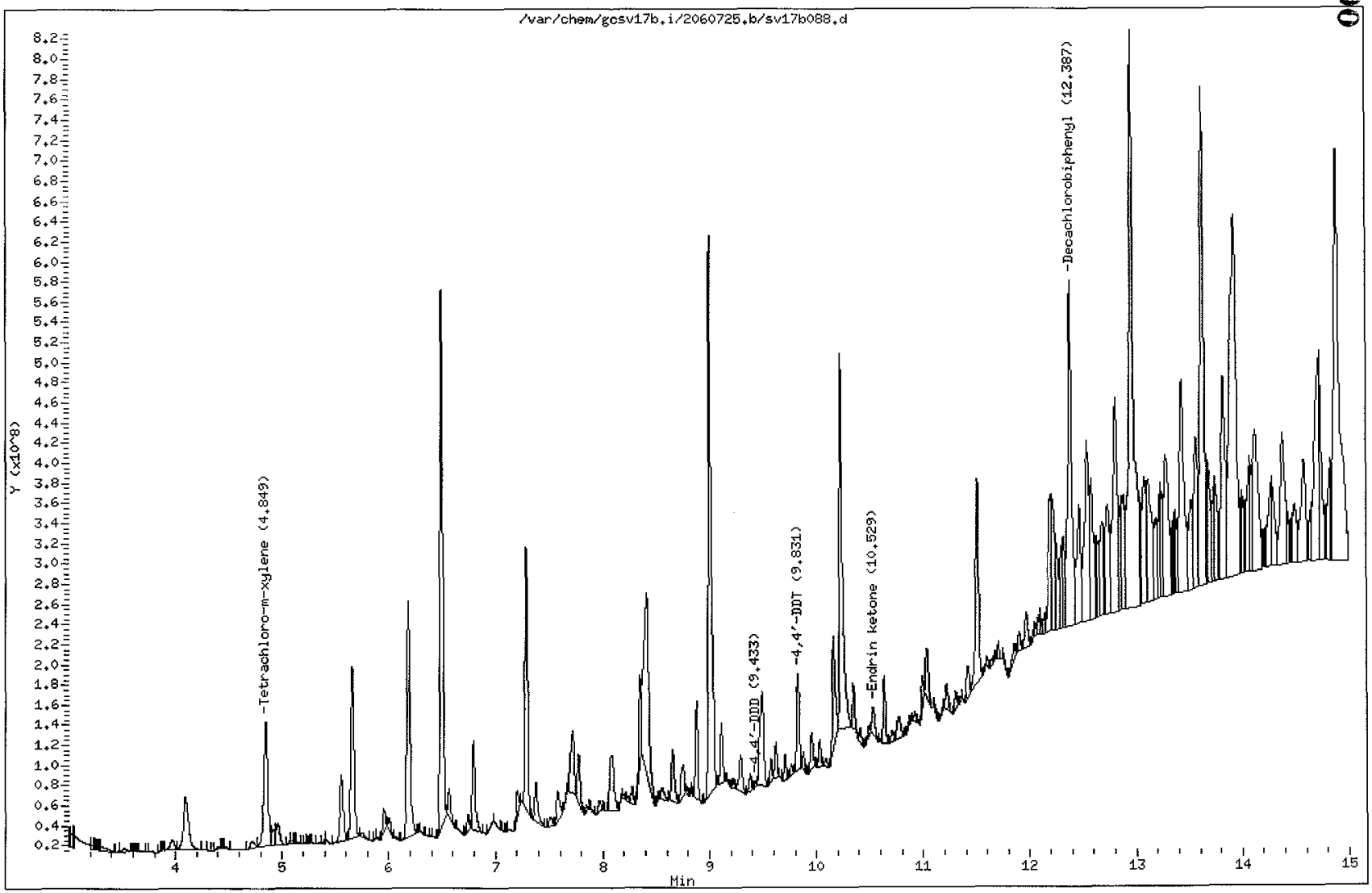
190091

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b088.d
Date : 28-JUL-2006 10:37
Client ID:
Sample Info: 20607200602x1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32



1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.3 Units: g
Level: (low/med) LOW
% Moisture: 10.8 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SI5SB74-147-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200605
Date Collected: 07/18/06 Time: 1730
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/26/06 Time: 1417
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/sv17a056

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.22	U	0.261	2.22
72-55-9	4,4'-DDE	2.22	U	0.361	2.22
50-29-3	4,4'-DDT	2.22	U	0.139	2.22
309-00-2	Aldrin	1.11	U	0.178	1.11
60-57-1	Dieldrin	2.22	U	0.155	2.22
959-98-8	Endosulfan I	1.11	U	0.189	1.11
33213-65-9	Endosulfan II	2.22	U	0.311	2.22
1031-07-8	Endosulfan sulfate	2.22	U	0.294	2.22
72-20-8	Endrin	2.22	U	0.189	2.22
7421-93-4	Endrin aldehyde	2.22	U	0.372	2.22
53494-70-5	Endrin ketone	2.22	U	0.466	2.22
76-44-8	Heptachlor	1.11	U	0.117	1.11
1024-57-3	Heptachlor epoxide	1.11	U	0.394	1.11
72-43-5	Methoxychlor	11.1	U	0.694	11.1
8001-35-2	Toxaphene	111	U	5.20	111
319-84-6	alpha-BHC	1.11	U	0.178	1.11
5103-71-9	alpha-Chlordane	1.11	U	0.200	1.11
319-85-7	beta-BHC	2.22	U	0.300	2.22
319-86-8	delta-BHC	1.11	U	0.178	1.11
58-89-9	gamma-BHC (Lindane)	1.11	U	0.350	1.11
5103-74-2	gamma-Chlordane	1.11	U	0.244	1.11

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b056.d
Report Date: 11-Sep-2006 11:50

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b056.d
Lab Smp Id: 20607200605
Inj Date : 26-JUL-2006 14:37
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200605*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 56
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.30000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

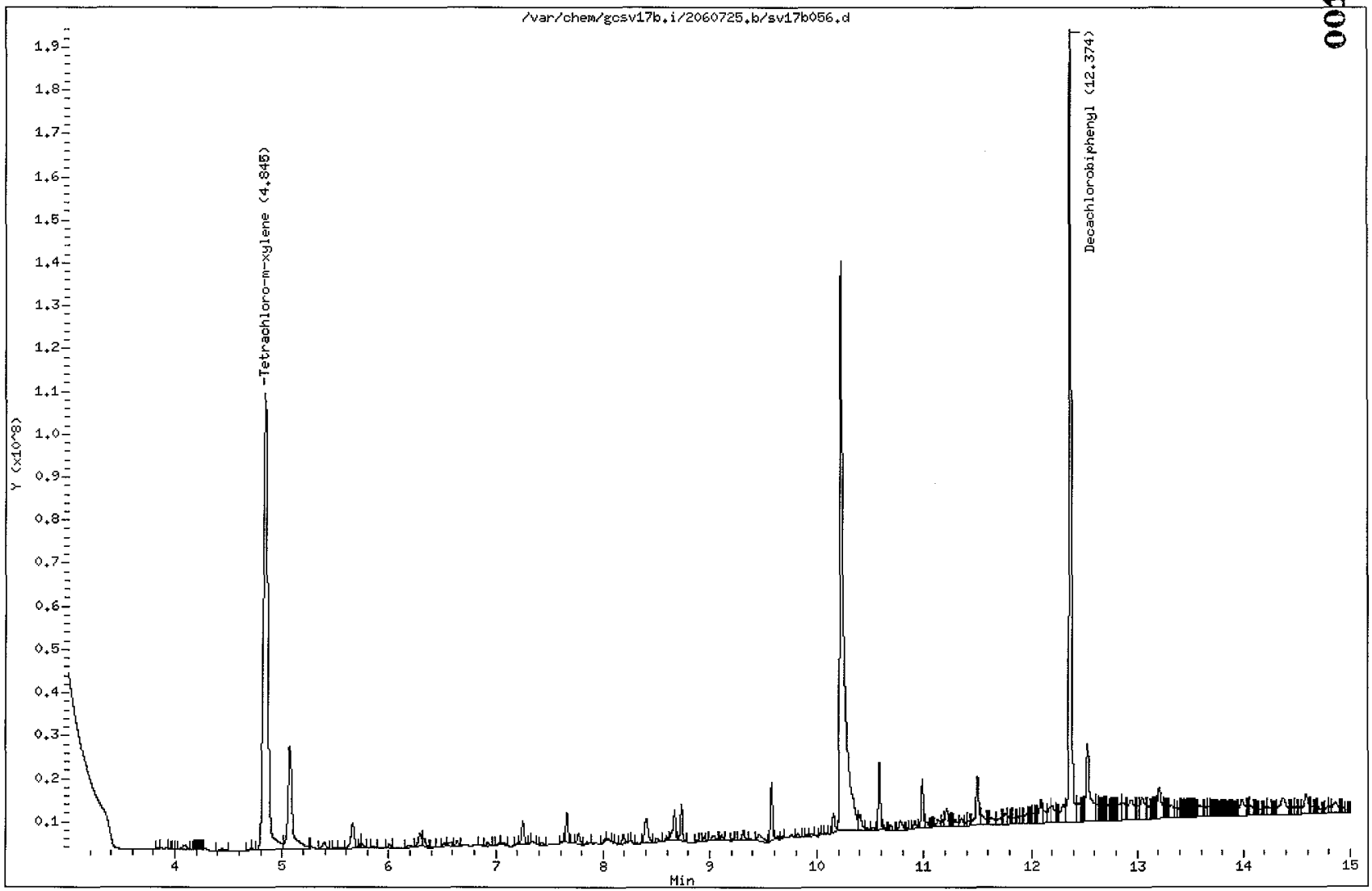
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.845	4.839	0.006	309279254	71.3751	12
$ 22 Decachlorobiphenyl	12.374	12.377	-0.003	269233420	81.3070	13

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b056.d
Date : 26-JUL-2006 14:37
Client ID:
Sample Info: 20607200605X1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001282



190095

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.4 Units: g
Level: (low/med) LOW
% Moisture: 13.2 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SF4SB46-091-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200609
Date Collected: 07/18/06 Time: 1705
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/27/06 Time: 1517
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A
Lab File ID: 2060725/sv17a079

CONCENTRATION UNITS: ug/kg

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.27	U	0.267	2.27
72-55-9	4,4'-DDE	2.27	U	0.370	2.27
50-29-3	4,4'-DDT	7.89		0.142	2.27
309-00-2	Aldrin	1.14	U	0.182	1.14
60-57-1	Dieldrin	0.521	J	0.159	2.27
959-98-8	Endosulfan I	1.14	U	0.193	1.14
33213-65-9	Endosulfan II	2.27	U	0.318	2.27
1031-07-8	Endosulfan sulfate	0.968	J	0.301	2.27
72-20-8	Endrin	2.27	U	0.193	2.27
7421-93-4	Endrin aldehyde	2.27	U	0.381	2.27
53494-70-5	Endrin ketone	2.19	J	0.478	2.27
76-44-8	Heptachlor	1.14	U	0.119	1.14
1024-57-3	Heptachlor epoxide	1.14	U	0.404	1.14
72-43-5	Methoxychlor	11.4	U	0.711	11.4
8001-35-2	Toxaphene	114	U	5.33	114
319-84-6	alpha-BHC	1.14	U	0.182	1.14
5103-71-9	alpha-Chlordane	1.14	U	0.205	1.14
319-85-7	beta-BHC	2.27	U	0.307	2.27
319-86-8	delta-BHC	1.14	U	0.182	1.14
58-89-9	gamma-BHC (Lindane)	1.14	U	0.358	1.14
5103-74-2	gamma-Chlordane	1.14	U	0.250	1.14

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b079.d
Report Date: 11-Sep-2006 11:54

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b079.d
Lab Smp Id: 20607200609
Inj Date : 27-JUL-2006 15:38
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200609*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.40000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

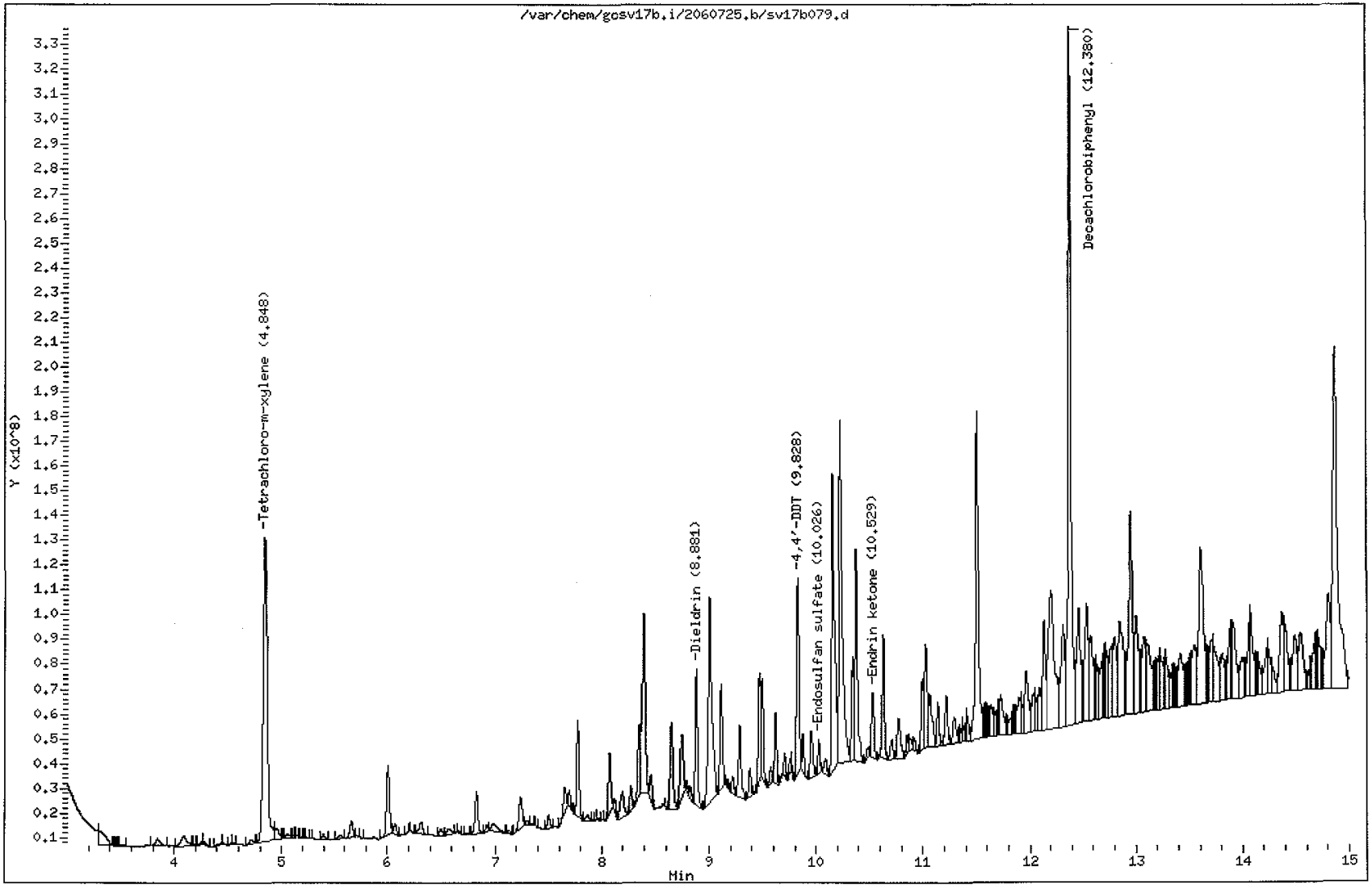
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.848	4.839	0.009	327657773	75.6165	12
13 Dieldrin	8.881	8.881	0.000	80126999	18.0050	3.0
17 4,4'-DDT	9.828	9.810	0.018	128954989	39.6062	6.5
20 Endosulfan sulfate	10.026	10.047	-0.021	16857652	5.09002	0.84
21 Endrin ketone	10.529	10.556	-0.027	46969329	11.5028	1.9
$ 22 Decachlorobiphenyl	12.380	12.377	0.003	520899913	157.309	26

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b079.d
Date : 27-JUL-2006 15:38
Client ID:
Sample Info: 20607200609*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001299



190098

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.5 Units: g
Level: (low/med) LOW
% Moisture: 9.0 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SG4SB56-112-(1-2)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200612
Date Collected: 07/18/06 Time: 1715
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1201
Dilution Factor: 10 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

CONCENTRATION UNITS: ug/kg

Lab File ID: 2060725/sv17a093

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	21.6	U	2.54	21.6
72-55-9	4,4'-DDE	21.6	U	3.51	21.6
50-29-3	4,4'-DDT	21.6	U	1.35	21.6
309-00-2	Aldrin	10.8	U	1.73	10.8
60-57-1	Dieldrin	21.6	U	1.51	21.6
959-98-8	Endosulfan I	10.8	U	1.84	10.8
33213-65-9	Endosulfan II	21.6	U	3.03	21.6
1031-07-8	Endosulfan sulfate	21.6	U	2.86	21.6
72-20-8	Endrin	21.6	U	1.84	21.6
7421-93-4	Endrin aldehyde	21.6	U	3.62	21.6
53494-70-5	Endrin ketone	21.6	U	4.54	21.6
76-44-8	Heptachlor	10.8	U	1.13	10.8
1024-57-3	Heptachlor epoxide	10.8	U	3.84	10.8
72-43-5	Methoxychlor	108	U	6.76	108
8001-35-2	Toxaphene	1080	U	50.6	1080
319-84-6	alpha-BHC	10.8	U	1.73	10.8
5103-71-9	alpha-Chlordane	10.8	U	1.95	10.8
319-85-7	beta-BHC	21.6	U	2.92	21.6
319-86-8	delta-BHC	10.8	U	1.73	10.8
58-89-9	gamma-BHC (Lindane)	10.8	U	3.40	10.8
5103-74-2	gamma-Chlordane	10.8	U	2.38	10.8

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b093.d
Report Date: 11-Sep-2006 11:51

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b093.d
Lab Smp Id: 20607200612
Inj Date : 28-JUL-2006 12:44
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200612*10
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 93
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	CONCENTRATIONS FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.845	4.839	0.006	28076475	6.47946	11
$ 22 Decachlorobiphenyl	12.377	12.377	0.000	242514593	73.2381	120

001306

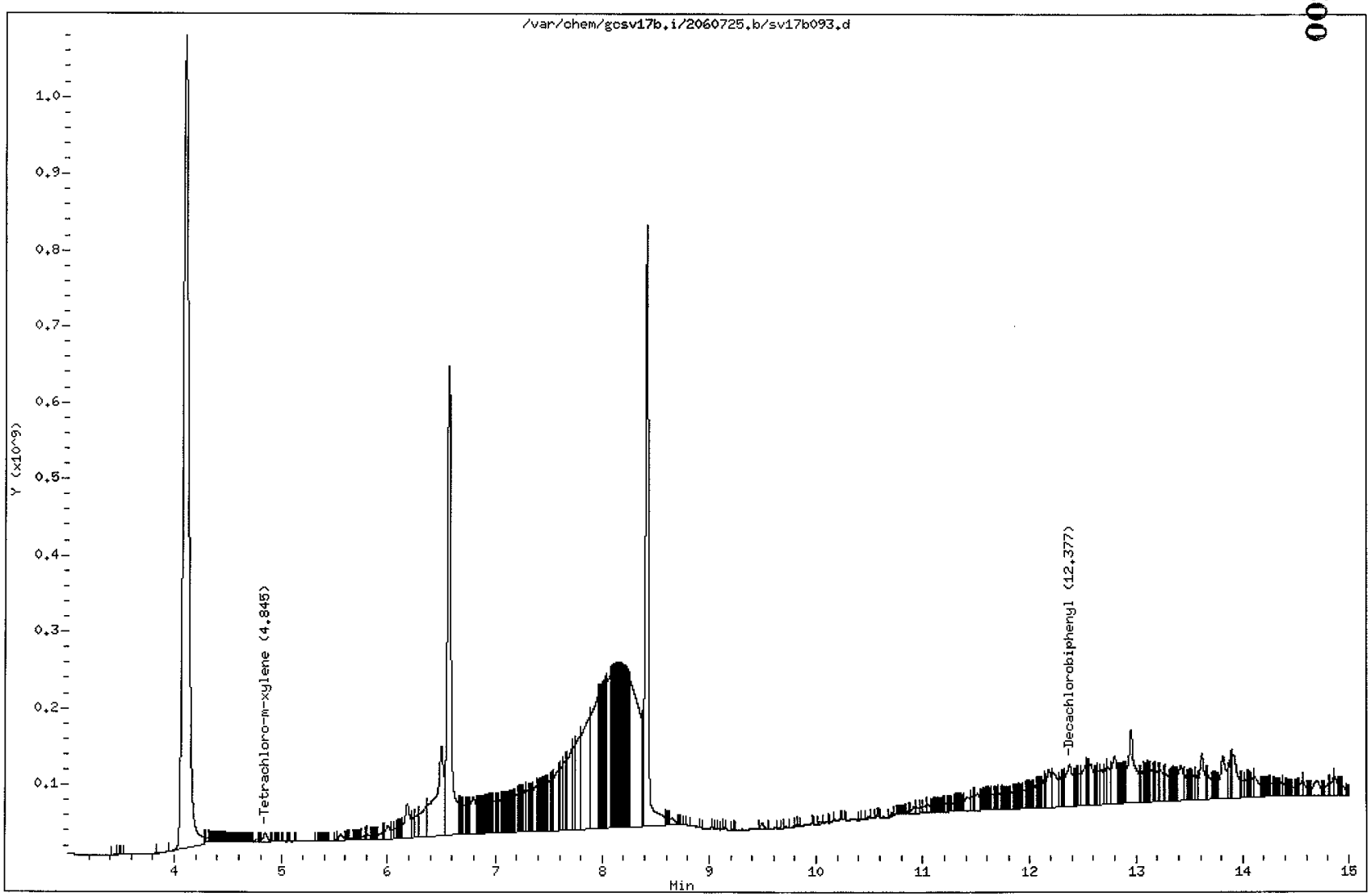
190100

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b093.d
Date : 28-JUL-2006 12:44
Client ID:
Sample Info: 20607200612x10
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001307



190101

1D
ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL
Lab Code: LA024 Case No.:
Matrix: Soil
Sample wt/vol: 30.2 Units: g
Level: (low/med) LOW
% Moisture: 7.3 decanted: (Y/N)
GC Column: RTX-35MS-3 ID: .25 (mm)
Concentrated Extract Volume: 5000 (µL)
Soil Aliquot Volume: (µL)
Injection Volume: 1 (µL)
GPC Cleanup: (Y/N) N pH:
Prep Batch: 328410 Analytical Batch: 328877

Sample ID: SG4SB56-111-(0-0.5)
Contract:
SAS No.: SDG No.: 206072006
Lab Sample ID: 20607200613
Date Collected: 07/18/06 Time: 1720
Date Received: 07/20/06
Date Extracted: 07/20/06
Date Analyzed: 07/28/06 Time: 1058
Dilution Factor: 1 Analyst: TLS
Prep Method: 3550B
Analytical Method: SW-846 8081
Sulfur Cleanup: (Y/N) N Instrument ID: GCS17A

CONCENTRATION UNITS: ug/kg

Lab File ID: 2060725/sv17a090

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4,4'-DDD	2.14	U	0.252	2.14
72-55-9	4,4'-DDE	2.14	U	0.348	2.14
50-29-3	4,4'-DDT	2.89		0.134	2.14
309-00-2	Aldrin	1.07	U	0.171	1.07
60-57-1	Dieldrin	2.14	U	0.150	2.14
959-98-8	Endosulfan I	1.07	U	0.182	1.07
33213-65-9	Endosulfan II	2.14	U	0.300	2.14
1031-07-8	Endosulfan sulfate	2.14	U	0.284	2.14
72-20-8	Endrin	2.14	U	0.182	2.14
7421-93-4	Endrin aldehyde	1.19	J	0.359	2.14
53494-70-5	Endrin ketone	3.56		0.450	2.14
76-44-8	Heptachlor	1.07	U	0.112	1.07
1024-57-3	Heptachlor epoxide	1.07	U	0.380	1.07
72-43-5	Methoxychlor	10.7	U	0.670	10.7
8001-35-2	Toxaphene	107	U	5.02	107
319-84-6	alpha-BHC	1.07	U	0.171	1.07
5103-71-9	alpha-Chlordane	1.07	U	0.193	1.07
319-85-7	beta-BHC	2.14	U	0.289	2.14
319-86-8	delta-BHC	1.07	U	0.171	1.07
58-89-9	gamma-BHC (Lindane)	1.07	U	0.337	1.07
5103-74-2	gamma-Chlordane	1.07	U	0.236	1.07

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b090.d
Report Date: 11-Sep-2006 11:52

GCAL, Inc.

Data file : /var/chem/gcsv17b.i/2060725.b/sv17b090.d
Lab Smp Id: 20607200613
Inj Date : 28-JUL-2006 11:19
Operator : tls Inst ID: gcsv17b.i
Smp Info : 20607200613*1
Misc Info :
Comment :
Method : /var/chem/gcsv17b.i/2060725.b/pestXLB.m
Meth Date : 31-Jul-2006 12:09 tls Quant Type: ESTD
Cal Date : 21-JUL-2006 00:36 Cal File: sv17b020.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081.sub
Target Version: 3.50
Processing Host: org.gcal.com

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	Correction factor
Vt	5.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.20000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (UG/L)	FINAL (UG/KG)
$ 1 Tetrachloro-m-xylene	4.851	4.839	0.012	291135027	67.1878	11
18 Endrin aldehyde	9.708	9.679	0.029	20031489	6.43469	1.1(M)
17 4,4'-DDT	9.828	9.810	0.018	49928814	15.3347	2.5(M)
21 Endrin ketone	10.526	10.556	-0.030	81258971	19.9003	3.3(M)
$ 22 Decachlorobiphenyl	12.380	12.377	0.003	1646893947	497.353	82(A)

QC Flag Legend

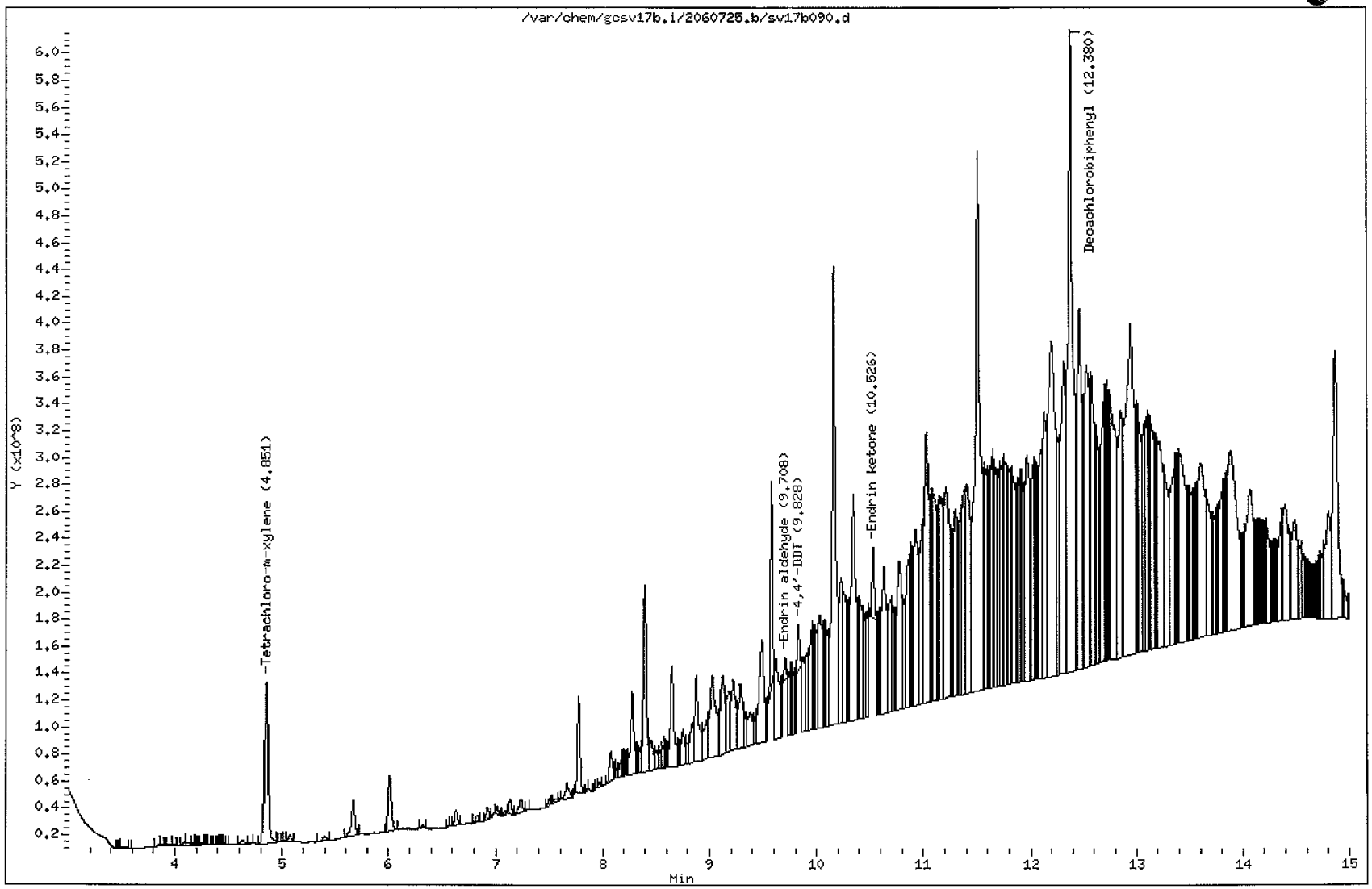
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /var/chem/gcsv17b.i/2060725.b/sv17b090.d
Date : 28-JUL-2006 11:19
Client ID:
Sample Info: 20607200613*1
Volume Injected (uL): 1.0
Column phase: RTX-XLB-30M

Instrument: gcsv17b.i

Operator: tls
Column diameter: 0.32

001312



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