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FIRST ENVIRONMENT

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August 5, 2002

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Mr. Robert Smith
New York State Department of Environmental Conservation
Drum Removal Program
21 South Putt Corners Road
New Paltz, New York 12561

Re: Report for Characterization of Drums
City of Newburgh DPW Landfill
Pierce's Road
NEWBURGH, NEW YORK

Dear Mr. Smith:

First Environment, Inc., (First Environment) is pleased to provide the following report summarizing our findings as a result of the drum investigation at the above-referenced site. The scope of work was conducted in accordance with our letter dated April 8, 2002 as approved by the New York State Department of Environmental Conservation (NYSDEC) in its letter dated April 12, 2002.

INTRODUCTION

Based on observations of the NYSDEC while working on an adjacent property, a number of 55-gallon drums were identified along the western edge of the closed City of Newburgh Landfill located adjacent to the City's Department of Public Works facility on Pierce's Road (Figure 1). No information was available regarding the source, contents or date of placement of the drums. In response to report of the drums by the NYSDEC, the City of Newburgh requested First Environment to investigate the drums.

The purpose of the investigation was to quantify the number of exposed drums present, to determine the extent of drums that may be present in the adjacent bank of the landfill based on a review of aerial photographs, and to characterize the material exposed within the open head drums present at the site. This initial phase of investigation was designed to serve as a foundation for potential additional investigation(s) and/or remedial actions that may be warranted based on the findings presented below.

INVENTORY AND INSPECTION OF DRUMS

In order to determine the number and contents of exposed drums, a site inspection was conducted on April 9, 10 and 12, 2002. The site inspection consisted of sequentially numbering and recording the contents of each drum identified. The approximate size and general condition of each drum was also recorded. In addition, each drum was screened for organic vapors using a Foxboro Total Vapor Analyzer (TVA), which is a combined photoionization detector (PID) and flame ionization detector (FID). The findings of the initial survey are presented on the drum inventory included as Table 1. Only open, exposed drums were evaluated during this phase of the investigation. No closed or buried drums were opened or exposed during this investigation.

A total of 456 containers were inventoried including drums, tanks and several vessels later determined to be hot water heaters. Due to 159 drums either being closed, or partially buried their contents could not be determined. A total of 113 drums were found to contain a plastic coated fabric material suspected to be fabrikoid, a product that had been produced by DuPont on a nearby site. A dried plastic resin, typically black, was identified in 89 drums. Common trash consisting of wine bottles, paper and similar debris were identified in 46 drums. There were 32 drums that contained various other materials including soil like materials, leaves and putty-like materials and 17 drums were empty. No phasing or layering was observed in any of the drums.

The PID readings ranged from background to 37 parts per million (ppm), associated with a drum containing leaves and plastic coated fabric. PID readings of 58.3 and 400 ppm were measured but attributed to moisture in the air, as they were not corroborated by the FID. Furthermore, the location where 400 ppm taken is suspected to be a hot water heater. The highest FID reading, 3.42 ppm, was measured from an apparently galvanized drum where a PID reading of 19.6 ppm was also identified.

LOCATING DRUMS

The letter Workplan for the investigation of the drums proposed locating the drums using field measurements from fixed points on site, specifically staked property lines. However, due to the large number of drums encountered, their distribution, and distance from the staked property line, it was not feasible to use this method. Therefore, the drums were located using a Tremble® XRS global positioning system (GPS) which provided for an accuracy of approximately one meter. The locations of drums were measured either individually, or as a group where drums were clustered together. The locations of the drum numbers corresponding with the drum inventory are presented on Figure 2.

In general, the drums were observed along the perimeter of the landfill and in some cases fully exposed along the toe of the landfill. The drum locations indicate they were placed at about the time of the closing of the landfill and allowed to roll down the side slopes of the landfill, with some at least partially covered by material deposited later. The extent of rust observed on the drums indicates that most have likely been present for approximately 25 to 30 years or more.

SAMPLING OF ACCESSIBLE DRUMS

Based on the results of the drum inventory, eight types of materials were designated for sampling as described below. The specific analysis for each sample was determined based on the materials sampled and field observations during the inventory.

SAMPLE NUMBER	DESCRIPTION	REPRESENTATIVE DRUMS	SAMPLE ANALYSIS
001	Plastic coated fabric	028, 100, 143, 177 & 311	TCLP metals, PCBs
002	PLASTIC RESINS/RUBBER	029, 098, 150, 209, 413 & 443	TCLP METALS, TCLP PESTICIDES, TCLP BASE NEUTRALS, TCLP VOCS, PCBS, RCRA CHARACTERISTICS
003	Hard putty like material	018	TCLP metals, TCLP pesticides, PCBs
004	Molded paper like material	150, 198 & 311	TCLP metals, PCBs, RCRA characteristics
005	White powder	362	TCLP metals, PCBs, RCRA characteristics
006	Gray powder	320	TCLP metals, PCBs, RCRA characteristics
007	Soil like material	434 & 446	TCLP metals, TCLP pesticides, TCLP Base neutrals, PCBs, RCRA characteristics
008	Yellow/orange paint like material	040, 186, 246 & 307	TCLP metals, TCLP VOCs, PCBs, RCRA characteristics

Samples were analyzed by Hampton-Clarke Veritech Laboratories of Fairfield, New Jersey, (Veritech) a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory. Pre-cleaned sample containers were provided by Veritech. Samples were collected using hand trowels. All sampling equipment was decontaminated prior to being brought on site and in between sampling locations.

The sampling results are presented on Table 2 and are discussed below. The results of the toxicity characteristic leaching procedure (TCLP) metals analysis identified chromium and lead at 5.5 and 120 milligrams per liter (mg/L) respectively, each above the USEPA hazardous level of 5 mg/L for one sample, 007. Based on this result, this material would be characterized as a RCRA hazardous waste with a waste code of D007 for cadmium and D008 for lead. No other metals were detected above the RCRA standards in any other samples. No pesticides, base neutral extractable organic or volatile organics were detected in the TCLP analysis of any samples. Traces of polychlorinated biphenyls (PCBs) were detected at sample 002 and 007 at 0.11 and 0.46 milligrams per kilogram (mg/kg) respectively, each well below the federal Toxic Substance Control Act (TSCA) standard of 50 mg/kg and the NYSDEC recommended soil cleanup objective of 1 mg/kg. All samples

analyzed were negative for reactive cyanide and reactive sulfide. The pH of samples analyzed were within the acceptable range as per RCRA requirements. Three samples, 002, 004 and 008 were positive for ignitability. This was not unexpected since the material consisted of plastic coated fabric, paper-like material, and dried paint-like material, respectively.

AERIAL PHOTOGRAPH REVIEW

Aerial photographs from 1975, 1988 and 1995 were reviewed in an attempt to identify when the drums were disposed of, and to evaluate if the other drums may extend further into the bank of the landfill.

Based on a review of a stereo pair from 1975 (1 inch = 1,000 foot scale), there appears to be some debris which may include drums in the areas where groups of drum were identified during the inventory. However, due to the scale of the photograph, the exact nature of the debris could not be confirmed. Additional cover appears to have been spread across the central portion of the site, possibly associated with capping activities. The lateral extent of the landfill appears to be the same as that observed in subsequent photographs.

The 1988 stereo pair (1 inch = 800 feet) shows the same areas of debris, indicating possible drums, as observed in the 1975. The top of the landfill appears to be fairly level indicating the filling/grading observed in the 1975 photograph was likely conducted across the landfill.

The 1995 aerial photograph was too grainy to determine if drums were present. The configuration of the landfill, including service roads appears the same as in 1988, except for the addition of the vehicle impound lot, which remains on site today.

Based on the information provided in the aerial photographs, as well as the observed condition of the drums, it appears that at least some of the drums may have been placed shortly before to 1975. Some of these drums would have been at least partially covered by the fill observed in the 1975 photograph. Partially buried drums were observed along the slopes of the landfill supporting this theory. Earlier photographs have been requested in an attempt to more closely determine the date the drums were placed, and to evaluate if drums may extent into the landfill, beyond those observed at the landfill's perimeter. The findings of this evaluation will be provided as an addendum to this report.

CONCLUSIONS AND RECOMMENDATIONS

Based on the site inventory, a total of 456 containers, primarily open top 55-gallon drums, were identified on site, around the perimeter of the City of Newburgh's landfill. The vast majority of the exposed drums contain either plastic coated fabric, dried plastic resins, rubbish, or are empty. Based on eight samples collected, the only analytes of concern identified were hazardous levels of chromium and lead identified in a soil-like material in drums 434 and 446 located on the northwest side of the landfill. It is recommended that these two drums be removed and disposed of in accordance with all applicable regulations to prevent potential impacts to the site. Three samples failed the RCRA characteristic testing for ignitability, however the contents of these drums, which contained paper-like material, dried plastic or resin, and dried paint-like material are not expected to have the potential to impact the site. Based on the information gathered to date, the remaining exposed open head drums evaluated do not appear to pose a threat to the site.

Further investigation of the closed head and partially exposed drums is warranted to determine if these drums pose a threat to the subject site. It is recommended that these drums be opened and sampled for characterization to determine if they warrant removal from the site.

Additional review of aerial photographs is necessary to evaluate the potential presence of drums within the landfill, however due to limits on the quality and availability of aerial photographs, further site investigation such as geophysical surveys may be warranted to evaluate if the extent of drums observed at the perimeter of the landfill extend further into the landfill.

We trust that this report is responsive to your needs. Once you have had the opportunity to review this report, please contact us to discuss the scope of additional investigation as may be necessary. If you have any questions or require additional information, please do not hesitate to call.

Very truly yours,

FIRST ENVIRONMENT, INC.

Timothy B. Egan
Associate

Att.

cc: W. Ketcham, Esq. w/out analytical data
W. Hauser, P.E.

TABLE 1
DRUM INVENTORY
CITY OF NEWBURGH DPW LANDFILL
NEWBURGH, NEW YORK

√ = OK

DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
001	55	CLOSED	POOR	0.95	0.11	UNKNOWN	APPEARS EMPTY (NEAR ROAD)
002	55	UNKNOWN	POOR	-0.19	0.09	UNKNOWN	BURIED IN SLOPE, 20% EXPOSED
003	55	OPEN	POOR	1.65	0.13	UNKNOWN	50% EXPOSED; CRUSHED
004	55	UNKNOWN	POOR	1.46	0.08	UNKNOWN / FILLED WITH LEAVES	50% EXPOSED / CRUSHED
005	U / 55	UNKNOWN	POOR	8.05	0.09	UNKNOWN	COMPLETELY CRUSHED 10% EXPOSED
006	55	UNKNOWN	POOR	--	--	UNKNOWN	25% EXPOSED / UNDER ROCK, CRUSHED
007	30?	CLOSED	POOR	22.80	0.02	UNKNOWN	STAINLESS STEEL
008	55	UNKNOWN	POOR	3.15	-0.17	UNKNOWN	CRUSHED / 75% EXPOSED
009	55	UNKNOWN	POOR	--	--	EMPTY	COMPLETELY CRUSHED
010	100 / 150	CLOSED (TANK)	POOR	400	-0.07	UNKNOWN	50% EXPOSED, POSSIBLE WATER HEATER
011	5	OPEN	GOOD	--	--	UNKNOWN / FILLED	GRAY CANS - 5 GALLONS
012	5	OPEN	GOOD	--	--	UNKNOWN / FILLED	GRAY CANS - 5 GALLONS
013	5	OPEN	GOOD	--	--	UNKNOWN / FILLED	GRAY CANS - 5 GALLONS
014	55	UNKNOWN	POOR	6.03	-0.04	UNKNOWN	CRUSHED / 10% EXPOSED
015	100 / 150	CLOSED (TANK)	POOR	18.76	-0.04	UNKNOWN	WATER HEATER / 100% EXPOSED
016	200	CLOSED (TANK)	POOR	5.02	-0.03	UNKNOWN	TANK, TYPE UNKNOWN / 100% EXPOSED
017	55	OPEN	POOR	6.01	-0.03	WATER / LEAVES	TOP OPEN / 100% EXPOSED
018	55	OPEN	POOR	3.63	-0.04	HARD WHITE PUTTY-LIKE MATERIAL	TOP OPEN, LABELED "WATER DISPERSION. PROTECT FROM FREEZING, STORE AT 70 TO 90 DEGREES. USE WITHIN 90-DAYS FROM RECEIVED
019	55	CLOSED	POOR	3.37	-0.05	UNKNOWN	50% EXPOSED
020	55	OPEN	POOR	53.95	-0.03	UNKNOWN / SOIL	25% EXPOSED / CRUSHED
021	30	OPEN	POOR	5.75	-0.03	UNKNOWN / SOIL	70% EXPOSED / CRUSHED
022	55	UNKNOWN	POOR	--	--	UNKNOWN	25% EXPOSED / YELLOW DRUM
023	55	UNKNOWN	POOR	2.89	0.58	DRUM LINER / BLUE TARP MATERIAL	25% EXPOSED
024	55	UNKNOWN	POOR	3.10	-0.07	UNKNOWN	20% EXPOSED
025	30 / 45	OPEN	POOR	19.60	3.42	UNKNOWN	CRUSHED / DRUM LABEL 'HERCULESE INCOMING" WILLMINGTON, DE / STAINLESS OR GALVENIZED STEEL
026	55	OPEN	POOR	9.35	-0.09	BLUE / PINK TARP / RUBBER-LIKE SUBSTANCE	RUSTED OUT 50% / 80% EXPOSED
027	55	UNKNOWN	POOR	--	--	LEAVES, BLUE TARP AROUND DRUM	BADLY RUSTED (75%), 90% EXPOSED
028	5	UNKNOWN	POOR	4.69	-0.10	UNKNOWN - BLUE TARP AROUND	RUSTED OUT / 90% EXPOSED COVERED WITH
029	55	UNKNOWN	POOR	--	--	BLUE / PINK RUBBER MATERIAL	APPEARS TO BE RUBBER MOLD OF DRUM WHICH HAS COMPLETELY RUSTED
030	55	OPEN	POOR	6.11	-0.11	UNKNOWN	90% EXPOSED
031				1.90	-0.09	BLUE TARP / DRUM LINER / LEAVES	RUSTED, TOP OPEN, 50% EXPOSED
032	55	OPEN	POOR	1.19	-0.11	EMPTY	CRUSHED / RUSTED OUT / 90% EXPOSED
033	250	TANK	POOR	0.33	-0.11	INSULATION AND INNER TANK (MADE OF ROCK-LIKE MATERIAL) / CONTENTS UNKNOWN, 1/2 GAL. PLASTIC CONTAINERS	RUSTED, STEEL, 80% EXPOSED

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DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
034	55	OPEN	POOR	0.30	-0.11	LEAVES, WOOD, BLUE TARP, DRUM LINER, HALF-GALLON PLASTIC CONTAINER	100% EXPOSED
035	55	OPEN	POOR	-0.06	-0.11	BLUE TARP / DRUM LINER	50% EXPOSED / RUSTED OUT
036	55	OPEN	POOR	1.01	-0.09	CLEAR PLASTIC TARP / BLUE TARP	20% EXPOSED / COVERED WITH DEBRIS
037	30	OPEN	POOR	0.01	-0.11	GREY / BLACK RUBBER (HARD)	75% EXPOSED / RUSTED OUT
038	55	OPEN	POOR	0.22	-0.12	BLACK / PINK DRY ROTTED PAPER / RUBBER MATERIAL	RUSTED OUT 100%
039	55	OPEN	POOR	--	--	UNKNOWN	RUSTED OUT 80%
040	55	OPEN	POOR	-0.29	-0.12	CLEAR PLASTIC TARP WITH PINK TARP WITH ORANGE PAINT	100% EXPOSED / RUSTED OUT
041	U	UNKNOWN	POOR	--	--	NO CONTENTS (EMPTY)	80% RUSTED OUT
042	55	OPEN	POOR	--	--	BLUE TARP	50% RUSTED OUT
043	55	OPEN	POOR	0.03	-0.13	PINK TARP / BLACK RUBBER PAPER MATERIAL / CLEAR PLASTIC TARP	20% EXPOSED / RUSTED OUT
044	55	UNKNOWN	POOR	0.67	-0.12	CLEAR PLASTIC TARP BLACK / PINK RUBBER PAPER MATERIAL	RUSTED OUT 50% EXPOSED / COVERED BY OTHER DRUMS
045	30	OPEN	POOR	-0.25	-0.14	UNKNOWN	OVERPACKED IN 046
046	55	OPEN	POOR	-0.27	-0.14	DRUM 045	75% EXPOSED
047	U	UNKNOWN	POOR	--	--	UNKNOWN	80% RUSTED COVERED BY 038 / 042/ 043
048	55	UNKNOWN	POOR	--	--	UNKNOWN	10% EXPOSED / RUSTED OUT
049	55	OPEN	POOR	0.0	0.0	BLUE TARP	100% EXPOSED
050	55	OPEN	POOR	-0.24	-0.13	CLEAR PLASTIC TARP / BLACK RUBBERY MATERIAL	SLIGHTLY RUSTED / 100% EXPOSED
051	55	UNKNOWN	POOR	1.04	-0.03	BLUE TARP	20% EXPOSED
052	55	CLOSED	POOR	-0.32	-0.13	APPEARS EMPTY	100% EXPOSED
053	55	CLOSED	POOR	-0.05	-0.15	UNKNOWN	100% EXPOSED / CRUSHED
054	55	OPEN	POOR	1.15	-0.11	LEAVES / GREEN RUBBER MAT	25% EXPOSED RUSTED OUT
055	55	OPEN	POOR	0.87	-0.16	BLUE TARP / BLACK RUBBER	10% EXPOSED / BADLY RUSTED
056	55	OPEN	POOR	-0.67	1.48	CLEAR PLASTIC / BLUE RUBBER MAT / LEAVES, DIRT	10% EXPOSED / RUSTED OUT
057	55	OPEN	POOR	-0.58	-0.04	1/2 GALLON PLASTIC CONTAINERS / BLACK TARP, CLEAR PLASTIC, LEAVES	80% EXPOSED / RUSTED OUT
058	55	OPEN	POOR	-0.64	-0.08	ORANGE RUBBER, CLOTH, LEAVES, SOIL	75% EXPOSED / RUSTED OUT
059	55	OPEN	POOR	--	--	LEAVES / SOIL / UNKNOWN	CRUSHED / 50% EXPOSED, RUSTED OUT
060	55	UNKNOWN	POOR	-0.48	-0.08	UNKNOWN	10% EXPOSED, RUSTED OUT
061	55	OPEN	POOR	-0.64	-0.11	UNKNOWN	5% EXPOSED, RUSTED OUT, CRUSHED
062	55	UNKNOWN	POOR	--	--	BLUE DRUM LINER / TARP	50% EXPOSED, CRUSHED, RUSTED
063	55	UNKNOWN	POOR	0.81	-0.17	CLEAR PLASTIC CUPS, 1/2 GAL. CONTAINERS, LEAVES / DEBRIS	35% EXPOSED, RUSTED OUT, CRUSHED
064	55	OPEN	POOR	--	--	BLUE DRUM LINER / TARP / DEBRIS, LEAVES, SOIL	40% EXPOSED, CRUSHED, RUSTED OUT
065	55	OPEN	POOR	-0.52	-0.16	1/2 GAL. PLASTIC CONTAINERS / LEAVES AND DEBRIS	80% EXPOSED / RUSTED OUT

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066	55	CLOSED	POOR	-0.53	-0.17	UKNOWN	CLOSED DRUM, BUT RIPPED OPEN / 50% EXPOSED, BADLY RUSTED
067	55	P	GOOD	-0.51	-0.05	LIQUID UNKNOWN, APPEARS TO BE WATER	100% EXPOSED
068	55	CLOSED	POOR	-0.64	-0.18	LEAVES, SOIL, DEBRIS	20% EXPOSED / RUSTED OUT
069	55	CLOSED	POOR	-0.67	-0.16	LEAVES, SOIL, DEBRIS	75% EXPOSED / RUSTED OUT
070	55	OPEN	POOR	-0.63	-0.17	BLUE TARP / DRUM LINER / LIGHT BLUE TARP WITH DEBRIS	70% EXPOSED, CRUSHED / RUSTED OUT
071	55	CLOSED	POOR	-0.64	-0.15	UNKNOWN	45% EXPOSED / RUSTED OUT
072	55	OPEN	POOR	-0.69	-0.16	1/2 GAL. PLASTIC CONTAINERS / LEAVES AND DEBRIS	75% EXPOSED / RUSTED OUT
073	55	OPEN	POOR	-0.10	-0.04	1/2 GAL. PLASTIC CONTAINERS, WHITE, BLACK, AND CLEAR TARP MATERIAL / LEAVES, SOIL, DEBRIS, PUTTY MATERIAL	75% EXPOSED
074	55	OPEN	POOR	-0.17	-0.04	BLUE TARP, LEAVES, SOIL	100% EXPOSED, RUSTED OUT
075	55	OPEN	POOR	-0.13	-0.05	BLACK, PINK, BLUE TARP MATERIAL / BLACK RUBBER MAT MATERIAL / 1/2 GAL. PLASTIC CONTAINER / LEAVES, DEBRIS	75% EXPOSED
076	55	OPEN	POOR	-0.13	-0.05	CLEAR TARP, BLUE TARP / 1/2 GAL. PLASTIC CONTAINERS / LEAVES,	80% EXPOSED / SEVERELY RUSTED
077	55	OPEN	POOR	--	--	UNKNOWN	COMPLETELY CRUSHED
078	30	OPEN	POOR	-0.19	-0.03	LEAVES, DEBRIS	STEEL GARBAGE CAN APPEARS TO BE OVER PACKED
079	55	OPEN	POOR	-0.16	-0.03	LEAVES, DEBRIS	GREEN DRUM / LABEL SAYS "CONTENTS 55 US GALLONS"
080	55	OPEN	POOR	--	--	EMPTY	COMPLETELY RUSTED OUT ON BOTTOM
081	55	UNKNOWN	UNKNOWN	-0.05	-0.03	UNKNOWN	BURIED TOP DOWN
082	55	CLOSED	UNKNOWN	--	--	UNKNOWN	BURIED TOP DOWN
083	55	CLOSED	POOR	-0.19	-0.03	UNKNOWN	75% EXPOSED - UNDER TREES, VEGETATION
084	55	OPEN	POOR	-0.15	-0.03	LEAVES, DEBRIS	75% EXPOSED
085	55	CLOSED	POOR	-0.06	-0.03	UNKNOWN	10% EXPOSED, BURIED UNDER DEBRIS
086	55	UNKNOWN	POOR	-0.09	-0.04	UNKNOWN	100% EXPOSED, BURIED UNDER DEBRIS
087	55	CLOSED	POOR	--	--	UNKNOWN	
088	55	CLOSED	POOR	-0.05	-0.03	UNKNOWN	BURIED UNDER TREES AND DEBRIS / CRUSHED 10% EXPOSED
089	55	CLOSED	POOR	-0.02	-0.04	BLUE TARP, LEAVES, DEBRIS	10% EXPOSED, SEVERELY RUSTED
090	55	OPEN	POOR	-0.26	-0.03	1/2 GAL. PLASTIC CONTAINERS, LEAVES, DEBRIS	20% EXPOSED
091	55	CLOSED	POOR	-0.20	-0.03	UNKNOWN	CRUSHED
092	55	UNKNOWN	POOR	--	--	UNKNOWN	5% EXPOSED
093	55	UNKNOWN	POOR	--	--	PINK TARP, LEAVES	ONLY TOP OF DRUM, THE REST OF THE DRUM IS RUSTED
094	55	OPEN	POOR	--	--	UNKNOWN / PLASTIC DRUM	APPEARS TO BE OVER-PACKED OF PLASTIC DRUM

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095	55	CLOSED	POOR	7.16	0.13	UNKNOWN	100% EXPOSED, BADLY RUSTED, HAS VALVE ON TOP OF DRUM AND OPENING HALFWAY DOWN (CARBOY-LIKE VESSEL)
096	55	CLOSED	POOR	--	--	UNKNOWN	5% EXPOSED
097	55	CLOSED	POOR	2.51	0.09	UNKNOWN	CRUSHED - LABEL "ADCO QUALITY TANKS" WITH PARROT AS SYMBOL
098	55	OPEN	POOR	0.00	-0.01	GRAY RUBBER MATERIAL AND PUTTY	50% EXPOSED, BURIED UNDER 099, 100, AND TREES
099	55	UNKNOWN	POOR	-0.05	0.03	BLACK RUBBER MATERIAL, PINK TARP	SEVERELY RUSTED OUT / 50% OF DRUM REMAINS
100	55	UNKNOWN	POOR	-0.13	-0.02	BLACK RUBBER MATERIAL, PINK TARP, LEAVES, AND DEBRIS	SEVERELY RUSTED OUT, 50% OF DRUM REMAINS
101	55	OPEN	POOR	-0.17	-0.02	BLUE TARP, LEAVES	GREEN DRUM, LABEL PLACARD STICKER SAYS POISON
102	55	UNKNOWN	POOR	-0.04	-0.02	BLACK RUBBER MATERIAL	SEVERELY RUSTED, BURIED UNDER 101 AND 100
103	55	OPEN	POOR	-0.05	-0.02	WHITE AND BLACK RUBBERY PAPER MATERIAL	100% EXPOSED, CRUSHED BETWEEN TREE, UNDER 101
104	55	OPEN	POOR	-0.18	-0.02	CLEAR PLASTIC, ALUMINUM CANS	100% EXPOSED, SEVERELY RUSTED
105	55	OPEN	POOR	0.48	-0.03	BLACK RUBBER MATERIALS, LEAVES, DEBRIS	100% EXPOSED, SEVERELY RUSTED
106	55	UNKNOWN	POOR	-0.20	-0.02	BLACK RUBBER, PINK TARP, LEAVES	20% OF DRUM REMAINS, REMAINDER IS SEVERELY RUSTED
107	55	OPEN	POOR	-0.08	-0.02	WHITE TARP, PAPER MATERIAL,	WHITE DRUM, CRUSHED, RUSTED
108	30	OPEN	POOR	+0.15	-0.03	1/2 GALLON PLASTIC CONTAINERS, LEAVES	75% EXPOSED
109	55	OPEN	POOR	0.11	-0.02	TOP OF DRUM - LEAVES - REST UNKNOWN	100% EXPOSED
110	30	UNKNOWN	POOR	0.58	-0.03	BLACK RUBBER MATERIAL, LEAVES	SEVERELY RUSTED, 50% DRUM REMAINS
111	UNKNOWN	UNKNOWN	POOR	0.00	-0.04	LEAVES	SEVERELY RUSTED, 25% OF DRUM REMAINS
112	55	CLOSED	POOR	2.60	-0.06	UNKNOWN	50% EXPOSED - CAN'T SEE INSIDE
113	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	COMPLETELY CRUSHED
114	30	OPEN	POOR	-0.22	-0.02	BLUE TARP, LEAVES, 1/2 GAL. PLASTIC CONTAINERS	INSIDE OF 115 - RUSTED
115	55	OPEN	POOR	--	--	DRUM 114	OVERPACKED DRUM - 50% EXPOSED
116	55	OPEN	POOR	0.22	-0.03	1/2 GAL. PLASTIC CONTAINERS, LEAVES	100% EXPOSED - GREEN DRUM
117	55	OPEN	POOR	0.27	-0.02	LEAVES, 1/2 GAL. PLASTIC CONTAINERS	100% EXPOSED - RUSTED ON SIDE
118	30	UNKNOWN	POOR	--	--	UNKNOWN	20% EXPOSED - CAN'T SEE
119	55	UNKNOWN	POOR	--	--	UNKNOWN	COMPLETELY CRUSHED
120	55	OPEN	POOR	+0.20	-0.03	BLACK RUBBER MATERIAL, OVERFLOWING ON SIDES	SEVERELY RUSTED - 30% EXPOSED
121	55	OPEN	POOR	-0.02	-0.02	BLUE TARP, LEAVES, MISC. DEBRIS (ROPE, WOOD)	100% EXPOSED
122	55	OPEN	POOR	+0.0	-0.02	1/2 GAL. PLASTIC CONTAINERS, BLUE TARP MATERIAL, LEAVES	SEVERELY RUSTED AND CRUSHED

TABLE 1
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CITY OF NEWBURGH DPW LANDFILL
NEWBURGH, NEW YORK

DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
123	55	UNKNOWN	POOR	4.75	-0.07	BLUE TARP, WHITE/BLACK RUBBER, PAPER MATERIAL	SEVERELY RUSTED AND CRUSHED
124	55	OPEN	POOR	8.38	-0.07	BLUE TARP, LEAVES, DEBRIS	30% EXPOSED, RUSTED
125	55	OPEN	POOR	--	-0.08	BLUE TARP, LEAVES, ROCKS	WHITE DRUM, BURIED, 10% EXPOSED
126	55	OPEN	POOR	0.04	-0.02	PINK / GREEN / WHITE RUBBER PAPER MATERIAL, BLACK RUBBER MATERIAL	100% EXPOSED, WHITE DRUM, RUSTED
127	55	OPEN	POOR	-0.10	-0.03	BLACK, PINK, BLUE RUBBER / OVERFLOW SIDE, LEAVES	100% EXPOSED, SEVERELY RUSTED
128	55	OPEN	POOR	37.0	0.74	BLUE TARP MATERIAL, LEAVES	75% EXPOSED, WHITE DRUM, DRUM LABEL
129	55	UNKNOWN	POOR	0.39	0.02	LEAVES - UNKNOWN	75% EXPOSED - COVERED BY 130 AND OTHER DEBRIS
130	30	OPEN	POOR	0.03	-0.02	WHITE RUBBER MATERIAL DRIED TO INSIDES, LEAVES	SEVERELY RUSTED - 70% EXPOSED
131	55	UNKNOWN	POOR	-0.20	-0.12	BLACK, PINK RUBBER MATERIAL, CLEAR TARP, LEAVES	SEVERELY RUSTED - 20% OF DRUM REMAINS
132	55	UNKNOWN	POOR	-0.26	-0.11	BLACK RUBBER MATERIAL, 1/2 GAL. PLASTIC CONTAINER, BLUE TARP	SEVERELY RUSTED, CRUSHED
133	55	OPEN	POOR	-0.22	-0.07	BLUE TARP, LEAVES	SEVERELY RUSTED - 50% OF DRUM REMAINS
134	UNKNOWN	OPEN	POOR	0.11	-0.06	BLUE TARP, CLEAR PLASTIC, ORANGE PAINT LIKE LIQUID, PINK RUBBERY PAPER	SEVERELY RUSTED - 20% OF DRUM EXPOSED, GREEN
135	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	10% EXPOSED, BOTTOM OF DRUM ONLY, RUSTED
136	UNKNOWN	UNKNOWN	POOR	0.60	-0.03	BLUE TARP, LEAVES	GREEN DRUM - SEVERELY RUSTED, 10% EXPOSED
137	55	OPEN	POOR	-0.11	-0.05	BLUE / ORANGE TARP MATERIAL, LEAVES	20% EXPOSED, CRUSHED
138	55	OPEN	POOR	0.33	-0.03	LEAVES, BLUE TARP	WHITE DRUM - 75% EXPOSED
139	55	UNKNOWN	POOR	--	--	PINK RUBBERY PAPER MATERIAL, BLUE TARP, LEAVES	50% EXPOSED, SEVERELY CRUSHED
140	55	OPEN	POOR	0.20	-0.04	LEAVES, BLACK/PINK RUBBER, OVERFLOW SIDES	10% EXPOSED
141	55	OPEN	POOR	0.22	-0.05	BLACK RUBBER, OVERFLOW SIDES, BLUE TARP, WHITE/ORANGE RUBBER PAPER	50% EXPOSED - RUSTED
142	55	OPEN	POOR	-0.13	-0.04	BLUE TARP, LEAVES	WHITE DRUM - 30% EXPOSED
143	55	OPEN	POOR	0.15	-0.04	BLUE/ORANGE TARP, LEAVES, WHITE RUBBERY PAPER MATERIAL	100% EXPOSED, RUSTED OUT
144	UNKNOWN	UNKNOWN	POOR	-0.07	-0.04	CLEAR PLASTIC TARP	5% EXPOSED - RUSTED BURIED
145	55	UNKNOWN	POOR	-0.18	-0.03	CLEAR PLASTIC AND WHITE RUBBER PAPER	25% RUSTED OUT - 100% EXPOSED
146	55	OPEN	POOR	-0.11	-0.06	LEAVES, PINK RESIDUE ON SIDE	100% EXPOSED - 50% RUSTED OUT
147	55	UNKNOWN	POOR	-0.18	-0.06	LEAVES	10% EXPOSED - SEVERELY RUSTED
148	55	CLOSED	POOR	1.61	0.01	UNKNOWN	10% EXPOSED
149	55	UNKNOWN	POOR	--	--	FILLED WITH SOIL, DEBRIS	10% EXPOSED

TABLE 1
DRUM INVENTORY
CITY OF NEWBURGH DPW LANDFILL
NEWBURGH, NEW YORK

DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
150	55	UNKNOWN	POOR	0.20	-0.05	PINK, GREEN, BLUE, RUBBER PAPER MATERIAL, CLEAR PLASTIC TARP, 1/2 GAL. PLASTIC CONTAINERS	SEVERELY RUSTED, 30% EXPOSED
151	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	5% EXPOSED - BURIED
152	UNKNOWN	UNKNOWN	POOR	0.62	-0.05	UNKNOWN	5% EXPOSED - BURIED
153	55	CLOSED	POOR	0.88	-0.04	UNKNOWN	75% EXPOSED
154	55	CLOSED	POOR	0.11	-0.03	UNKNOWN	CRUSHED - 100% EXPOSED
155	55	UNKNOWN	POOR	0.09	-0.03	UNKNOWN	GREEN DRUM - CRUSHED, 50% EXPOSED
156	55	OPEN	POOR	0.21	-0.04	PINK, GREEN, WHITE TARP MATERIAL / WHITE CLOTH	SEVERELY RUSTED, 75% EXPOSED
157	55	OPEN	POOR	-0.06	-0.03	LEAVES, GARBAGE	BLACK DRUM - LABELLED "HAZARDOUS WASTE HANDLE WITH CARE"
158	55	UNKNOWN	UNKNOWN	--	--	UNKNOWN	5% EXPOSED - LABELLED "? INCORPORATED BEACON, NEW YORK (ILLEGIBLE)"
159	55	UNKNOWN	POOR	--	--	UNKNOWN	75% EXPOSED, RUSTED OUT
160	55	CLOSED	POOR	0.55	-0.09	LEAVES, DEBRIS	50% EXPOSED, RUSTED
161	55	UNKNOWN	POOR	0.61	-0.09	WHITE RUBBER MATERIAL	25% EXPOSED, RUSTED
162	UNKNOWN	UNKNOWN	POOR	1.02	-0.1	PINK RUBBER MATERIAL AROUND	BURIED - 5% EXPOSED
163	UNKNOWN	UNKNOWN	POOR	0.50	-0.09	BLACK RUBBER MATERIAL	100% EXPOSED / 80% RUSTED OUT
164	55	OPEN	POOR	0.52	0.09	DRUM TOPS, LEAVES, DEBRIS	25% EXPOSED, BURIED
165	55	OPEN	POOR	0.57	-0.10	CLEAR PLASTIC MATERIAL, LEAVES, WHITE CLOTH - 5 GAL. BUCKET	100% EXPOSED - SEVERELY RUSTED
166	55	OPEN	POOR	0.49	-0.08	20-GAL. STEEL BUCKET / DRUM, LEAVES	50% EXPOSED, RUSTED
167	55	OPEN	POOR	0.66	0.0	BLACK RUBBER, CLEAR PLASTIC MATERIAL, 10-GAL. PLASTIC CONTAINER	80% EXPOSED - SEVERELY RUSTED
168	55	UNKNOWN	POOR	0.92	-0.10	UNKNOWN	80% EXPOSED - RUSTED
169	55	OPEN	POOR	0.90	-0.08	EMPTY	75% EXPOSED - RUSTED OUT
170	55	OPEN	POOR	1.13	-0.11	BLUE TARP, LEAVES	100% EXPOSED - CRUSHED
171	55	UNKNOWN	POOR	0.67	-0.09	BLACK, FADED PINK RUBBER MATERIAL, LEAVES	50% EXPOSED, SEVERELY RUSTED
172	55	UNKNOWN	POOR	1.10	-0.09	BLUE TARP, LEAVES	25% EXPOSED, SEVERLELY RUSTED
173	55	OPEN	POOR	--	--	BLUE TARP, WHITE RUBBER MATERIAL, LEAVES	20% EXPOSED, SEVERELY RUSTED
174	30 / 40	OPEN	POOR	0.43	-0.09	PINK, BLUE TARP, CLEAR PLASTIC, LEAVES	100% EXPOSED, RUSTED OUT
175	UNKNOWN	UNKNOWN	UNKNOWN	--	--	BLUE TARP, BLACK RUBBER	5% EXPOSED
176	55	CLOSED	POOR	0.59	-1.10	BLACK RUBBER, BLUE / PINK RUBBER MATERIAL	15% EXPOSED, SEVERELY RUSTED
177	UNKNOWN	UNKNOWN	POOR	0.97	-0.09	ORANGE TARP MATERIAL, 1/2 GAL. PLASTIC CONTAINER	20% EXPOSED, SEVERELY RUSTED
178	UNKNOWN	UNKNOWN	POOR	0.63	-0.09	CLEAR PLASTIC, FADED GREEN RUBBER MATERIAL	25% EXPOSED, SEVERLELY RUSTED
179	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	BURIED - 5% EXPOSED

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NEWBURGH, NEW YORK

DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
180	55	CLOSED	POOR	1.40	-0.08	UNKNOWN	BURIED - 5% EXPOSED
181	55	UNKNOWN	POOR	0.78	-0.09	FILLED WITH SOIL, DEBRIS	GREEN DRUM - 20% EXPOSED, RUSTED
182	55	UNKNOWN	POOR	0.94	-0.10	BLACK RUBBER / OVERFLOW SIDE	50% EXPOSED - SEVERELY RUSTED
183	UNKNOWN	UNKNOWN	POOR	0.78	-0.09	BLUE TARP	SEVERELY RUSTED, 5% EXPOSED - COVERED WITH DIRT - SPRAY PAINTED "183" WILL MOST LIKELY WASH AWAY - DRUM IS LOCATED DIRECTLY ADJACENT TO 182
184	55	OPEN	POOR	0.51	-0.09	CLEAR PLASTIC, YELLOW RUBBER MATERIAL, DRUM TOPS, LEAVES	100% EXPOSED
185	55	OPEN	POOR	0.48	-0.10	EMPTY	50% OF DRUM RUSTED OUT
186	55	OPEN	POOR	0.50	-0.10	CLEAR PLASTIC SHEET WITH YELLOW LIQUID (PAINT), DRY - 1/2 GAL. PLASTIC CONTAINER	80% EXPOSED
187	55	OPEN	POOR	0.47	-0.10	CLEAR PLASTIC AND BLACK PLASTIC SHEETING, LEAVES	80% EXPOSED
188	55	UNKNOWN	POOR	0.54	-0.09	BLACK, PINK RUBBER MATERIAL	75% EXPOSED - CRUSHED
189	55	UNKNOWN	POOR	0.47	0.0	LEAVES, BLACK/PINK RUBBER, CLEAR PLASTIC TARP MATERIAL, PLASTIC CONTAINER	MOST OF THE CONTENTS SPILLED IN FRONT OF DRUM - 100% EXPOSED, RUSTED
190	55	CLOSED	POOR	--	--	EMPTY	CRUSHED, RUSTED, 100% EXPOSED
191	UNKNOWN	OPEN	POOR	0.00	0.0	EMPTY	COMPLETELY CRUSHED
192	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	CRUSHED / BURIED - 10% EXPOSED
193	UNKNOWN	UNKNOWN	POOR	0.00	-0.01	LEAVES, DEBRIS	CRUSHED COMPLETELY
194	30	OPEN	POOR	--	--	UNKNOWN	COMPLETELY CRUSHED - 50% EXPOSED
* 195	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	COMPETELY CRUSHED - 5% EXPOSED
196	55	CLOSED	POOR	07.23	-0.25	UNKNOWN	RUSTED, CRUSHED, 100% EXPOSED
197	55	CLOSED	POOR	--	--	UNKNOWN	75% EXPOSED, CRUSHED
198	55	OPEN	POOR	0.00	-0.26	WHITE, MOLDED PAPER MATERIAL, DEBRIS	CRUSHED, BURIED UNDER TREE, 30% EXPOSED
199	55	CLOSED	POOR	0.00	0.27	CLEAR PLASTIC, YELLOW DRIED MATERIAL (PAINT)	CRUSHED, 80% EXPOSED
200	55	UNKNOWN	POOR	0.43	0.0	BLACK RUBBER, LEAVES	50% EXPOSED - RUSTED
201	55	OPEN	POOR	0.56	0.0	LEAVES	30% EXPOSED - BOTTOM RUSTED OUT
202	55	UNKNOWN	POOR	0.41	0.0	CLEAR PLASTIC, BLUE TARP, WHITE CLOTH, LEAVES	80% EXPOSED, TOP RUSTED OFF
203	55	OPEN	POOR	0.41	-0.0	LEAVES, WHITE RESIDUE INSIDE, CLEAR PLASTIC SPILL OUT IN FRONT	90% EXPOSED
204	55	OPEN	POOR	0.63	0.01	UNKNOWN	50% EXPOSED
205	55	UNKNOWN	POOR	(MOISTURE) 58.3	0.01	CLEAR PLASTIC CARBOYS, LEAVES, BLUE TARP	TOP RUSTED OFF - 90% EXPOSED
206	55	UNKNOWN	POOR	0.81	-0.05	LEAVES	90% EXPOSED, RUSTED
207	UNKNOWN	UNKNOWN	POOR	0.39	-0.03	PLASTIC CONTAINER TOPS, BLACK/PINK RUBBER	10% EXPOSED, SEVERELY RUSTED
* 208	UNKNOWN	UNKNOWN	POOR	0.53	-0.03	BLUE TARP, BLACK RUBBER	COMPLETELY CRUSHED - 20% EXPOSED

* example : * # 195 - crushed (sample size around ? -- depends on! ----

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209	UNKNOWN	UNKNOWN	POOR	0.43	-0.04	BLACK RUBBER, HARD WHITE PUTTY MATERIAL	20% EXPOSED - RUSTED
210	UNKNOWN	UNKNOWN	POOR	0.56	-0.03	LEAVES, BLACK RUBBER	30% EXPOSED - RUSTED
211	55	CLOSED	POOR	14.81	0.15	UNKNOWN	90% EXPOSED
212	UNKNOWN	UNKNOWN	UNKNOWN	0.57	-0.01	UNKNOWN	5% EXPOSED
213	UNKNOWN	UNKNOWN	POOR	0.42	-0.02	LEAVES	20% EXPOSED - SEVERELY RUSTED
214	55	CLOSED	POOR	0.47	-0.04	LEAVES	90% EXPOSED - RUSTED
215	55	CLOSED	POOR	0.55	-0.03	LEAVES	20% EXPOSED - SEVERELY RUSTED
216	55	OPEN	POOR	0.42	-0.03	LEAVES	50% EXPOSED
217	55	UNKNOWN	POOR	--	--	UNKNOWN	90% EXPOSED
218	55	CLOSED	POOR	--	--	UNKNOWN	50% EXPOSED - BURIED UNDER 214
219	55	OPEN	GOOD	--	--	UNKNOWN	BLACK DRUM
220	55	OPEN	POOR	0.59	0.03	EMPTY	CRUSHED, BLACK DRUM
221	55	OPEN	POOR	0.36	-0.03	WHITE CLOTH / RUBBER MATERIAL	CRUSHED
222	55	OPEN	POOR	2.03	0.01	UNKNOWN	75% EXPOSED - RUSTED
223	55	OPEN	POOR	--	--	UNKNOWN	80% EXPOSED - RUSTED
224	55	OPEN	POOR	--	--	UNKNOWN	90% EXPOSED - RUSTED
225	55	OPEN	POOR	0.73	-0.04	UNKNOWN	90% EXPOSED - RUSTED
226	55	OPEN	POOR	0.49	-0.05	BLACK/PINK/BLUE RUBBER MATERIAL	100% EXPOSED - RUSTED
227	55	OPEN	POOR	0.48	-0.05	UNKNOWN	100% EXPOSED - RUSTED, UNDER 225
228	55	UNKNOWN	POOR	--	--	UNKNOWN	BURIED UNDER 226
229	55	UNKNOWN	POOR	--	--	UNKNOWN	BURIED - 10% EXPOSED
230	55	UNKNOWN	POOR	--	--	UNKNOWN	100% EXPOSED
231	55	OPEN	POOR	0.98	-0.03	UNKNOWN	BLUE TANK, RUSTED - 90% EXPOSED
232	55	OPEN	POOR	1.57	-0.04	UNKNOWN	100% EXPOSED - RUSTED
233	55	OPEN	POOR	0.34	-0.04	LEAVES	CRUSHED, RUSTED
234	55	OPEN	GOOD	--	--	UNKNOWN	GALVINIZED STEEL (CONVEX SHAPED DRUM)
235	UNKNOWN	UNKNOWN	POOR	0.82	-0.05	BLACK RUBBER, LEAVES	10% EXPOSED, RUSTED
236	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	BURIED - 15% EXPOSED
237	UNKNOWN	OPEN	POOR	--	--	BLUE TARP, FILLED WITH SOIL &	10% EXPOSED - RUSTED
238	UNKNOWN	OPEN	POOR	0.52	0.03	UNKNOWN	5% EXPOSED - CRUSHED
239	UNKNOWN	UNKNOWN	UNKNOWN	--	--	UNKNOWN	5% EXPOSED
240	55	CLOSED	POOR	0.84	-0.24	UNKNOWN	LABEL ILLEGIBLE, 100% EXPOSED
241	UNKNOWN	UNKNOWN	POOR	0.66	-0.15	UNKNOWN	CRUSHED, BURIED
242	55	CLOSED	POOR	0.46	-0.08	WHITE CLOTH, VARIOUS PLASTIC MATERIAL	RUSTED 50%, 100% EXPOSED
243	55	UNKNOWN	POOR	--	--	UNKNOWN	40% EXPOSED, RUSTED
244	55	UNKNOWN	POOR	0.51	-0.08	EMPTY	CRUSHED, RUSTED OUT ON BOTTOM
245	55	UNKNOWN	POOR	0.72	-0.04	EMPTY	CRUSHED, RUSTED OUT
246	UNKNOWN	UNKNOWN	POOR	0.61	-0.04	EMPTY	COMPLETELY CRUSHED (PORTION OF TANK)
247	55	UNKNOWN	POOR	--	--	UNKNOWN	BURIED - 10% EXPOSED
248	UNKNOWN	UNKNOWN	UNKNOWN	--	--	FILLED WITH SOIL, DEBRIS	RUSTED OUT COMPLETELY
249	UNKNOWN	OPEN	POOR	--	--	LEAVES, GRASS, DIRT	RUSTED OUT COMPLETELY, 20% EXPOSED, IN PILE OF SOIL NEAR TREE, BACK RIGHT SIDE OF AREA
250	55	OPEN	POOR	0.33	-0.04	SOIL, LEAVES, DEBRIS	RUSTED - 80% EXPOSED

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251	55	OPEN	POOR	0.40	-0.05	LEAVES, SOIL, DEBRIS	80% EXPOSED - CRUSHED
252	55	OPEN	POOR	0.83	-0.04	UNKNOWN	50% EXPOSED - RUSTED
253	55	OPEN	POOR	0.50	-0.07	LEAVES	50% - CRUSHED, RUSTED
254	30	OPEN	POOR	0.34	-0.096	LEAVES, SOIL, DEBRIS	100% EXPOSED - RUSTED
255	55	CLOSED	POOR	0.37	-0.08	UNKNOWN	CRUSHED, RUSTED
256	55	CLOSED	UNKNOWN	--	--	UNKNOWN	BURIED, 15% EXPOSED
257	35	OPEN	POOR	0.00	-0.25	UNKNOWN	75% EXPOSED, BURIED, CRUSHED
258	55	OPEN	POOR	0.00	-0.25	BRICKS, LEAVES, DEBRIS	75% EXPOSED, RUSTED
259	55	CLOSED	POOR	0.00	-0.27	UNKNOWN	75% EXPOSED, RUSTED
260	55	OPEN	POOR	0.00	-0.27	SOILS, DEBRIS, GARBAGE	75% EXPOSED, RUSTED OUT
261	55	CLOSED	POOR	0.00	-0.30	UNKNOWN	90% EXPOSED
262	55	OPEN	POOR	0.00	-0.28	LEAVES, DEBRIS	50% EXPOSED
263	55	OPEN	POOR	0.00	-0.27	FILLED WITH SOIL, REST UNKNOWN	BURIED, 50% EXPOSED
264	55	CLOSED	POOR	0.00	-0.27	CLEAR PLASTIC, YELLOW DRIED MATERIAL (PAINT)	50% EXPOSED, CRUSHED
265	55	CLOSED	POOR	0.00	-0.32	CLEAR PLASTIC, YELLOW, GREY POWDER	75% CLOTHES AND DEBRIS
266	55	CLOSED	POOR	--	--	CRUSHED, UNKNOWN	COULD NOT GAIN ACCESS, PHOTOGRAPH TAKEN
267	55	OPEN	POOR	5.44	0.40	1/2 GAL. PLASTIC CONTAINER, BLUE TARP	CRUSHED
268	55	OPEN	POOR	0.00	-0.35	BLUE TARP, WHITE TARP, 5 GAL. CAN, LEAVES	100% EXPOSED - COVERED BY TREE
269	55	OPEN	POOR	0.00	-0.28	HARD BLACK RUBBER / TAR / ASPHALT, BLACK/GREEN TARP	50% EXPOSED
270	55	CLOSED		--	--	UNKNOWN	10% EXPOSED
271	55	CLOSED	POOR	0.00	-0.33	UNKNOWN	20% EXPOSED, RUSTED
272	55	UNKNOWN	UNKNOWN	0.00	-0.33	UNKNOWN	1% EXPOSED
273	55	OPEN	POOR	0.00	-0.32	BLACK TAR, LEAVES	5% EXPOSED, BURIED, RUSTED
274	UNKNOWN	UNKNOWN	POOR	0.00	-0.32	BROWN TARP, BLACK/GREEN	5% EXPOSED, COMPLETELY CRUSHED
275	55	UNKNOWN	POOR	0.00	-0.33	UNKNOWN	5% EXPOSED, BURIED
276	55	CLOSED	POOR	0.00	-0.32	UNKNOWN	COMPLETELY CRUSHED / 100% EXPOSED
277	55	UNKNOWN	POOR	--	--	EMPTY	RUSTED OUT, CRUSHED
278	55	OPEN	POOR	0.00	-0.33	EMPTY	RUSTED OUT, 100% EXPOSED
279	55	OPEN	POOR	0.00	-0.34	LEAVES, DEBRIS, RUSTED OUT	100% EXPOSED, CRUSHED
280	55	OPEN	POOR	0.00	-0.34	LEAVES, EMPTY	RUSTED OUT, 100% EXPOSED
281	55	OPEN	POOR	0.00	0.27	LEAVES, EMPTY	RUSTED OUT, 100% EXPOSED
282	55	OPEN	POOR	0.00	-0.29	5 GAL. BUCKET TOP, LEAVES	GREEN DRUM, RUSTED OUT, 100% EXPOSED
283	55	CLOSED	POOR	0.00	0.88	UNKNOWN	CRUSHED, RUSTED, 100% EXPOSED
284	55	OPEN	POOR	0.00	-0.34	DEBRIS, LEAVES	RUSTED OUT, 100% EXPOSED
285	55	OPEN	POOR	0.00	-0.35	DEBRIS, LEAVES	RUSTED OUT, 20% EXPOSED, CRUSHED
286	55	CLOSED	POOR	--	--	UNKNOWN	CRUSHED, BURIED UNDER TREES, 50% EXPOSED
287	UNKNOWN	UNKNOWN	POOR	0.00		LEAVES, DEBRIS	COMPLETELY CRUSHED, 10% EXPOSED
288	55	OPEN	POOR	--	--	LEAVES, DEBRIS, BLACK RUBBER / TAR	BURIED, 10% EXPOSED
289	55	CLOSED	POOR	--	--	UNKNOWN	90% EXPOSED, COVERED WITH DEBRIS
290	55	CLOSED	POOR	--	--	UNKNOWN	COMPLETELY CRUSHED

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291	55	CLOSED	POOR	0.00	-0.3	UNKNOWN	100% EXPOSED, RUSTED
292	55	CLOSED	POOR	--	--	UNKNOWN / YELLOW TANK	100% EXPOSED, RUSTED
293	55	CLOSED	POOR	0.00	-0.35	UNKNOWN / BLUE PLASTIC DRUM	100% EXPOSED
294	55	CLOSED	POOR	--	--	UNKNOWN	COMPLETELY CRUSHED
295	55	CLOSED	POOR	--	--	UNKNOWN	LABELLED "QUAKER STATE ATF"
296	55	CLOSED	POOR	--	--	UNKNOWN	10% EXPOSED, BURIED
297	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	1% EXPOSED
298	55	CLOSED	POOR	--	--	UNKNOWN	100% EXPOSED
299	55	UNKNOWN	POOR	0.00	-0.03	UNKNOWN	80% EXPOSED, RUSTED
300	55	CLOSED	POOR	--	--	UNKNOWN	100% EXPOSED, RUSTED
301	55	CLOSED	POOR	0.00	0.11	UNKNOWN	100% EXPOSED, CRUSHED
302	55	OPEN	POOR	--	--	UNKNOWN	CRUSHED, BURIED IN DEBRIS
303	550	--	--	--	--	UNKNOWN	550-GAL. UNDERGROUND STORAGE TANK
304	55	OPEN	POOR	0.00	-0.31	DEBRIS	RUSTED OUT
305	55	OPEN	POOR	0.00	-0.31	BLUE TARP & DEBRIS	95% EXPOSED, RUSTED OUT
306	55	UNKNOWN	POOR	0.00	-0.36	UNKNOWN	20% EXPOSED, RUSTED
307	55	OPEN	POOR	0.00	-0.34	BLUE TARP, ORANGE PAINT	100% EXPOSED
308	55	OPEN	POOR	0.00	-0.33	BLUE TARP & DEBRIS	85% EXPOSED, RUSTED
309	55	UNKNOWN	POOR	0.00	-0.35	UNKNOWN	25% EXPOSED, RUSTED
310	55	OPEN	POOR	0.00	-0.34	BLUE TARP & DEBRIS	95% EXPOSED, RUSTED
311	55	OPEN	POOR	0.00	-0.32	ORANGE TARP & DEBRIS	80% EXPOSED, RUSTED
312	55	OPEN	POOR	0.00	-0.31	CLEAR PLASTIC & DEBRIS	100% EXPOSED, RUSTED
313	55	OPEN	POOR	0.00	-0.36	BLACK TAR & DEBRIS	100% EXPOSED, RUSTED
314	55	OPEN	POOR	0.00	-0.34	DEBRIS	50% EXPOSED, RUSTED
315	55	OPEN	POOR	0.00	-0.32	DEBRIS	75% EXPOSED, RUSTED
316	55	OPEN	POOR	0.00	-0.34	BLUE TARP & DEBRIS	100% EXPOSED, RUSTED
317	55	OPEN	POOR	0.00	-0.34	BLUE TARP & DEBRIS	50% EXPOSED, COVERED BY DRUMS
318	55	OPEN	POOR	0.00	-0.33	DRUM INSIDE W/ BLUE TARP	75% EXPOSED, RUSTED
319	55	OPEN	POOR	0.00	-0.33	ORANGE COLOR HARD PUTTY	80% EXPOSED, RUSTED
320	55	OPEN	POOR	0.00	-0.32	GREYISH POWDER & DEBRIS	100% EXPOSED, RUSTED
321	55	OPEN	POOR	0.00	-0.35	PINK PLASTIC & DEBRIS	100% EXPOSED, RUSTED
322	55	OPEN	POOR	0.00	-0.33	BLUE TARP & DEBRIS	100% EXPOSED, RUSTED
323	55	OPEN	POOR	0.00	-0.34	PINK PLASTIC & DEBRIS	100% EXPOSED, RUSTED
324	55	OPEN	POOR	0.00	-0.34	BLUE TARP & DEBRIS	100% EXPOSED, RUSTED
325	55	OPEN	POOR	0.00	-0.33	BLUE & CLEAR TARP / DEBRIS	100% EXPOSED, RUSTED
326	55	OPEN	POOR	0.00	-0.34	DEBRIS	100% EXPOSED, RUSTED
327	55	OPEN	POOR	0.00	-0.33	PINK PLASTIC & DEBRIS	100% EXPOSED, RUSTED
328	55	OPEN	POOR	0.00	-0.34	DEBRIS	100% EXPOSED, RUSTED
329	55	OPEN	POOR	0.00	-0.36	BLACK RUBBER & DEBRIS	100% EXPOSED, RUSTED
330	55	OPEN	POOR	0.00	-0.35	BLUE/PINK TARP & DEBRIS	100% EXPOSED, RUSTED
331	55	OPEN	POOR	0.00	-0.35	UNKNOWN	COVERED BY DEBRIS
332	55	OPEN	POOR	0.00	-0.35	1/2 GAL. PLASTIC CONTAINERS, LEAVES, DEBRIS	25% EXPOSED, BURIED UNDER TREE
333	55	OPEN	POOR	0.00	-0.37	BLACK RUBBER RESIDUE, LEAVES, DEBRIS	100% EXPOSED, BOTTOM RUSTED OUT

TABLE 1
DRUM INVENTORY
CITY OF NEWBURGH DPW LANDFILL
NEWBURGH, NEW YORK

DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
334	55	OPEN	POOR	0.00	-0.36	BLUE / CLEAR PLASTIC TARP MATERIAL, LEAVES, DEBRIS	100% EXPOSED, SEVERELY RUSTED
335	55	CLOSED	POOR	--	--	UNKNOWN	BLACK DRUM / YELLOW TOP LABELLED "STONY MULLER, LYNDHURST, NJ" / CRUSHED
336	55	CLOSED	POOR	--	--	UNKNOWN	25% EXPOSED, BURIED
337	55	OPEN	POOR	0.00	0.04	BLUE TARP	35% EXPOSED, RUSTED
338	55	UNKNOWN	POOR	0.00	-0.25	PINK / CLEAR TARP MATERIAL	SEVERELY RUSTED, 100% EXPOSED
339	55	UNKNOWN	POOR	0.00	-0.18	LEAVES, DEBRIS, 5 GAL. PAINT CAN	CRUSHED, RUSTED OUT
340	55	UNKNOWN	UNKNOWN	0.00	-0.34	UNKNOWN	GREEN DRUM - 10% EXPOSED, BURIED
341	55	UNKNOWN	POOR	0.00	-0.33	UNKNOWN	GREEN DRUM - BURIED TOP DOWN, 25% EXPOSED
342	55	UNKNOWN	POOR	0.00	-0.23	UNKNOWN	SEVERELY RUSTED, BURIED, 50% EXPOSED
343	55	UNKNOWN	POOR	0.00	-0.23	CLEAR PLASTIC TARP MATERIAL, BLACK RUBBER	BURIED TOP DOWN, SEVERELY RUSTED, 25% EXPOSED
344	55	OPEN	POOR	0.00	-0.35	LEAVES, BLACK RUBBER MATERIAL	SEVERELY RUSTED, 60% EXPOSED
345	55	UNKNOWN	UNKNOWN	0.00	-0.32	BLACK RUBBER MATERIAL, BLUE TARP, LEAVES	75% EXPOSED, SEVERELY RUSTED
346	55	UNKNOWN	POOR	0.00	0.51	LEAVES, DEBRIS	10% DRUM REMAINS, SEVERELY RUSTED
347	55	OPEN	POOR	0.00	-0.28	LEAVES, BLACK RUBBER RESIDUE ON SIDE OF DRUMS	SEVERELY RUSTED, CRUSHED, 50% EXPOSED
348	55	UNKNOWN	POOR	--	--	UNKNOWN	15% EXPOSED, RUSTED, BURIED UNDER TREE
349	55	OPEN	POOR	0.00	-0.32	WHITE / BLACK RUBBER RESIDUE, LEAVES	SEVERELY RUSTED, CRUSHED
350	55	OPEN	POOR	0.00	-0.35	BLACK RUBBER RESIDUE, LEAVES	RUSTED, CRUSHED, 100% EXPOSED
351	55	UNKNOWN	POOR	0.00	-0.35	BLUE TARP MATERIAL, LEAVES	SEVERELY RUSTED, BURIED TOPDOWN, 70% EXPOSED
352	UNKNOWN	UNKNOWN	POOR	0.00	-0.32	UNKNOWN	BURIED TOPDOWN 10% EXPOSED
353	55	OPEN	POOR	0.00	-0.35	BLUE TARP, WHITE RUBBER MATERIAL, LEAVES, DEBRIS	100% EXPOSED, CRUSHED, RUSTED
354	55	OPEN	POOR	0.00	-0.36	CLEAR PLASTIC MATERIAL	100% EXPOSED, CRUSHED, RUSTED
355	55	UNKNOWN	POOR	0.00	-0.36	BLUE TARP, BLACK RUBBER RESIDUE, LEAVES, DEBRIS	100% EXPOSED, 50% RUSTED OUT, GREEN DRUM
356	55	OPEN	POOR	0.00	+0.01	CLEAR PLASTIC TARP, ORANGE RESIDUE	20% EXPOSED, BURIED, AQUA GREEN DRUM
357	UNKNOWN	UNKNOWN	POOR	0.00	-0.35	PINK TARP / RUBBER MATERIAL	CRUSHED COMPLETELY, 100% EXPOSED
358	UNKNOWN	UNKNOWN	POOR	0.00	-0.37	ORANGE / CLEAR TARP MATERIAL, LEAVES	50% EXPOSED, SEVERELY RUSTED
359	UNKNOWN	OPEN	POOR	0.00	-0.36	BLUE TARP, CLEAR PLASTIC, LEAVES	20% EXPOSED, SEVERELY RUSTED
360	55	OPEN	POOR	0.00	-0.34	BLUE TARP, CLEAR PLASTIC	50% EXPOSED, BOTTOM RUSTED OUT
361	UNKNOWN	OPEN	POOR	0.00	-0.34	BLUE / CLEAR TARP, BLACK PLASTIC	CRUSHED COMPLETELY, 20% EXPOSED
362	55	OPEN	POOR	0.00	-0.34	LEAVES, WHITE POWDER, BLUE/CLEAR TARP MATERIAL	100% EXPOSED, RUSTED OUT
363	55	OPEN	POOR	0.00	-0.36	LEAVES, BLUE TARP, CLEAR PLASTIC, 1/2 GAL. CONTAINERS / BLACK RUBBER RESIDUE OVERFLOW SIDES	75% EXPOSED
364	55	UNKNOWN	POOR	--	--	UNKNOWN	BURIED TOP DOWN, BLACK DRUM

TABLE 1
DRUM INVENTORY
CITY OF NEWBURGH DPW LANDFILL
NEWBURGH, NEW YORK

DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
365	55	OPEN	POOR	0.00	-0.36	ORANGE RUBBER RESIDUE, CLEAR PLASTIC, LEAVES, DEBRIS	CRUSHED, RUSTED SEVERELY, 50% EXPOSED
366	55	UNKNOWN	POOR	0.00	-0.35	BLACK RUBBER RESIDUE, LEAVES	50% EXPOSED, SEVERELY RUSTED
367	55	UNKNOWN	POOR	0.00	-0.35	30-GALLON BLACK DRUM, LEAVES	30% EXPOSED, SEVERELY RUSTED
368	55	OPEN	POOR	0.00	-0.36	ORANGE/BLACK/CLEAR PLASTIC, LEAVES, DEBRIS	100% EXPOSED, 50% RUSTED OUT
369	30	OPEN	POOR	0.00	-0.35	BLUE TARP	GREEN DRUMS, 50% RUSTED OUT
370	UNKNOWN	UNKNOWN	POOR	0.00	-0.37	EMPTY	10% EXPOSED, 10% OF DRUM REMAINS, RUSTED
371	55	CLOSED	POOR	0.00	-0.38	BLACK RUBBER MATERIAL, CLEAR PLASTIC	100% EXPOSED, GREEN DRUM
372	55	CLOSED	POOR	--	--	UNKNOWN	WHITE TOPS, RUSTED
373	UNKNOWN	OPEN	POOR	0.00	-0.37	1/2 GAL. CONTAINERS, BLACK PLASTIC, RUBBER	20% EXPOSED, 20% REMAINS
374		UNKNOWN	POOR	--	--	LEAVES, DEBRIS, BLACK RUBBER, GARBAGE	20% EXPOSED, 20% REMAINS
375	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	25% EXPOSED, BURIED
376	55	OPEN	POOR	0.00	-0.35	BLACK RUBBER, CLEAR PLASTIC, LEAVES	75% EXPOSED, RUSTED
377	55	OPEN	POOR	0.00	-0.37	BLUE/WHITE TARP, PINK RUBBER MAT	SEVERELY RUSTED, 100% EXPOSED
378	55	OPEN	POOR	0.00	-0.38	BLACK/WHITE TARP, PINK RUBBER, 1/2 GAL. CONTAINER	50% EXPOSED
379	30	OPEN	POOR	0.00	-0.37	BLUE/CLEAR TARP, LEAVES	CRUSHED, RUSTED, GREEN DRUM
380	55	OPEN	POOR	0.00	-0.36	GARBAGE, LEAVES	50% EXPOSED, BURIED, RUSTED
381	55	OPEN	POOR	0.00	-0.37	BLUE TARP	75% EXPOSED, RUSTED
382	55	OPEN	POOR	0.00	-0.35	BLACK RUBBER RESIDUE, CLEAR PLASTIC	100% EXPOSED - SEVERELY RUSTED
383	55	OPEN	POOR	0.00	-0.36	BLUE TARP, BLACK RUBBER, GARBAGE	25% EXPOSED
384	UNKNOWN	OPEN	POOR	0.00	-0.40	BLACK RUBBER, CLEAR PLASTIC	20% EXPOSED, RUSTED
385	55	OPEN	POOR	0.00	-0.36	BLUE TARP, BLACK/PINK/GREEN RUBBER, 1/2 GAL. CONTAINER	100% EXPOSED, RUSTED
386	55	UNKNOWN	POOR	0.00	-0.37	UNKNOWN	BURIED TOP DOWN, 25% EXPOSED
387	UNKNOWN	UNKNOWN	POOR	0.00	-0.36	BLUE TARP, WHITE/BLACK PLASTIC	SEVERELY RUSTED, 30% REMAINS
388	UNKNOWN	UNKNOWN	POOR	0.00	-0.36	LEAVES	50% REMAINS, 100% EXPOSED
389	55	OPEN	POOR	0.00	-0.36	BLUE/ BLACK TARP, BLACK RUBBER	50% EXPOSED, SEVERELY RUSTED
390	55	OPEN	POOR	0.00	-0.35	BLACK/CLEAR TARP, BLACK RUBBER	100% EXPOSED, RUSTED, CRUSHED
391	55	OPEN	POOR	0.00	-0.37	BLUE TARP, PINK RUBBER, CLEAR PLASTIC, LEAVES	30% EXPOSED - SEVERELY RUSTED
392	30	OPEN	POOR	0.00	-0.40	BLACK RUBBER RESIDUE	100% EXPOSED
393	UNKNOWN	UNKNOWN	POOR	0.00	-0.36	LEAVES, DEBRIS, CLEAR PLASTIC	SEVERELY RUSTED
394	UNKNOWN	OPEN	POOR	0.00	-0.38	BLUE TARP	10% EXPOSED, SEVERELY RUSTED
395	55	UNKNOWN	POOR	0.00	-0.37	CLEAR/BLUE TARP, PINK, CLEAR, BLACK RUBBER	100% EXPOSED, SEVERELY RUSTED
396	UNKNOWN	UNKNOWN	UNKNOWN	--	--	UNKNOWN	WHITE, TOP RUSTED
397	UNKNOWN	UNKNOWN	POOR	0.00	-0.36	LEAVES, DEBRIS, GARBAGE	25% EXPOSED, SEVERLELY RUSTED
398	UNKNOWN	UNKNOWN	POOR	0.00	-0.37	UNKNOWN	COMPLETELY CRUSHED, BURIED

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TABLE 1
DRUM INVENTORY
CITY OF NEWBURGH DPW LANDFILL
NEWBURGH, NEW YORK

DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
399	55	OPEN	POOR	0.00	-0.37	WHITE RUBBER RESIDUE, LEAVES	SEVERELY CRUSHED, 50% EXPOSED
400	55	OPEN	POOR	0.00	-0.37	BLUE TARP, BLACK RUBBER, WHITE CLOTH, 1/2 GAL. CONTAINER	100% EXPOSED, SEVERELY RUSTED
401	55	UNKNOWN	UNKNOWN	0.00	-0.38	BLACK RUBBER, MOLD ON INSIDE OF DRUM, PLASTIC	SEVERELY CRUSHED, 50% EXPOSED
402	55	OPEN	POOR	0.00	-0.37	BLACK RUBBER RESIDUE	100% EXPOSED, SEVERELY RUSTED
403	55	OPEN	POOR	0.00	-0.36	BLACK RUBBER RESIDUE, LEAVES	CRUSHED, RUSTED
404	55	OPEN	POOR	0.00	-0.39	BLACK RUBBER RESIDUE	RUSTED OUT ON BOTTOM, 100% EXPOSED
405	UNKNOWN	UNKNOWN	POOR	0.00	-0.38	BLUE TARP MATERIAL, PINK RUBBER, LEAVES	100% EXPOSED, SEVERELY RUSTED
406	55	OPEN	POOR	0.00	-0.37	BLACK/PINK RUBBER RESIDUE, CLEAR TARP, LEAVES, DEBRIS	100% EXPOSED, SEVERELY RUSTED
407	55	UNKNOWN	POOR	0.00	-0.38	BLUE TARP, CLEAR TARP, 1/2 GAL. CONTAINER	ALMOST COMPLETELY CRUSHED, 70% EXPOSED
408	30	OPEN	POOR	0.00	-0.38	WHITE CLOTH, CLEAR/BLACK PLASTIC, 1/2 GAL. CONTAINERS	GREEN DRUM, 100% EXPOSED
409	55	OPEN	POOR	0.00	-0.37	1/2 GAL. CONTAINER, BLUE TARP	75% EXPOSED, SEVERELY RUSTED
410	55	CLOSED	POOR	0.00	-0.38	UNKNOWN	GREEN DRUM, 100% EXPOSED, RUSTED
411	UNKNOWN	UNKNOWN	POOR	0.00	-0.35	GREEN/PINK/BLACK RUBBER, LEAVES	75% EXPOSED, SEVERELY RUSTED
412	UNKNOWN	UNKNOWN	POOR	0.00	-0.38	LEAVES, DEBRIS, WATER	25% EXPOSED, 25% REMAINS
413	55	UNKNOWN	POOR	0.00	-0.38	BLUE/CLEAR TARP, PINK/BLACK RUBBER, LEAVES	75% EXPOSED, SEVERELY RUSTED
414	30	UNKNOWN	POOR	0.00	-0.36	BLUE TARP MATERIAL	100% EXPOSED, RUSTED
415	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	5% EXPOSED
416	UNKNOWN	UNKNOWN	POOR	0.00	-0.39	CLEAR PLASTIC, BLACK RUBBER RESIDUE	SEVERELY RUSTED, 50% REMAINS, 100% EXPOSED
417	UNKNOWN	UNKNOWN	POOR	0.00	-0.38	UNKNOWN	20% EXPOSED, BURIED, TOP CLEAR
418	UNKNOWN	UNKNOWN	POOR	0.00	-0.38	BLACK RUBBER RESIDUE	100% EXPOSED, BURIED
419	30	OPEN	POOR	0.00	-0.34	BLACK RUBBER, LEAVES	BLUE DRUM, SEVERELY RUSTED
420	55	OPEN	POOR	0.00	-0.36	CLEAR PLASTIC TARP	50% EXPOSED, SEVERELY RUSTED
421	UNKNOWN	OPEN	POOR	0.00	-0.36	CLEAR PLASTIC, BLACK/PINK RUBBER, LEAVES	20% EXPOSED, CRUSHED
422	UNKNOWN	UNKNOWN	POOR	0.00	-0.36	PINK RUBBER, BLUE/CLEAR TARP	SEVERELY RUSTED, 25% REMAINS, 100% EXPOSED
423	UNKNOWN	UNKNOWN	POOR	0.00	-0.36	BLACK RUBBER LEAVES	25% EXPOSED, RUSTED, BURIED
424	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	10% EXPOSED
425	55	UNKNOWN	POOR	0.00	-0.39	ORANGE RUBBER RESIDUE	SEVERELY RUSTED, 50% EXPOSED
426	55	OPEN	POOR	0.00	-0.36	BLACK/CLEAR PLASTIC, BLUE TARP	BLACK DRUM, SEVERELY RUSTED, 100% EXPOSED
427	30	OPEN	POOR	0.00	-0.39	BLACK RUBBER RESIDUE, 1/2 GAL. CONTAINER	GREEN DRUM, 100% EXPOSED, RUSTED
428	55	OPEN	POOR	0.00	-0.34	LEAVES, DEBRIS	100% EXPOSED, RUSTED
429	UNKNOWN	OPEN	POOR	0.00	-0.35	BLACK RUBBER RESIDUE	100% EXPOSED, SEVERELY RUSTED
430	55	OPEN	POOR	0.00	-0.37	CLEAR TARP, 1/2 GAL. CONTAINER	BLACK DRUM, 75% EXPOSED
431	30	CLOSED	POOR	0.00	-0.38	PINK/GREEN RUBBER	70% EXPOSED, RUSTED
432	55	OPEN	POOR	0.00	-0.38	SOIL	CRUSHED, SEVERELY RUSTED
433	UNKNOWN	OPEN	GOOD	--	--	DRUM TOP ONLY	

TABLE 1
DRUM INVENTORY
CITY OF NEWBURGH DPW LANDFILL
NEWBURGH, NEW YORK

DRUM NUMBER	CAPACITY (Gallons)	Type (O)pen or (C)losed)	Condition (G)ood or (P)oor	PID (ppm)	FID (ppm)	Contents	Comments
434	55	OPEN	POOR	0.00	-0.36	BLACK/WHITE RUBBER	RUSTED, 100% EXPOSED
435	55	OPEN	POOR	0.00	-0.34	BLACK RUBBER RESIDUE, LEAVES	100% EXPOSED, SEVERELY RUSTED
436	55	OPEN	POOR	--	--	BLACK PLASTIC, RUBBER MATERIAL	70% EXPOSED, BURIED BY TREES
437	55	OPEN	POOR	--	--	UNKNOWN	25% EXPOSED
438	55	UNKNOWN	POOR	0.00	-0.34	BLUE/PINK/WHITE RUBBERY PAPER MATERIAL	SEVERELY RUSTED, 20% EXPOSED
439	55	OPEN	POOR	0.00	-0.34	DIRT, NOT NATURAL SOIL	RUSTED, 100% EXPOSED
440	55	OPEN	POOR	--	--	UNKNOWN	100% EXPOSED, RUSTED
441	55	OPEN	POOR	--	--	UNKNOWN	BLACK DRUM, CRUSHED, 70% EXPOSED
442	55	OPEN	POOR	--	--	UNKNOWN	100% EXPOSED, RUSTED
443	55	OPEN	POOR	0.00	-0.39	10 GAL. PAINT DUPONT CAN, BLUE TARP, WHITE/PINK/BLUE RUBBER, 1/2 GAL. CONTAINERS	10% EXPOSED, RUSTED
444	55	OPEN	POOR	--	--	UNKNOWN	UNDER TREE, 100% EXPOSED
445	55	OPEN	POOR	0.00	-0.36	UNKNOWN / EMPTY	BOTTOM RUSTED OUT, 75% EXPOSED, 50%
446	55	OPEN	POOR	0.00	-0.37	DIRT, NOT NATURAL SOIL, BLACKISH, GRAY FINE GRAVEL, SAME AS THAT FOUND IN 439	70% EXPOSED, RUSTED SEVERELY
447	55	OPEN	POOR	0.00	-0.36	UNKNOWN	CRUSHED
448	55	OPEN	POOR	--	--	UNKNOWN	CRUSHED, 75% EXPOSED
449	55	UNKNOWN	POOR	--	--	UNKNOWN	CRUSHED, 15% EXPOSED, BURIED BY TREES
450	UNKNOWN	UNKNOWN	POOR	--	--	UNKNOWN	BURIED, CRUSHED, 1% EXPOSED
451	UNKNOWN	UNKNOWN	UNKNOWN	--	--	UNKNOWN	BURIED, CRUSHED, 5% EXPOSED
452	UNKNOWN	UNKNOWN	UNKNOWN	0.00	-0.40	UNKNOWN	BURIED, CRUSHED, 5% EXPOSED
453	55	OPEN	UNKNOWN	0.00	-0.37	LEAVES, DEBRIS	50% EXPOSED, RUSTED
454	55	UNKNOWN	POOR	0.00	0.38	LEAVES, DEBRIS	50% EXPOSED, SEVERELY RUSTED
455	UNKNOWN	UNKNOWN	UNKNOWN	--	--	UNKNOWN	BURIED, CRUSHED, 10% EXPOSED
456	55	OPEN	POOR	0.00	-0.38	CLEAR PLASTIC, PINK RUBBER, 1/2 GAL. CONTAINER	50% EXPOSED, SEVERELY RUSTED

-- = P.I.D. / F.I.D. READINGS NOT TAKEN; DRUM INACCESSIBLE.
GOOD versus POOR refers to whether the drum is is expected to be DOT-shippable if necessary

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* Total # of drums/tanks/containers "not" sampled and given ID= 29

SUMMARY OF DRUM SAMPLING RESULTS
CITY OF NEWBURGH LANDFILL
NEWBURGH, NEW YORK

Analyte	CAS #	TCLP Criteria Hazardous level (mg/l)	TCLP Criteria EPA Waste #	Client Sample ID: SAMPLE 001 Veritech Sample ID: AB57867 Sampling Date: 05/22/2002 Units: mg/L	SAMPLE 002 AB57868 05/22/2002 mg/L	SAMPLE 003 AB57869 05/22/2002 mg/L	SAMPLE 004 AB57870 05/22/2002 mg/L	SAMPLE 005 AB57871 05/22/2002 mg/L	SAMPLE 006 AB57872 05/22/2002 mg/L	SAMPLE 007 AB57873 05/22/2002 mg/L	SAMPLE 008 AB57874 05/22/2002 mg/L
Arsenic	7440-38-2	5.0	D004	U	U	U	U	1.1	U	U	U
Barium	7440-39-3	100.0	D005	0.59	0.44	U	90	0.34	0.62	5.1	0.45
Cadmium	7440-43-9	1.0	D006	U	U	U	U	U	U	U	U
Chromium	7440-47-3	5.0	D007	U	U	U	U	U	U	5.5	U
Lead	7439-92-1	5.0	D008	0.42	1.4	U	U	2.4	U	120	U
Mercury	7439-97-6	0.2	D009	U	U	U	U	U	U	U	U
Nickel	7440-02-0	NA	NA	U	U	U	U	1.1	U	U	U
Selenium	7782-49-2	1.0	D010	U	U	U	U	U	U	0.73	U
Silver	7440-22-4	5.0	D011	U	U	U	U	U	U	U	U

mg/L Milligrams per Liter, equivalent to parts per million
U Not detected at the method detection limit
NA Not Analyzed

Sample #	Description	Representative Drums
001 =	Plastic coated fabric	028, 100, 143, 177 & 311
002 =	Plastic resins/rubber	029, 098, 150, 209, 413 & 443
003 =	Hard putty like material	018
004 =	Molded paper like material	150, 198 & 311
005 =	White powder	362
006 =	Gray powder	320
007 =	Soil like material	434 & 446
008 =	Yellow/orange paint like material	040, 186, 246 & 307

SUMMARY OF DRUM SAMPLING RESULTS
CITY OF NEWBURGH LANDFILL
NEWBURGH, NEW YORK

Analyte	CAS #	TCLP Criteria Hazardous level (mg/l)	EPA Waste #	Client Sample ID: SAMPLE 001	SAMPLE 002	SAMPLE 003	SAMPLE 004	SAMPLE 005	SAMPLE 006	SAMPLE 007	SAMPLE 008
				Veritech Sample ID: AB57867	AB57868	AB57869	AB57870	AB57871	AB57872	AB57873	AB57874
				Sampling Date: 05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002
				Units: mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Chlordane	57-74-9	0.03	D020	NA	U	U	NA	NA	NA	U	NA
Endrin	72-20-8	0.02	D012	NA	U	U	NA	NA	NA	U	NA
Gamma-BHC	58-89-9	0.4	D013	NA	U	U	NA	NA	NA	U	NA
Heptachlor	76-44-8	0.008	D031	NA	U	U	NA	NA	NA	U	NA
Heptachlor Epoxide	1024-57-3	0.008	NA	NA	U	U	NA	NA	NA	U	NA
Methoxychlor	72-43-5	10.0	D014	NA	U	U	NA	NA	NA	U	NA
Toxaphene	8001-35-2	0.5	D015	NA	U	U	NA	NA	NA	U	NA
2,4-D	94-75-7	10.0	D016	NA	U	U	NA	NA	NA	U	NA
Silvex	93-72-1	1.0	D017	NA	U	U	NA	NA	NA	U	NA

mg/L Milligrams per Liter, equivalent to parts per million
U Not detected at the method detection limit
J Analyte detected below MDL and/or estimated concentration
NA Not Analyzed

Sample #	Description	Representative Drums
001 =	Plastic coated fabric	028, 100, 143, 177 & 311
002 =	Plastic resins/rubber	029, 098, 150, 209, 413 & 443
003 =	Hard putty like material	018
004 =	Molded paper like material	150, 198 & 311
005 =	White powder	362
006 =	Gray powder	320
007 =	Soil like material	434 & 446
008 =	Yellow/orange paint like material	040, 186, 246 & 307

SUMMARY OF DRUM SAMPLING RESULTS
CITY OF NEWBURGH LANDFILL
NEWBURGH, NEW YORK

Analyte	CAS #	TCLP Criteria Hazardous level (mg/l)	TCLP Criteria EPA Waste #	Client Sample ID: SAMPLE 001	SAMPLE 002	SAMPLE 003	SAMPLE 004	SAMPLE 005	SAMPLE 006	SAMPLE 007	SAMPLE 008
				Veritech Sample ID: AB57867	AB57868	AB57869	AB57870	AB57871	AB57872	AB57873	AB57874
				Sampling Date: 05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002
				Units: mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2,4,5-Trichlorophenol	95-95-4	400.0	D041	NA	U	U	NA	NA	NA	U	NA
2,4,6-Trichlorophenol	88-06-2	2.0	D042	NA	U	U	NA	NA	NA	U	NA
2,4-Dinitrotoluene	121-14-2	0.13	D030	NA	U	U	NA	NA	NA	U	NA
2-Methylphenol	95-48-7	200.0	D023	NA	U	U	NA	NA	NA	U	NA
3&4-Methylphenol	106-44-5	200.0	D024/025	NA	U	U	NA	NA	NA	U	NA
Hexachlorobenzene	118-74-1	0.13	D032	NA	U	U	NA	NA	NA	U	NA
Hexachlorobutadiene	87-68-3	0.5	D033	NA	U	U	NA	NA	NA	U	NA
Hexachloroethane	67-72-1	3.0	D034	NA	U	U	NA	NA	NA	U	NA
Nitrobenzene	98-95-3	2.0	D036	NA	U	U	NA	NA	NA	U	NA
Pentachlorophenol	87-86-5	100.0	D037	NA	U	U	NA	NA	NA	U	NA
Pyridine	110-86-1	5.0	D038	NA	U	U	NA	NA	NA	U	NA

mg/L Milligrams per Liter, equivalent to parts per million
U Not detected at the method detection limit
J Analyte detected below MDL and/or estimated concentration
NA Not Analyzed

Sample #	Description	Representative Drums
001 =	Plastic coated fabric	028, 100, 143, 177 & 311
002 =	Plastic resins/rubber	029, 098, 150, 209, 413 & 443
003 =	Hard putty like material	018
004 =	Molded paper like material	150, 198 & 311
005 =	White powder	362
006 =	Gray powder	320
007 =	Soil like material	434 & 446
008 =	Yellow/orange paint like material	040, 186, 246 & 307

SUMMARY OF DRUM SAMPLING RESULTS
CITY OF NEWBURGH LANDFILL
NEWBURGH, NEW YORK

Analyte	CAS #	Hazardous level (mg/l)	EPA Waste #	Client Sample ID: SAMPLE 001 Veritech Sample ID: AB57867 Sampling Date: 05/22/2002 Units: mg/L	SAMPLE 002 AB57868 05/22/2002 mg/L	SAMPLE 003 AB57869 05/22/2002 mg/L	SAMPLE 004 AB57870 05/22/2002 mg/L	SAMPLE 005 AB57871 05/22/2002 mg/L	SAMPLE 006 AB57872 05/22/2002 mg/L	SAMPLE 007 AB57873 05/22/2002 mg/L	SAMPLE 008 AB57874 05/22/2002 mg/L
1,1-Dichloroethene	75-35-4	0.7	D029	NA	U	NA	NA	NA	NA	NA	U
1,2-Dichloroethane	107-06-2	0.5	D028	NA	U	NA	NA	NA	NA	NA	U
1,4-Dichlorobenzene	106-46-7	7.5	D027	NA	U	NA	NA	NA	NA	NA	U
2-Butanone	78-93-3	200.0	D035	NA	U	NA	NA	NA	NA	NA	U
Benzene	71-43-2	0.5	D018	NA	U	NA	NA	NA	NA	NA	U
Carbon Tetrachloride	56-23-5	0.5	D019	NA	U	NA	NA	NA	NA	NA	U
Chlorobenzene	108-90-7	100.0	D021	NA	U	NA	NA	NA	NA	NA	U
Chloroform	67-66-3	6.0	D022	NA	U	NA	NA	NA	NA	NA	U
Tetrachloroethene	127-18-4	0.7	D039	NA	U	NA	NA	NA	NA	NA	U
Trichloroethene	79-01-6	0.5	D040	NA	U	NA	NA	NA	NA	NA	U
Vinyl Chloride	75-01-4	0.2	D043	NA	U	NA	NA	NA	NA	NA	U

mg/L Milligrams per Liter, equivalent to parts per million
U Not detected at the method detection limit
NA Not Analyzed

Sample #	Description	Representative Drums
001 =	Plastic coated fabric	028, 100, 143, 177 & 311
002 =	Plastic resins/rubber	029, 098, 150, 209, 413 & 443
003 =	Hard putty like material	018
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005 =	White powder	362
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007 =	Soil like material	434 & 446
008 =	Yellow/orange paint like material	040, 186, 246 & 307

SUMMARY OF DRUM SAMPLING RESULTS
CITY OF NEWBURGH LANDFILL
NEWBURGH, NEW YORK

Analyte	CAS #		Client Sample ID:	SAMPLE 001	SAMPLE 002	SAMPLE 003	SAMPLE 004	SAMPLE 005	SAMPLE 006	SAMPLE 007	SAMPLE 008
			Veritech Sample ID:	AB57867	AB57868	AB57869	AB57870	AB57871	AB57872	AB57873	AB57874
			Sampling Date:	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002	05/22/2002
			Units:	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
		TSCA Criteria									
Aroclor-1016	12674-11-2			U	U	U	U	U	U	U	U
Aroclor-1221	11104-28-2			U	U	U	U	U	U	U	U
Aroclor-1232	11141-16-5			U	U	U	U	U	U	U	U
Aroclor-1242	53469-21-9			U	U	U	U	U	U	U	U
Aroclor-1248	12672-29-6			U	0.11	U	U	U	U	U	U
Aroclor-1254	11097-69-1			U	U	U	U	U	U	0.46	U
Aroclor-1260	11096-82-5			U	U	U	U	U	U	U	U
Total PCBs		50		U	0.11	U	U	U	U	0.46	U

mg/Kg Miligrams per Kilograms, equivalent to parts per million
U Not detected at the practical quantitation limit
TSCA Toxic Substance Control Act

Sample #	Description	Representative Drums
001 =	Plastic coated fabric	028, 100, 143, 177 & 311
002 =	Plastic resins/rubber	029, 098, 150, 209, 413 & 443
003 =	Hard putty like material	018
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008 =	Yellow/orange paint like material	040, 186, 246 & 307

SUMMARY OF DRUM SAMPLING RESULTS
CITY OF NEWBURGH LANDFILL
NEWBURGH, NEW YORK

Analyte	Client Sample ID: / Veritech Sample ID: / Sampling Date: / Units:	SAMPLE 001 AB57867 05/22/2002 MG/KG	SAMPLE 002 AB57868 05/22/2002 MG/KG	SAMPLE 003 AB57869 05/22/2002 MG/KG	SAMPLE 004 AB57870 05/22/2002 MG/KG	SAMPLE 005 AB57871 05/22/2002 MG/KG	SAMPLE 006 AB57872 05/22/2002 MG/KG	SAMPLE 007 AB57873 05/22/2002 MG/KG	SAMPLE 008 AB57874 05/22/2002 MG/KG
IGNITABILITY		NA	POS	NA	POS	NEG	NEG	NEG	POS
pH		NA	5.9	NA	7.6	8.8	5	7.2	6.5
REACTIVE CYANIDE		NA	U	NA	U	U	U	U	U
REACTIVE SULFIDE		NA	U	NA	U	U	U	U	U

mg/Kg Miligrams per Kilograms, equivalent to parts per million.
U Not detected at the practical quantitation limit

Sample #	Description	Representative Drums
001 =	Plastic coated fabric	028, 100, 143, 177 & 311
002 =	Plastic resins/rubber	029, 098, 150, 209, 413 & 443
003 =	Hard putty like material	018
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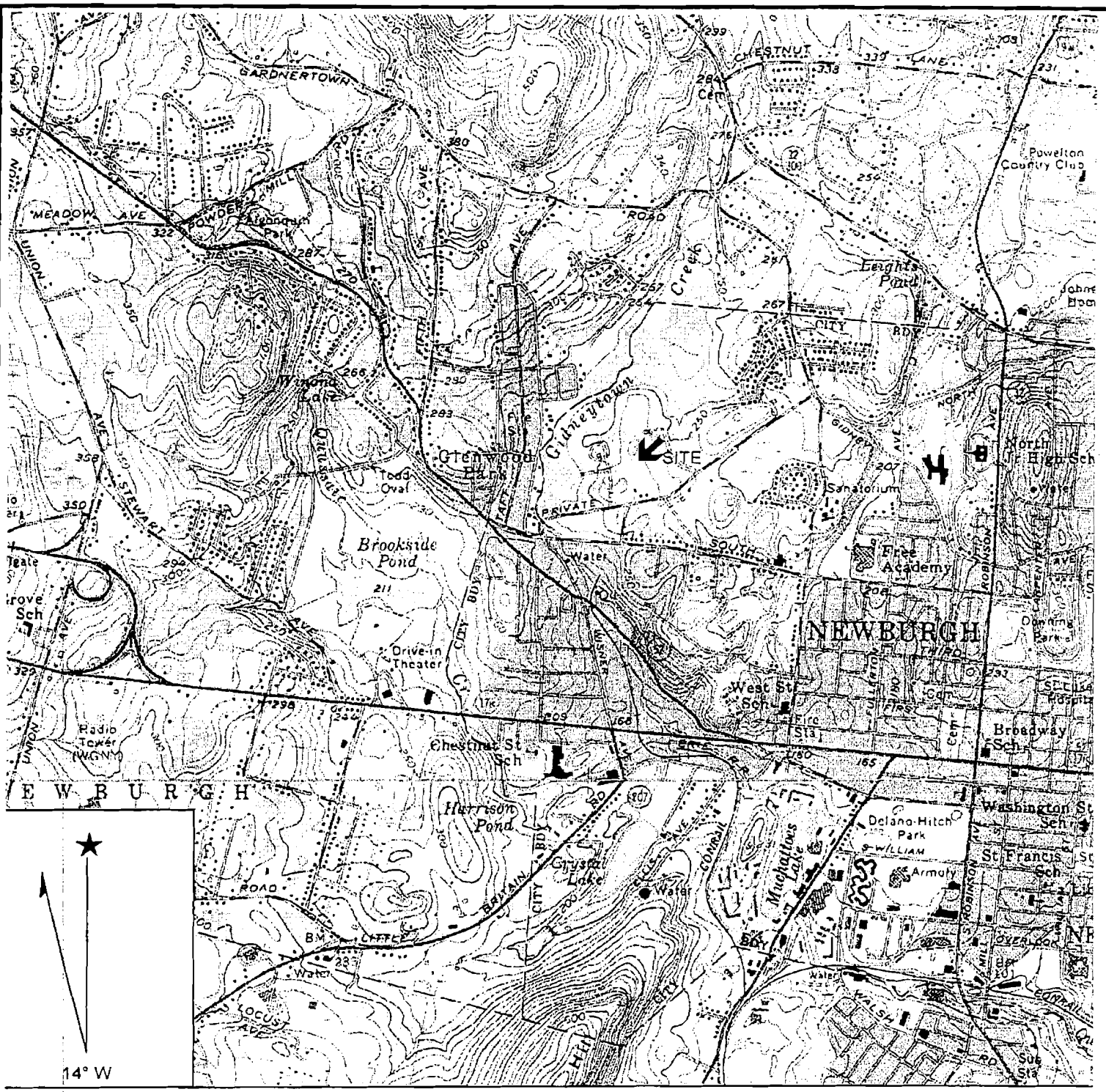

Name: NEWBURGH
Date: 7/10/2002
Scale: 1 inch equals 2000 feet

Location: 041° 30' 51.8" N 074° 02' 38.0" W

NEWBURGH LANDFILL

NEWBURGH ORANGE COUNTY NEW YORK

SITE LOCATION MAP

FIGURE 1

DRAWN AMW CHKD.
SCALE AS SHOWN
DATE 07/10/02 DATE

FIRST ENVIRONMENT

BOONTON NEW JERSEY

Hampton-Clarke, Inc.
veritech laboratories

175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

First Environment

Format: NYDOH-W

Project: Newburgh DPW Landf

PO Number:

Samples submitted on: 5/22/02

AB57867
AB57868
AB57869
AB57870
AB57871
AB57872
AB57873
AB57874

Date: 6/19/02

HCI Project: 05221831

Robin Cousineau _____ Or _____

Robin Cousineau - Quality Assurance Director Stanley Gilewicz - Laboratory Director

Veritech Sample Key

19-Jun-02

Lab#	SampleID
AB57867	Sample 001
AB57868	Sample 002
AB57869	Sample 003
AB57870	Sample 004
AB57871	Sample 005
AB57872	Sample 006
AB57873	Sample 007
AB57874	Sample 008

ENVIRONMENT

90 Riverdale Road, Riverdale, NJ 07457 • (973) 616-9700

CHAIN OF CUSTODY

05221831

Page 1 of 1

PROJECT NUMBER	PROJECT NAME	SAMPLED BY:
CINEW000B	DPW Landfill	JE/GM

LABORATORY: ~~[redacted]~~ VERITECH - Hampton Clarke

PROJECT MANAGER: Tim Egan

CONCENTRATION EXPECTED: H = HIGH, M = MEDIUM, L = LOW, U = UNKNOWN

MATRIX: A - AQUEOUS, S - SOIL, SL - SLUDGE, P - PRODUCT, X - OTHER

DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	MATRIX	CONC. EXPECTED	Full TCLP	RCRA Characteristics	PCBs	TCLP RCRA Metals	TCLP VOCs			FIELD CHECK	LAB CHECK	REMARKS
5-22-02	1120	X		SAMPLE001	X	L			X	X		AB57867				Plastic-coated fabric
	1148	X		002			X	X	X			57868				Plastic-resins/rubber
	848	X		003			X	X	X			57869				Hard Putty-like material
	1123	X		004				X	X	X	X	57870				Molded paper like material
	1139	X		005				X	X	X		57871				White Powder
	1130	X		006				X	X	X		57872				Gray Powder
	1152	X		007			X	X	X			57873				Soil like material
	1117	X		008				X	X	X	X	57874				Yellow/Orange Paint-like Solid

samples 003, 004, 007 - volume depleted.

cancelled TCLP VOCs sample 003 also

cancelled RCRA, PS, Ignit, pH. per T Egan 6/13/02 TB

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	5/22/02 1530	[signature]	5/22/02 1530				

REMARKS

REPORT FORMAT
- ☐ Reduced
- ☒ Reduced & Summary Table
- ☐ Reduced & Hazsite Compatible Disk
- ☐ NJPDES Forms
- ☐ Other

TURNAROUND TIME
- ☐ 24 Hr.
- ☐ 48 Hr.
- ☐ 1 Week
- ☒ Standard
- ☐ Other

Analytical for NYS DEC

LABORATORY COPY

7.09

FIRST ENVIRONMENT

90 Riverdale Road, Riverdale, NJ 07457 • (973) 616-9700

CHAIN OF CUSTODY

05221831

PROJECT NUMBER	PROJECT NAME	SAMPLED BY:
GNEW008	Newburgh DPW Landfill	Tim Egan

LABORATORY: Hampton Clarke Veritech

PROJECT MANAGER: Tim Egan

DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	MATRIX A - AQUEOUS S - SOIL SL - SLUDGE P - PRODUCT X - OTHER	CONCENTRATION EXPECTED H = HIGH M = MEDIUM L = LOW U = UNKNOWN	Full TCLP	RCRA Charac	PCBs	TCLP Metals	TCLP VOCs				FIELD CHECK	LAB CHECK	REMARKS
6/5/02	0730	X		002-AB57868	X	U	X	X	X								Black plastic/rubber
6/5/02	0750	X		008-AB57874	X	U		X	X	X	X						Yellow/orange paint-like material

Additional sample volume for samples collected and delivered to laboratory 5/22/02 as per attached chain of custody

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	6/5/02 1435	R. Marshall [signature]	6/5 1435				

REMARKS

REPORT FORMAT
- ☐ Reduced
- ☒ Reduced & Summary Table
- ☐ Reduced & Hazsite Compatible Disk
- ☐ NJPDES Forms
- ☐ Other________

TURNAROUND TIME
- ☐ 24 Hr.
- ☐ 48 Hr.
- ☐ 1 Week
- ☒ Standard
- ☐ Other________

NYSDEC

LABORATORY COPY

CONDITION UPON RECEIPT FORM

Veritech

Date Received: 5/22/02 Filed By: T-h D

Client: First Env Project/Account: Clinton 008

Veritech Project #: _____

YES	NO	INITIAL CONDITIONS
✓		[1] Is there a corresponding Chain of Custody included with the samples?
✓		[2] Are the samples in a container such as a cooler or ice chest?
	✓	[3] Are the custody seals intact? IF NO, please circle one of the following: missing broken (N.A.)
4.0 °C		[4] Please specify the temperature inside the container.

YES	NO	SAMPLE INFORMATION
✓		[5] Are the samples properly refrigerated (where required), have they arrived on ice?
✓		[6] Are the samples within holding times for the parameters listed on the COC? If NO, list parameters and associated samples: _____
✓		[7] Are all of the sample bottles intact? If NO, specify sample numbers below: broken: _____ leaking: _____
✓		[8] Are all of the sample labels or numbers legible? If NO, specify: _____
✓		[9] Do the contents of the container match the COC? If NO, specify: _____
✓		[10] Is there enough sample sent for the analyses listed on the COC? If NO, specify: _____
		[11] Are the samples preserved correctly (see Preservation Form for actual pH readings)?
		[12] Are all soil VO(NJ) samples properly preserved in methanol with the correct soil weights (8g - 12g) and accompanied by dry soil? _____

OTHER

[13] Specify: _____

NO.	ACTION	CORRECTIVE ACTIONS

CONDITION UPON RECEIPT FORM

Veritech

Date Received: 6/5/02 Filed By: RM

Client: First Env. Project/Account: Newburgh DPW Landfill

Veritech Project # _____

YES	NO	INITIAL CONDITIONS
✓		[1] Is there a corresponding Chain of Custody included with the samples?
✓		[2] Are the samples in a container such as a cooler or ice chest?
	✓	[3] Are the custody seals intact? IF NO, please circle one of the following: (missing) broken N.A.
4.0 °C		[4] Please specify the temperature inside the container.

YES	NO	SAMPLE INFORMATION
✓		[5] Are the samples properly refrigerated (where required), have they arrived on ice?
✓		[6] Are the samples within holding times for the parameters listed on the COC? If NO, list parameters and associated samples: _____
✓		[7] Are all of the sample bottles intact? If NO, specify sample numbers below: broken: _____ leaking: _____
✓		[8] Are all of the sample labels or numbers legible? If NO, specify: _____
✓		[9] Do the contents of the container match the COC? If NO, specify: _____
✓		[10] Is there enough sample sent for the analyses listed on the COC? If NO, specify: _____
		[11] Are the samples preserved correctly (see Preservation Form for actual pH readings)?
		[12] Are all soil VO(NJ) samples properly preserved in methanol with the correct soil weights (8g - 12g) and accompanied by dry soil? _____

OTHER

[13] Specify: _____

NO.	ACTION	CORRECTIVE ACTIONS

Laboratory Chronicle

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Lab Number	Sample Description
AB57867	Sample 001

Mercury (TCLP) 7470A

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Mercury (TCLP)	5/24/02	DM	EPA 7470A	5/24/02	JS	EPA 7470A

PCB 8082

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Aroclor-1016	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1221	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1232	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1242	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1248	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1254	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1260	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082

TCLP Metals 6010

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Arsenic (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Barium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Cadmium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Chromium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Lead (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Nickel (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Selenium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Silver (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010

TCLP Metals Extraction 1311

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
TCLP Metals Extraction	5/23/02	DM	EPA 1311	5/24/02	DM	

Lab Number	Sample Description
AB57868	Sample 002

Ignitability

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Ignitability				5/23/02	bct	EPA 7.1

Mercury (TCLP) 7470A

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Mercury (TCLP)	5/24/02	DM	EPA 7470A	5/24/02	JS	EPA 7470A

PCB 8082

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Aroclor-1016	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1221	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1232	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1242	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1248	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1254	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1260	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082

pH 9045C

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
pH				5/23/02	bct	EPA 9045C

Reactive Cyanide

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Cyanide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9014

Reactive Sulfide

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Sulfide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9034

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TCLP Herbicides 8151	Preparation			Analysis		
	Date	By	Method	Date	By	Method
2,4-D	5/28/02	sjt	EPA 8151	5/30/02	JK	EPA 8151
Silvex	5/28/02	sjt	EPA 8151	5/30/02	JK	EPA 8151

TCLP Metals 6010	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Arsenic (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Barium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Cadmium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Chromium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Lead (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Nickel (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Selenium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Silver (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010

TCLP Metals Extraction 1311	Preparation			Analysis		
	Date	By	Method	Date	By	Method
TCLP Metals Extraction	5/23/02	DM	EPA 1311	5/24/02	DM	

TCLP Organics Extraction 1311	Preparation			Analysis		
	Date	By	Method	Date	By	Method
TCLP Organics Extraction	5/23/02	sjt	EPA 1311	5/24/02	sjt	

TCLP Pesticides 8081	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Chlordane	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Endrin	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Gamma-BHC	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Heptachlor	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Heptachlor Epoxide	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Methoxychlor	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Toxaphene	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081

TCLP Semivolatiles 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
2,4,5-Trichlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2,4,6-Trichlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2,4-Dinitrotoluene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2-Methylphenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
3&4-Methylphenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachlorobenzene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachlorobutadiene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachloroethane	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Nitrobenzene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Pentachlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Pyridine	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270

TCLP Volatiles 8260	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1-Dichloroethene			EPA 5030	6/5/02	DTW	EPA 8260
1,2-Dichloroethane			EPA 5030	6/5/02	DTW	EPA 8260
1,4-Dichlorobenzene			EPA 5030	6/5/02	DTW	EPA 8260
2-Butanone			EPA 5030	6/5/02	DTW	EPA 8260
Benzene			EPA 5030	6/5/02	DTW	EPA 8260
Carbon tetrachloride			EPA 5030	6/5/02	DTW	EPA 8260
Chlorobenzene			EPA 5030	6/5/02	DTW	EPA 8260
Chloroform			EPA 5030	6/5/02	DTW	EPA 8260
Tetrachloroethene			EPA 5030	6/5/02	DTW	EPA 8260
Trichloroethene			EPA 5030	6/5/02	DTW	EPA 8260
Vinyl chloride			EPA 5030	6/5/02	DTW	EPA 8260

TCLP Zero Headspace Extraction	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Zero Headspace Extraction	6/3/02	sjt	EPA 1311	6/4/02	sjt	

Laboratory Chronicle

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Lab Number	Sample Description
AB57869	Sample 003

Mercury (TCLP) 7470A

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Mercury (TCLP)	5/24/02	DM	EPA 7470A	5/24/02	JS	EPA 7470A

PCB 8082

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Aroclor-1016	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1221	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1232	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1242	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1248	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1254	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1260	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082

TCLP Herbicides 8151

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
2,4-D	5/28/02	sjt	EPA 8151	5/30/02	JK	EPA 8151
Silvex	5/28/02	sjt	EPA 8151	5/30/02	JK	EPA 8151

TCLP Metals 6010

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Arsenic (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Barium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Cadmium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Chromium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Lead (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Nickel (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Selenium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Silver (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010

TCLP Metals Extraction 1311

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
TCLP Metals Extraction	5/23/02	DM	EPA 1311	5/24/02	DM	

TCLP Organics Extraction 1311

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
TCLP Organics Extraction	5/23/02	sjt	EPA 1311	5/24/02	sjt	

TCLP Pesticides 8081

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Chlordane	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Endrin	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Gamma-BHC	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Heptachlor	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Heptachlor Epoxide	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Methoxychlor	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Toxaphene	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081

TCLP Semivolatiles 8270

	Preparation			Analysis		
	Date	By	Method	Date	By	Method
2,4,5-Trichlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2,4,6-Trichlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2,4-Dinitrotoluene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2-Methylphenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
3&4-Methylphenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachlorobenzene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachlorobutadiene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachloroethane	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Nitrobenzene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Pentachlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Pyridine	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270

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Lab Number	Sample Description
AB57870	Sample 004

Ignitability	Preparation Date	By	Method	Analysis Date	By	Method
Ignitability				5/23/02	bct	EPA 7.1

Mercury (TCLP) 7470A	Preparation Date	By	Method	Analysis Date	By	Method
Mercury (TCLP)	5/24/02	DM	EPA 7470A	5/24/02	JS	EPA 7470A

PCB 8082	Preparation Date	By	Method	Analysis Date	By	Method
Aroclor-1016	5/23/02	rwq	EPA3510/3550	5/24/02	JK	EPA 8082
Aroclor-1221	5/23/02	rwq	EPA3510/3550	5/24/02	JK	EPA 8082
Aroclor-1232	5/23/02	rwq	EPA3510/3550	5/24/02	JK	EPA 8082
Aroclor-1242	5/23/02	rwq	EPA3510/3550	5/24/02	JK	EPA 8082
Aroclor-1248	5/23/02	rwq	EPA3510/3550	5/24/02	JK	EPA 8082
Aroclor-1254	5/23/02	rwq	EPA3510/3550	5/24/02	JK	EPA 8082
Aroclor-1260	5/23/02	rwq	EPA3510/3550	5/24/02	JK	EPA 8082

pH 9045C	Preparation Date	By	Method	Analysis Date	By	Method
pH				5/23/02	bct	EPA 9045C

Reactive Cyanide	Preparation Date	By	Method	Analysis Date	By	Method
Cyanide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9014

Reactive Sulfide	Preparation Date	By	Method	Analysis Date	By	Method
Sulfide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9034

TCLP Metals 6010	Preparation Date	By	Method	Analysis Date	By	Method
Arsenic (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Barium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Cadmium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Chromium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Lead (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Nickel (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Selenium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Silver (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010

TCLP Metals Extraction 1311	Preparation Date	By	Method	Analysis Date	By	Method
TCLP Metals Extraction	5/23/02	DM	EPA 1311	5/24/02	DM	

Lab Number	Sample Description
AB57871	Sample 005

Ignitability	Preparation Date	By	Method	Analysis Date	By	Method
Ignitability				5/23/02	bct	EPA 7.1

Mercury (TCLP) 7470A	Preparation Date	By	Method	Analysis Date	By	Method
Mercury (TCLP)	5/24/02	DM	EPA 7470A	5/24/02	JS	EPA 7470A

PCB 8082	Preparation Date	By	Method	Analysis Date	By	Method
Aroclor-1016	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1221	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1232	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082

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Aroclor-1242	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1248	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1254	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1260	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
pH 9045C	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
pH				5/23/02	bct	EPA 9045C
Reactive Cyanide	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
Cyanide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9014
Reactive Sulfide	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
Sulfide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9034
TCLP Metals 6010	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
Arsenic (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Barium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Cadmium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Chromium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Lead (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Nickel (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Selenium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Silver (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
TCLP Metals Extraction 1311	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
TCLP Metals Extraction	5/23/02	DM	EPA 1311	5/24/02	DM	

Lab Number	**Sample Description**
AB57872	**Sample 006**

Ignitability	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
Ignitability				5/23/02	bct	EPA 7.1
Mercury (TCLP) 7470A	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
Mercury (TCLP)	5/24/02	DM	EPA 7470A	5/24/02	JS	EPA 7470A
PCB 8082	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
Aroclor-1016	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1221	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1232	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1242	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1248	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1254	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1260	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
pH 9045C	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
pH				5/23/02	bct	EPA 9045C
Reactive Cyanide	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
Cyanide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9014
Reactive Sulfide	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
Sulfide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9034

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TCLP Metals 6010	Preparation Date	By	Method	Analysis Date	By	Method
Arsenic (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Barium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Cadmium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Chromium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Lead (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Nickel (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Selenium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Silver (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010

TCLP Metals Extraction 1311	Preparation Date	By	Method	Analysis Date	By	Method
TCLP Metals Extraction	5/23/02	DM	EPA 1311	5/24/02	DM	

Lab Number AB57873 **Sample Description** Sample 007

Ignitability	Preparation Date	By	Method	Analysis Date	By	Method
Ignitability				5/23/02	bct	EPA 7.1

Mercury (TCLP) 7470A	Preparation Date	By	Method	Analysis Date	By	Method
Mercury (TCLP)	5/24/02	DM	EPA 7470A	5/24/02	JS	EPA 7470A

PCB 8082	Preparation Date	By	Method	Analysis Date	By	Method
Aroclor-1016	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1221	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1232	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1242	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1248	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1254	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082
Aroclor-1260	5/23/02	rwq	EPA3510/3550	5/28/02	JK	EPA 8082

pH 9045C	Preparation Date	By	Method	Analysis Date	By	Method
pH				5/23/02	bct	EPA 9045C

Reactive Cyanide	Preparation Date	By	Method	Analysis Date	By	Method
Cyanide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9014

Reactive Sulfide	Preparation Date	By	Method	Analysis Date	By	Method
Sulfide (Reactive)	5/23/02	km	SW846 7.3	5/24/02	km	EPA 9034

TCLP Herbicides 8151	Preparation Date	By	Method	Analysis Date	By	Method
2,4-D	5/28/02	sjt	EPA 8151	5/30/02	JK	EPA 8151
Silvex	5/28/02	sjt	EPA 8151	5/30/02	JK	EPA 8151

TCLP Metals 6010	Preparation Date	By	Method	Analysis Date	By	Method
Arsenic (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Barium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Cadmium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Chromium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Lead (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Nickel (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Selenium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Silver (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010

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TCLP Metals Extraction 1311	Preparation Date	By	Method	Analysis Date	By	Method
TCLP Metals Extraction	5/23/02	DM	EPA 1311	5/24/02	DM	

TCLP Organics Extraction 1311	Preparation Date	By	Method	Analysis Date	By	Method
TCLP Organics Extraction	5/23/02	sjt	EPA 1311	5/24/02	sjt	

TCLP Pesticides 8081	Preparation Date	By	Method	Analysis Date	By	Method
Chlordane	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Endrin	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Gamma-BHC	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Heptachlor	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Heptachlor Epoxide	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Methoxychlor	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081
Toxaphene	5/24/02	rwqq	EPA 3510	5/29/02	JR	EPA 8081

TCLP Semivolatiles 8270	Preparation Date	By	Method	Analysis Date	By	Method
2,4,5-Trichlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2,4,6-Trichlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2,4-Dinitrotoluene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
2-Methylphenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
3&4-Methylphenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachlorobenzene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachlorobutadiene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Hexachloroethane	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Nitrobenzene	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Pentachlorophenol	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270
Pyridine	5/24/02	msl	EPA 3510	5/28/02	Akmal	EPA 8270

Lab Number AB57874 — **Sample Description** Sample 008

Ignitability	Preparation Date	By	Method	Analysis Date	By	Method
Ignitability				6/7/02	km	EPA 7.1

Mercury (TCLP) 7470A	Preparation Date	By	Method	Analysis Date	By	Method
Mercury (TCLP)	5/24/02	DM	EPA 7470A	5/24/02	JS	EPA 7470A

PCB 8082	Preparation Date	By	Method	Analysis Date	By	Method
Aroclor-1016	5/23/02	rwq	EPA3510/3550	5/29/02	JK	EPA 8082
Aroclor-1221	5/23/02	rwq	EPA3510/3550	5/29/02	JK	EPA 8082
Aroclor-1232	5/23/02	rwq	EPA3510/3550	5/29/02	JK	EPA 8082
Aroclor-1242	5/23/02	rwq	EPA3510/3550	5/29/02	JK	EPA 8082
Aroclor-1248	5/23/02	rwq	EPA3510/3550	5/29/02	JK	EPA 8082
Aroclor-1254	5/23/02	rwq	EPA3510/3550	5/29/02	JK	EPA 8082
Aroclor-1260	5/23/02	rwq	EPA3510/3550	5/29/02	JK	EPA 8082

pH 9045C	Preparation Date	By	Method	Analysis Date	By	Method
pH				6/7/02	km	EPA 9045C

Reactive Cyanide	Preparation Date	By	Method	Analysis Date	By	Method
Cyanide (Reactive)	6/11/02	km	SW846 7.3	6/11/02	km	EPA 9014

Reactive Sulfide	Preparation Date	By	Method	Analysis Date	By	Method
Sulfide (Reactive)	6/11/02	km	SW846 7.3	6/11/02	km	EPA 9034

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TCLP Metals 6010	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Arsenic (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Barium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Cadmium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Chromium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Lead (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Nickel (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Selenium (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010
Silver (TCLP)	5/24/02	DM	EPA 3010	5/24/02	MG	EPA 6010

TCLP Metals Extraction 1311	Preparation			Analysis		
	Date	By	Method	Date	By	Method
TCLP Metals Extraction	5/23/02	DM	EPA 1311	5/24/02	DM	

TCLP Volatiles 8260	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1-Dichloroethene			EPA 5030	6/14/02	DTW	EPA 8260
1,2-Dichloroethane			EPA 5030	6/14/02	DTW	EPA 8260
1,4-Dichlorobenzene			EPA 5030	6/14/02	DTW	EPA 8260
2-Butanone			EPA 5030	6/14/02	DTW	EPA 8260
Benzene			EPA 5030	6/14/02	DTW	EPA 8260
Carbon tetrachloride			EPA 5030	6/14/02	DTW	EPA 8260
Chlorobenzene			EPA 5030	6/14/02	DTW	EPA 8260
Chloroform			EPA 5030	6/14/02	DTW	EPA 8260
Tetrachloroethene			EPA 5030	6/14/02	DTW	EPA 8260
Trichloroethene			EPA 5030	6/14/02	DTW	EPA 8260
Vinyl chloride			EPA 5030	6/14/02	DTW	EPA 8260

TCLP Zero Headspace Extraction	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Zero Headspace Extraction	6/13/02	sjt	EPA 1311	6/14/02	sjt	

GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995 OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination) Data File Compound Concentration	Yes
5) Surrogate Recoveries meet criteria? If "No" ..see attached surrogate recovery form.	NO
6) MBS/MS/MSD Spike Recoveries meet criteria? If "No" ..see attached spike recovery form.	NO
7) Analysis holding/extraction meet criteria?	~~NO~~ Yes

Additional Comments:

Sample AB57868 was analyzed twice and had surrogates outside the recovery criteria in both runs, but one of the runs was analyzed past the 12 hour clock. A rerun was not possible due to sample depletion. A new sample for AB57874 was collected on 6/5/02 and was therefore tumbled within the holding time.

Organics Director: _____ 6/18/02

GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination) Data File Compound Concentration	Yes
5) Surrogate Recoveries meet criteria? If "No" ..see attached surrogate recovery form.	Yes
6) MBS/MS/MSD Spike Recoveries meet criteria? If "No" ..see attached spike recovery form.	Yes
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

Organics Director: _____ 5/29/02

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY FORMAT
(8082/608)

	No	Yes
1. Chromatograms Labeled/Compounds Identified	___	_X_
2. Standards Summary Submitted	___	_X_
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hours of sample analysis.	___	_X_
4. Blank Contamination - If yes, list compounds and concentrations in each blank. See note below_____	_X_	___
5. Surrogate QC meets method criteria (If applicable) If not met, list those compounds and their recoveries which fall outside the acceptable range: a. Pest/PCB's(If applicable see note below)._____ (Method criteria only requires one of two surrogates to pass the criteria.)	___	_X_
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If applicable) See note below. _____.	___	_X_
7. Retention Time Shift Meet Criteria (if applicable).	___	_X_
8. Extraction Holding Time Met _____ _____ _____	___	_X_
9. Analysis Holding Time Met If not met, list number of days exceeded for each sample: _____ _____	___	_X_

10.Additional Comments:
Samples AB57867 and #AB57874 were analyzed at 10X dilution due to the matrix interference.

Organics Director:_____ Date:_05/31/02

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY FORMAT
(8081/608)

	No	Yes
1. Chromatograms Labeled/Compounds Identified	___	_X_
2. Standards Summary Submitted	___	_X_
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hours of sample analysis.	___	_X_
4. Blank Contamination - If yes, list compounds and concentrations in each blank.	_X_	___
See note below_____		
5. Surrogate QC meets method criteria (If applicable)	___	_X_
If not met, list those compounds and their recoveries which fall outside the acceptable range:		
a. Pest/PCB's(If applicable see note below)._____		
(Method criteria only requires one of two surrogates to pass the criteria.)		
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If applicable) See note below.	_ _	_X_
_____.		
7. Retention Time Shift Meet Criteria (if applicable).	___	_X_
8. Extraction Holding Time Met	___	_X_
_____		
_____		
_____		
9. Analysis Holding Time Met	___	_X_
If not met, list number of days exceeded for each sample:		
_____		
_____		

10.Additional Comments:

_____

Organics Director:_____ Date:05/30/00

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY FORMAT
(8151)

	No	Yes
1. Chromatograms Labeled/Compounds Identified	___	_X_
2. Standards Summary Submitted	___	_X_
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hours of sample analysis.	___	_X_
4. Blank Contamination - If yes, list compounds and concentrations in each blank. See note below_____	_X_	___
5. Surrogate QC meets method criteria (If applicable) If not met, list those compounds and their recoveries which fall outside the acceptable range:	___	_X_
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If applicable) See note below. _____.	___	_X_
7. Retention Time Shift Meet Criteria (if applicable).	___	_X_
8. Extraction Holding Time Met _____ _____ _____	___	_X_
9. Analysis Holding Time Met If not met, list number of days exceeded for each sample: _____ _____	___	_X_

10. Additional Comments:

Organics Director: _____ Date: 05/30/02

METALS ANALYSIS NONCONFORMANCE SUMMARY

	NO	Yes
1. Calibration summary meets criteria		X
2. ICP Interference Check Samples Results Summary Submitted, Meet Criteria (exclude Mercury)		X
3. Serial Dilution Summary Submitted, Meet Criteria (exclude Mercury) Pb	X	
4. Laboratory Control Sample Summary Submitted (if applicable) Meets Criteria		X
5. Blank Contamination above RL - If Yes, list compound for each blank: EF-1-2132 Ba. Ba is less than 5% of the regulatory limit.		X
Matrix Spike / Matrix Spike Duplicate Recoveries Meet Criteria (if not, list those compounds which fall outside the acceptable range)		X
Sample duplicate RPDs Meet Criteria (if not, list those compounds which fall outside the acceptable range)		X
8. Extraction Holding Time Met (if not, list number of days exceeded for each sample)		X
9. Analysis Holding Time Met (if not, list number of days exceeded for each sample)		X

Additional Comments:

Metals Supervisor: _____ Date: 5/28/02

Batch: 4028 ICP ARL 3560 and MERCURY

WET CHEMISTRY ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY FORMAT

1.	Blank Contamination – If yes, list the sample and the corresponding concentrations in each blank. _____	No
2.	Matrix Spike/Matrix Spike Duplicate recoveries meet criteria (If not met, list the sample and corresponding recovery which falls outside the acceptable range)_____ RS-(MBS=36% MS=30% MSD=30%)_____ RS-(MBS=40% MS=36% MSD=36%) _____ RCN-(MBS=2.4% MS=2.3% MSD=2.2%)_____ RCN-(MBS=2.3% MS=2.3% MSD=2.3%)_____	No
3.	IR Spectra submitted for all standards, blanks, and samples.	No
4.	Chromatograms submitted for all standards, blanks, and samples if GC Fingerprinting was conducted.	NA
5.	Extraction Holding Time Met (If not met, list number of days exceeded for each sample). _____	Yes
6.	Analysis Holding Time Met (If not met, list number of days exceeded for each sample). _____ _____	Yes

Additional Comments: Low matrix spike recoveries are customarily observed for RS & RCN due to the mild acidic condition employed in their respective methods.

_____

Wet Chemistry Supervisor

06/14/02
Date

METHOD REFERENCES

Test Methods for Evaluating Solid Waste, **SW-846, Third Edition**
Chloride: Method 9253.
Cyanide: Method 9010B/9014.
Dioxins/Furans: Method 8290.
Flashpoint: Method 1010.
Fingerprint (GC): Methods (3510C or 3550B)/8015 modified.
Hexavalent Chromium: Second and Third Editions, Methods 3060 and 7196A.
Ignitability: Method 1030.
Metals: Methods (3005A or 3050B)/6010B, (7470A or 7471A) (Hg).
PCB's: Methods (3510C or 3550B)/8082.
PCB's (Oils): Methods 3580A/8082.
Pesticides: Methods (3510C or 3550B)/8081A.
pH (Soils): Method 9045C.
Phenolics (Soils): Method 9065.
Reactive Cyanide/Sulfide: Chapter Seven, Section 7.3, Reactivity.
Semivolatile Organics: Methods (3510C or 3550B)/8270C.
Sulfide: Method 9030B/9034.
TCLP: Extraction: Method 1311.
TCLP Volatile Organics: Method 8260B.
TCLP Semivolatile Organics: Methods 3510C/8270C.
TCLP Pesticides: Methods 3510C/8081A.
TCLP Herbicides: Method 8151A.
TCLP Metals: Methods 3005A/6010B and 7470A.
TPH: Method 9071A (extraction only)/418.1.
TPH Extractables: Methods (3510C or 3550B)/8015 modified.
Volatile Organics: Method 8260B.
Total Organic Carbon: 9060
Total Organic Halides(EOX): 9023

Federal Register, **40 CFR Part 136**
Volatile Organics: Method 624.
Semivolatile Organics: Method 625.
Pesticides/PCB's: Method 608.

***Methods for the Determination of Organic Compounds in Drinking Water*, EPA/600/4-88/039**

Volatile Organics: Method 524.2, Revision 4.1, 1995.

***Standard Methods for the Examination of Water and Wastewater*, 18th Edition, 1992**
Cyanide (Free):, Method 4500-CN-I.
Hexavalent Chromium: Method 3500-Cr D.
Salinity: Method 2520-B.
Solids, Total, Fixed, & Volatile: Method 2540-G.

***Methods for the Determination of Metals in Environmental Samples*, EPA/600/4-91/010, June 1991**
ICP Metals: Method 200.7, Revision 3.3.

Methods for the Chemical Analysis of Water and Wastes, **EPA-600/4-79-020, March 1983**
Cyanide & Amenable Cyanide: Method 335.2/335.1.
Phenols: Method 420.1.
Mercury: Method 245.1.
pH Hydrogen Ion: Method 150.1/150.2.
Temperature, Deg. C: 170.1.
TPH (Soils & Waters): Method 418.1 (analysis 418.1 for Soils).
Specific Conductance: Method 120.1.
Residue, Filterable (TDS): Method 160.1.
Residue, Non-Filterable (TSS): Method 160.2.
Residue, Total: Method 160.3.
Residue, Volatile: Method 160.4.
Residue, Settleable: Method 160.5
Chloride: Method 325.3.
Sulfide (Waters): Method 376.1.
Oil & Grease (Total Recoverable): Method 413.1.
Oil & Grease: Method 1664.
Acidity (as CaCO3): Method 305.1.
Alkalinity (as CaCO3): Method 310.1.
Ammonia: Method 350.2
Total Organic Carbon: 415.1

Hach Chemical Company Handbook
Chemical Oxygen Demand (Waters): Method 8000.

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis
veritech laboratories

To: First Environment

91 Fulton Street

Boonton NJ 07005

Attention: Tim Egan
Project: Newburgh DPW Landfill

Date Collected: 5/22/02
Date Submitted: 5/22/02
Date Reported: 6/19/02

Lab#	Sample ID	TestGroup/Analyte	Units	MDL PQL RL	Result
AB57867	**Sample 001**				
		Mercury (TCLP) 7470A			
		Mercury (TCLP)	mg/l	0.00060	ND
		PCB 8082			
		Aroclor-1016	mg/kg	0.17	ND
		Aroclor-1221	mg/kg	0.17	ND
		Aroclor-1232	mg/kg	0.17	ND
		Aroclor-1242	mg/kg	0.17	ND
		Aroclor-1248	mg/kg	0.17	ND
		Aroclor-1254	mg/kg	0.17	ND
		Aroclor-1260	mg/kg	0.17	ND
		TCLP Metals 6010			
		Arsenic (TCLP)	mg/l	0.30	ND
		Barium (TCLP)	mg/l	0.20	0.59
		Cadmium (TCLP)	mg/l	0.10	ND
		Chromium (TCLP)	mg/l	0.20	ND
		Lead (TCLP)	mg/l	0.30	0.42
		Nickel (TCLP)	mg/l	0.20	ND
		Selenium (TCLP)	mg/l	0.20	ND
		Silver (TCLP)	mg/l	0.10	ND
		TCLP Metals Extraction 1311			
		TCLP Metals Extraction	n/a		Complete

Lab#	Sample ID	TestGroup/Analyte	Units	MDL PQL RL	Result
AB57868	**Sample 002**				
		Ignitability			
		Ignitability			POS
		Mercury (TCLP) 7470A			
		Mercury (TCLP)	mg/l	0.00060	ND
		PCB 8082			
		Aroclor-1016	mg/kg	0.017	ND
		Aroclor-1221	mg/kg	0.017	ND
		Aroclor-1232	mg/kg	0.017	ND
		Aroclor-1242	mg/kg	0.017	ND
		Aroclor-1248	mg/kg	0.017	0.11
		Aroclor-1254	mg/kg	0.017	ND
		Aroclor-1260	mg/kg	0.017	ND
		pH 9045C			
		pH	ph		5.9
		Reactive Cyanide			
		Cyanide (Reactive)	mg/kg	10	ND
		Reactive Sulfide			
		Sulfide (Reactive)	mg/kg	100	ND
		TCLP Herbicides 8151			
		2,4-D	mg/l	0.0020	ND
		Silvex	mg/l	0.0020	ND
		TCLP Metals 6010			
		Arsenic (TCLP)	mg/l	0.30	ND
		Barium (TCLP)	mg/l	0.20	0.44
		Cadmium (TCLP)	mg/l	0.10	ND
		Chromium (TCLP)	mg/l	0.20	ND
		Lead (TCLP)	mg/l	0.30	1.4
		Nickel (TCLP)	mg/l	0.20	ND
		Selenium (TCLP)	mg/l	0.20	ND
		Silver (TCLP)	mg/l	0.10	ND
		TCLP Metals Extraction 1311			
		TCLP Metals Extraction	n/a		Complete
		TCLP Organics Extraction 1311			
		TCLP Organics Extraction			Complete
		TCLP Pesticides 8081			
		Chlordane	mg/l	0.0020	ND
		Endrin	mg/l	0.0010	ND
		Gamma-BHC	mg/l	0.0010	ND
		Heptachlor	mg/l	0.0010	ND
		Heptachlor Epoxide	mg/l	0.0010	ND
		Methoxychlor	mg/l	0.0010	ND
		Toxaphene	mg/l	0.010	ND

ND = Not Detected

Lab#	Sample ID				Lab#	Sample ID			
TestGroup/Analyte		Units	MDL PQL RL	Result	TestGroup/Analyte		Units	MDL PQL RL	Result
TCLP Semivolatiles 8270					**AB57869**	**Sample 003**			
2,4,5-Trichlorophenol		mg/l	0.040	ND	**Mercury (TCLP) 7470A**				
2,4,6-Trichlorophenol		mg/l	0.040	ND	Mercury (TCLP)		mg/l	0.00060	ND
2,4-Dinitrotoluene		mg/l	0.040	ND	**PCB 8082**				
2-Methylphenol		mg/l	0.040	ND	Aroclor-1016		mg/kg	0.017	ND
3&4-Methylphenol		mg/l	0.040	ND	Aroclor-1221		mg/kg	0.017	ND
Hexachlorobenzene		mg/l	0.040	ND	Aroclor-1232		mg/kg	0.017	ND
Hexachlorobutadiene		mg/l	0.040	ND	Aroclor-1242		mg/kg	0.017	ND
Hexachloroethane		mg/l	0.040	ND	Aroclor-1248		mg/kg	0.017	ND
Nitrobenzene		mg/l	0.040	ND	Aroclor-1254		mg/kg	0.017	ND
Pentachlorophenol		mg/l	0.040	ND	Aroclor-1260		mg/kg	0.017	ND
Pyridine		mg/l	0.080	ND	**TCLP Herbicides 8151**				
TCLP Volatiles 8260					2,4-D		mg/l	0.0020	ND
1,1-Dichloroethene		mg/l	0.0050	ND	Silvex		mg/l	0.0020	ND
1,2-Dichloroethane		mg/l	0.0050	ND	**TCLP Metals 6010**				
1,4-Dichlorobenzene		mg/l	0.0050	ND	Arsenic (TCLP)		mg/l	0.30	ND
2-Butanone		mg/l	0.025	ND	Barium (TCLP)		mg/l	0.20	ND
Benzene		mg/l	0.0010	ND	Cadmium (TCLP)		mg/l	0.10	ND
Carbon tetrachloride		mg/l	0.0050	ND	Chromium (TCLP)		mg/l	0.20	ND
Chlorobenzene		mg/l	0.0050	ND	Lead (TCLP)		mg/l	0.30	ND
Chloroform		mg/l	0.0050	ND	Nickel (TCLP)		mg/l	0.20	ND
Tetrachloroethene		mg/l	0.0050	ND	Selenium (TCLP)		mg/l	0.20	ND
Trichloroethene		mg/l	0.0050	ND	Silver (TCLP)		mg/l	0.10	ND
Vinyl chloride		mg/l	0.0050	ND	**TCLP Metals Extraction 1311**				
TCLP Zero Headspace Extraction					TCLP Metals Extraction		n/a		Complete
Zero Headspace Extraction					**TCLP Organics Extraction 1311**				
					TCLP Organics Extraction				Complete
					TCLP Pesticides 8081				
					Chlordane		mg/l	0.0020	ND
					Endrin		mg/l	0.0010	ND
					Gamma-BHC		mg/l	0.0010	ND
					Heptachlor		mg/l	0.0010	ND
					Heptachlor Epoxide		mg/l	0.0010	ND
					Methoxychlor		mg/l	0.0010	ND
					Toxaphene		mg/l	0.010	ND
					TCLP Semivolatiles 8270				
					2,4,5-Trichlorophenol		mg/l	0.040	ND
					2,4,6-Trichlorophenol		mg/l	0.040	ND
					2,4-Dinitrotoluene		mg/l	0.040	ND
					2-Methylphenol		mg/l	0.040	ND
					3&4-Methylphenol		mg/l	0.040	ND
					Hexachlorobenzene		mg/l	0.040	ND
					Hexachlorobutadiene		mg/l	0.040	ND
					Hexachloroethane		mg/l	0.040	ND
					Nitrobenzene		mg/l	0.040	ND
					Pentachlorophenol		mg/l	0.040	ND
					Pyridine		mg/l	0.080	ND

ND = Not Detected

Lab#	Sample ID				Lab#	Sample ID			
TestGroup/Analyte		Units	MDL PQL RL	Result	TestGroup/Analyte		Units	MDL PQL RL	Result
AB57870	**Sample 004**				**AB57871**	**Sample 005**			
Ignitability					**Ignitability**				
Ignitability				POS	Ignitability				NEG
Mercury (TCLP) 7470A					**Mercury (TCLP) 7470A**				
Mercury (TCLP)		mg/l	0.00060	ND	Mercury (TCLP)		mg/l	0.00060	ND
PCB 8082					**PCB 8082**				
Aroclor-1016		mg/kg	0.017	ND	Aroclor-1016		mg/kg	0.017	ND
Aroclor-1221		mg/kg	0.017	ND	Aroclor-1221		mg/kg	0.017	ND
Aroclor-1232		mg/kg	0.017	ND	Aroclor-1232		mg/kg	0.017	ND
Aroclor-1242		mg/kg	0.017	ND	Aroclor-1242		mg/kg	0.017	ND
Aroclor-1248		mg/kg	0.017	ND	Aroclor-1248		mg/kg	0.017	ND
Aroclor-1254		mg/kg	0.017	ND	Aroclor-1254		mg/kg	0.017	ND
Aroclor-1260		mg/kg	0.017	ND	Aroclor-1260		mg/kg	0.017	ND
pH 9045C					**pH 9045C**				
pH		ph		7.6	pH		ph		8.8
Reactive Cyanide					**Reactive Cyanide**				
Cyanide (Reactive)		mg/kg	10	ND	Cyanide (Reactive)		mg/kg	10	ND
Reactive Sulfide					**Reactive Sulfide**				
Sulfide (Reactive)		mg/kg	100	ND	Sulfide (Reactive)		mg/kg	100	ND
TCLP Metals 6010					**TCLP Metals 6010**				
Arsenic (TCLP)		mg/l	0.30	ND	Arsenic (TCLP)		mg/l	0.30	1.1
Barium (TCLP)		mg/l	0.20	90	Barium (TCLP)		mg/l	0.20	0.34
Cadmium (TCLP)		mg/l	0.10	ND	Cadmium (TCLP)		mg/l	0.10	ND
Chromium (TCLP)		mg/l	0.20	ND	Chromium (TCLP)		mg/l	0.20	ND
Lead (TCLP)		mg/l	0.30	ND	Lead (TCLP)		mg/l	0.30	2.4
Nickel (TCLP)		mg/l	0.20	ND	Nickel (TCLP)		mg/l	0.20	1.1
Selenium (TCLP)		mg/l	0.20	ND	Selenium (TCLP)		mg/l	0.20	ND
Silver (TCLP)		mg/l	0.10	ND	Silver (TCLP)		mg/l	0.10	ND
TCLP Metals Extraction 1311					**TCLP Metals Extraction 1311**				
TCLP Metals Extraction		n/a		Complete	TCLP Metals Extraction		n/a		Complete

ND = Not Detected

Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result
AB57872	**Sample 006**			
Ignitability				
Ignitability				NEG
Mercury (TCLP) 7470A				
Mercury (TCLP)		mg/l	0.00060	ND
PCB 8082				
Aroclor-1016		mg/kg	0.017	ND
Aroclor-1221		mg/kg	0.017	ND
Aroclor-1232		mg/kg	0.017	ND
Aroclor-1242		mg/kg	0.017	ND
Aroclor-1248		mg/kg	0.017	ND
Aroclor-1254		mg/kg	0.017	ND
Aroclor-1260		mg/kg	0.017	ND
pH 9045C				
pH		ph		5
Reactive Cyanide				
Cyanide (Reactive)		mg/kg	10	ND
Reactive Sulfide				
Sulfide (Reactive)		mg/kg	100	ND
TCLP Metals 6010				
Arsenic (TCLP)		mg/l	0.30	ND
Barium (TCLP)		mg/l	0.20	0.62
Cadmium (TCLP)		mg/l	0.10	ND
Chromium (TCLP)		mg/l	0.20	ND
Lead (TCLP)		mg/l	0.30	ND
Nickel (TCLP)		mg/l	0.20	ND
Selenium (TCLP)		mg/l	0.20	ND
Silver (TCLP)		mg/l	0.10	ND
TCLP Metals Extraction 1311				
TCLP Metals Extraction		n/a		Complete

Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result
AB57873	**Sample 007**			
Ignitability				
Ignitability				NEG
Mercury (TCLP) 7470A				
Mercury (TCLP)		mg/l	0.00060	ND
PCB 8082				
Aroclor-1016		mg/kg	0.017	ND
Aroclor-1221		mg/kg	0.017	ND
Aroclor-1232		mg/kg	0.017	ND
Aroclor-1242		mg/kg	0.017	ND
Aroclor-1248		mg/kg	0.017	ND
Aroclor-1254		mg/kg	0.017	0.46
Aroclor-1260		mg/kg	0.017	ND
pH 9045C				
pH		ph		7.2
Reactive Cyanide				
Cyanide (Reactive)		mg/kg	10	ND
Reactive Sulfide				
Sulfide (Reactive)		mg/kg	100	ND
TCLP Herbicides 8151				
2,4-D		mg/l	0.0020	ND
Silvex		mg/l	0.0020	ND
TCLP Metals 6010				
Arsenic (TCLP)		mg/l	0.30	ND
Barium (TCLP)		mg/l	0.20	5.1
Cadmium (TCLP)		mg/l	0.10	ND
Chromium (TCLP)		mg/l	0.20	5.5
Lead (TCLP)		mg/l	0.60	120
Nickel (TCLP)		mg/l	0.20	ND
Selenium (TCLP)		mg/l	0.20	0.73
Silver (TCLP)		mg/l	0.10	ND
TCLP Metals Extraction 1311				
TCLP Metals Extraction		n/a		Complete
TCLP Organics Extraction 1311				
TCLP Organics Extraction				Complete
TCLP Pesticides 8081				
Chlordane		mg/l	0.0020	ND
Endrin		mg/l	0.0010	ND
Gamma-BHC		mg/l	0.0010	ND
Heptachlor		mg/l	0.0010	ND
Heptachlor Epoxide		mg/l	0.0010	ND
Methoxychlor		mg/l	0.0010	ND
Toxaphene		mg/l	0.010	ND
TCLP Semivolatiles 8270				
2,4,5-Trichlorophenol		mg/l	0.040	ND
2,4,6-Trichlorophenol		mg/l	0.040	ND
2,4-Dinitrotoluene		mg/l	0.040	ND
2-Methylphenol		mg/l	0.040	ND
3&4-Methylphenol		mg/l	0.040	ND
Hexachlorobenzene		mg/l	0.040	ND
Hexachlorobutadiene		mg/l	0.040	ND
Hexachloroethane		mg/l	0.040	ND
Nitrobenzene		mg/l	0.040	ND
Pentachlorophenol		mg/l	0.040	ND
Pyridine		mg/l	0.080	ND

ND = Not Detected

Lab#	Sample ID		MDL PQL RL		Lab#	Sample ID		MDL PQL RL	
TestGroup/Analyte		Units		Result	TestGroup/Analyte		Units		Result
AB57874	**Sample 008**								
Ignitability									
Ignitability				POS					
Mercury (TCLP) 7470A									
Mercury (TCLP)		mg/l	0.00060	ND					
PCB 8082									
Aroclor-1016		mg/kg	0.17	ND					
Aroclor-1221		mg/kg	0.17	ND					
Aroclor-1232		mg/kg	0.17	ND					
Aroclor-1242		mg/kg	0.17	ND					
Aroclor-1248		mg/kg	0.17	ND					
Aroclor-1254		mg/kg	0.17	ND					
Aroclor-1260		mg/kg	0.17	ND					
pH 9045C									
pH		ph		6.5					
Reactive Cyanide									
Cyanide (Reactive)		mg/kg	10	ND					
Reactive Sulfide									
Sulfide (Reactive)		mg/kg	100	ND					
TCLP Metals 6010									
Arsenic (TCLP)		mg/l	0.30	ND					
Barium (TCLP)		mg/l	0.20	0.45					
Cadmium (TCLP)		mg/l	0.10	ND					
Chromium (TCLP)		mg/l	0.20	ND					
Lead (TCLP)		mg/l	0.30	ND					
Nickel (TCLP)		mg/l	0.20	ND					
Selenium (TCLP)		mg/l	0.20	ND					
Silver (TCLP)		mg/l	0.10	ND					
TCLP Metals Extraction 1311									
TCLP Metals Extraction		n/a		Complete					
TCLP Volatiles 8260									
1,1-Dichloroethene		mg/l	0.0050	ND					
1,2-Dichloroethane		mg/l	0.0050	ND					
1,4-Dichlorobenzene		mg/l	0.0050	ND					
2-Butanone		mg/l	0.025	ND					
Benzene		mg/l	0.0010	ND					
Carbon tetrachloride		mg/l	0.0050	ND					
Chlorobenzene		mg/l	0.0050	ND					
Chloroform		mg/l	0.0050	ND					
Tetrachloroethene		mg/l	0.0050	ND					
Trichloroethene		mg/l	0.0050	ND					
Vinyl chloride		mg/l	0.0050	ND					
TCLP Zero Headspace Extraction									
Zero Headspace Extraction									

ND = Not Detected

Form1
ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Matrix: Water
Client Id:
Initial Volume: 5ml
Data File: FY8683
Final Volume: NA
Date Analyzed: 5 Jun 2002 15:14
Dilution Factor: 1
Date Received/Extracted:
Percent Solids: 0
Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
75354	1,1-Dichloroethene	0.0050	U
107062	1,2-Dichloroethane	0.0050	U
106467	1,4-Dichlorobenzene	0.0050	U
78933	2-Butanone	0.025	U
71432	Benzene	0.0010	U
56235	Carbon tetrachloride	0.0050	U
108907	Chlorobenzene	0.0050	U
67663	Chloroform	0.0050	U
127184	Tetrachloroethene	0.0050	U
79016	Trichloroethene	0.0050	U
75014	Vinyl chloride	0.0050	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\103450.txt

Quantitation Report (QT Reviewed)

Data File : G:\GCMSDATA\GCMS_1\06-05-02\FY8683.D Vial: 6
Acq On : 5 Jun 2002 15:14 Operator: DTW
Sample : DAILY BLANK Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 14:20 2002 Quant Results File: M1_0523A.RE

Quant Method : G:\GCMSDATA\METHODS\M1_0523A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Thu May 23 16:45:05 2002
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.43	96	234523	30.00	ug/l	0.00
38) Chlorobenzene-d5	10.22	117	193107	30.00	ug/l	0.02
53) 1,4-Dichlorobenzene-d4	12.02	152	103399	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.05	102	16687	29.08	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.93%			
49) Toluene-d8	8.98	98	216805	29.08	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.93%			
57) Bromofluorobenzene	11.14	174	72375	25.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 85.83%			

Target Compounds Qvalue

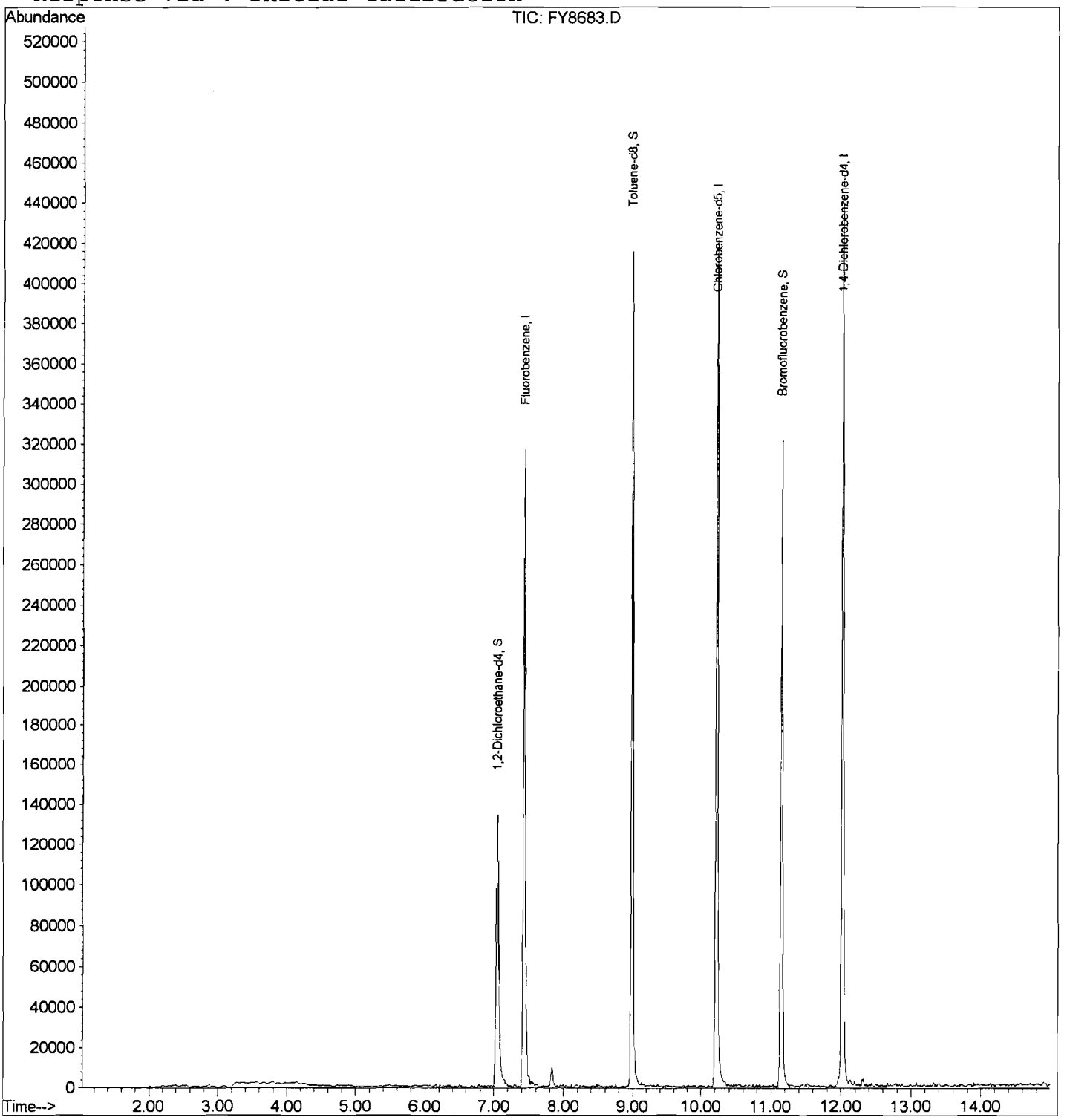
6/17

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GCMSDATA\GCMS_1\06-05-02\FY8683.D Vial: 6
Acq On : 5 Jun 2002 15:14 Operator: DTW
Sample : DAILY BLANK Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 14:20 2002 Quant Results File: M1_0523A.RES

Method : G:\GCMSDATA\METHODS\M1_0523A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Thu May 23 16:35:14 2002
Response via : Initial Calibration



Form1
ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK | *Matrix:* Water

Client Id: | *Initial Volume:* 5ml

Data File: FY9045 | *Final Volume:* NA

Date Analyzed: 14 Jun 2002 14:31 | *Dilution Factor:* 1

Date Received/Extracted: | *Percent Solids:* 0

Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
75354	1,1-Dichloroethene	0.0050	U
107062	1,2-Dichloroethane	0.0050	U
106467	1,4-Dichlorobenzene	0.0050	U
78933	2-Butanone	0.025	U
71432	Benzene	0.0010	U
56235	Carbon tetrachloride	0.0050	U
108907	Chlorobenzene	0.0050	U
67663	Chloroform	0.0050	U
127184	Tetrachloroethene	0.0050	U
79016	Trichloroethene	0.0050	U
75014	Vinyl chloride	0.0050	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\14331.txt

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\GCMS_1\06-14-02\FY9045.D Vial: 3
Acq On : 14 Jun 2002 14:31 Operator: DTW
Sample : DAILY BLANK Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 14 18:07 2002 Quant Results File: M1_0607A.RES

Quant Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Mon Jun 10 11:11:17 2002
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.44	96	229510	30.00	ug/l	0.02
38) Chlorobenzene-d5	10.22	117	173242	30.00	ug/l	0.02
53) 1,4-Dichlorobenzene-d4	12.03	152	92781	30.00	ug/l	0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.06	102	15781	28.85	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.17%			
49) Toluene-d8	8.99	98	206278	28.47	ug/l	0.02
Spiked Amount 30.000			Recovery = 94.90%			
57) Bromofluorobenzene	11.15	174	62038	26.95	ug/l	0.02
Spiked Amount 30.000			Recovery = 89.83%			

Target Compounds Qvalue

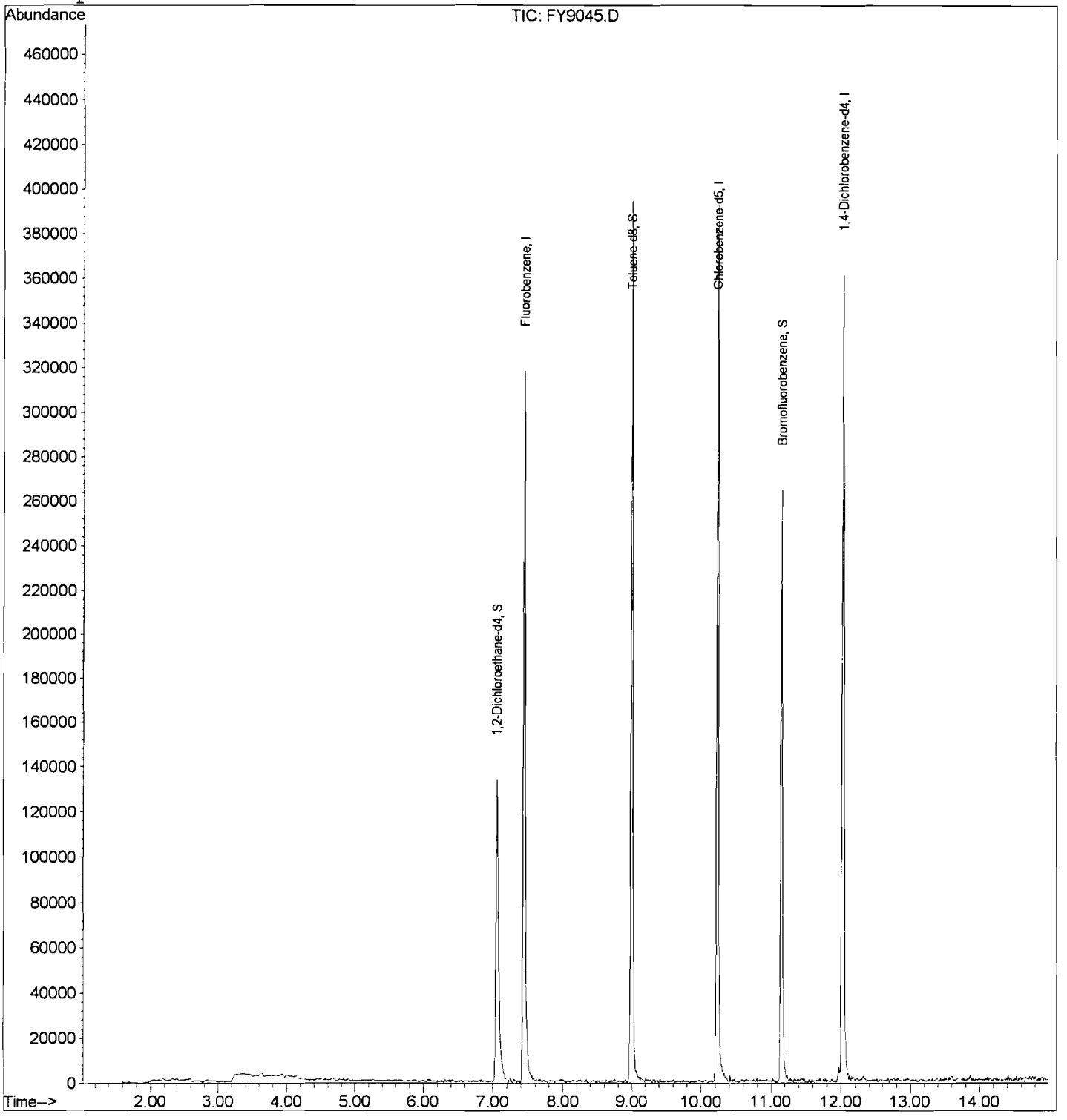
6/17

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\GCMS_1\06-14-02\FY9045.D Vial: 3
Acq On : 14 Jun 2002 14:31 Operator: DTW
Sample : DAILY BLANK Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 14 18:07 2002 Quant Results File: M1_0607A.RE

Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Fri Jun 07 13:04:36 2002
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: EF12132(6/14/2 *Matrix:* Water

Client Id: *Initial Volume:* 5ml

Data File: FY9054 *Final Volume:* NA

Date Analyzed: 14 Jun 2002 18:10 *Dilution Factor:* 1

Date Received/Extracted: *Percent Solids:* 0

Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
75354	1,1-Dichloroethene	0.0050	U
107062	1,2-Dichloroethane	0.0050	U
106467	1,4-Dichlorobenzene	0.0050	U
78933	2-Butanone	0.025	U
71432	Benzene	0.0010	U
56235	Carbon tetrachloride	0.0050	U
108907	Chlorobenzene	0.0050	U
67663	Chloroform	0.0050	U
127184	Tetrachloroethene	0.0050	U
79016	Trichloroethene	0.0050	U
75014	Vinyl chloride	0.0050	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\40901.txt

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\GCMS_1\06-14-02\FY9054.D Vial: 12
Acq On : 14 Jun 2002 18:10 Operator: DTW
Sample : EF12132(6/14/2 Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 17 8:08 2002 Quant Results File: M1_0607A.RE

Quant Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Fri Jun 07 13:04:36 2002
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.45	96	256942	30.00	ug/l	0.03
38) Chlorobenzene-d5	10.23	117	183142	30.00	ug/l	0.03
53) 1,4-Dichlorobenzene-d4	12.04	152	95745	30.00	ug/l	0.03
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.07	102	21026	34.34	ug/l	0.02
Spiked Amount 30.000			Recovery = 114.47%			
49) Toluene-d8	9.00	98	223700	29.21	ug/l	0.03
Spiked Amount 30.000			Recovery = 97.37%			
57) Bromofluorobenzene	11.16	174	67263	28.31	ug/l	0.03
Spiked Amount 30.000			Recovery = 94.37%			
Target Compounds						Qvalue
9) Methylene Chloride	4.17	84	149554	54.76	ug/l	84
13) Acetone	3.57	43	205465	108.63	ug/l	99

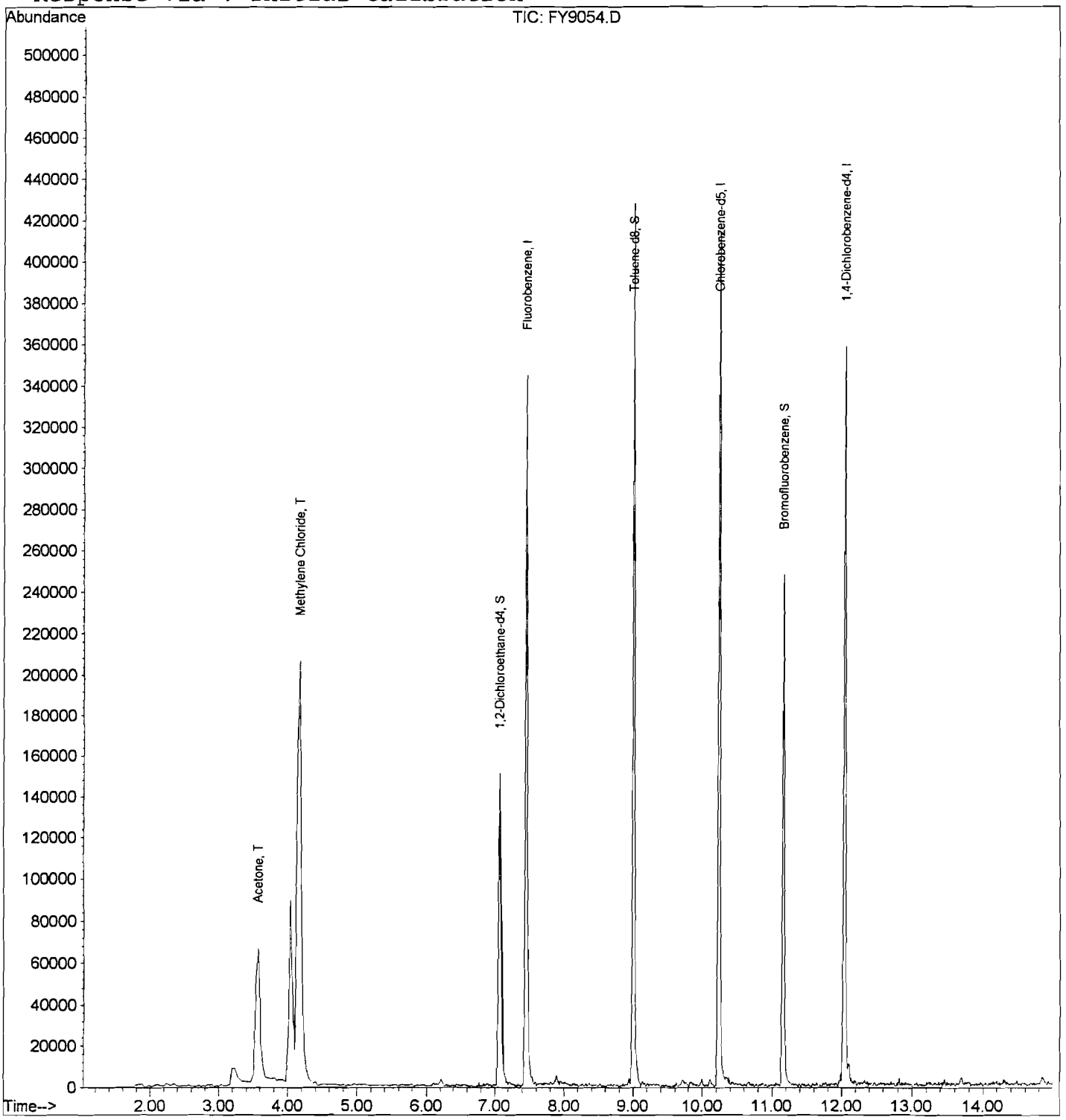
6/17

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\GCMS_1\06-14-02\FY9054.D Vial: 12
Acq On : 14 Jun 2002 18:10 Operator: DTW
Sample : EF12132(6/14/2 Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 17 8:08 2002 Quant Results File: M1_0607A.RES

Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Mon Jun 10 11:11:17 2002
Response via : Initial Calibration



Form1
ORGANICS VOLATILE REPORT

Sample Number: AB57868(T) *Matrix:* Water
Client Id: Sample 002 *Initial Volume:* 5ml
Data File: FY8688 *Final Volume:* NA
Date Analyzed: 5 Jun 2002 17:19 *Dilution Factor:* 1
Date Received/Extracted: 5/22/2002-NA *Percent Solids:* 0
Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
75354	1,1-Dichloroethene	0.0050	U
107062	1,2-Dichloroethane	0.0050	U
106467	1,4-Dichlorobenzene	0.0050	U
78933	2-Butanone	0.025	U
71432	Benzene	0.0010	U
56235	Carbon tetrachloride	0.0050	U
108907	Chlorobenzene	0.0050	U
67663	Chloroform	0.0050	U
127184	Tetrachloroethene	0.0050	U
79016	Trichloroethene	0.0050	U
75014	Vinyl chloride	0.0050	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\45012.txt

Quantitation Report (QT Reviewed)

Data File : G:\GCMSDATA\GCMS_1\06-05-02\FY8688.D Vial: 10
Acq On : 5 Jun 2002 17:19 Operator: DTW
Sample : AB57868(T) Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 18 16:49 2002 Quant Results File: M1_0523A.RES

Quant Method : G:\GCMSDATA\METHODS\M1_0523A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Thu May 23 16:35:14 2002
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.44	96	245911	30.00	ug/l	0.02
38) Chlorobenzene-d5	10.22	117	216744	30.00	ug/l	0.02
53) 1,4-Dichlorobenzene-d4	12.03	152	116519	30.00	ug/l	0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.06	102	17986	29.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.67%			
49) Toluene-d8	8.99	98	275649	32.94	ug/l	0.02
Spiked Amount 30.000			Recovery = 109.80%			
57) Bromofluorobenzene	11.15	174	78987	24.94	ug/l	0.02
Spiked Amount 30.000			Recovery = 83.13%			

Target Compounds Qvalue

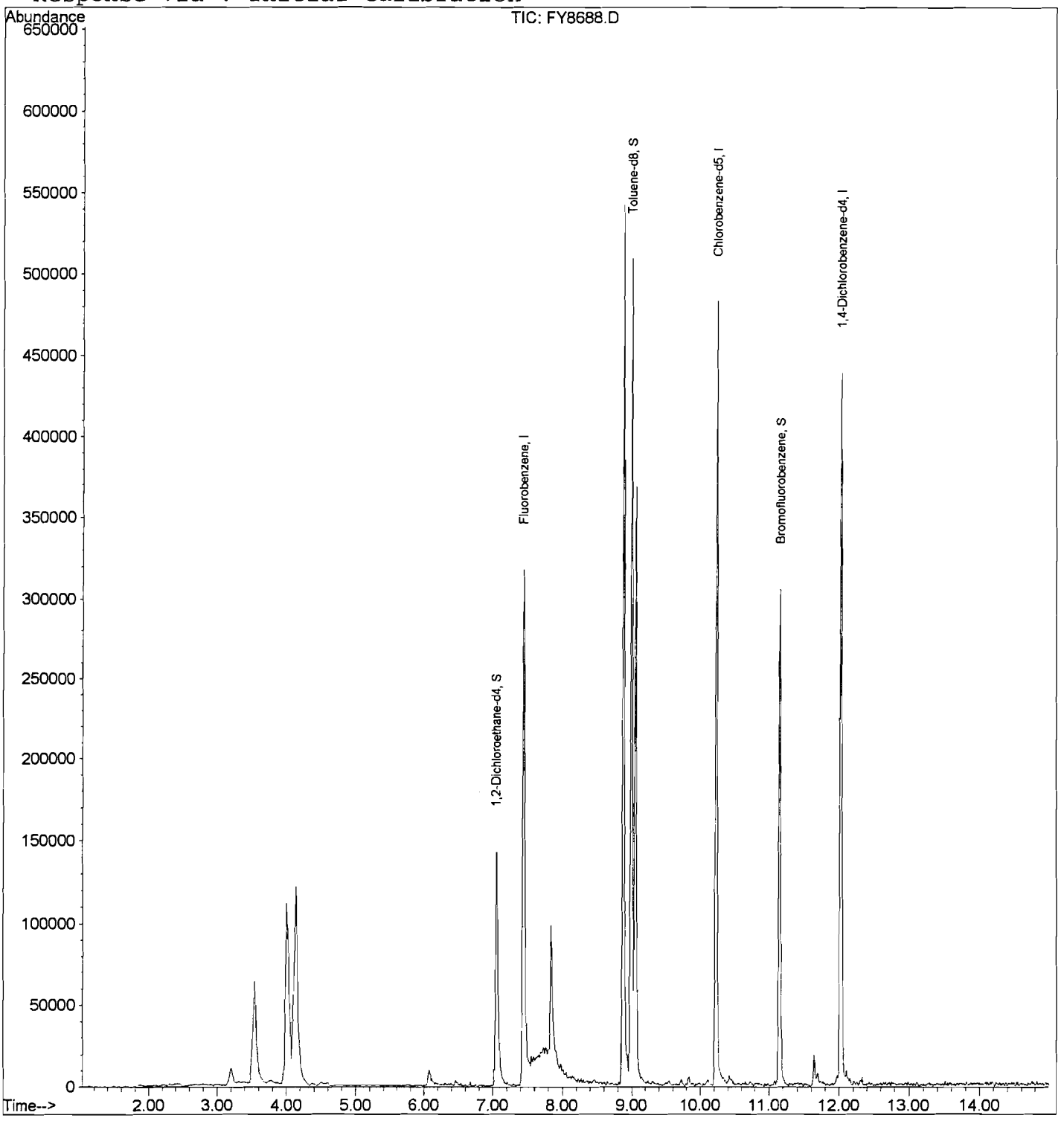
6/18

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GCMSDATA\GCMS_1\06-05-02\FY8688.D Vial: 10
Acq On : 5 Jun 2002 17:19 Operator: DTW
Sample : AB57868(T) Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 18 16:49 2002 Quant Results File: M1_0523A.RE

Method : G:\GCMSDATA\METHODS\M1_0523A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Thu May 23 16:45:05 2002
Response via : Initial Calibration



Form1
ORGANICS VOLATILE REPORT

Sample Number: AB57874(T) *Matrix:* Water

Client Id: Sample 008 *Initial Volume:* 5ml

Data File: FY9052 *Final Volume:* NA

Date Analyzed: 14 Jun 2002 17:22 *Dilution Factor:* 1

Date Received/Extracted: 5/22/2002-NA *Percent Solids:* 0

Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
75354	1,1-Dichloroethene	0.0050	U
107062	1,2-Dichloroethane	0.0050	U
106467	1,4-Dichlorobenzene	0.0050	U
78933	2-Butanone	0.025	U
71432	Benzene	0.0010	U
56235	Carbon tetrachloride	0.0050	U
108907	Chlorobenzene	0.0050	U
67663	Chloroform	0.0050	U
127184	Tetrachloroethene	0.0050	U
79016	Trichloroethene	0.0050	U
75014	Vinyl chloride	0.0050	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\14331.txt

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\GCMS_1\06-14-02\FY9052.D Vial: 10
Acq On : 14 Jun 2002 17:22 Operator: DTW
Sample : AB57874(T) Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 17 13:42 2002 Quant Results File: M1_0607A.RE

Quant Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Mon Jun 10 11:11:17 2002
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.45	96	246404	30.00	ug/l	0.03
38) Chlorobenzene-d5	10.23	117	187717	30.00	ug/l	0.03
53) 1,4-Dichlorobenzene-d4	12.04	152	88833	30.00	ug/l	0.03
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.07	102	19136	32.59	ug/l	0.02
Spiked Amount 30.000			Recovery = 108.63%			
49) Toluene-d8	9.00	98	224897	28.65	ug/l	0.03
Spiked Amount 30.000			Recovery = 95.50%			
57) Bromofluorobenzene	11.15	174	60923	27.64	ug/l	0.02
Spiked Amount 30.000			Recovery = 92.13%			

Target Compounds Qvalue

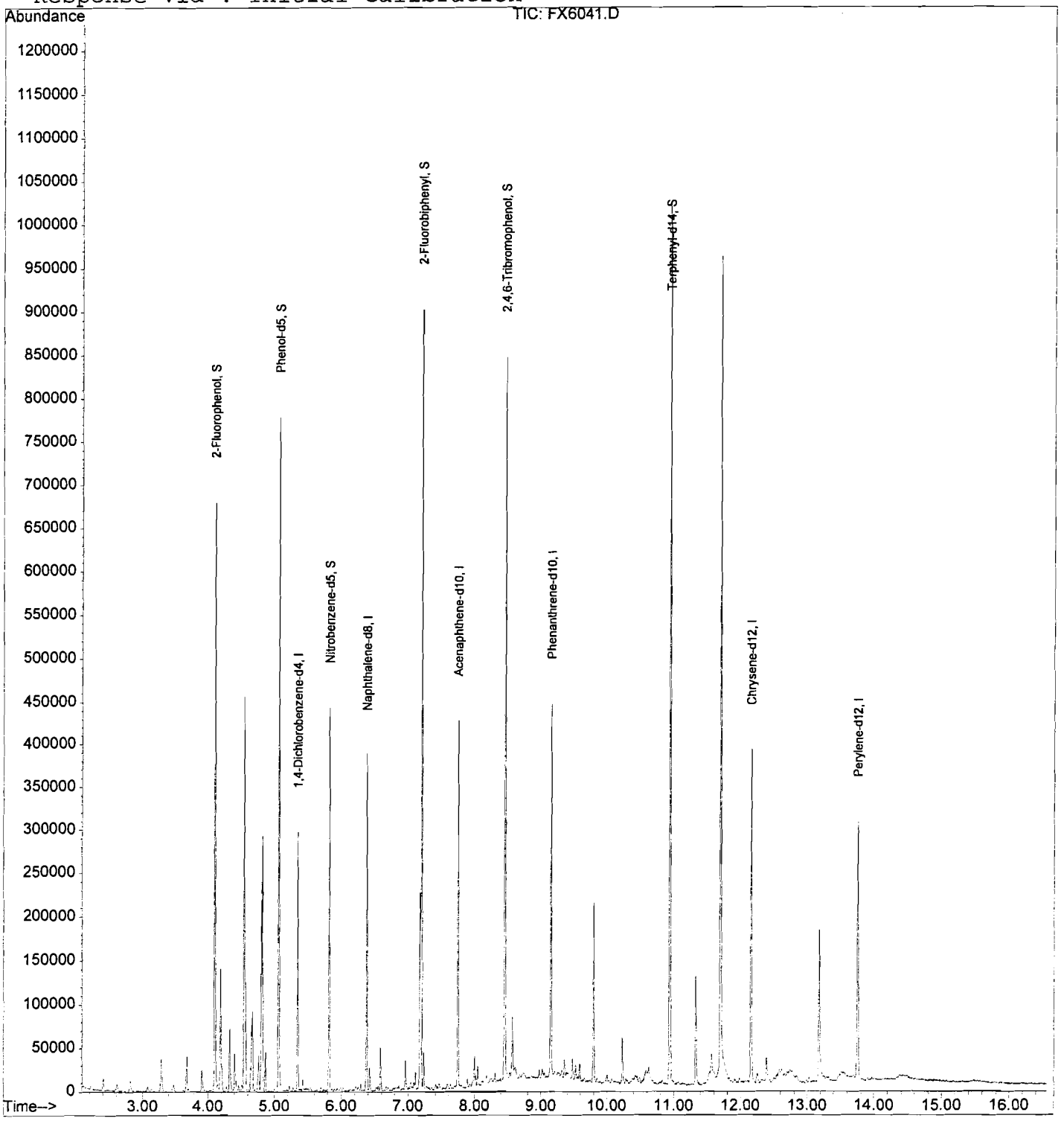
6/17 ✓

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6041.D Vial: 20
Acq On : 28 May 2002 18:27 Operator: Akmal
Sample : AB57868 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:18 2002 Quant Results File: MS5_0528.RES

Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6041.D　　Vial: 20
Acq On : 28 May 2002 18:27　　Operator: Akmal
Sample : AB57868　　Inst : GCMS_5
Misc : A,BNA　　Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:18 2002　　Quant Results File: MS5_0528.RE

Quant Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration
DataAcq Meth : MS5_RUN3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.35	152	32161	40.00	ng	0.00
18) Naphthalene-d8	6.38	136	122049	40.00	ng	0.00
33) Acenaphthene-d10	7.74	164	77232	40.00	ng	0.00
58) Phenanthrene-d10	9.15	188	138977	40.00	ng	0.00
74) Chrysene-d12	12.16	240	134469	40.00	ng	0.00
85) Perylene-d12	13.75	264	93088	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.10	112	167090	164.31	ng	0.00
Spiked Amount 200.000			Recovery =	82.16%		
6) Phenol-d5	5.07	99	210958	156.14	ng	0.00
Spiked Amount 200.000			Recovery =	78.07%		
19) Nitrobenzene-d5	5.82	128	44289	85.12	ng	0.00
Spiked Amount 100.000			Recovery =	85.12%		
41) 2-Fluorobiphenyl	7.20	172	214226	84.40	ng	0.00
Spiked Amount 100.000			Recovery =	84.40%		
61) 2,4,6-Tribromophenol	8.46	330	51891	190.14	ng	0.00
Spiked Amount 200.000			Recovery =	95.07%		
77) Terphenyl-d14	10.94	244	280099	97.43	ng	0.00
Spiked Amount 100.000			Recovery =	97.43%		

Target Compounds　　Qvalue

lle5/29r

(#) = qualifier out of range (m) = manual integration

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AB57868 *Matrix:* Water

Client Id: Sample 002 *Initial Volume:* 250ml

Data File: FX6041 *Final Volume:* 1ml

Date Analyzed: 28 May 2002 18:27 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-5/24/02 *Percent Solids:* 0

Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
95954	2,4,5-Trichlorophenol	0.040	U
88062	2,4,6-Trichlorophenol	0.040	U
121142	2,4-Dinitrotoluene	0.040	U
95487	2-Methylphenol	0.040	U
106445	3&4-Methylphenol	0.040	U
118741	Hexachlorobenzene	0.040	U
87683	Hexachlorobutadiene	0.040	U
67721	Hexachloroethane	0.040	U
98953	Nitrobenzene	0.040	U
87865	Pentachlorophenol	0.040	U
110861	Pyridine	0.080	U

Total Target Concentration 0

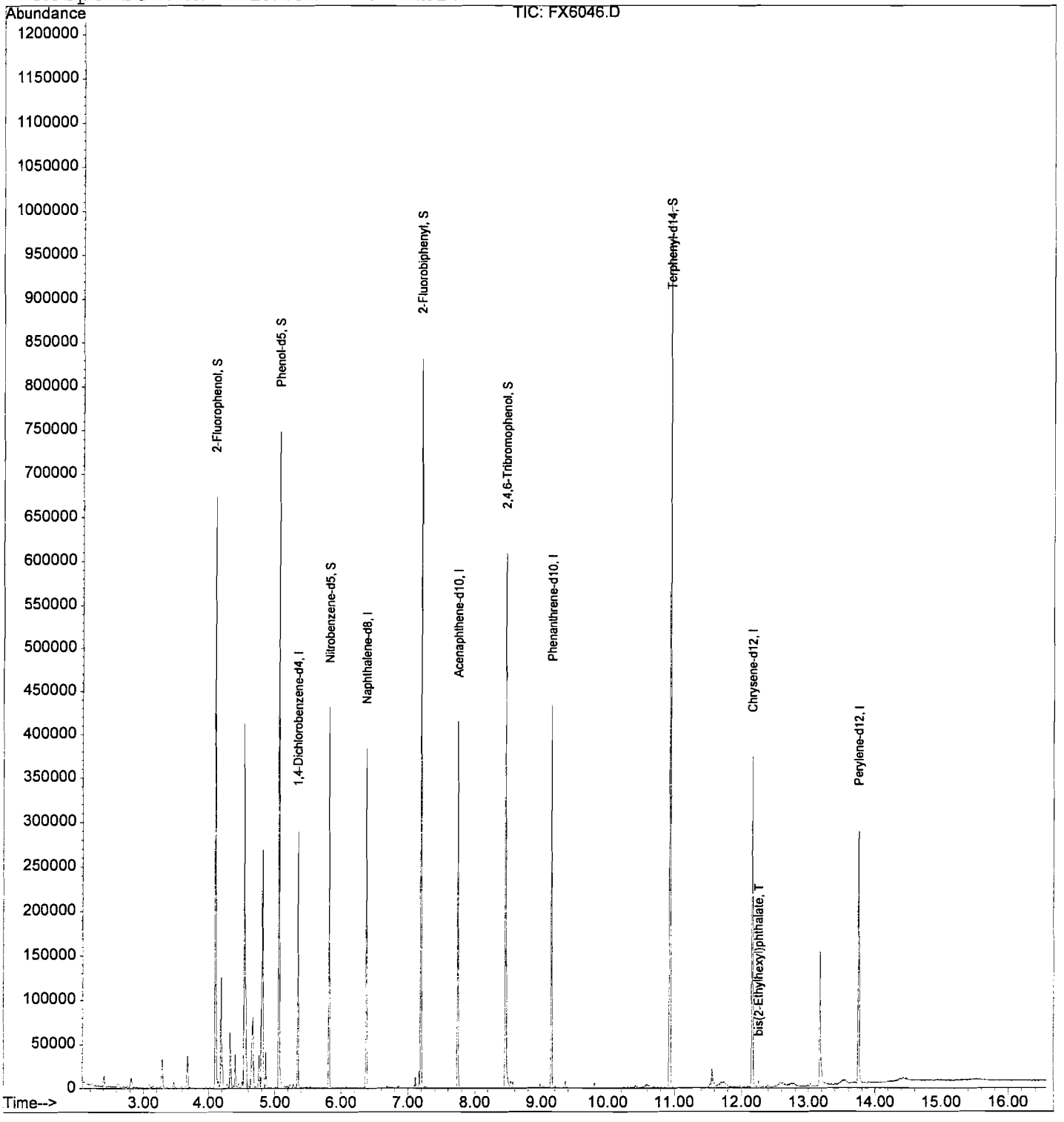
U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\122005.txt

Quantitation Report

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6046.D Vial: 25
Acq On : 28 May 2002 20:25 Operator: Akmal
Sample : EF-1 2132 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:19 2002 Quant Results File: MS5_0528.RE

Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6046.D Vial: 25
Acq On : 28 May 2002 20:25 Operator: Akmal
Sample : EF-1 2132 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:19 2002 Quant Results File: MS5_0528.RES

Quant Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration
DataAcq Meth : MS5_RUN3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.35	152	31960	40.00	ng	0.00
18) Naphthalene-d8	6.38	136	118750	40.00	ng	0.00
33) Acenaphthene-d10	7.74	164	76433	40.00	ng	0.00
58) Phenanthrene-d10	9.15	188	137127	40.00	ng	0.00
74) Chrysene-d12	12.16	240	130947	40.00	ng	0.00
85) Perylene-d12	13.75	264	94970	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.10	112	158579	156.92	ng	0.00
Spiked Amount 200.000			Recovery =	78.46%		
6) Phenol-d5	5.07	99	199487	148.58	ng	0.00
Spiked Amount 200.000			Recovery =	74.29%		
19) Nitrobenzene-d5	5.82	128	42153	83.27	ng	0.00
Spiked Amount 100.000			Recovery =	83.27%		
41) 2-Fluorobiphenyl	7.20	172	207780	82.72	ng	0.00
Spiked Amount 100.000			Recovery =	82.72%		
61) 2,4,6-Tribromophenol	8.46	330	44088	163.73	ng	0.00
Spiked Amount 200.000			Recovery =	81.86%		
77) Terphenyl-d14	10.94	244	270715	96.69	ng	0.00
Spiked Amount 100.000			Recovery =	96.69%		
Target Compounds						Qvalue
84) bis(2-Ethylhexyl)phthalate	12.25	149	4611	1.71	ng	59

12b529r

(#) = qualifier out of range (m) = manual integration

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: EF-1 2132 *Matrix:* Water

Client Id: *Initial Volume:* 250ml

Data File: FX6046 *Final Volume:* 1ml

Date Analyzed: 28 May 2002 20:25 *Dilution Factor:* 1

Date Received/Extracted: NA-5/24/02 *Percent Solids:* 0

Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
95954	2,4,5-Trichlorophenol	0.040	U
88062	2,4,6-Trichlorophenol	0.040	U
121142	2,4-Dinitrotoluene	0.040	U
95487	2-Methylphenol	0.040	U
106445	3&4-Methylphenol	0.040	U
118741	Hexachlorobenzene	0.040	U
87683	Hexachlorobutadiene	0.040	U
67721	Hexachloroethane	0.040	U
98953	Nitrobenzene	0.040	U
87865	Pentachlorophenol	0.040	U
110861	Pyridine	0.080	U

Total Target Concentration 0

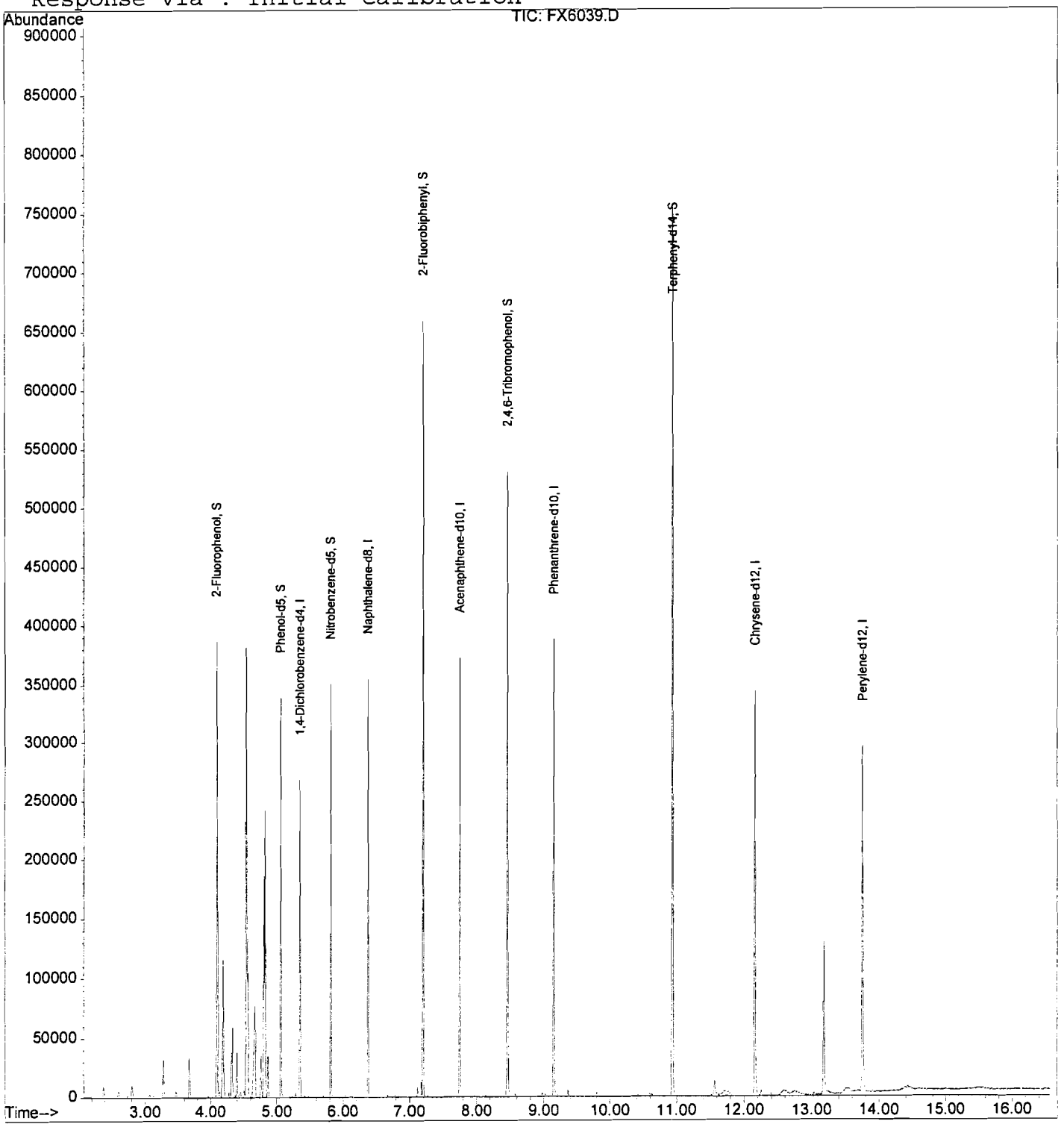
U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\122005.txt

Quantitation Report

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6039.D Vial: 18
Acq On : 28 May 2002 17:40 Operator: Akmal
Sample : WMB1597 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:19 2002 Quant Results File: MS5_0528.RES

Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6039.D Vial: 18
Acq On : 28 May 2002 17:40 Operator: Akmal
Sample : WMB1597 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:19 2002 Quant Results File: MS5_0528.RE

Quant Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration
DataAcq Meth : MS5_RUN3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.35	152	28607	40.00 ng	0.00
18) Naphthalene-d8	6.38	136	108862	40.00 ng	0.00
33) Acenaphthene-d10	7.74	164	69027	40.00 ng	0.00
58) Phenanthrene-d10	9.15	188	122930	40.00 ng	0.00
74) Chrysene-d12	12.16	240	121509	40.00 ng	0.00
85) Perylene-d12	13.75	264	92997	40.00 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	4.09	112	92916	102.72 ng	0.00
Spiked Amount 200.000			Recovery	= 51.36%	
6) Phenol-d5	5.06	99	88533	73.67 ng	0.00
Spiked Amount 200.000			Recovery	= 36.84%	
19) Nitrobenzene-d5	5.81	128	33368	71.90 ng	0.00
Spiked Amount 100.000			Recovery	= 71.90%	
41) 2-Fluorobiphenyl	7.20	172	164615	72.57 ng	0.00
Spiked Amount 100.000			Recovery	= 72.57%	
61) 2,4,6-Tribromophenol	8.46	330	36766	152.31 ng	0.00
Spiked Amount 200.000			Recovery	= 76.16%	
77) Terphenyl-d14	10.94	244	217584	83.75 ng	0.00
Spiked Amount 100.000			Recovery	= 83.75%	

Target Compounds Qvalue

115a9n

(#) = qualifier out of range (m) = manual integration

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB1597 *Matrix:* Water

Client Id: *Initial Volume:* 1000ml

Data File: FX6039 *Final Volume:* 1ml

Date Analyzed: 28 May 2002 17:40 *Dilution Factor:* 1

Date Received/Extracted: NA-5/24/02 *Percent Solids:* 0

Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
95954	2,4,5-Trichlorophenol	0.010	U
88062	2,4,6-Trichlorophenol	0.010	U
121142	2,4-Dinitrotoluene	0.010	U
95487	2-Methylphenol	0.010	U
106445	3&4-Methylphenol	0.010	U
118741	Hexachlorobenzene	0.010	U
87683	Hexachlorobutadiene	0.010	U
67721	Hexachloroethane	0.010	U
98953	Nitrobenzene	0.010	U
87865	Pentachlorophenol	0.010	U
110861	Pyridine	0.020	U

Total Target Concentration 0

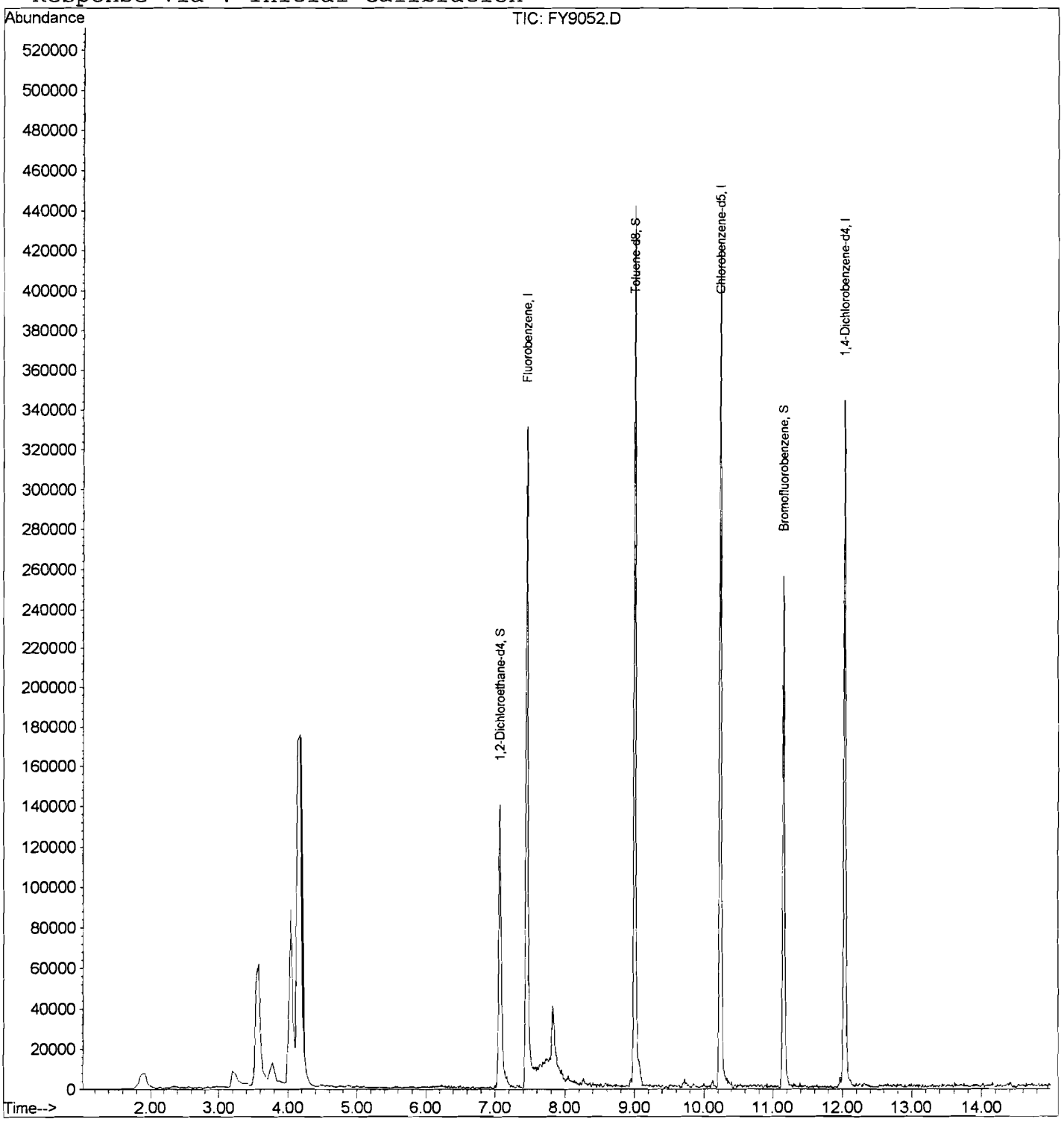
U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\122005.txt

Quantitation Report

Data File : G:\GcMsData\GCMS_1\06-14-02\FY9052.D Vial: 10
Acq On : 14 Jun 2002 17:22 Operator: DTW
Sample : AB57874(T) Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 17 13:42 2002 Quant Results File: M1_0607A.RE

Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Fri Jun 07 13:04:36 2002
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AB57869 *Matrix:* Water

Client Id: Sample 003 *Initial Volume:* 250ml

Data File: FX6042 *Final Volume:* 1ml

Date Analyzed: 28 May 2002 18:51 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-5/24/02 *Percent Solids:* 0

Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
95954	2,4,5-Trichlorophenol	0.040	U
88062	2,4,6-Trichlorophenol	0.040	U
121142	2,4-Dinitrotoluene	0.040	U
95487	2-Methylphenol	0.040	U
106445	3&4-Methylphenol	0.040	U
118741	Hexachlorobenzene	0.040	U
87683	Hexachlorobutadiene	0.040	U
67721	Hexachloroethane	0.040	U
98953	Nitrobenzene	0.040	U
87865	Pentachlorophenol	0.040	U
110861	Pyridine	0.080	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\122005.txt

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6042.D Vial: 21
Acq On : 28 May 2002 18:51 Operator: Akmal
Sample : AB57869 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:18 2002 Quant Results File: MS5_0528.RE

Quant Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration
DataAcq Meth : MS5_RUN3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.35	152	28511	40.00	ng	0.00
18) Naphthalene-d8	6.37	136	105279	40.00	ng	0.00
33) Acenaphthene-d10	7.74	164	68276	40.00	ng	0.00
58) Phenanthrene-d10	9.15	188	122475	40.00	ng	0.00
74) Chrysene-d12	12.16	240	120543	40.00	ng	0.00
85) Perylene-d12	13.75	264	88125	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.10	112	154656	171.55	ng	0.00
Spiked Amount 200.000			Recovery =	85.78%		
6) Phenol-d5	5.07	99	195611	163.32	ng	0.00
Spiked Amount 200.000			Recovery =	81.66%		
19) Nitrobenzene-d5	5.82	128	41556	92.59	ng	0.00
Spiked Amount 100.000			Recovery =	92.59%		
41) 2-Fluorobiphenyl	7.20	172	203834	90.84	ng	0.00
Spiked Amount 100.000			Recovery =	90.84%		
61) 2,4,6-Tribromophenol	8.46	330	45827	190.55	ng	0.00
Spiked Amount 200.000			Recovery =	95.28%		
77) Terphenyl-d14	10.94	244	262255	101.76	ng	0.00
Spiked Amount 100.000			Recovery =	101.76%		

Target Compounds Qvalue

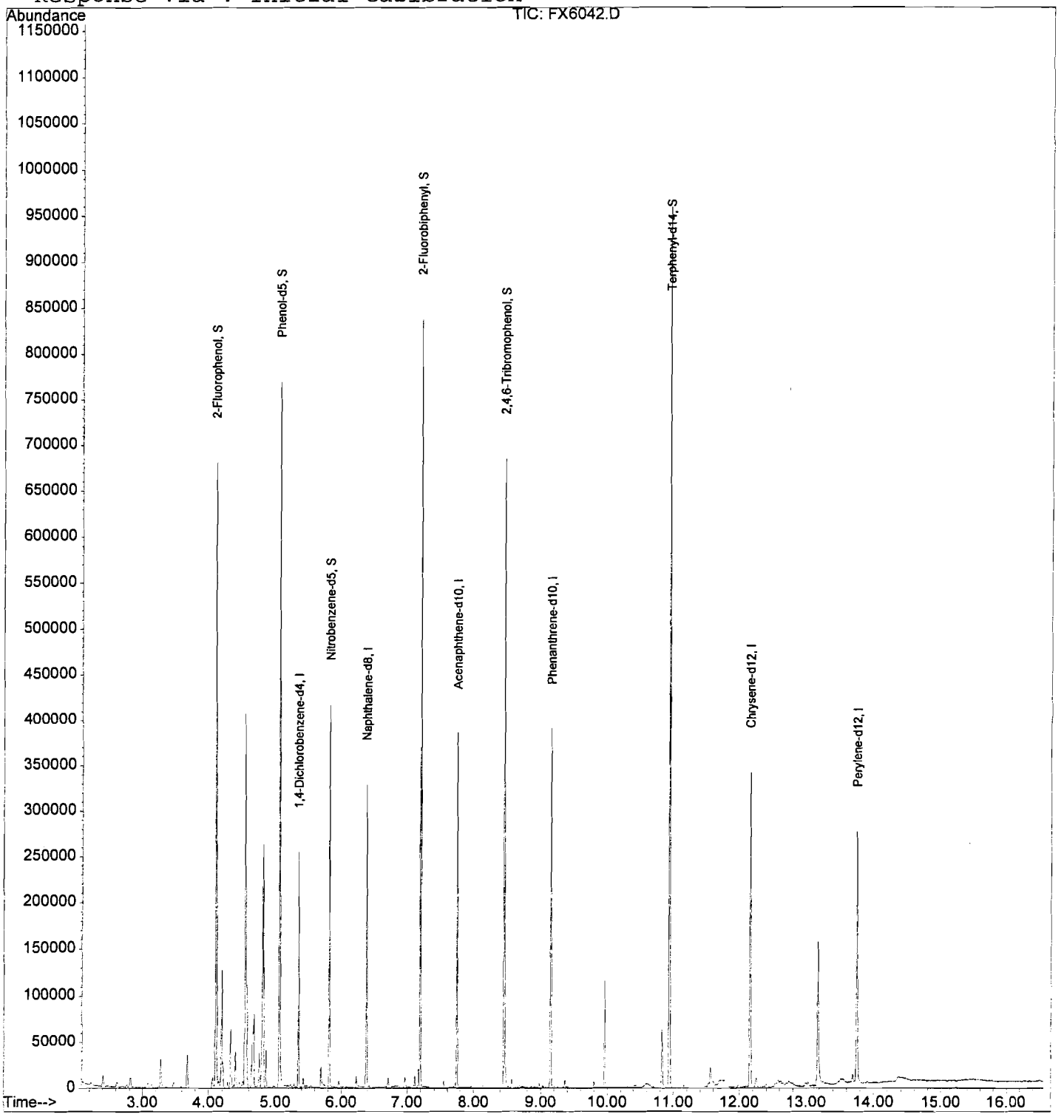
/U 5/29 v

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6042.D Vial: 21
Acq On : 28 May 2002 18:51 Operator: Akmal
Sample : AB57869 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:18 2002 Quant Results File: MS5_0528.RES

Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AB57873 *Matrix:* Water

Client Id: Sample 007 *Initial Volume:* 250ml

Data File: FX6043 *Final Volume:* 1ml

Date Analyzed: 28 May 2002 19:14 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-5/24/02 *Percent Solids:* 0

Column: Supelco 105 m vocol col,.5 mm id, 3.0 um film

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
95954	2,4,5-Trichlorophenol	0.040	U
88062	2,4,6-Trichlorophenol	0.040	U
121142	2,4-Dinitrotoluene	0.040	U
95487	2-Methylphenol	0.040	U
106445	3&4-Methylphenol	0.040	U
118741	Hexachlorobenzene	0.040	U
87683	Hexachlorobutadiene	0.040	U
67721	Hexachloroethane	0.040	U
98953	Nitrobenzene	0.040	U
87865	Pentachlorophenol	0.040	U
110861	Pyridine	0.080	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\122005.txt

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6043.D Vial: 22
Acq On : 28 May 2002 19:14 Operator: Akmal
Sample : AB57873 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:18 2002 Quant Results File: MS5_0528.RES

Quant Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration
DataAcq Meth : MS5_RUN3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.35	152	31095	40.00	ng	0.00
18) Naphthalene-d8	6.37	136	117038	40.00	ng	0.00
33) Acenaphthene-d10	7.74	164	76879	40.00	ng	0.00
58) Phenanthrene-d10	9.15	188	139390	40.00	ng	0.00
74) Chrysene-d12	12.16	240	132480	40.00	ng	0.00
85) Perylene-d12	13.75	264	93834	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.10	112	152884	155.49	ng	0.00
Spiked Amount 200.000			Recovery = 77.75%			
6) Phenol-d5	5.07	99	194485	148.88	ng	0.00
Spiked Amount 200.000			Recovery = 74.44%			
19) Nitrobenzene-d5	5.82	128	41469	83.11	ng	0.00
Spiked Amount 100.000			Recovery = 83.11%			
41) 2-Fluorobiphenyl	7.20	172	204762	81.05	ng	0.00
Spiked Amount 100.000			Recovery = 81.05%			
61) 2,4,6-Tribromophenol	8.46	330	48625	177.65	ng	0.00
Spiked Amount 200.000			Recovery = 88.83%			
77) Terphenyl-d14	10.94	244	251136	88.66	ng	0.00
Spiked Amount 100.000			Recovery = 88.66%			
Target Compounds						Qvalue

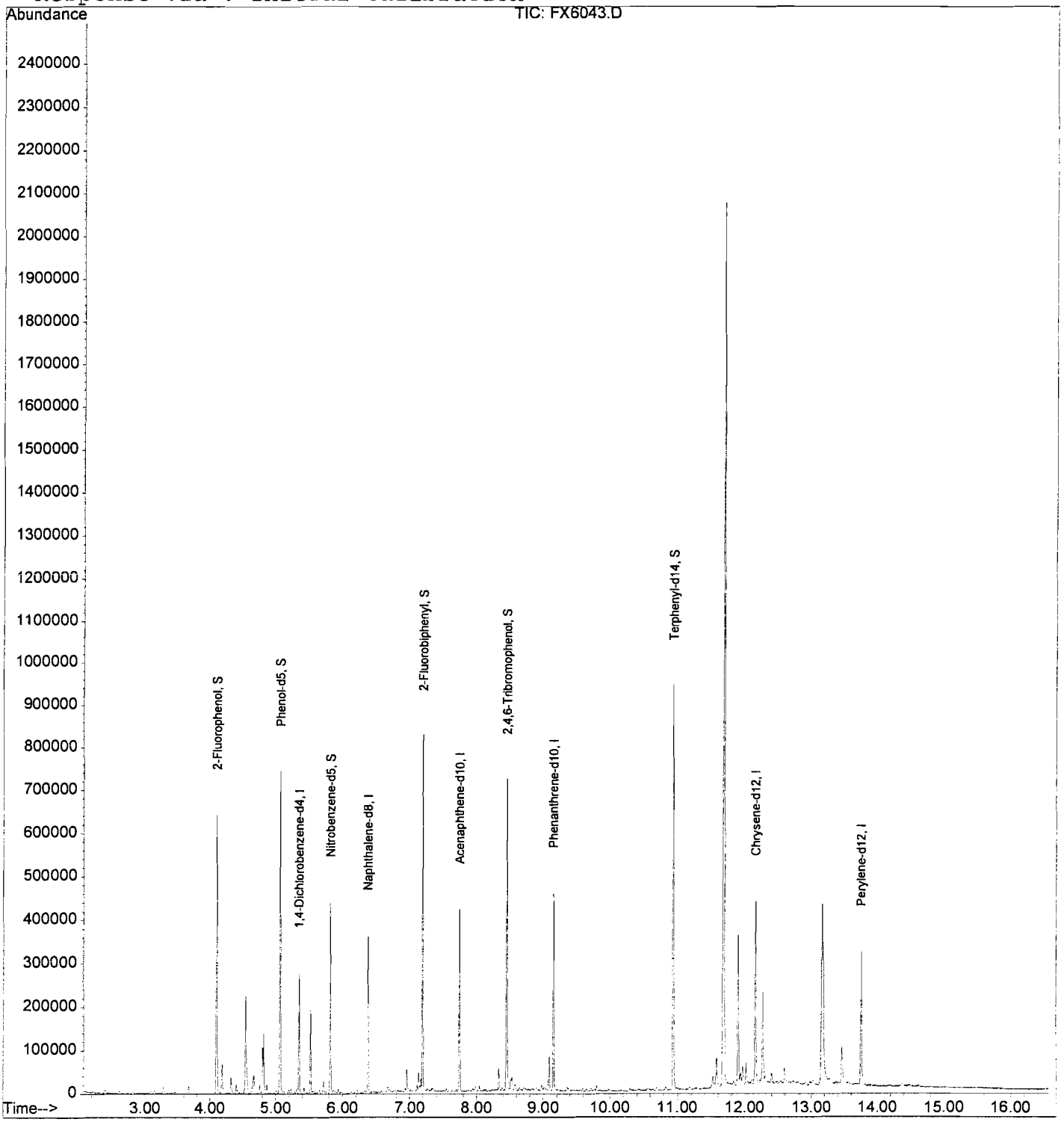
11529

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\GCMS_5\05-28-02\FX6043.D Vial: 22
Acq On : 28 May 2002 19:14 Operator: Akmal
Sample : AB57873 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 29 12:18 2002 Quant Results File: MS5_0528.RE

Method : G:\GCMSDATA\METHODS\MS5_0528.M (RTE Integrator)
Title : @GCMS_5
Last Update : Tue May 28 13:40:29 2002
Response via : Initial Calibration



Form1

ORGANICS PCB REPORT

Sample Number: SMB1817 *Matrix:* Soil

Client Id: *Initial Volume:* 30g

Data File: GC37822 *Final Volume:* 10ml

Date Analyzed: 24 May 2002 8:48 *Dilution Factor:* 1

Date Received/Extracted: NA-5/23/02 *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.017	U
11104282	Aroclor-1221	0.017	U
11141165	Aroclor-1232	0.017	U
53469219	Aroclor-1242	0.017	U
12672296	Aroclor-1248	0.017	U
11097691	Aroclor-1254	0.017	U
11096825	Aroclor-1260	0.017	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GcData\Gc_2\05-24-02\GC37822.D\ECD1A.CH Vial: 2
Signal #2 : G:\GcData\Gc_2\05-24-02\GC37822.D\ECD2B.CH
Acq On : 24 May 2002 8:48 Operator: JK
Sample : SMB1817 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 24 9:02 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 02 14:21:19 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.80	2.72	1198452	2758168	84.890	80.757
35)	DCB-Surrogate	9.22	9.50	1404257	1922818	87.139	69.592m

05/30/02 JK

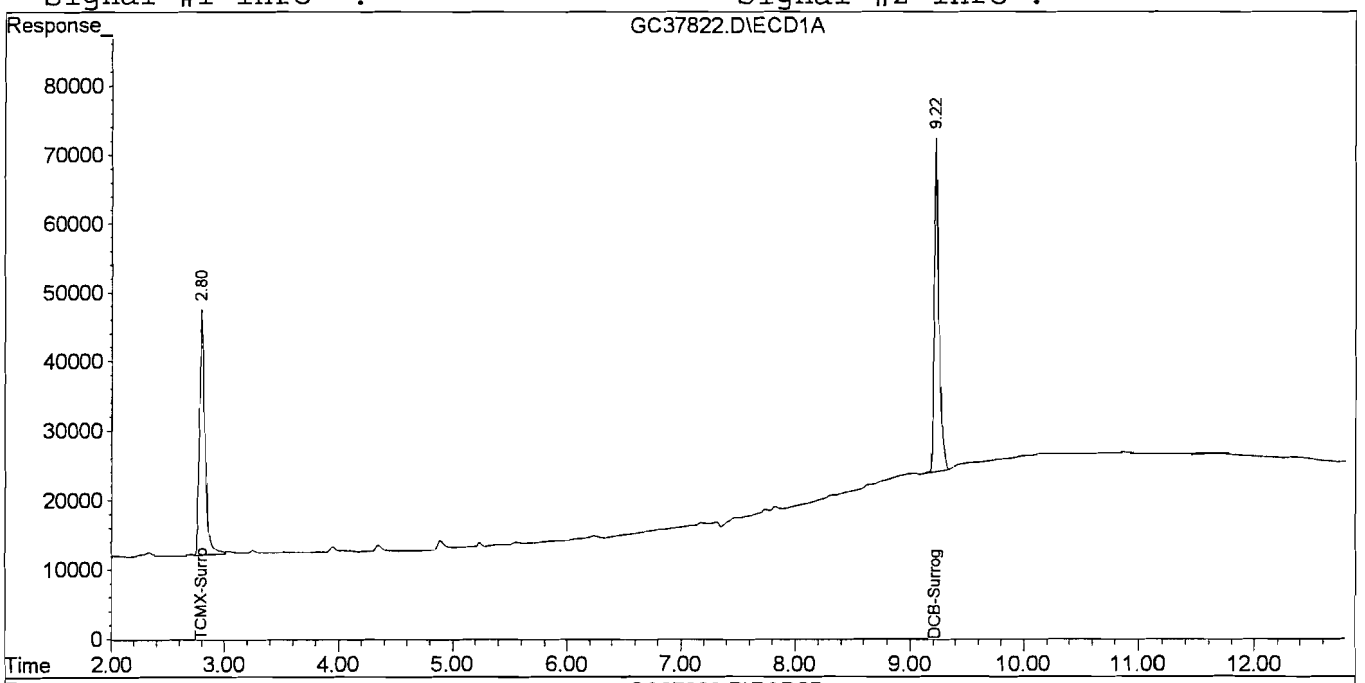
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

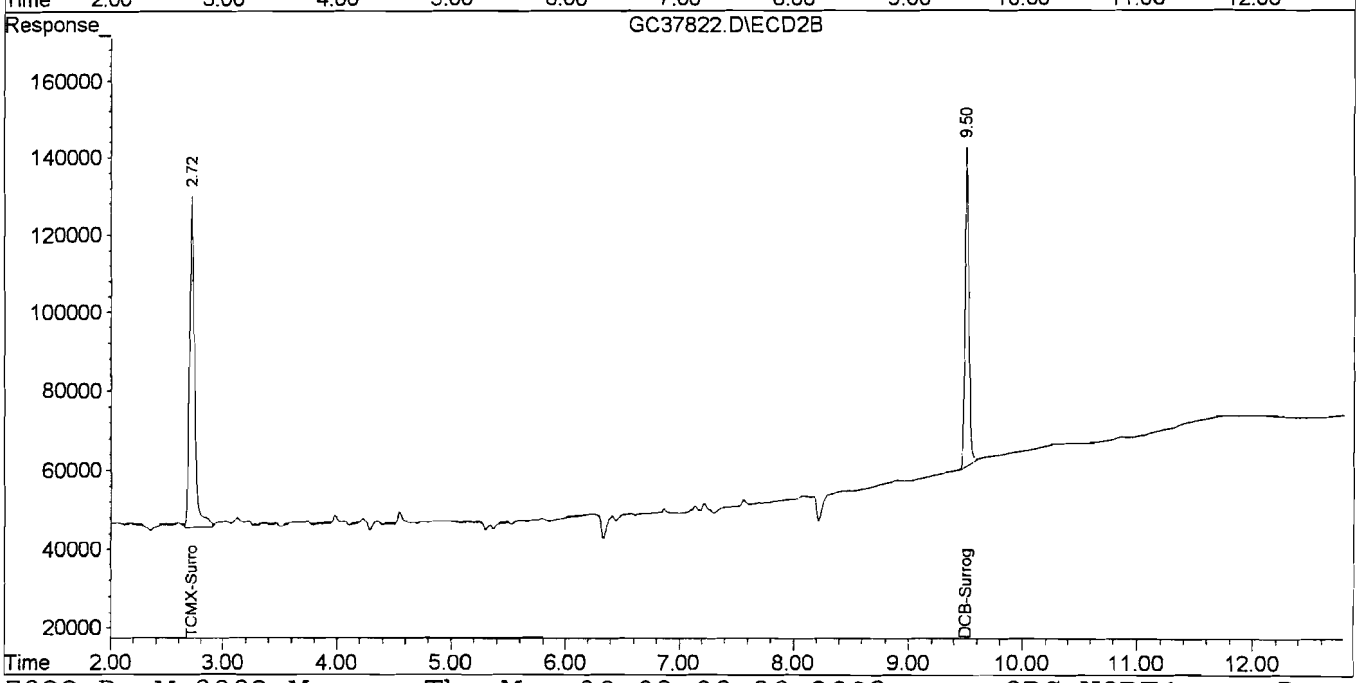
Quantitation Report

Signal #1 : G:\GcData\Gc_2\05-24-02\GC37822.D\ECD1A.CH Vial: 2
Signal #2 : G:\GcData\Gc_2\05-24-02\GC37822.D\ECD2B.CH
Acq On : 24 May 2002 8:48 Operator: JK
Sample : SMB1817 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 24 9:02 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 02 14:21:19 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AB57867(10X) *Matrix:* Soil

Client Id: Sample 001 *Initial Volume:* 30g

Data File: GC37868 *Final Volume:* 10ml

Date Analyzed: 28 May 2002 19:34 *Dilution Factor:* 10

Date Received/Extracted: 5/22/02-05/23/02 *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.17	U
11104282	Aroclor-1221	0.17	U
11141165	Aroclor-1232	0.17	U
53469219	Aroclor-1242	0.17	U
12672296	Aroclor-1248	0.17	U
11097691	Aroclor-1254	0.17	U
11096825	Aroclor-1260	0.17	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GcData\Gc_2\05-2802\GC37868.D\ECD1A.CH Vial: 25
Signal #2 : G:\GcData\Gc_2\05-2802\GC37868.D\ECD2B.CH
Acq On : 28 May 2002 19:34 Operator: JK
Sample : AB57867(10X) Inst : gc_2
Misc : S,PCB:10 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 30 9:03 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.75	2.72	107757	82699	7.096	7.901
55)	DCB-Surrogate	9.14	9.48	194027	49309	12.991m	6.352m#

05/30/02

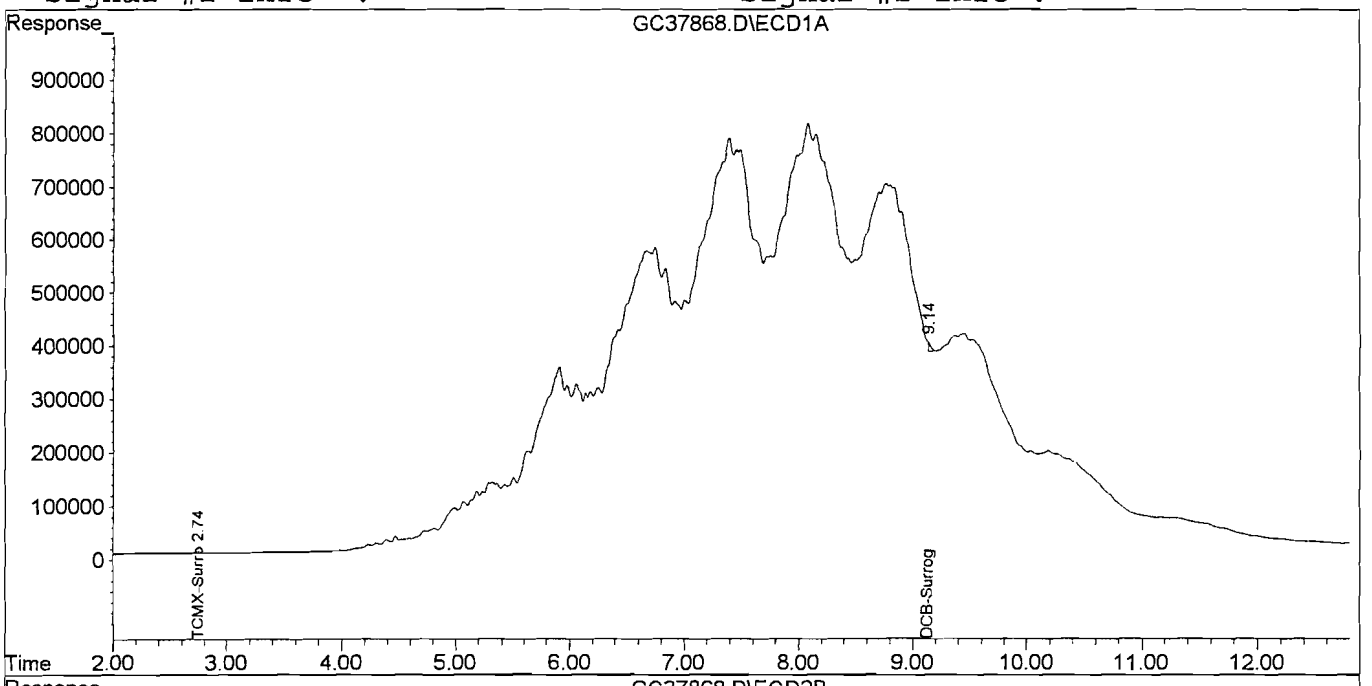
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

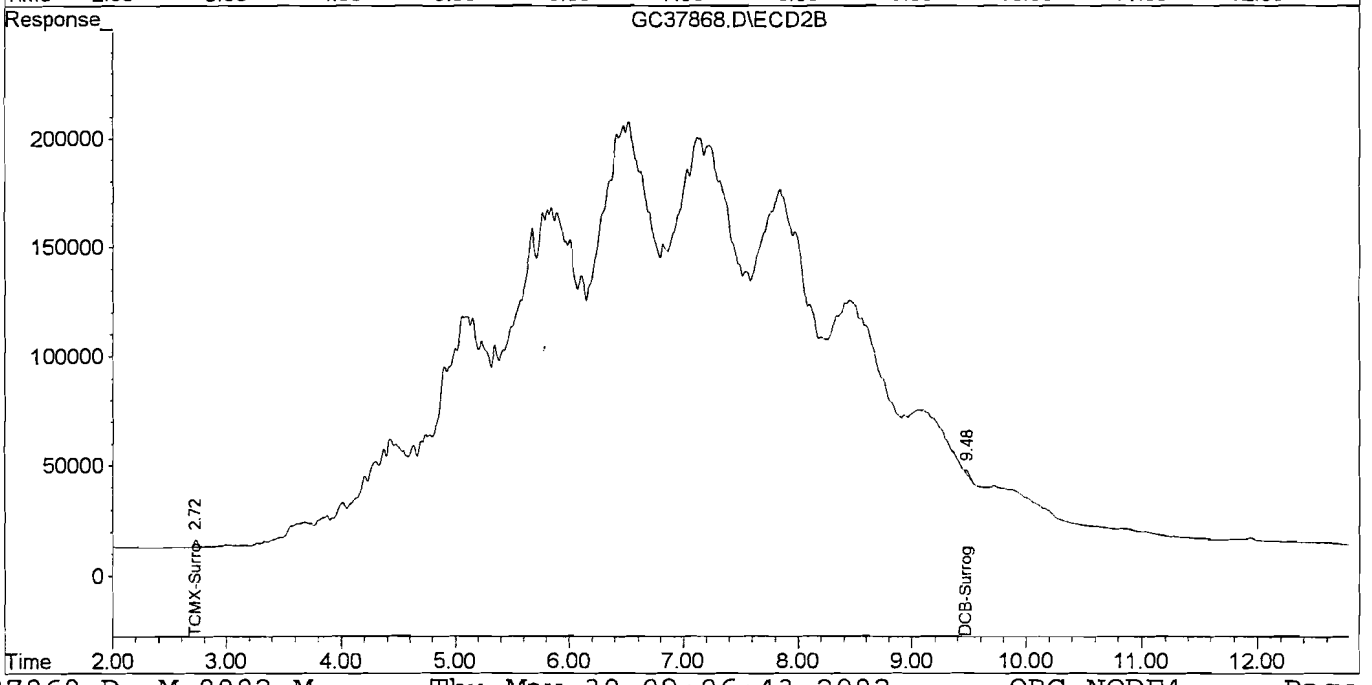
Quantitation Report

Signal #1 : G:\GcData\Gc_2\05-2802\GC37868.D\ECD1A.CH Vial: 25
Signal #2 : G:\GcData\Gc_2\05-2802\GC37868.D\ECD2B.CH
Acq On : 28 May 2002 19:34 Operator: JK
Sample : AB57867(10X) Inst : gc_2
Misc : S,PCB:10 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 30 9:03 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AB57868 *Matrix:* Soil

Client Id: Sample 002 *Initial Volume:* 30g

Data File: GC37869 *Final Volume:* 10ml

Date Analyzed: 28 May 2002 20:13 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/23/02 *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.017	U
11104282	Aroclor-1221	0.017	U
11141165	Aroclor-1232	0.017	U
53469219	Aroclor-1242	0.017	U
12672296	Aroclor-1248	0.017	0.11
11097691	Aroclor-1254	0.017	U
11096825	Aroclor-1260	0.017	U

Total Target Concentration 0.11

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GcData\Gc_2\05-2802\GC37869.D\ECD1A.CH Vial: 26
Signal #2 : G:\GcData\Gc_2\05-2802\GC37869.D\ECD2B.CH
Acq On : 28 May 2002 20:13 Operator: JK
Sample : AB57868 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 10:11 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Wed May 29 10:10:28 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.74	2.72	1294133	851472	85.221	81.351
25)	Aroclor-1248 {1}	3.72	3.85	129543	118040	468.094m	513.029m
26)	Aroclor-1248 {2}	4.23	4.23	151327	123658	201.191m	211.170
27)	Aroclor-1248 {3}	4.60	4.58	325793	114920	332.022	293.433
28)	Aroclor-1248 {4}	4.86	4.95	237043	73976	347.626m	196.466 #
35)	DCB-Surrogate	9.13	9.48	1380925	657770	92.456	84.734

05/30/02 JK

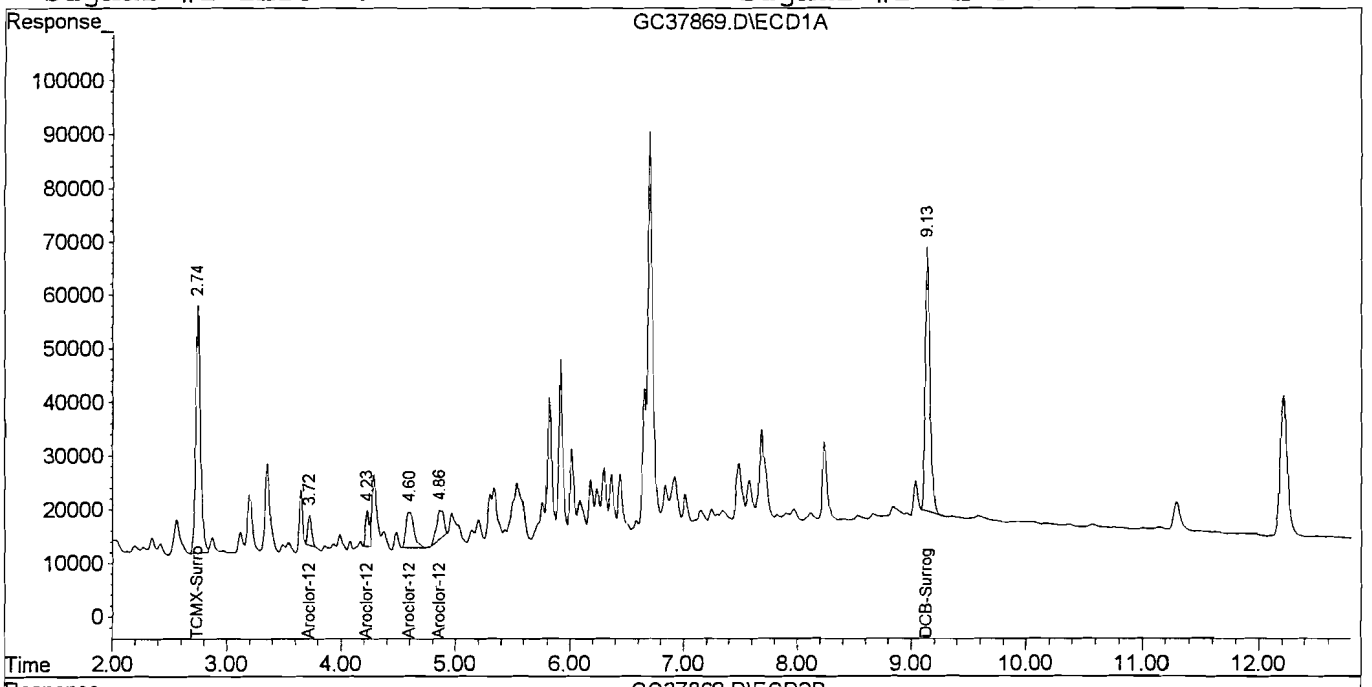
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

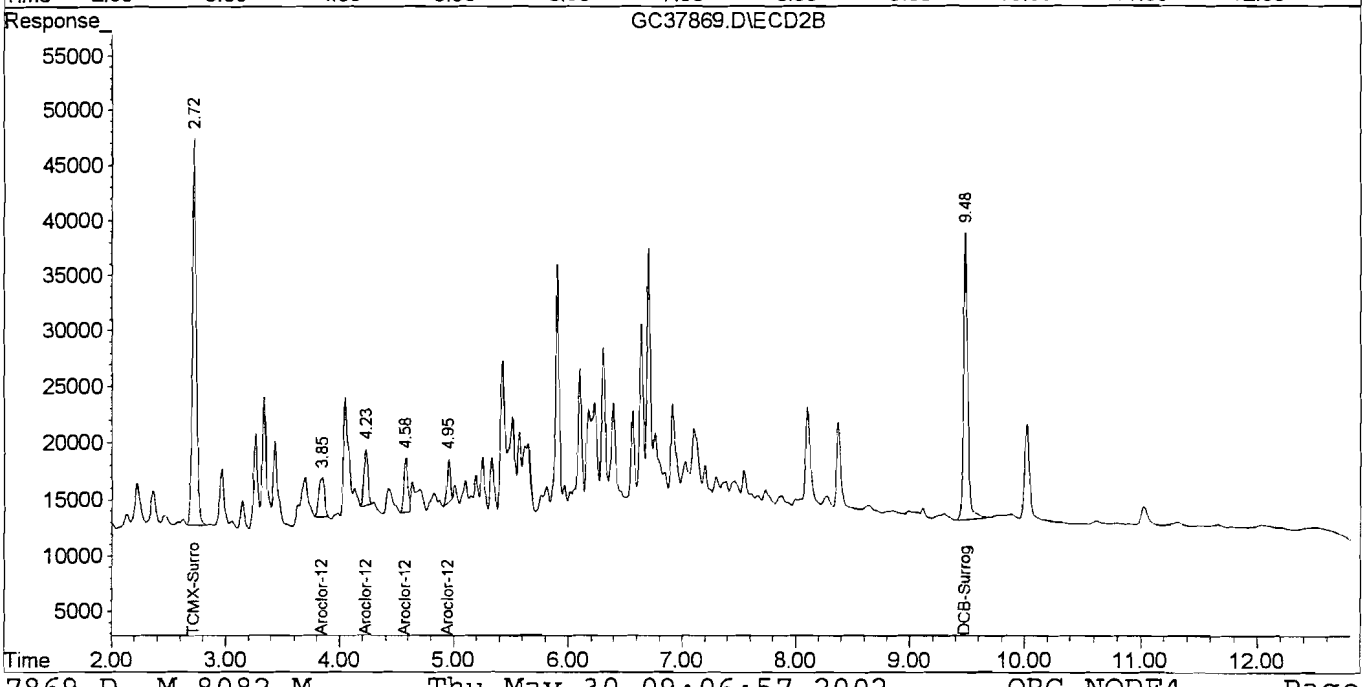
Quantitation Report

Signal #1 : G:\GcData\Gc_2\05-2802\GC37869.D\ECD1A.CH Vial: 26
Signal #2 : G:\GcData\Gc_2\05-2802\GC37869.D\ECD2B.CH
Acq On : 28 May 2002 20:13 Operator: JK
Sample : AB57868 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 10:11 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Wed May 29 10:10:28 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AB57869 *Matrix:* Soil

Client Id: Sample 003 *Initial Volume:* 30g

Data File: GC37870 *Final Volume:* 10ml

Date Analyzed: 28 May 2002 20:32 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/23/02 *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.017	U
11104282	Aroclor-1221	0.017	U
11141165	Aroclor-1232	0.017	U
53469219	Aroclor-1242	0.017	U
12672296	Aroclor-1248	0.017	U
11097691	Aroclor-1254	0.017	U
11096825	Aroclor-1260	0.017	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GcData\Gc_2\05-2802\GC37870.D\ECD1A.CH Vial: 27
Signal #2 : G:\GcData\Gc_2\05-2802\GC37870.D\ECD2B.CH
Acq On : 28 May 2002 20:32 Operator: JK
Sample : AB57869 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 10:15 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.75	2.72	1516983	956215	99.896	91.359
6)	DCB-Surrogate	9.13	9.48	1692830	757295	113.339m	97.555

05/30/02

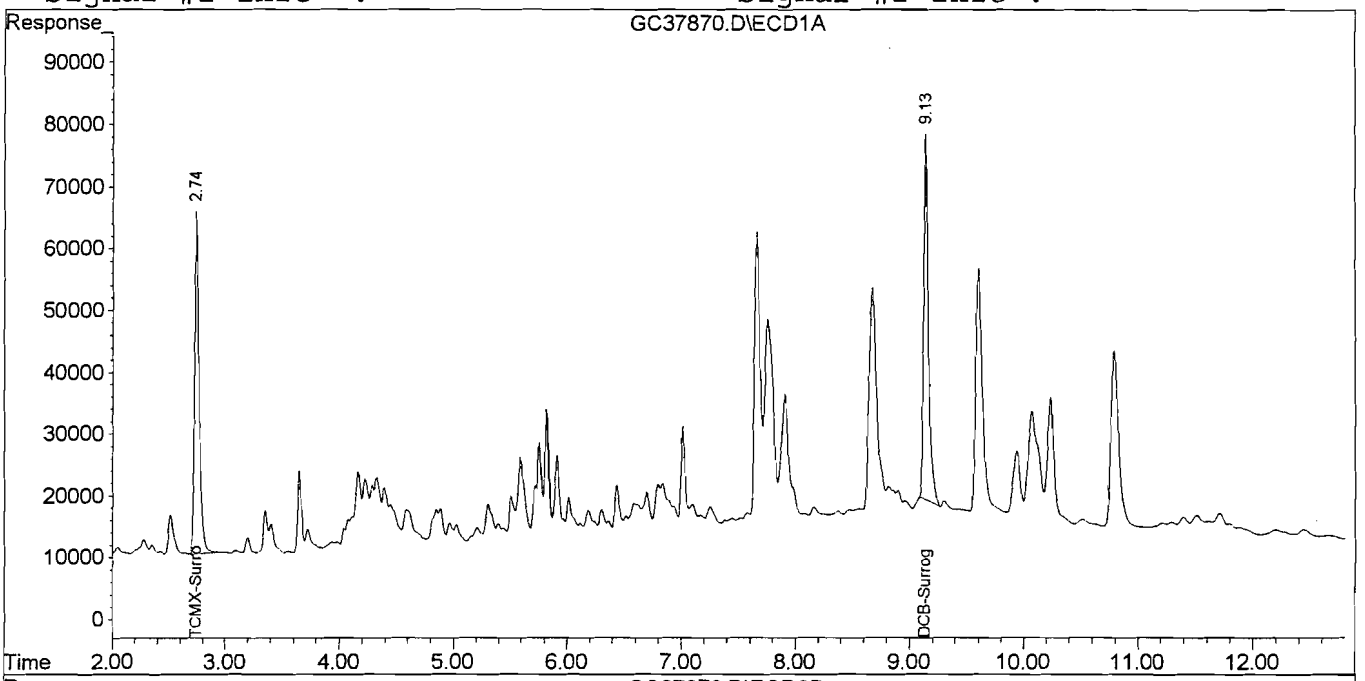
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

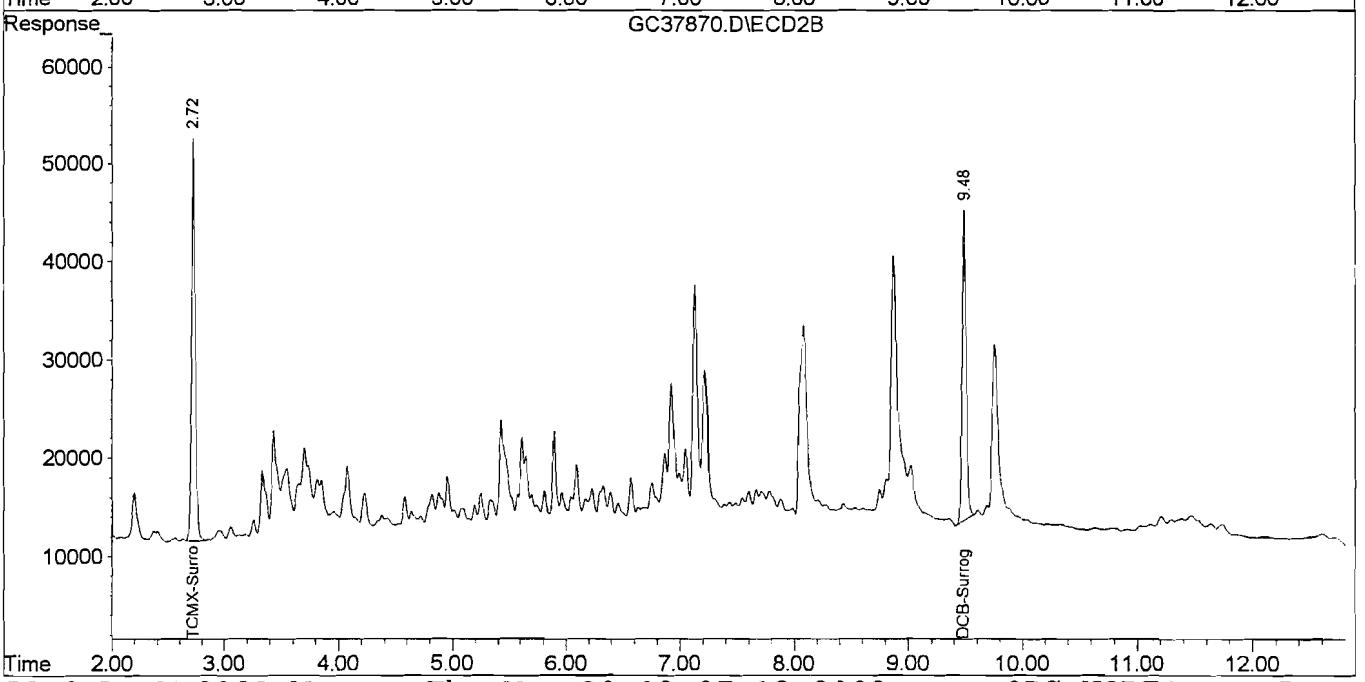
Quantitation Report

Signal #1 : G:\GcData\Gc_2\05-2802\GC37870.D\ECD1A.CH Vial: 27
Signal #2 : G:\GcData\Gc_2\05-2802\GC37870.D\ECD2B.CH
Acq On : 28 May 2002 20:32 Operator: JK
Sample : AB57869 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 10:15 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AB57870 | *Matrix:* Soil

Client Id: Sample 004 | *Initial Volume:* 30g

Data File: GC37840 | *Final Volume:* 10ml

Date Analyzed: 24 May 2002 14:56 | *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/23/02 | *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.017	U
11104282	Aroclor-1221	0.017	U
11141165	Aroclor-1232	0.017	U
53469219	Aroclor-1242	0.017	U
12672296	Aroclor-1248	0.017	U
11097691	Aroclor-1254	0.017	U
11096825	Aroclor-1260	0.017	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GcData\Gc_2\05-24-02\GC37840.D\ECD1A.CH Vial: 20
Signal #2 : G:\GcData\Gc_2\05-24-02\GC37840.D\ECD2B.CH
Acq On : 24 May 2002 14:56 Operator: JK
Sample : AB57870 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 24 15:06 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 02 14:21:19 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.81	2.72	1304219	3340114	92.381	97.796
35)	DCB-Surrogate	9.23	9.51	1274259	2169560	79.072	78.522

05/30/02

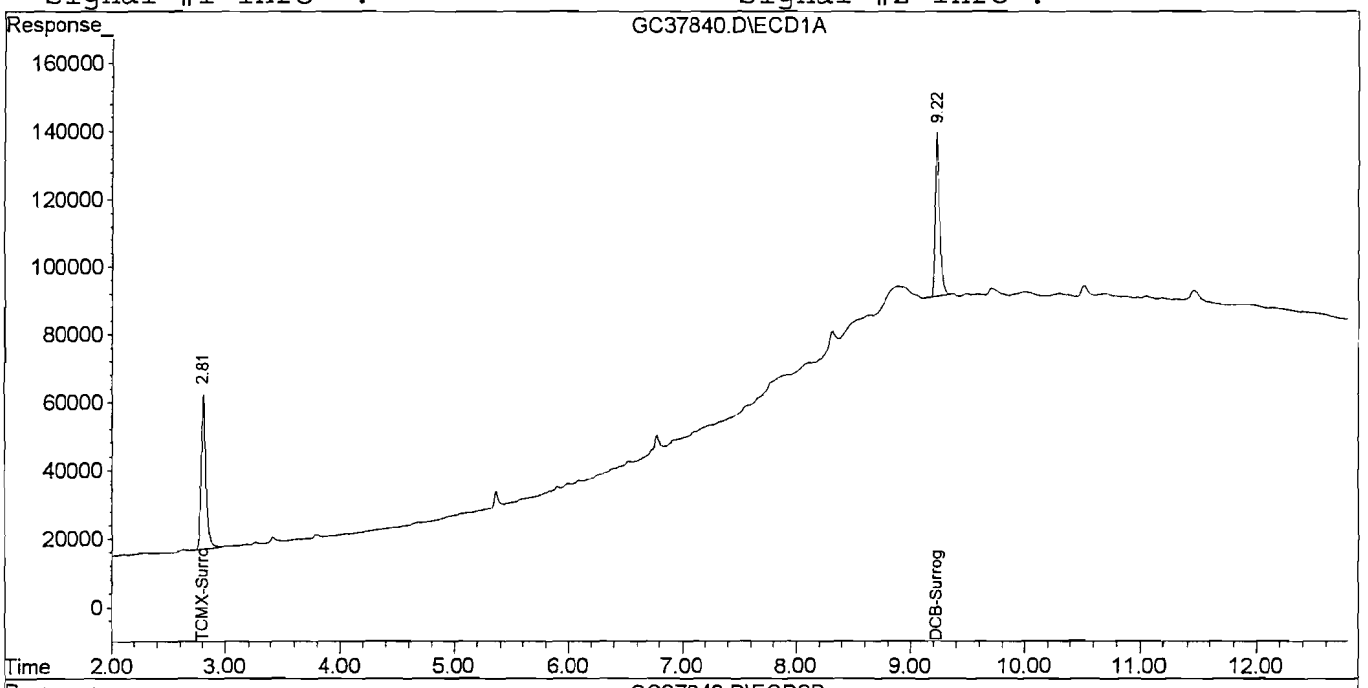
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

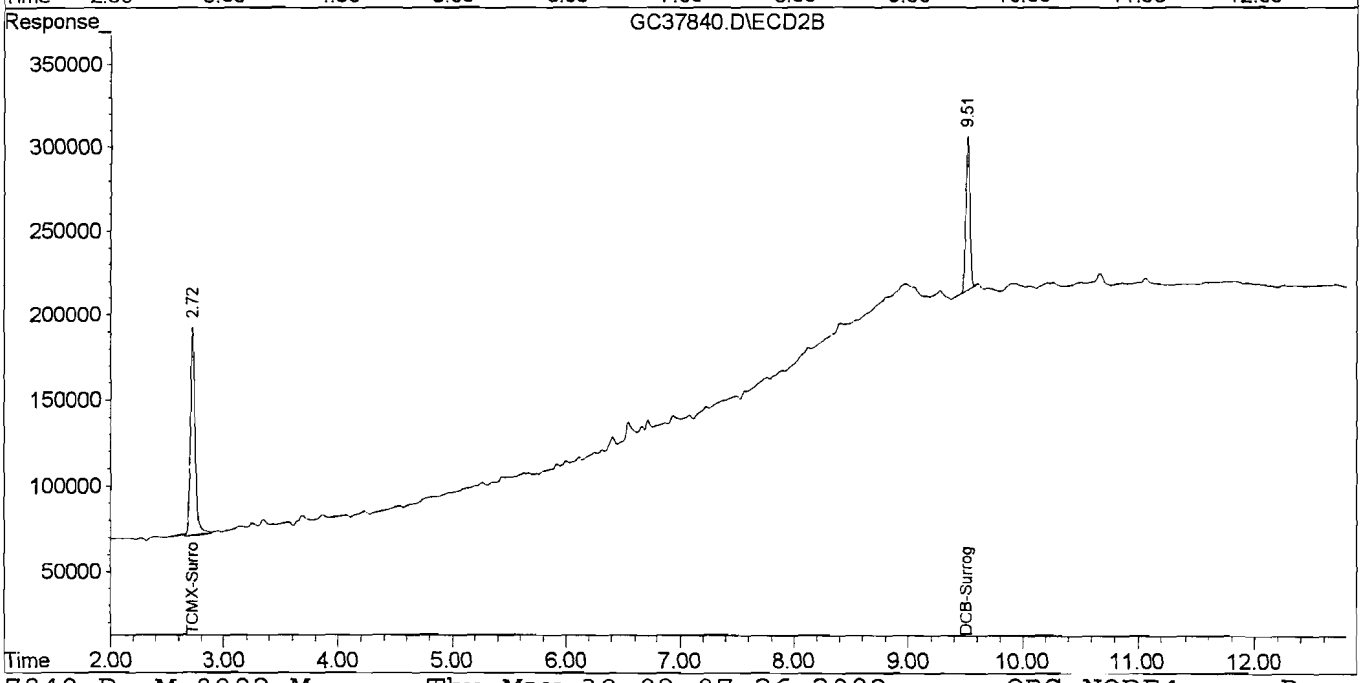
Quantitation Report

Signal #1 : G:\GcData\Gc_2\05-24-02\GC37840.D\ECD1A.CH Vial: 20
Signal #2 : G:\GcData\Gc_2\05-24-02\GC37840.D\ECD2B.CH
Acq On : 24 May 2002 14:56 Operator: JK
Sample : AB57870 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 24 15:06 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 02 14:21:19 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AB57871 *Matrix:* Soil

Client Id: Sample 005 *Initial Volume:* 30g

Data File: GC37871 *Final Volume:* 10ml

Date Analyzed: 28 May 2002 20:52 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/23/02 *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.017	U
11104282	Aroclor-1221	0.017	U
11141165	Aroclor-1232	0.017	U
53469219	Aroclor-1242	0.017	U
12672296	Aroclor-1248	0.017	U
11097691	Aroclor-1254	0.017	U
11096825	Aroclor-1260	0.017	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GcData\Gc_2\05-2802\GC37871.D\ECD1A.CH Vial: 28
Signal #2 : G:\GcData\Gc_2\05-2802\GC37871.D\ECD2B.CH
Acq On : 28 May 2002 20:52 Operator: JK
Sample : AB57871 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 8:03 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds							
1)	TCMX-Surrogate	2.74	2.72	1264285	742885	83.256	70.977
6)	DCB-Surrogate	9.14	9.49	1220306	479980	81.702	61.831

05/30/02

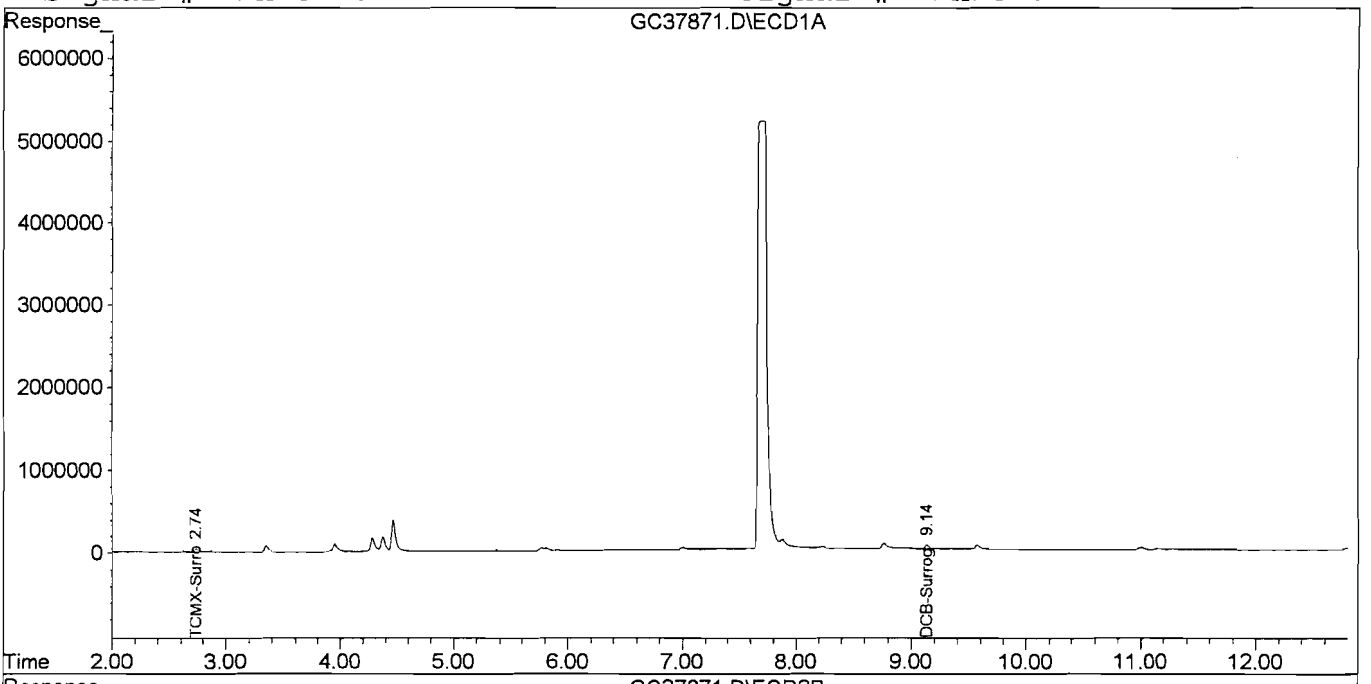
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

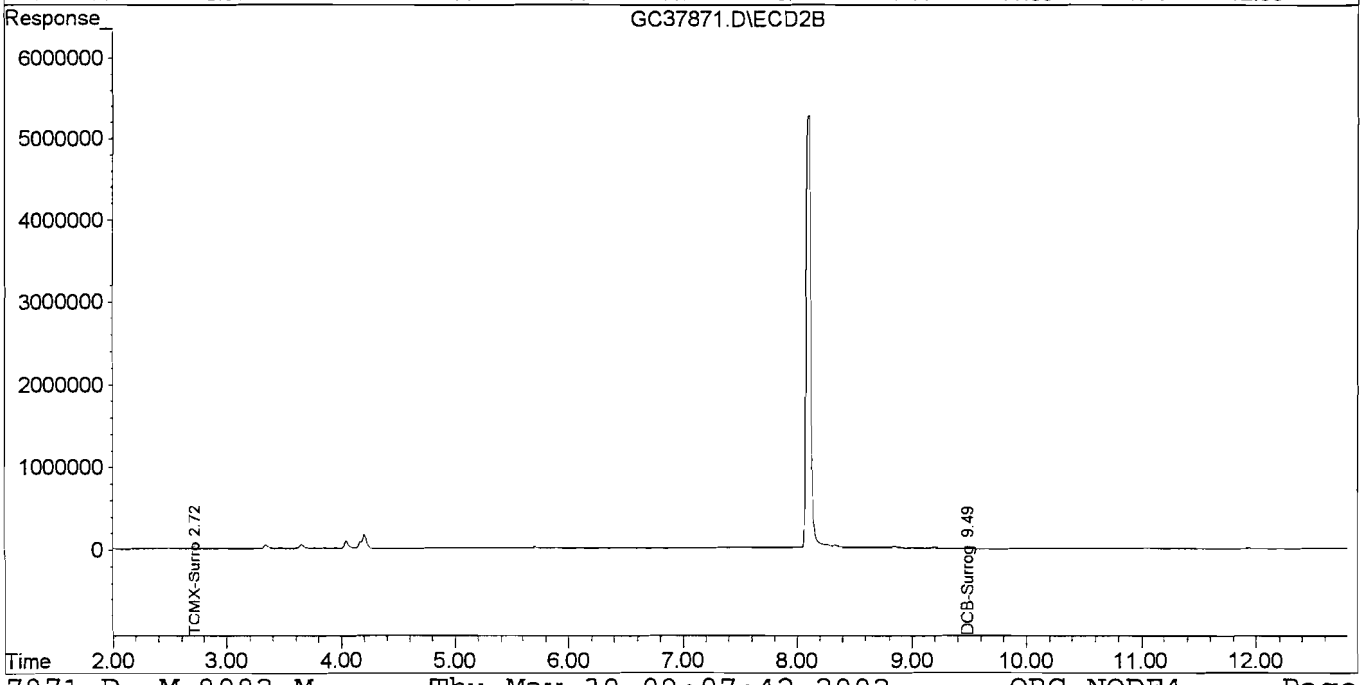
Quantitation Report

Signal #1 : G:\GcData\Gc_2\05-2802\GC37871.D\ECD1A.CH Vial: 28
Signal #2 : G:\GcData\Gc_2\05-2802\GC37871.D\ECD2B.CH
Acq On : 28 May 2002 20:52 Operator: JK
Sample : AB57871 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 8:03 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1
ORGANICS PCB REPORT

Sample Number: AB57872 *Matrix:* Soil

Client Id: Sample 006 *Initial Volume:* 30g

Data File: GC37872 *Final Volume:* 10ml

Date Analyzed: 28 May 2002 21:11 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/23/02 *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.017	U
11104282	Aroclor-1221	0.017	U
11141165	Aroclor-1232	0.017	U
53469219	Aroclor-1242	0.017	U
12672296	Aroclor-1248	0.017	U
11097691	Aroclor-1254	0.017	U
11096825	Aroclor-1260	0.017	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GcData\Gc_2\05-2802\GC37872.D\ECD1A.CH Vial: 29
Signal #2 : G:\GcData\Gc_2\05-2802\GC37872.D\ECD2B.CH
Acq On : 28 May 2002 21:11 Operator: JK
Sample : AB57872 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 8:04 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2	
	Target Compounds							
1)	TCMX-Surrogate	2.74	2.72	1060043	705971	69.806	67.450	
35)	DCB-Surrogate	9.13	9.48	1332750	447867	89.231	57.694	#

05/30/02

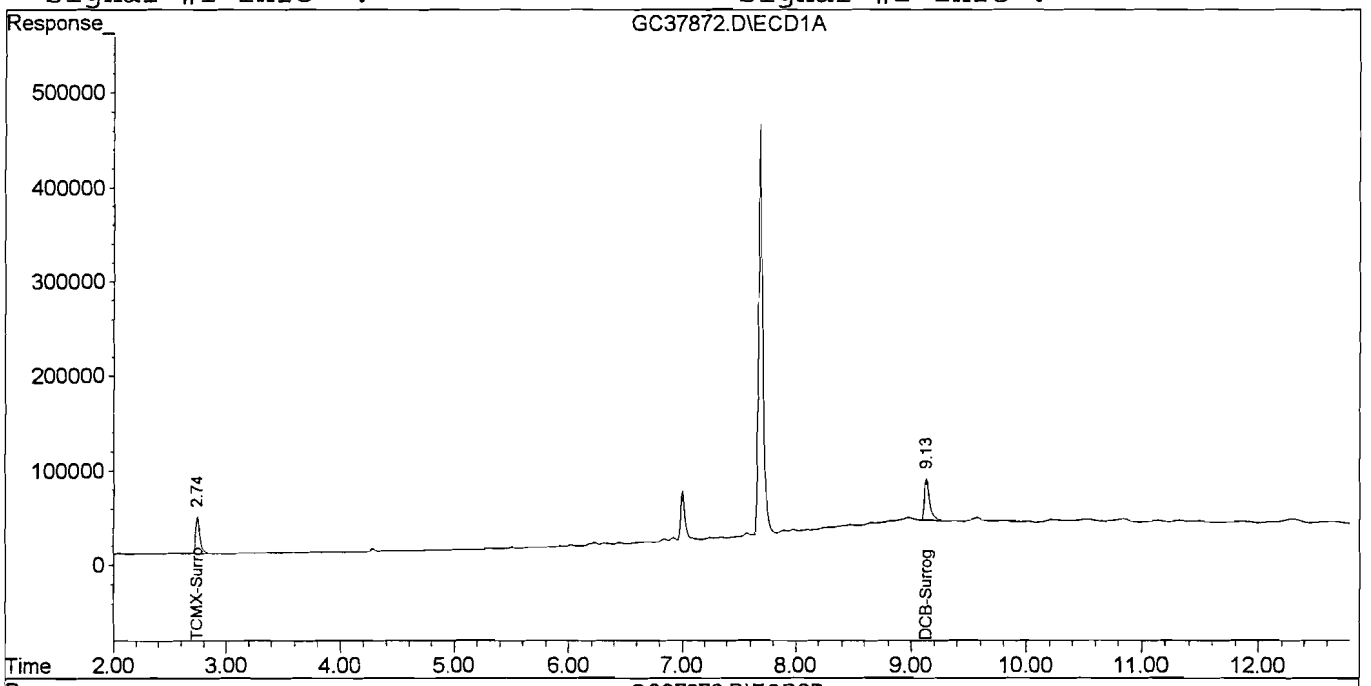
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

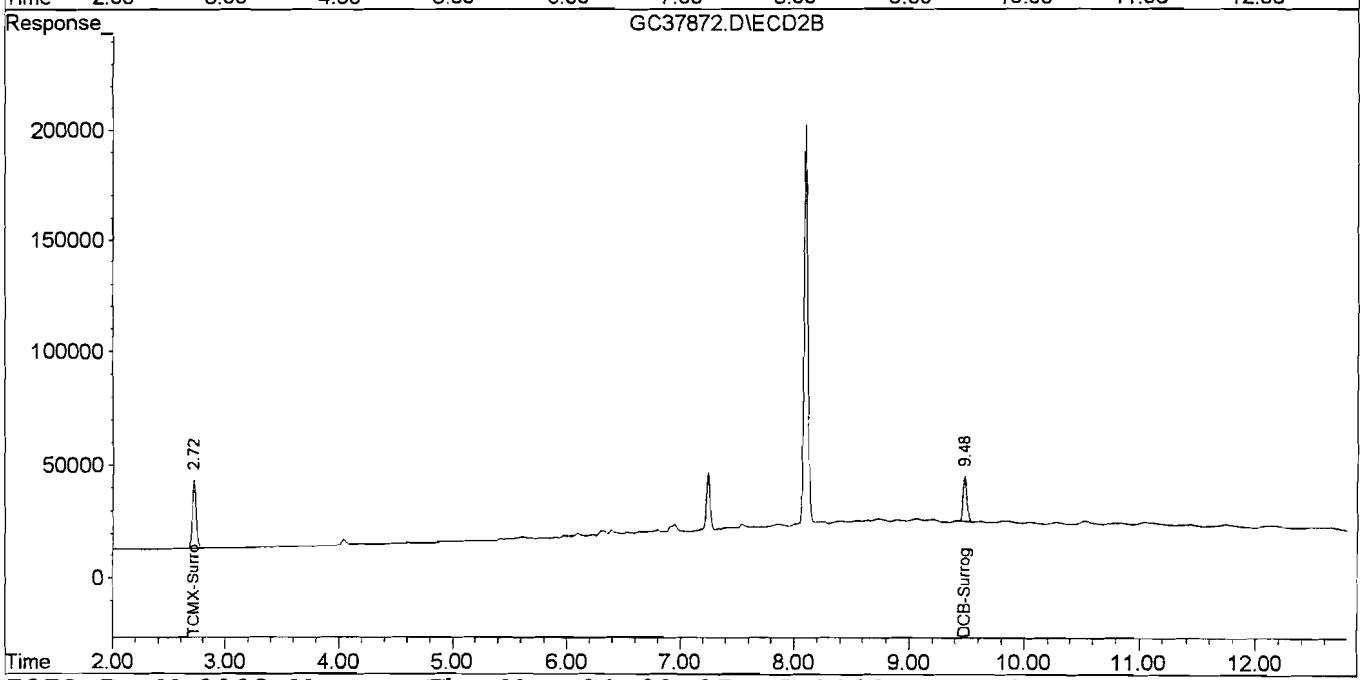
Quantitation Report

Signal #1 : G:\GcData\Gc_2\05-2802\GC37872.D\ECD1A.CH Vial: 29
Signal #2 : G:\GcData\Gc_2\05-2802\GC37872.D\ECD2B.CH
Acq On : 28 May 2002 21:11 Operator: JK
Sample : AB57872 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 8:04 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1
ORGANICS PCB REPORT

Sample Number: AB57873 *Matrix:* Soil

Client Id: Sample 007 *Initial Volume:* 30g

Data File: GC37873 *Final Volume:* 10ml

Date Analyzed: 28 May 2002 21:30 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/23/02 *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.017	U
11104282	Aroclor-1221	0.017	U
11141165	Aroclor-1232	0.017	U
53469219	Aroclor-1242	0.017	U
12672296	Aroclor-1248	0.017	U
11097691	Aroclor-1254	0.017	0.46
11096825	Aroclor-1260	0.017	U

Total Target Concentration 0.46

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GcData\Gc_2\05-2802\GC37873.D\ECD1A.CH Vial: 30
Signal #2 : G:\GcData\Gc_2\05-2802\GC37873.D\ECD2B.CH
Acq On : 28 May 2002 21:30 Operator: JK
Sample : AB57873 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 8:31 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.74	2.72	1073333	754379	70.681	72.075
30)	Aroclor-1254 {1}	5.30	5.48	844678	463480	1469.685	1163.784
31)	Aroclor-1254 {2}	6.01	6.10	886775	418439	1265.440	1025.238
32)	Aroclor-1254 {3}	6.29	6.21	553417	872895	1399.047m	4798.380m#
35)	DCB-Surrogate	9.13	9.49	2032461	909272	136.078	117.132

05/30/02 IC

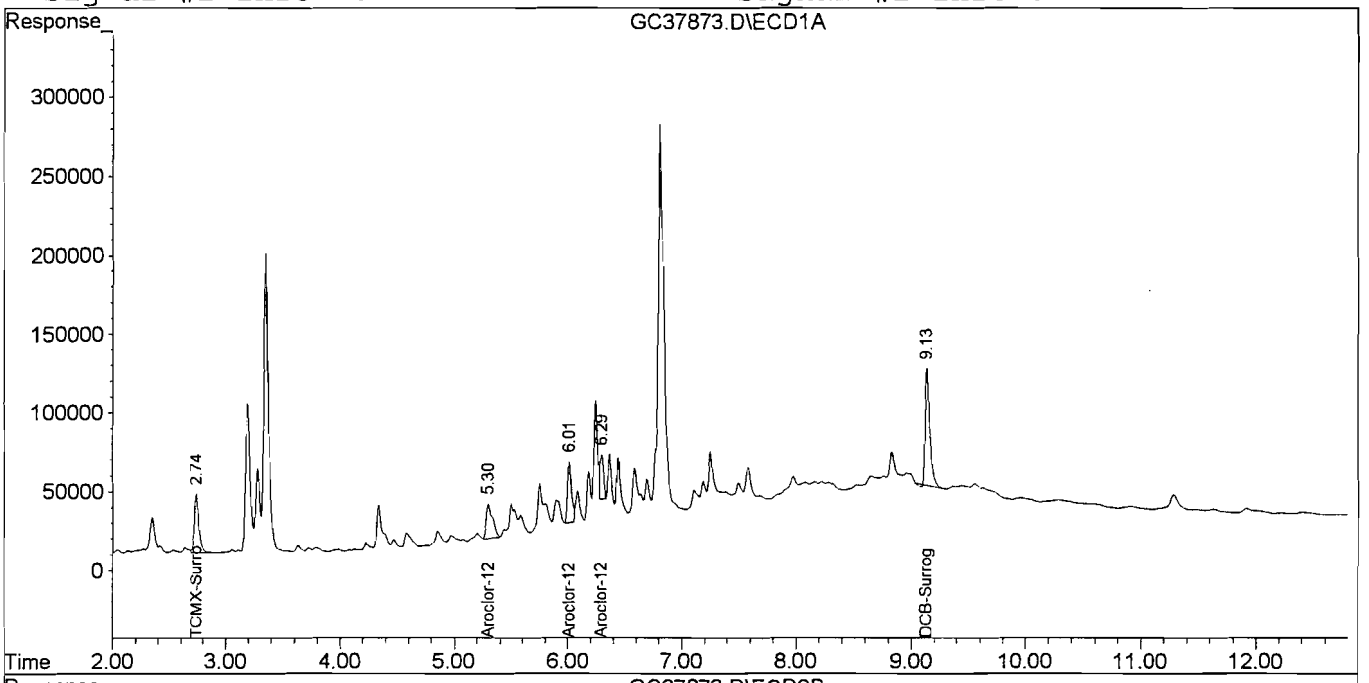
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

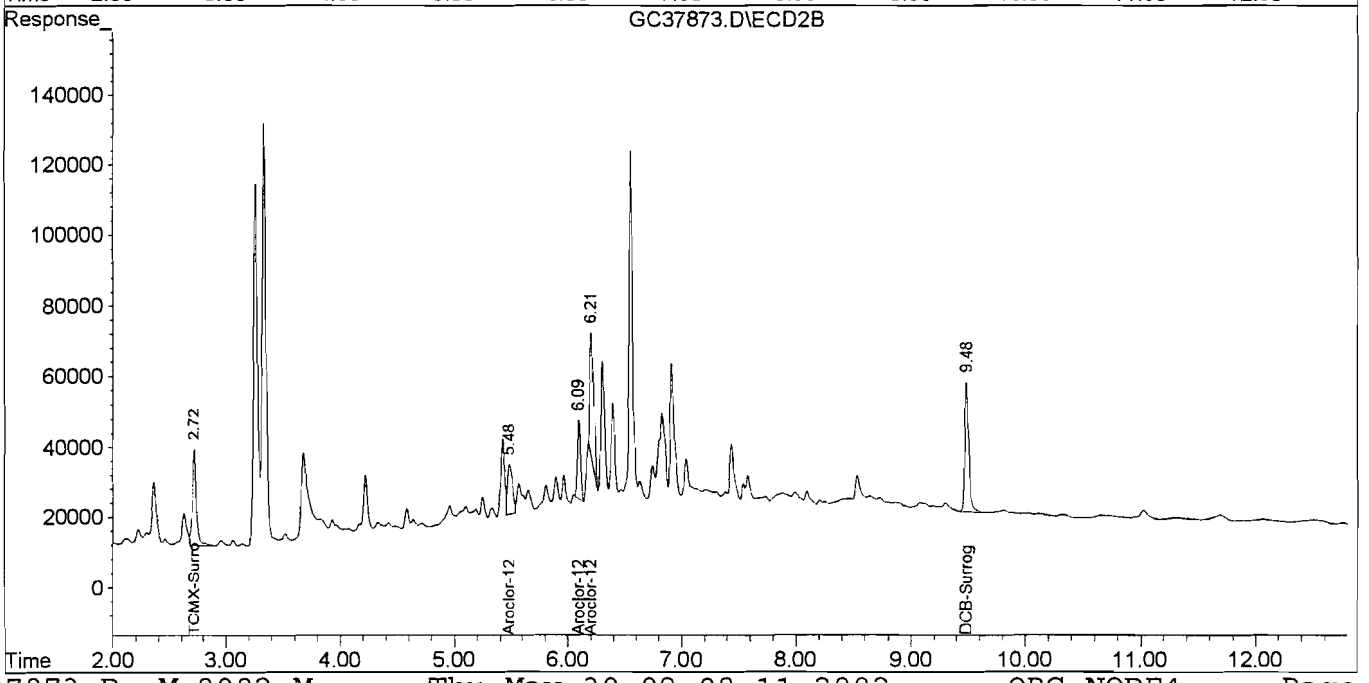
Quantitation Report

Signal #1 : G:\GcData\Gc_2\05-2802\GC37873.D\ECD1A.CH Vial: 30
Signal #2 : G:\GcData\Gc_2\05-2802\GC37873.D\ECD2B.CH
Acq On : 28 May 2002 21:30 Operator: JK
Sample : AB57873 Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 29 8:31 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AB57874(10X) *Matrix:* Soil

Client Id: Sample 008 *Initial Volume:* 30g

Data File: GC37924 *Final Volume:* 10ml

Date Analyzed: 29 May 2002 19:41 *Dilution Factor:* 10

Date Received/Extracted: 5/22/02-05/23/02 *Percent Solids:* 100

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/Kg)*
12674112	Aroclor-1016	0.17	U
11104282	Aroclor-1221	0.17	U
11141165	Aroclor-1232	0.17	U
53469219	Aroclor-1242	0.17	U
12672296	Aroclor-1248	0.17	U
11097691	Aroclor-1254	0.17	U
11096825	Aroclor-1260	0.17	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\91021.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_2\05-29-02\GC37924.D\ECD1A.CH Vial: 27
Signal #2 : G:\GCDATA\Gc_2\05-29-02\GC37924.D\ECD2B.CH
Acq On : 29 May 2002 19:41 Operator: JK
Sample : AB57874(10X) Inst : gc_2
Misc : S,PCB:10 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 30 7:50 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.74	2.71	149291	132517	9.831	12.661 #
35)	DCB-Surrogate	9.14	9.48	223061	112362	14.934m	14.474m

05/30/02

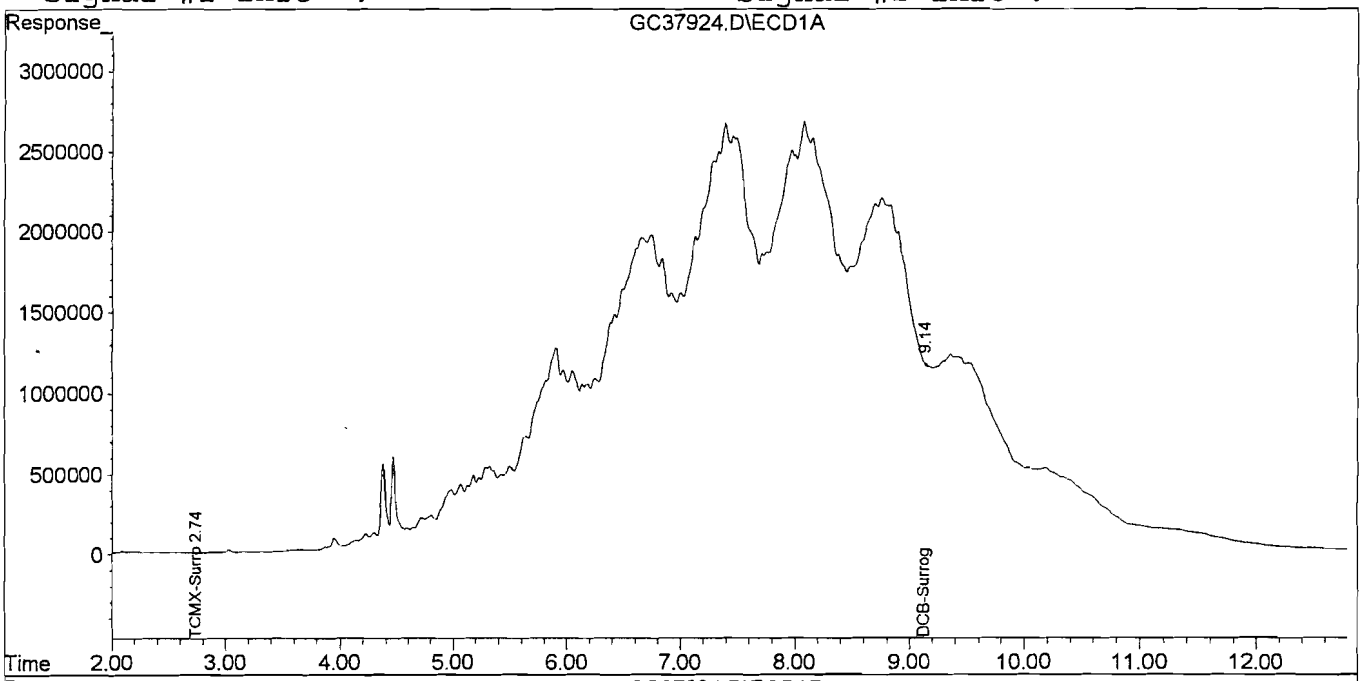
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

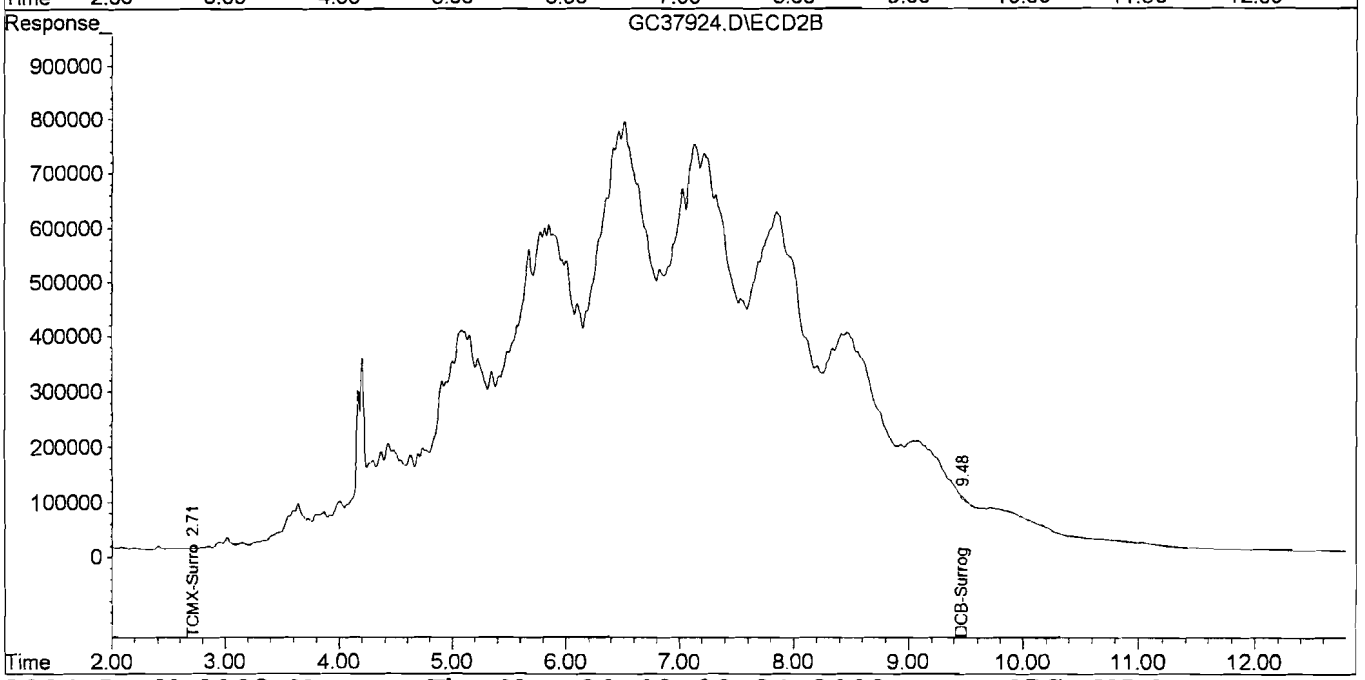
Quantitation Report

Signal #1 : G:\GCDATA\Gc_2\05-29-02\GC37924.D\ECD1A.CH Vial: 27
Signal #2 : G:\GCDATA\Gc_2\05-29-02\GC37924.D\ECD2B.CH
Acq On : 29 May 2002 19:41 Operator: JK
Sample : AB57874(10X) Inst : gc_2
Misc : S,PCB:10 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 30 7:50 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Tue May 28 16:13:20 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PESTICIDE REPORT

Sample Number: WMB1403 *Matrix:* Water

Client Id: *Initial Volume:* 1000ml

Data File: GD6299 *Final Volume:* 10ml

Date Analyzed: 29 May 2002 8:42 *Dilution Factor:* 1

Date Received/Extracted: NA-5/24/2002 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
57749	Chlordane	0.00020	U
72208	Endrin	0.00010	U
58899	Gamma-BHC	0.00010	U
76448	Heptachlor	0.00010	U
1024573	Heptachlor Epoxide	0.00010	U
72435	Methoxychlor	0.00010	U
8001352	Toxaphene	0.0010	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\91955.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6299.D\ECD1A.CH Vial: 3
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6299.D\ECD2B.CH
Acq On : 29 May 2002 8:42 Operator: JR
Sample : WMB1403 Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 9:11 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Initial Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds							
1)	TCMX-Surrogate	3.44	3.13	842263	298624	48.147	44.755
2)	DCB-Surrogate	11.12	11.28	1654262	970602	89.802m	94.752

5-30-02 BM

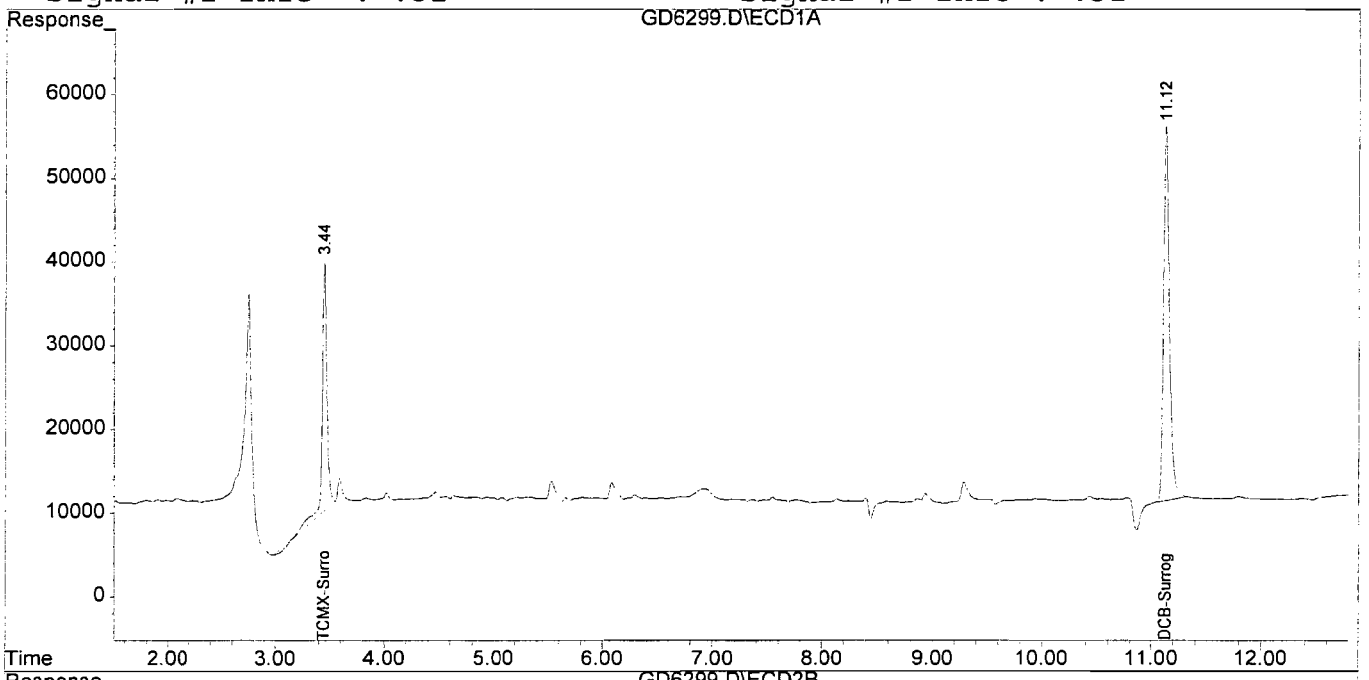
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

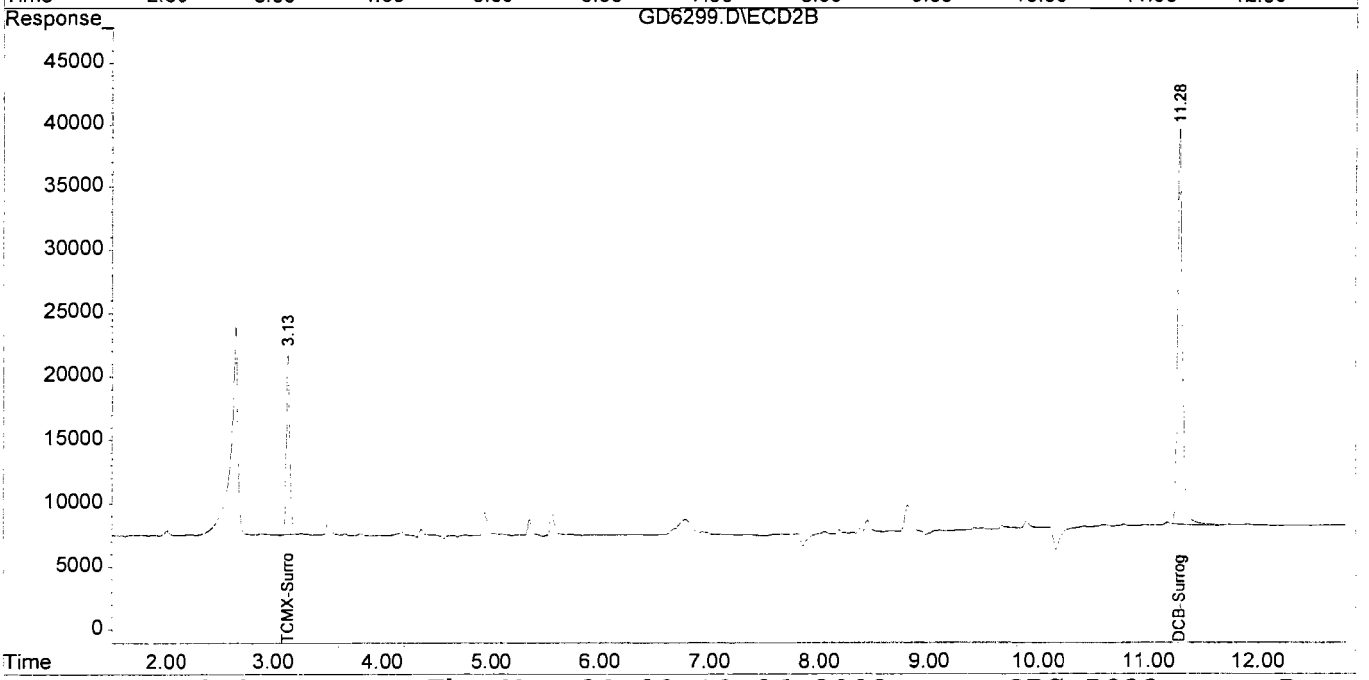
Quantitation Report

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6299.D\ECD1A.CH Vial: 3
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6299.D\ECD2B.CH
Acq On : 29 May 2002 8:42 Operator: JR
Sample : WMB1403 Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 9:11 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Multiple Level Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: EF1 2132 *Matrix:* Water

Client Id: *Initial Volume:* 100ml

Data File: GD6303 *Final Volume:* 10ml

Date Analyzed: 29 May 2002 9:51 *Dilution Factor:* 1

Date Received/Extracted: NA- 5-24-02 90273/02 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
57749	Chlordane	0.0020	U
72208	Endrin	0.0010	U
58899	Gamma-BHC	0.0010	U
76448	Heptachlor	0.0010	U
1024573	Heptachlor Epoxide	0.0010	U
72435	Methoxychlor	0.0010	U
8001352	Toxaphene	0.010	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\91955.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6303.D\ECD1A.CH Vial: 7
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6303.D\ECD2B.CH
Acq On : 29 May 2002 9:51 Operator: JR
Sample : EF1 2132 Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 10:22 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Initial Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.43	3.12	1453744	575886	83.101	86.308
22)	DCB-Surrogate	11.12	11.27	1750432	1061810	95.358m	103.656

5-30-02

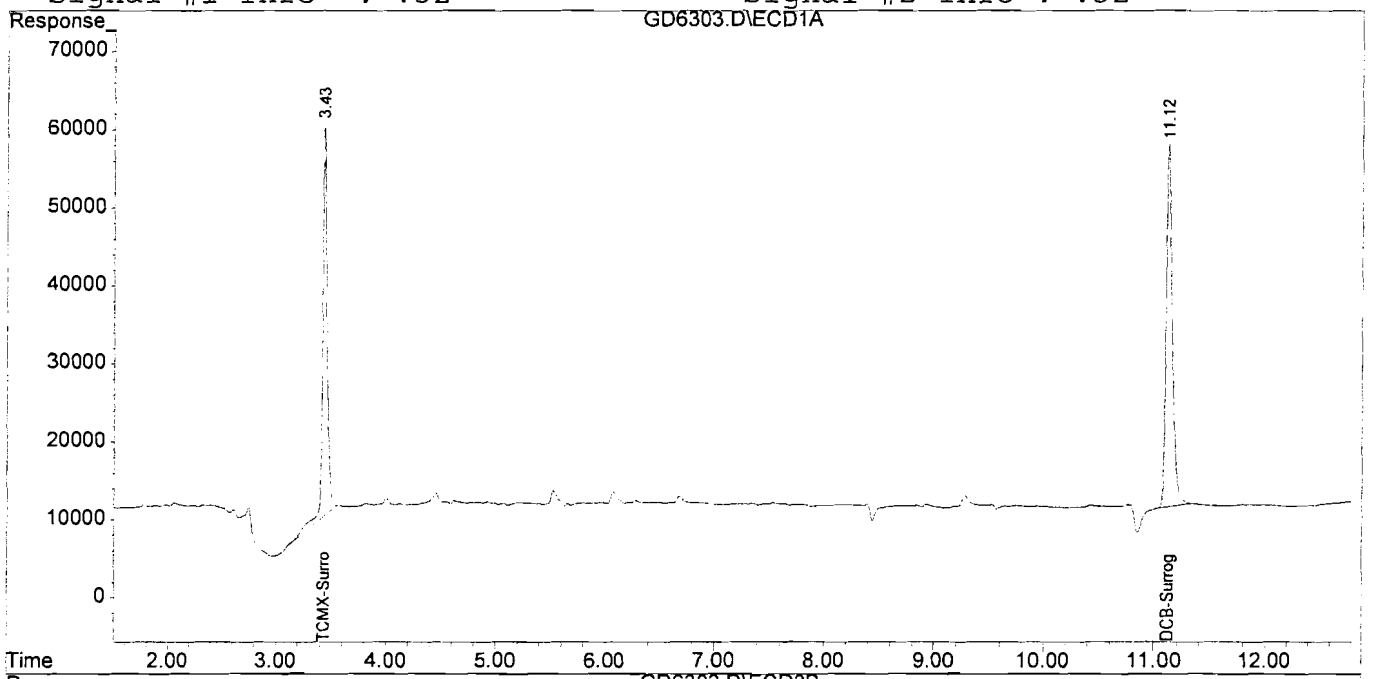
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

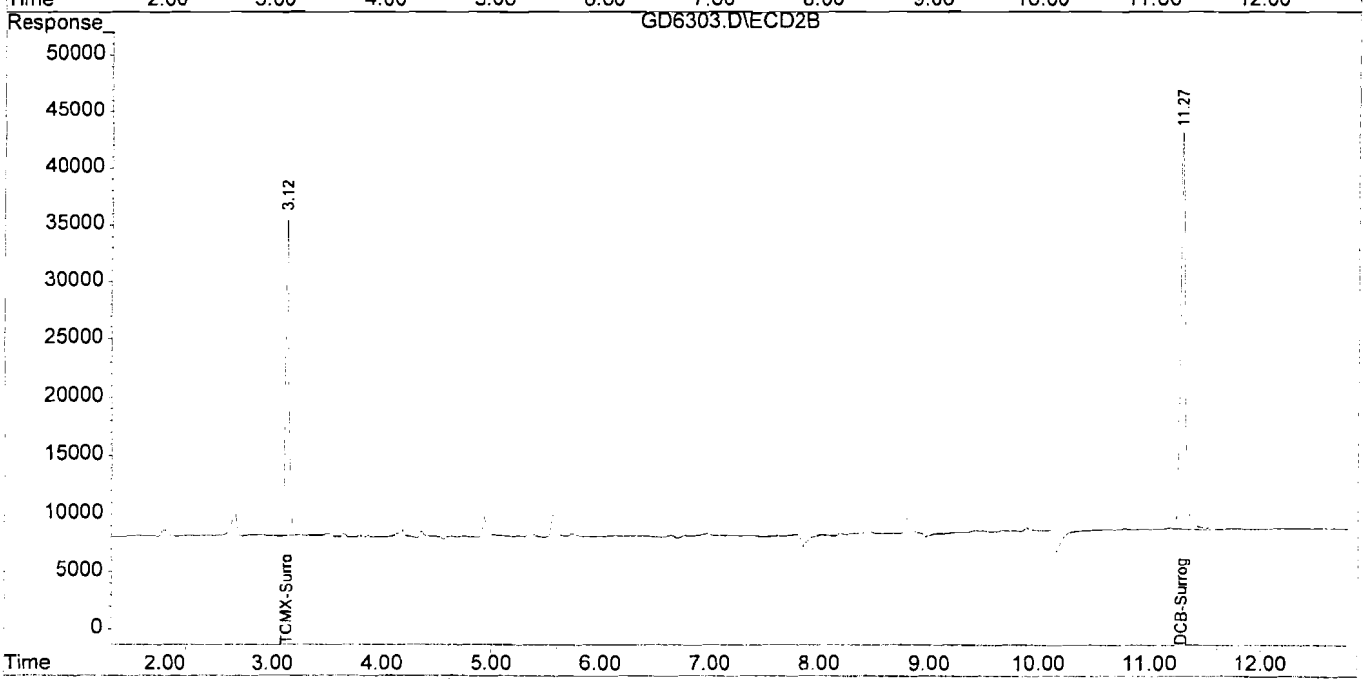
Quantitation Report

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6303.D\ECD1A.CH Vial: 7
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6303.D\ECD2B.CH
Acq On : 29 May 2002 9:51 Operator: JR
Sample : EF1 2132 Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 10:22 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Multiple Level Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AB57868(T) *Matrix:* Water

Client Id: Sample 002 *Initial Volume:* 100ml

Data File: GD6304 *Final Volume:* 10ml

Date Analyzed: 29 May 2002 10:08 *Dilution Factor:* 1

Date Received/Extracted: 5/22/2002-05/24/02 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
57749	Chlordane	0.0020	U
72208	Endrin	0.0010	U
58899	Gamma-BHC	0.0010	U
76448	Heptachlor	0.0010	U
1024573	Heptachlor Epoxide	0.0010	U
72435	Methoxychlor	0.0010	U
8001352	Toxaphene	0.010	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\91955.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6304.D\ECD1A.CH Vial: 8
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6304.D\ECD2B.CH
Acq On : 29 May 2002 10:08 Operator: JR
Sample : AB57868(T) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 10:25 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Initial Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.43	3.12	937664	550964	53.600	82.573 #
2)	DCB-Surrogate	11.12	11.27	1727467	991339	94.028	96.776

5-30-02

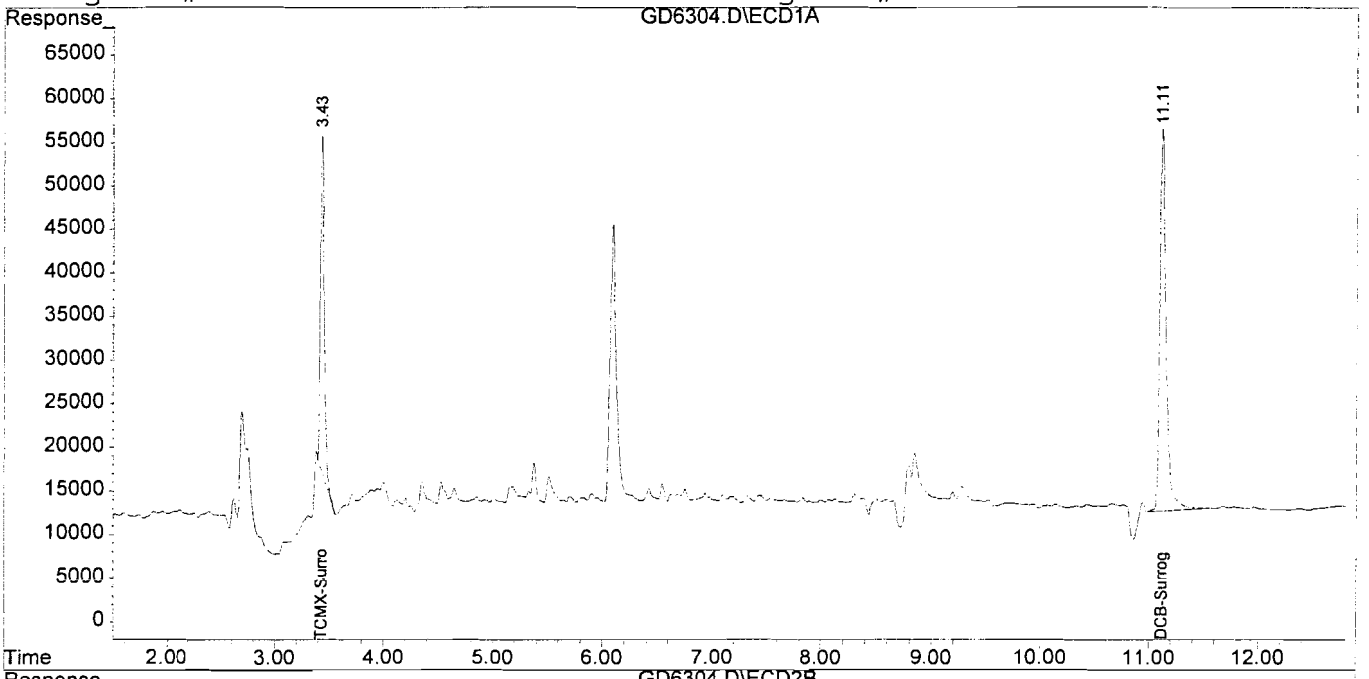
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

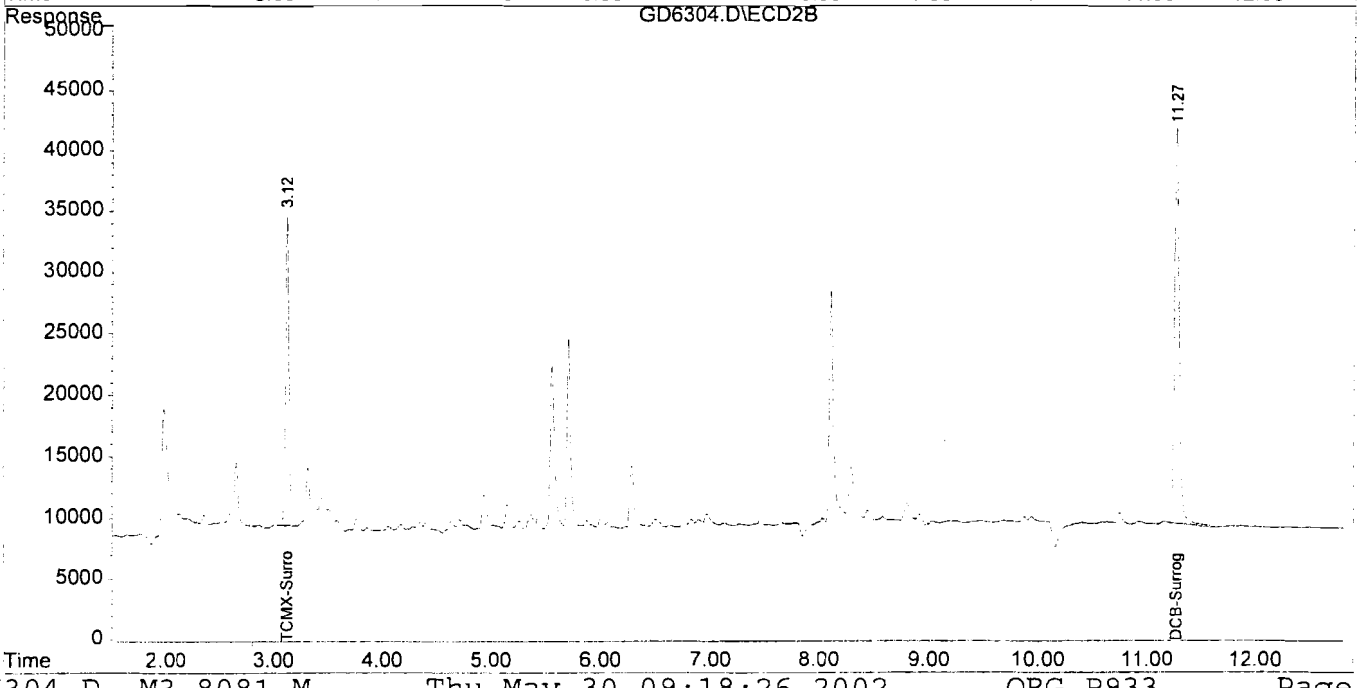
Quantitation Report

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6304.D\ECD1A.CH Vial: 8
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6304.D\ECD2B.CH
Acq On : 29 May 2002 10:08 Operator: JR
Sample : AB57868(T) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 10:25 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Multiple Level Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AB57869(T) *Matrix:* Water

Client Id: Sample 003 *Initial Volume:* 100ml

Data File: GD6305 *Final Volume:* 10ml

Date Analyzed: 29 May 2002 10:24 *Dilution Factor:* 1

Date Received/Extracted: 5/22/2002-05/24/02 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
57749	Chlordane	0.0020	U
72208	Endrin	0.0010	U
58899	Gamma-BHC	0.0010	U
76448	Heptachlor	0.0010	U
1024573	Heptachlor Epoxide	0.0010	U
72435	Methoxychlor	0.0010	U
8001352	Toxaphene	0.010	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\91955.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6305.D\ECD1A.CH Vial: 9
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6305.D\ECD2B.CH
Acq On : 29 May 2002 10:24 Operator: JR
Sample : AB57869(T) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 11:01 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Initial Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.43	3.12	1404354	618730	80.278	92.729
22)	DCB-Surrogate	11.11	11.27	1828198	1043979	99.875m	101.915

5-30-02 RD

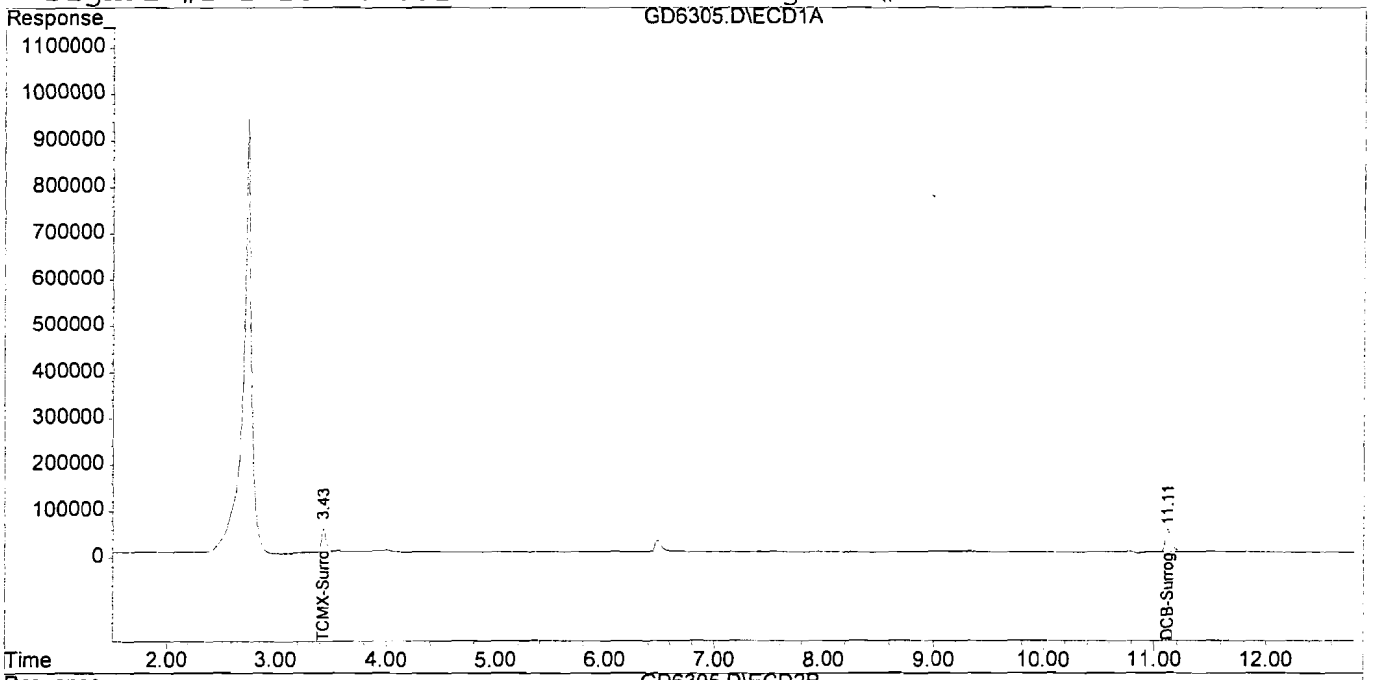
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

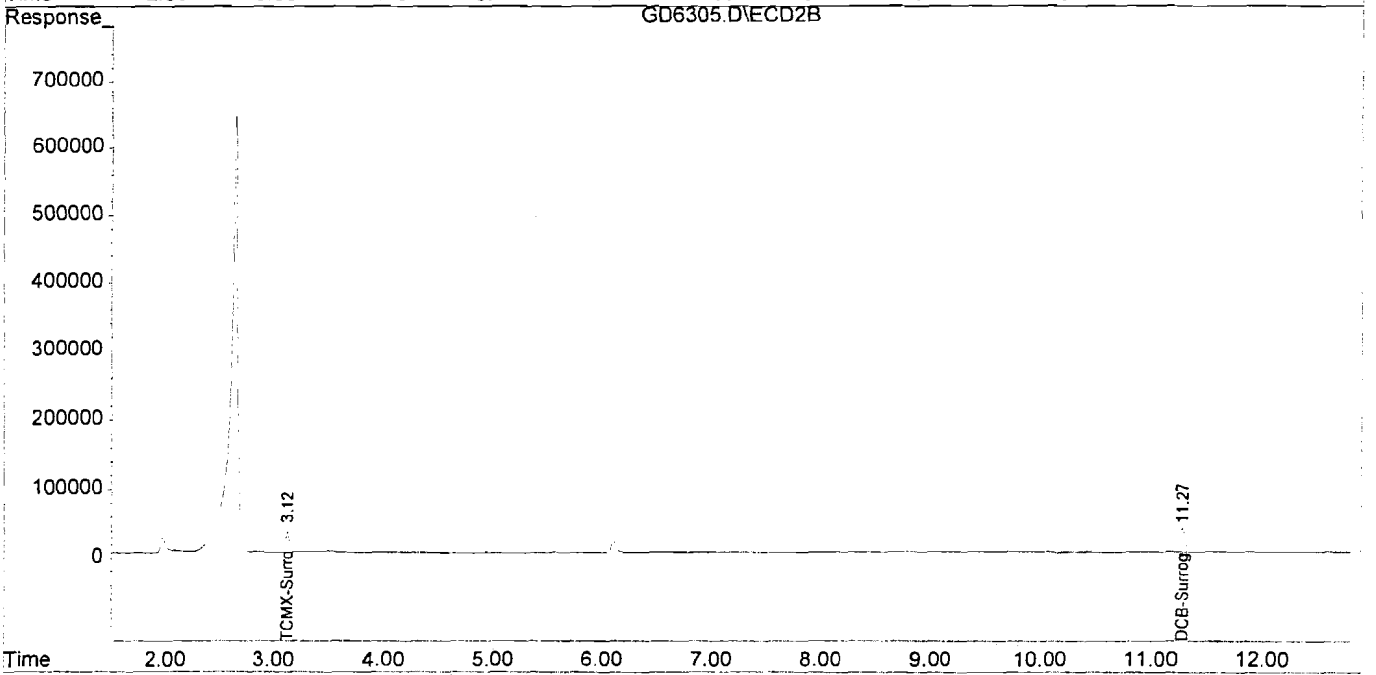
Quantitation Report

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6305.D\ECD1A.CH Vial: 9
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6305.D\ECD2B.CH
Acq On : 29 May 2002 10:24 Operator: JR
Sample : AB57869(T) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 11:01 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Multiple Level Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS PESTICIDE REPORT

Sample Number: AB57873(T) ***Matrix:*** Water

Client Id: Sample 007 ***Initial Volume:*** 100ml

Data File: GD6306 ***Final Volume:*** 10ml

Date Analyzed: 29 May 2002 10:41 ***Dilution Factor:*** 1

Date Received/Extracted: 5/22/2002-05/24/02 ***Percent Solids:*** 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
57749	Chlordane	0.0020	U
72208	Endrin	0.0010	U
58899	Gamma-BHC	0.0010	U
76448	Heptachlor	0.0010	U
1024573	Heptachlor Epoxide	0.0010	U
72435	Methoxychlor	0.0010	U
8001352	Toxaphene	0.010	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File h:\import\91955.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6306.D\ECD1A.CH Vial: 10
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6306.D\ECD2B.CH
Acq On : 29 May 2002 10:41 Operator: JR
Sample : AB57873(T) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 11:03 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Initial Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.42	3.12	1453857	648363	83.107	97.170
2)	DCB-Surrogate	11.11	11.27	1645642	999865	89.306m	97.609

5-30-02

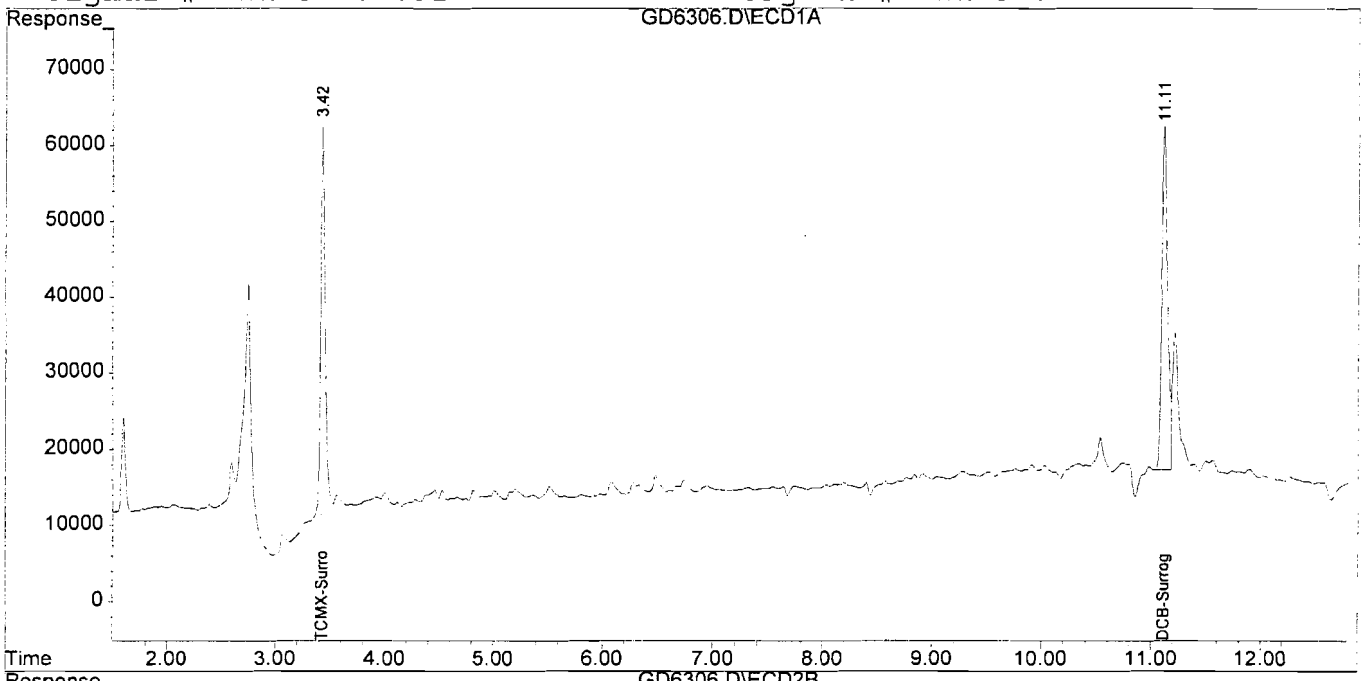
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

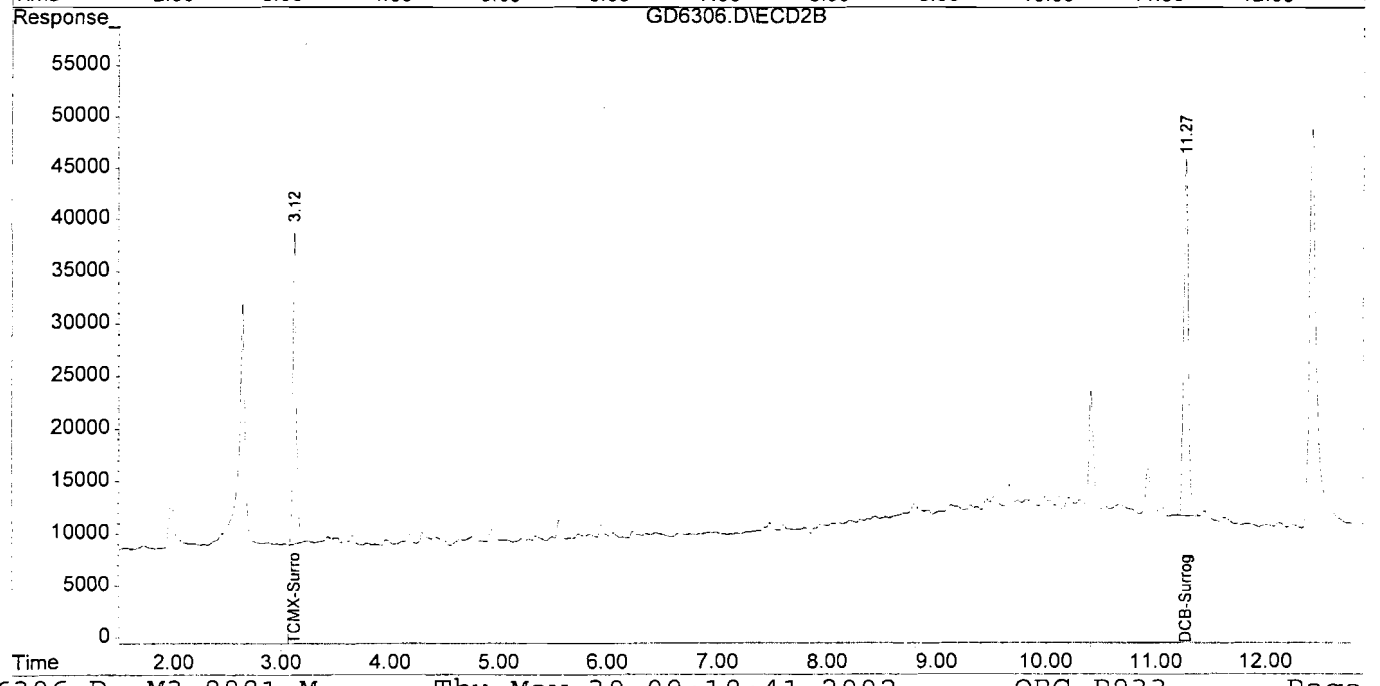
Quantitation Report

Signal #1 : G:\GCDATA\Gc_3\05-29-02\GD6306.D\ECD1A.CH Vial: 10
Signal #2 : G:\GCDATA\Gc_3\05-29-02\GD6306.D\ECD2B.CH
Acq On : 29 May 2002 10:41 Operator: JR
Sample : AB57873(T) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 11:03 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Multiple Level Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form1

ORGANICS HERBICIDE REPORT

Sample Number: WMB1404 *Matrix:* Water

Client Id: *Initial Volume:* 1000ml

Data File: GC37948 *Final Volume:* 10ml

Date Analyzed: 30 May 2002 12:10 *Dilution Factor:* 1

Date Received/Extracted: NA-5/28/02 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
94757	2,4-D	0.00020	U
93721	Silvex	0.00020	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\14459.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_2\05-30-02\GC37948.D\ECD1A.CH Vial: 7
Signal #2 : G:\GCDATA\Gc_2\05-30-02\GC37948.D\ECD2B.CH
Acq On : 30 May 2002 12:10 Operator: JK
Sample : WMB1404 Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 12:38 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
	Target Compounds						
2)	Dcaa-Surrogate	6.81	6.70	2692629	1769091	1248.600	1378.226

05/30/02 JK

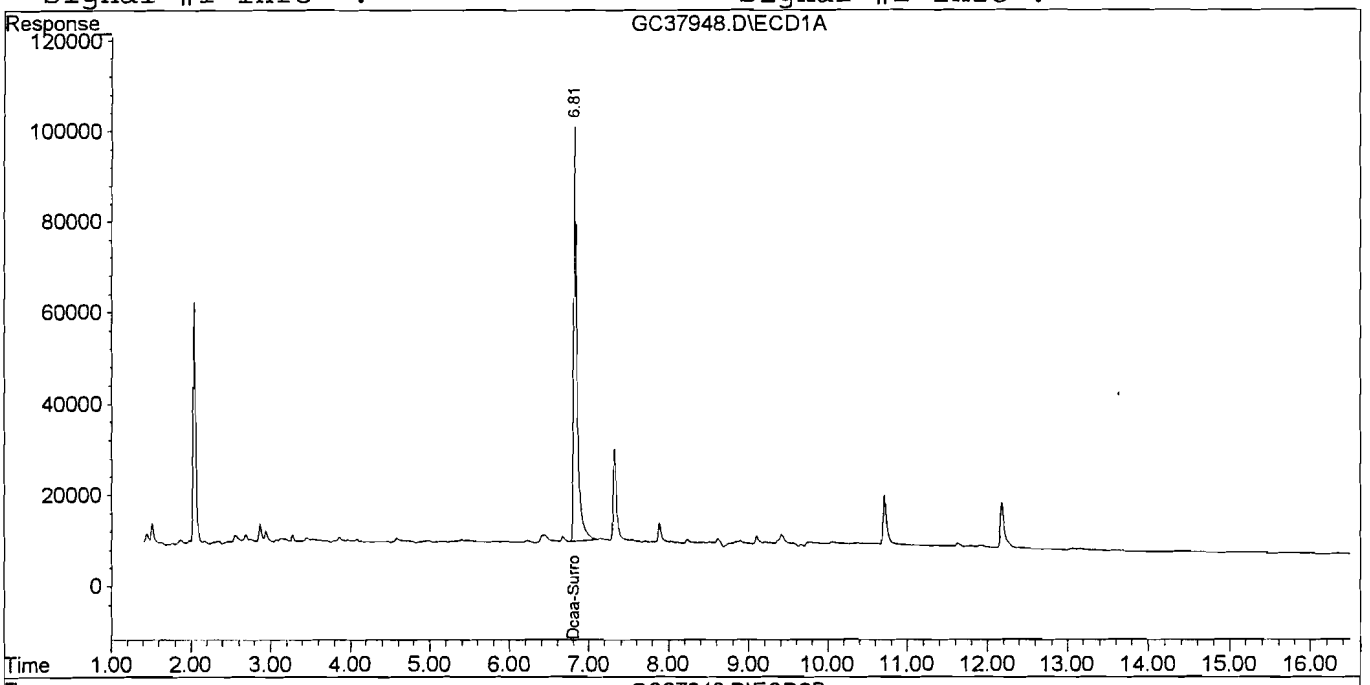
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

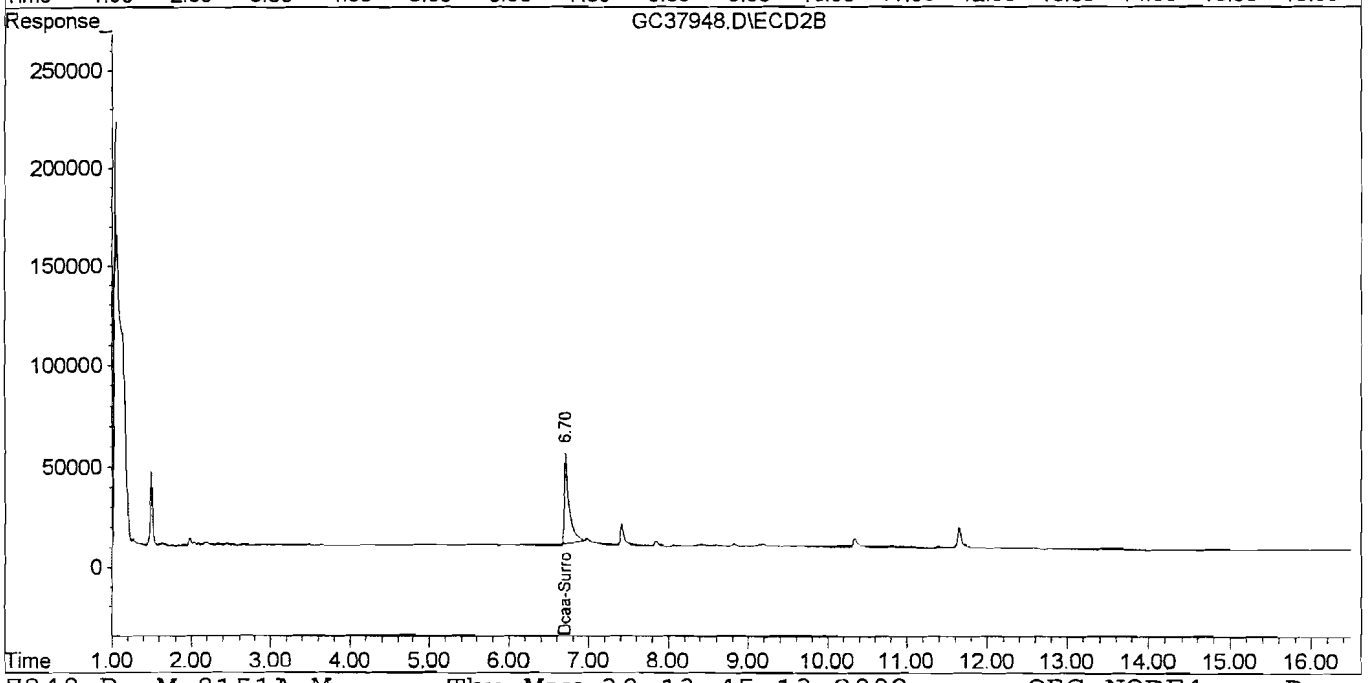
Quantitation Report

Signal #1 : G:\GCDATA\Gc_2\05-30-02\GC37948.D\ECD1A.CH Vial: 7
Signal #2 : G:\GCDATA\Gc_2\05-30-02\GC37948.D\ECD2B.CH
Acq On : 30 May 2002 12:10 Operator: JK
Sample : WMB1404 Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 12:38 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS HERBICIDE REPORT

Sample Number: EF1 2132 *Matrix:* Water

Client Id: *Initial Volume:* 100ml

Data File: GC37953 *Final Volume:* 10ml

Date Analyzed: 30 May 2002 13:52 *Dilution Factor:* 1

Date Received/Extracted: NA- 05/28/02 JL 01/29/02 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
94757	2,4-D	0.0020	U
93721	Silvex	0.0020	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\21104.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\GC_2\05-30-02\GC37953.D\ECD1A.CH Vial: 12
Signal #2 : G:\GCDATA\GC_2\05-30-02\GC37953.D\ECD2B.CH
Acq On : 30 May 2002 13:52 Operator: JK
Sample : EF1 2132 Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 13:58 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
	Target Compounds						
2)	Dcaa-Surrogate	6.81	6.70	2131082	1370491	988.205	1067.693

05/30/02 VL

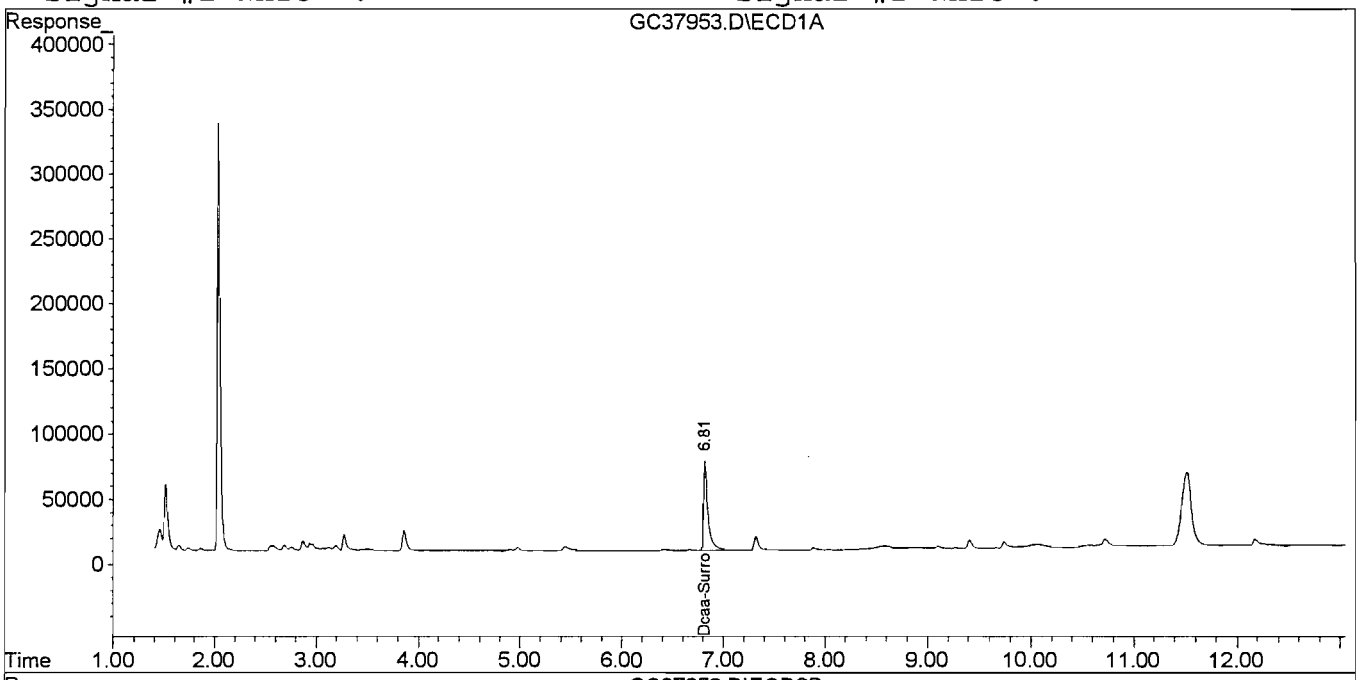
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

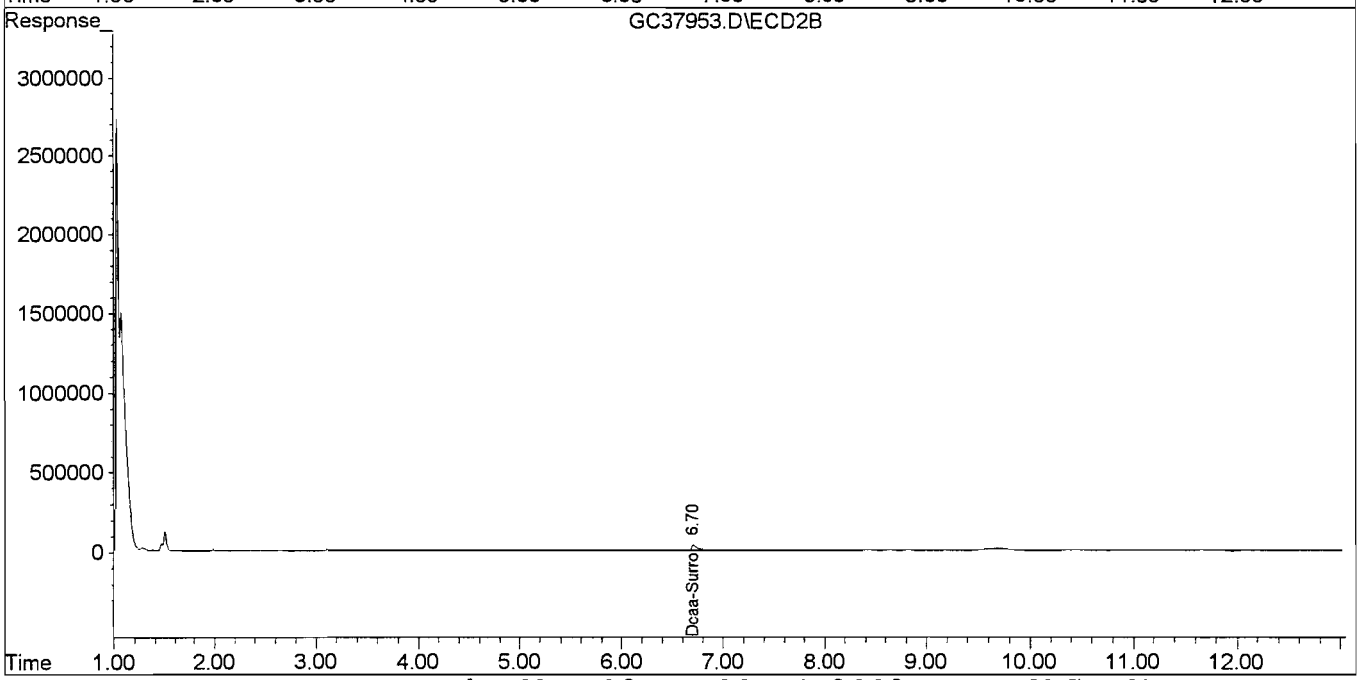
Quantitation Report

Signal #1 : G:\GCDATA\GC_2\05-30-02\GC37953.D\ECD1A.CH Vial: 12
Signal #2 : G:\GCDATA\GC_2\05-30-02\GC37953.D\ECD2B.CH
Acq On : 30 May 2002 13:52 Operator: JK
Sample : EF1 2132 Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 13:58 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS HERBICIDE REPORT

Sample Number: AB57868(T) *Matrix:* Water

Client Id: Sample 002 *Initial Volume:* 100ml

Data File: GC37950 *Final Volume:* 10ml

Date Analyzed: 30 May 2002 12:51 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/28/02 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
94757	2,4-D	0.0020	U
93721	Silvex	0.0020	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\Import\14459.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_2\05-30-02\GC37950.D\ECD1A.CH Vial: 9
Signal #2 : G:\GCDATA\Gc_2\05-30-02\GC37950.D\ECD2B.CH
Acq On : 30 May 2002 12:51 Operator: JK
Sample : AB57868(T) Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 12:59 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
	Target Compounds						
2)	Dcaa-Surrogate	6.81	6.70	2335064	1537803	1082.793	1198.040

05/30/02

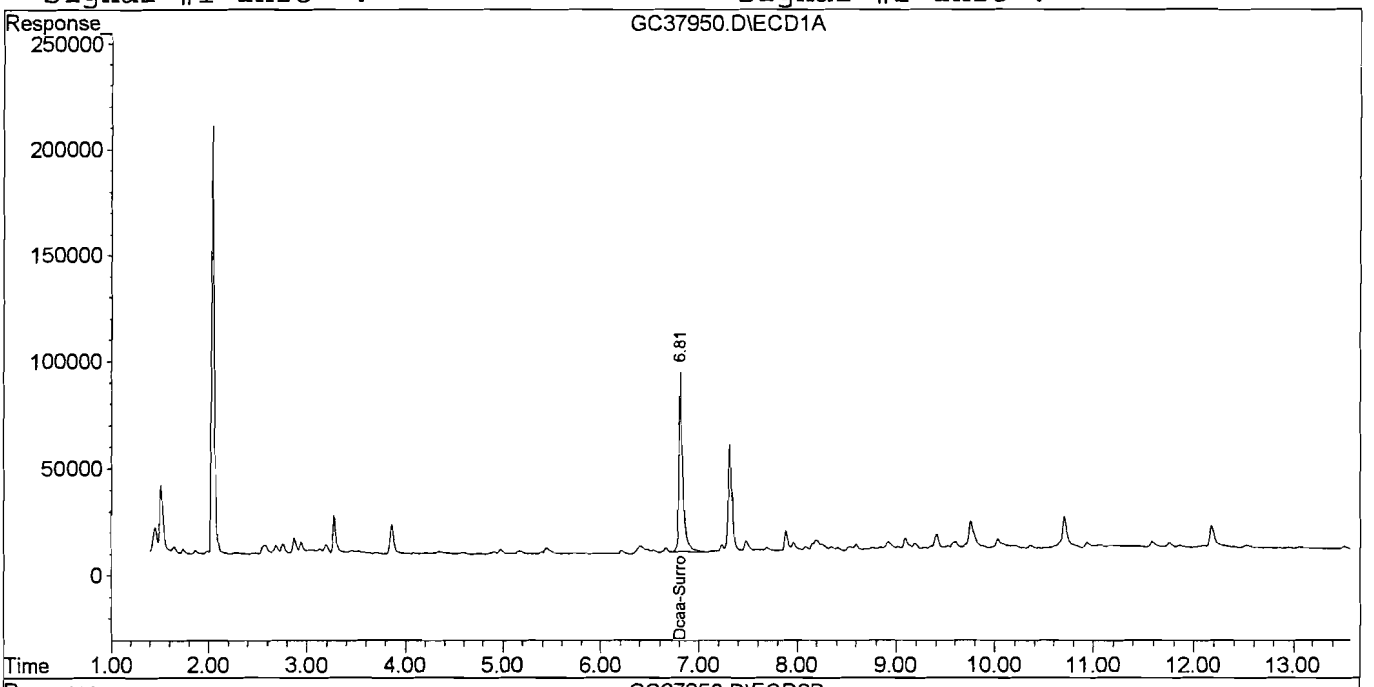
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

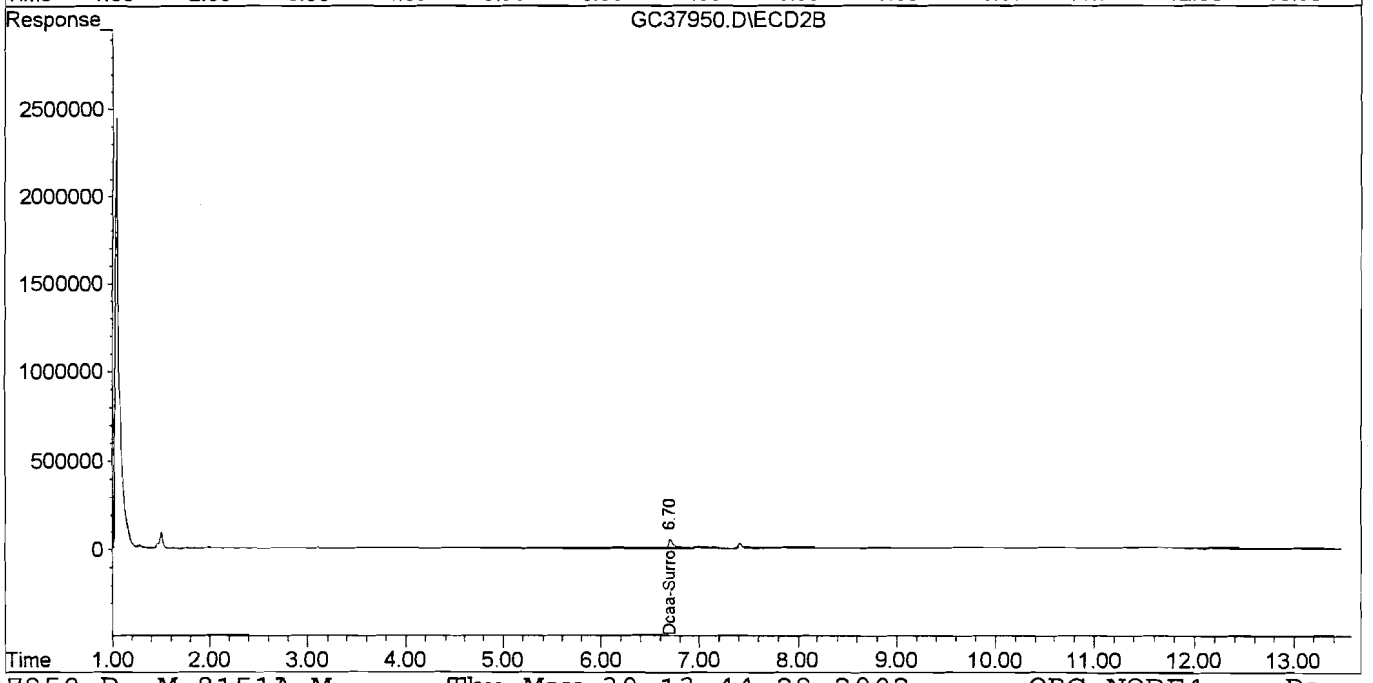
Quantitation Report

Signal #1 : G:\GCDATA\Gc_2\05-30-02\GC37950.D\ECD1A.CH Vial: 9
Signal #2 : G:\GCDATA\Gc_2\05-30-02\GC37950.D\ECD2B.CH
Acq On : 30 May 2002 12:51 Operator: JK
Sample : AB57868(T) Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 12:59 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS HERBICIDE REPORT

Sample Number: AB57869(T) *Matrix:* Water

Client Id: Sample 003 *Initial Volume:* 100ml

Data File: GC37951 *Final Volume:* 10ml

Date Analyzed: 30 May 2002 13:10 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/28/02 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
94757	2,4-D	0.0020	U
93721	Silvex	0.0020	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\14459.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_2\05-30-02\GC37951.D\ECD1A.CH Vial: 10
Signal #2 : G:\GCDATA\Gc_2\05-30-02\GC37951.D\ECD2B.CH
Acq On : 30 May 2002 13:10 Operator: JK
Sample : AB57869(T) Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 13:22 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
	Target Compounds						
2)	Dcaa-Surrogate	6.81	6.70	2531893	1642195	1174.065	1279.367

05/30/02 IC

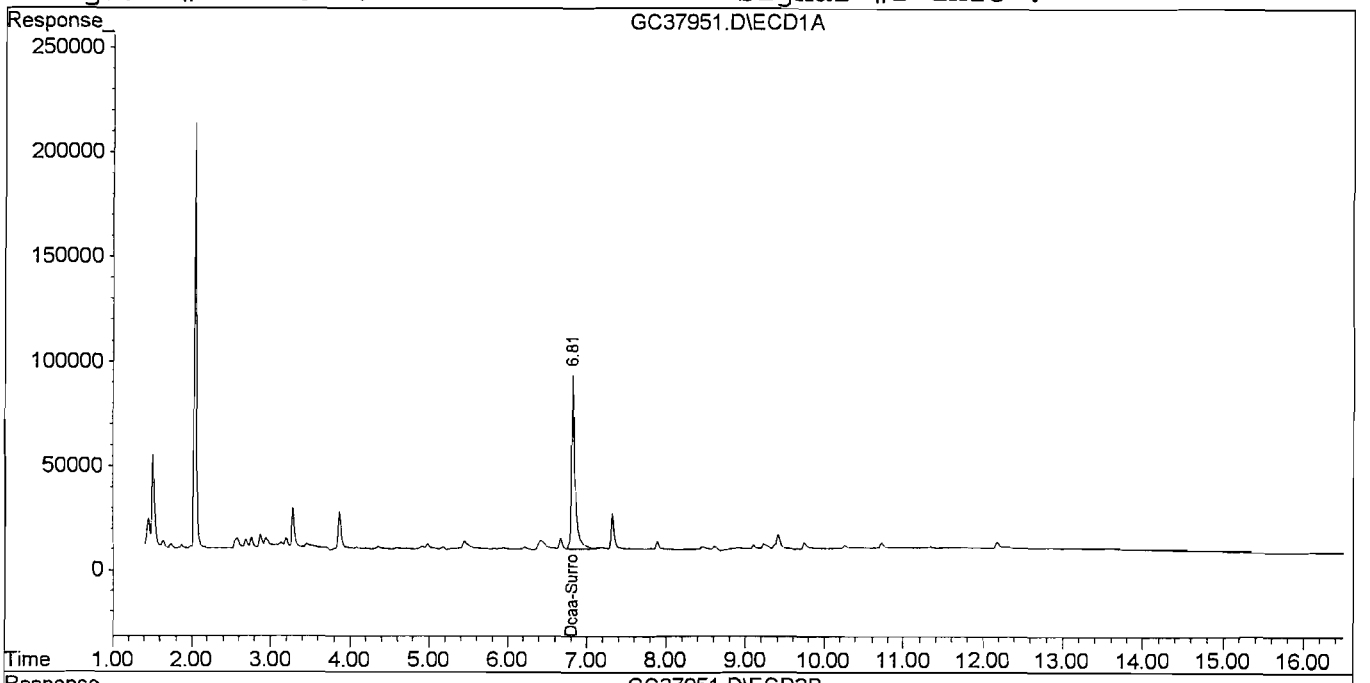
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

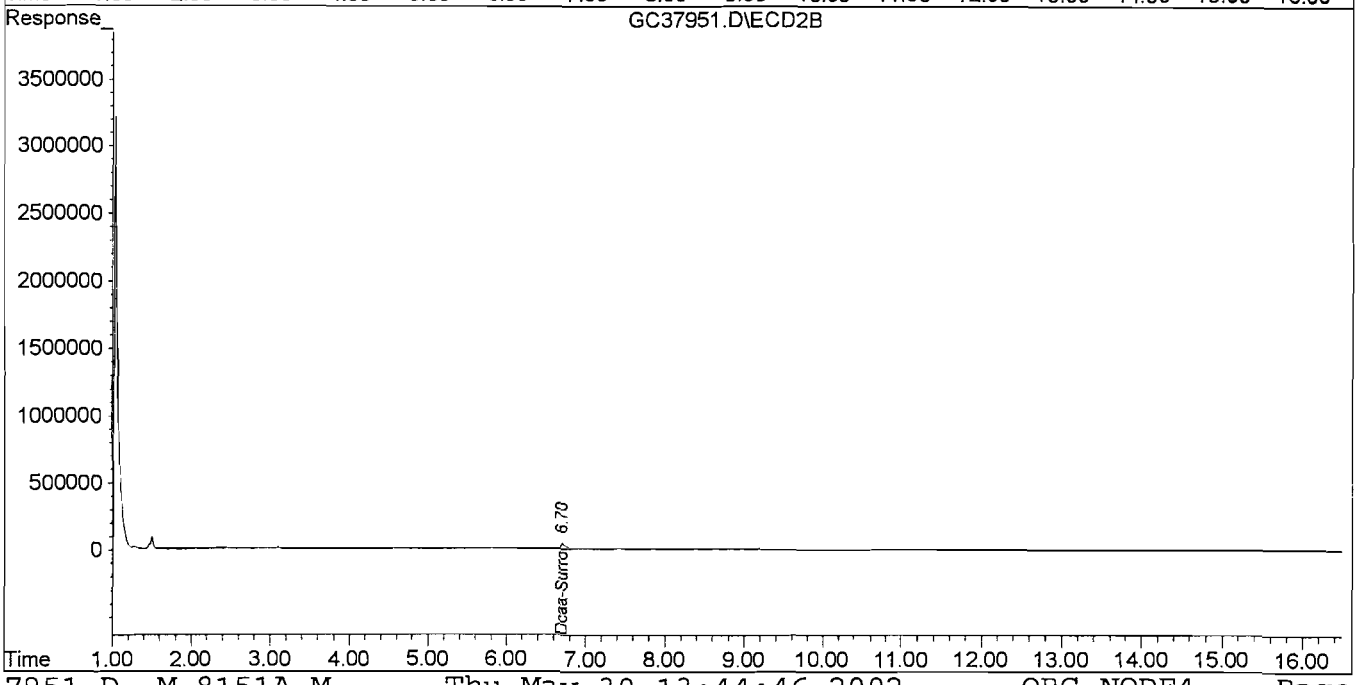
Quantitation Report

Signal #1 : G:\GCDATA\Gc_2\05-30-02\GC37951.D\ECD1A.CH Vial: 10
Signal #2 : G:\GCDATA\Gc_2\05-30-02\GC37951.D\ECD2B.CH
Acq On : 30 May 2002 13:10 Operator: JK
Sample : AB57869(T) Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 13:22 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS HERBICIDE REPORT

Sample Number: AB57873(T) *Matrix:* Water

Client Id: Sample 007 *Initial Volume:* 100ml

Data File: GC37952 *Final Volume:* 10ml

Date Analyzed: 30 May 2002 13:33 *Dilution Factor:* 1

Date Received/Extracted: 5/22/02-05/28/02 *Percent Solids:* 0

Column: J&W-Scientific db-608/1701 30m .32mmID

CAS #	*Compound*	*PQL/MDL*	*Concentration (Units: mg/L)*
94757	2,4-D	0.0020	U
93721	Silvex	0.0020	U

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

Control File: h:\import\14459.txt

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\Gc_2\05-30-02\GC37952.D\ECD1A.CH Vial: 11
Signal #2 : G:\GCDATA\Gc_2\05-30-02\GC37952.D\ECD2B.CH
Acq On : 30 May 2002 13:33 Operator: JK
Sample : AB57873(T) Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 13:42 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
	Target Compounds						
2)	Dcaa-Surrogate	6.81	6.70	2296278	1502390	1064.808	1170.451

05/30/02

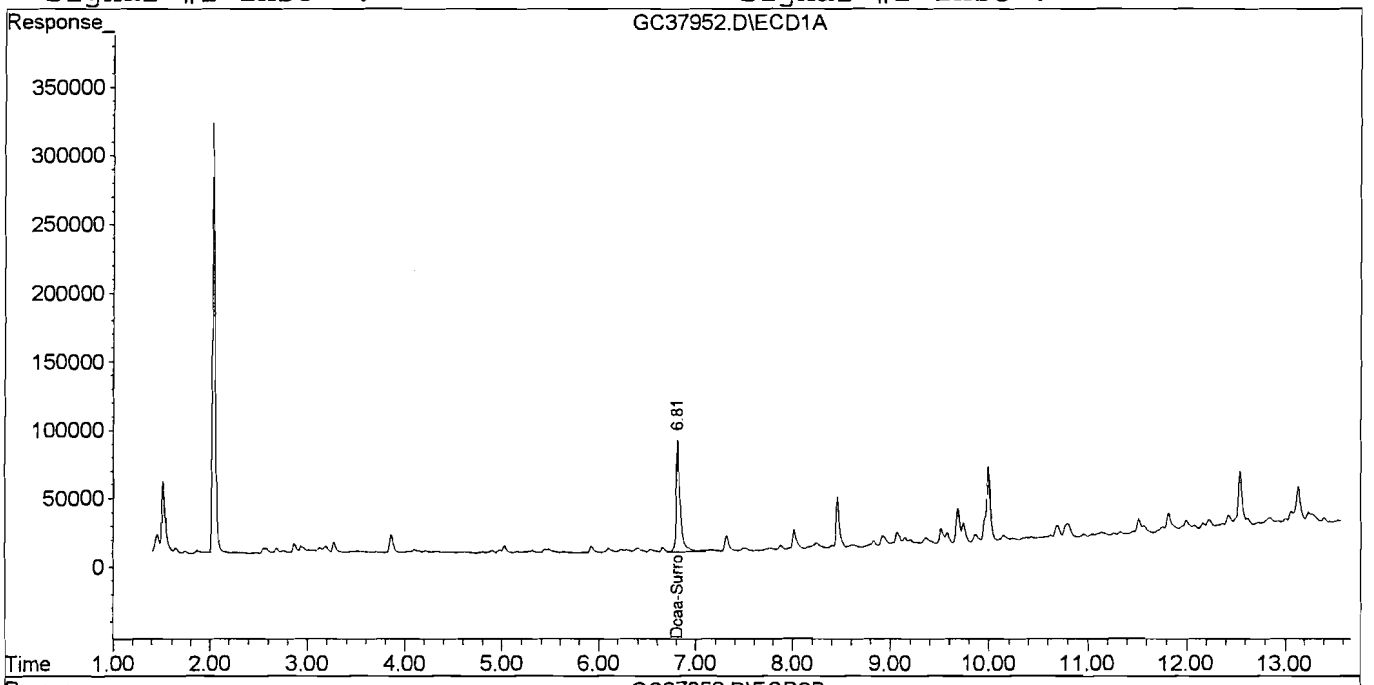
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

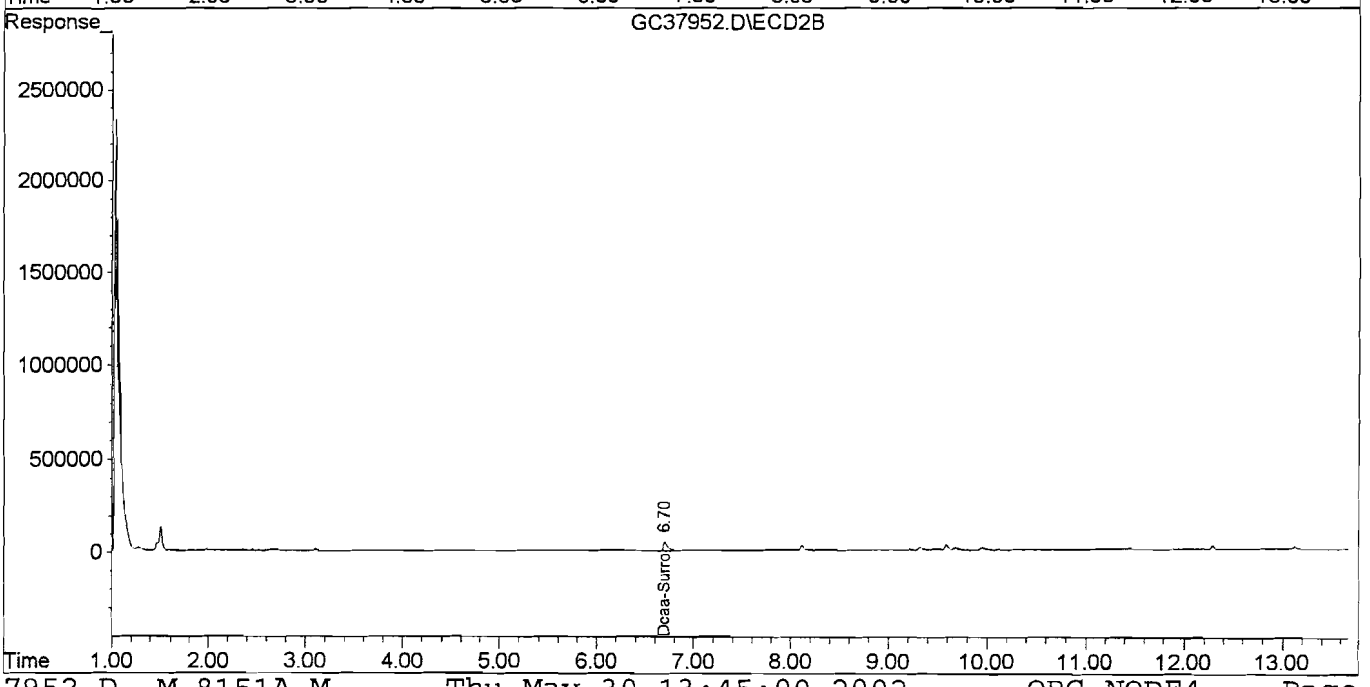
Quantitation Report

Signal #1 : G:\GCDATA\Gc_2\05-30-02\GC37952.D\ECD1A.CH Vial: 11
Signal #2 : G:\GCDATA\Gc_2\05-30-02\GC37952.D\ECD2B.CH
Acq On : 30 May 2002 13:33 Operator: JK
Sample : AB57873(T) Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 13:42 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form3
Spike Recovery

MbsFile:	FY9062.D	**Mbs Sam#:**	MBS	**Matrix:**	Aqueous
NonSpk'd File:	FY9026.D	**NonSpk Sam#:**	AB59142	**Method:**	**8000**
Spk File:	FY9071.D	**Spk Sam#:**	AB59142(MS)		
Spk Dup File:	FY9072.D	**SpkDup Sam#:**	AB59142(MSD)		

Compound	Conc Exp	Mbs Conc	Sam Conc	Spk Conc	Spk Conc	Mbs Rec	Ms Rec	Msd Rec	Rpd		Recov Limit Lo	Recov Limit Hi	Rpd Limit
1,1-Dichloroethene	20	26.2	0	16.17	16.14	131	81	81	0		61	145	14
Benzene	20	23.59	0	18.87	17.67	118	94	88	7		76	127	11
Chlorobenzene	20	24.66	0	22.02	20.27	123	110	101	8		75	130	13
Toluene	20	23.96	0	22.86	19.28	120	114	96	17	*	76	125	13
Trichloroethene	20	23.34	0	18.4	17.86	117	92	89	3		71	120	14

Note:
*** - Failed Specified Compound Criteria ^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

Quantitation Report (Not Reviewed)

Data File : G:\GCMSDATA\GCMS_1\06-18-02\FY9172.D Vial: 9
Acq On : 18 Jun 2002 14:21 Operator: DTW
Sample : AB59307(MS) Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 18 14:56 2002 Quant Results File: M1_0607A.RES

Quant Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Mon Jun 10 11:11:17 2002
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.42	96	282891	30.00	ug/l	0.00
38) Chlorobenzene-d5	10.20	117	223205	30.00	ug/l	0.00
53) 1,4-Dichlorobenzene-d4	12.00	152	132852	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.03	102	21148	31.37	ug/l	-0.02
Spiked Amount 30.000			Recovery = 104.57%			
49) Toluene-d8	8.96	98	266958	28.60	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.33%			
57) Bromofluorobenzene	11.12	174	91863	27.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.76	85	70074	23.41	ug/l	95
4) Chloromethane	2.08	50	86871	21.03	ug/l	97
5) Bromomethane	2.43	94	41869	22.47	ug/l	100
6) Vinyl Chloride	2.05	62	67617	19.14	ug/l	96
7) Chloroethane	2.49	64	48822	23.50	ug/l	99
8) Trichlorofluoromethane	2.81	101	87627	21.64	ug/l	97
9) Methylene Chloride	4.10	84	109393	36.38	ug/l	83
10) Acrolein	3.31	56	77895	112.52	ug/l	95
11) Acrylonitrile	4.47	53	254826	124.44	ug/l	98
12) Iodomethane	3.64	142	73889	22.19	ug/l	98
13) Acetone	3.51	43	460601	221.18	ug/l	98
14) Carbon Disulfide	3.71	76	169952	22.99	ug/l	100
15) t-Butyl Alcohol	4.37	59	60573	116.32	ug/l	94
16) Di-isopropyl-ether	5.30	45	343096	23.54	ug/l	99
17) 1,1-Dichloroethene	3.44	61	88147	20.20	ug/l	93
18) Methyl-t-butyl ether	4.57	73	213943	23.53	ug/l	96
19) 1,1-Dichloroethane	5.13	63	133015	21.49	ug/l	99
20) trans-1,2-Dichloroethene	4.53	96	56498	21.43	ug/l	74
21) cis-1,2-Dichloroethene	5.96	61	82223	22.01	ug/l	80
22) Bromochloromethane	6.30	49	74478	20.02	ug/l	93
23) 2,2-Dichloropropane	5.96	77	61692	20.73	ug/l	95
24) 1,4-Dioxane	8.17	88	56839	1322.57	ug/l	93
25) 1,1-Dichloropropene	6.86	75	73206	21.38	ug/l	94
26) Chloroform	6.43	83	105502	21.03	ug/l	99
28) 1,2-Dichloroethane	7.11	62	129274	21.35	ug/l	89
29) 2-Butanone	6.05	43	102233	27.89	ug/l	95
30) 1,1,1-Trichloroethane	6.66	97	88643	22.29	ug/l	86
31) Carbon Tetrachloride	6.86	117	74193	22.08	ug/l	83

(#) = qualifier out of range (m) = manual integration

ltr 6/18/02 All spiking compounds recovered >10%.

Quantitation Report (Not Reviewed)

Data File : G:\GCMSDATA\GCMS_1\06-18-02\FY9172.D Vial: 9
Acq On : 18 Jun 2002 14:21 Operator: DTW
Sample : AB59307(MS) Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 18 14:56 2002 Quant Results File: M1_0607A.RE

Quant Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Mon Jun 10 11:11:17 2002
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
32)	Vinyl Acetate	5.23	43	432722	25.64 ug/l	100
33)	Bromodichloromethane	8.29	83	76735	20.37 ug/l	98
34)	Dibromomethane	8.14	174	38570	21.40 ug/l	86
35)	1,2-Dichloropropane	8.03	63	73313	22.49 ug/l	95
36)	Trichloroethene	7.81	130	51260	21.60 ug/l	77
37)	Benzene	7.10	78	203666	21.06 ug/l	100
39)	Dibromochloromethane	9.71	129	53612	19.50 ug/l	89
40)	2-Chloroethylvinylether	8.58	63	42141	21.07 ug/l	88
41)	cis-1,3-Dichloropropene	8.72	75	89016	19.10 ug/l	99
42)	trans-1,3-Dichloropropene	9.21	75	79408	19.41 ug/l	99
43)	1,1,2-Trichloroethane	9.37	97	54055	19.67 ug/l	91
44)	1,2-Dibromoethane	9.82	107	60771	20.20 ug/l	98
45)	1,3-Dichloropropane	9.51	76	108391	20.53 ug/l	92
46)	4-Methyl-2-Pentanone	8.85	43	199732	31.12 ug/l	97
47)	2-Hexanone	9.57	43	110254	25.32 ug/l	86
48)	Tetrachloroethene	9.51	164	41624	21.85 ug/l	81
50)	Toluene	9.02	92	149025	24.44 ug/l	91
51)	1,1,1,2-Tetrachloroethane	10.28	133	49002	19.29 ug/l	99
52)	Chlorobenzene	10.22	112	129043	20.58 ug/l	100
54)	Bromoform	10.88	173	36756	17.20 ug/l	86
55)	Ethylbenzene	10.30	106	40752	20.72 ug/l	92
56)	1,1,2,2-Tetrachloroethane	11.20	83	86327	18.09 ug/l	97
58)	Styrene	10.72	104	128695	19.44 ug/l	96
59)	m&p-Xylenes	10.39	106	162932	39.19 ug/l	93
60)	o-Xylene	10.71	106	84888	21.09 ug/l	96
61)	1,3-Dichlorobenzene	11.96	146	99346	19.74 ug/l	93
62)	1,4-Dichlorobenzene	12.02	146	111478	21.26 ug/l	92
63)	1,2-Dichlorobenzene	12.30	146	94358	18.92 ug/l	95
64)	Isopropylbenzene	10.99	105	169529	19.62 ug/l	98
65)	1,2,3-Trichloropropane	11.24	75	96223	19.12 ug/l	92
66)	2-Chlorotoluene	11.39	91	86920	20.30 ug/l	94
67)	4-Chlorotoluene	11.47	91	91008	20.11 ug/l	99
68)	n-Propylbenzene	11.31	91	223325	19.57 ug/l	96
69)	Bromobenzene	11.25	77	149599	19.38 ug/l	93
70)	1,3,5-Trimethylbenzene	11.43	105	169879	20.80 ug/l	87
71)	t-Butylbenzene	11.68	119	127716	19.05 ug/l	96
72)	1,2,4-Trimethylbenzene	11.71	105	187445	21.33 ug/l	92
73)	sec-Butylbenzene	11.84	105	153449	19.15 ug/l	98
74)	4-Isopropyltoluene	11.94	119	130601	19.89 ug/l	96
75)	n-Butylbenzene	12.24	91	121497	19.32 ug/l	95
76)	1,2-Dibromo-3-Chloropropan	12.87	157	13235	17.23 ug/l	77

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GCMSDATA\GCMS_1\06-18-02\FY9172.D Vial: 9
Acq On : 18 Jun 2002 14:21 Operator: DTW
Sample : AB59307(MS) Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 18 14:56 2002 Quant Results File: M1_0607A.RES

Quant Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Mon Jun 10 11:11:17 2002
Response via : Initial Calibration
DataAcq Meth : M_8260A

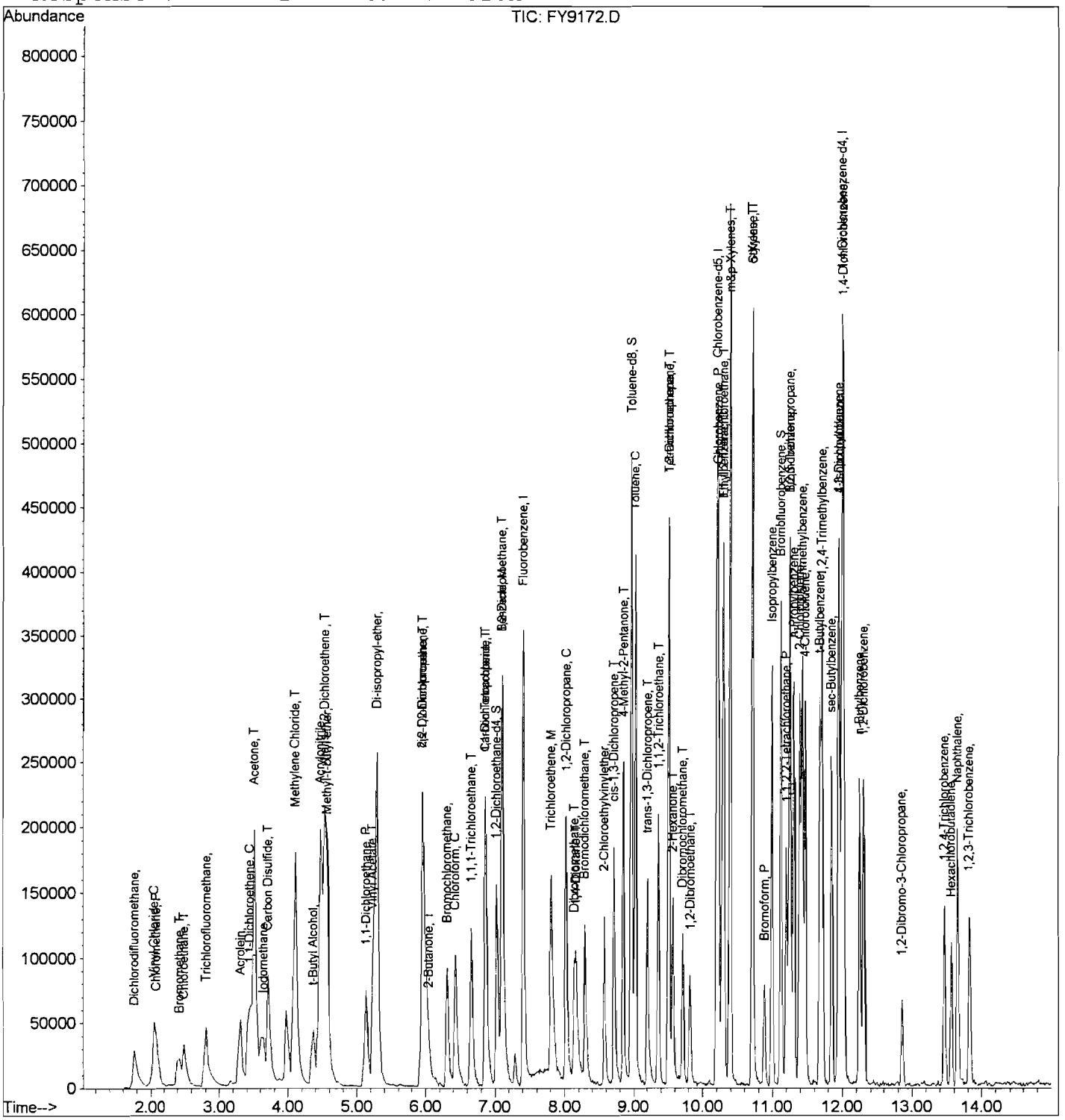
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Hexachlorobutadiene	13.57	225	24052	17.29	ug/l	91
78) 1,2,4-Trichlorobenzene	13.47	180	44656	18.09	ug/l	97
79) 1,2,3-Trichlorobenzene	13.83	180	47255	16.41	ug/l	94
80) Naphthalene	13.65	128	156705	19.40	ug/l	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GCMSDATA\GCMS_1\06-18-02\FY9172.D Vial: 9
Acq On : 18 Jun 2002 14:21 Operator: DTW
Sample : AB59307(MS) Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 18 14:56 2002 Quant Results File: M1_0607A.RE

Method : G:\GCMSDATA\METHODS\M1_0607A.M (RTE Integrator)
Title : @GCMS_1
Last Update : Mon Jun 10 11:11:17 2002
Response via : Initial Calibration



Form3
Spike Recovery

MbsFile:	FX5984.D	**Mbs Sam#:**	WMB1596(MS)	**Matrix:**	Aqueous
NonSpk'd File:	FX5985.D	**NonSpk Sam#:**	AB57806	**Method:**	8000
Spk File:	FX5986.D	**Spk Sam#:**	AB57806(MS)		
Spk Dup File:	FX5987.D	**SpkDup Sam#:**	AB57806(MSD)		

Compound	Conc Exp	Mbs Conc	Sam Conc	Spk Conc	Spk Conc	Mbs Rec	Ms Rec	Msd Rec	Rpd	Recov Limi Lo	Hi	Rpd Limit
1,2,4-Trichlorobenzene	100	82.22	0	82.95	78.12	82	83	78	6	39	98	28
1,4-Dichlorobenzene	100	81.39	0	81.97	65.69	81	82	66	22	36	97	28
2,4-Dinitrotoluene	100	86.35	0	91.24	90.2	86	91	90	1	24	96	38
2-Chlorophenol	100	79.77	0	84.53	77.04	80	85	77	9	27	123	40
4-Chloro-3-methylphenol	100	92.31	0	93.6	93.28	92	94	93	0	23	97	42
4-Nitrophenol	100	36.66	0	66.03	65.66	37	66	66	1	10	80	50
Acenaphthene	100	86.35	0	89.73	89.53	86	90	90	0	46	118	31
N-Nitroso-di-n-propylamine	100	75.16	0	79.84	77.35	75	80	77	3	41	116	38
Pentachlorophenol	100	80.6	0	88.4	93.72	81	88	94	6	9	103	50
Phenol	100	33.67	0	55.69	50.75	34	56	51	9	12	89	42
Pyrene	100	88.63	0	89.53	91.78	89	90	92	2	26	127	31

Note:
*** - Failed Specified Compound Criteria ^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

Quantitation Report (QT Reviewed)

Data File : G:\GCMSDATA\GCMS_5\05-08-02\FX5890.D Vial: 7
Acq On : 8 May 2002 14:21 Operator: Akmal
Sample : AB56810(MS) Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 9 10:43 2002 Quant Results File: MS5_0506.RE

Quant Method : G:\GCMSDATA\METHODS\MS5_0506.M (RTE Integrator)
Title : @GCMS_5
Last Update : Mon May 06 13:01:37 2002
Response via : Initial Calibration
DataAcq Meth : MS5_RUN2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.44	152	14346	40.00	ng	0.00
18) Naphthalene-d8	6.46	136	59052	40.00	ng	-0.01
33) Acenaphthene-d10	7.84	164	42477	40.00	ng	-0.01
55) Phenanthrene-d10	9.25	188	86311	40.00	ng	-0.01
71) Chrysene-d12	12.27	240	120832	40.00	ng	-0.01
82) Perylene-d12	13.87	264	101691	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.20	112	81110	166.64	ng	0.00
Spiked Amount 200.000			Recovery = 83.32%			
6) Phenol-d5	5.21	99	98603	152.95	ng	0.06
Spiked Amount 200.000			Recovery = 76.47%			
19) Nitrobenzene-d5	5.90	128	24460	89.66	ng	0.00
Spiked Amount 100.000			Recovery = 89.66%			
38) 2-Fluorobiphenyl	7.28	172	120899	85.57	ng	0.00
Spiked Amount 100.000			Recovery = 85.57%			
58) 2,4,6-Tribromophenol	8.56	330	31414	182.26	ng	0.00
Spiked Amount 200.000			Recovery = 91.13%			
74) Terphenyl-d14	11.05	244	208469	78.26	ng	-0.01
Spiked Amount 100.000			Recovery = 78.26%			
Target Compounds						Qvalue
7) Phenol	5.23	94	8123323	10740.30	ng	43
8) 2-Chlorophenol	5.26	128	47499	92.12	ng	98
9) 1,3-Dichlorobenzene	5.39	146	46094	84.68	ng	97
10) 1,4-Dichlorobenzene	5.45	146	48255	86.59	ng	94
11) 1,2-Dichlorobenzene	5.58	146	46236	85.32	ng	98
13) bis(2-chloroisopropyl)ethe	5.68	45	36941m	97.75	ng	
14) 2-Methylphenol	5.83	108	1461739	2963.53	ng	82
15) Hexachloroethane	5.85	117	19752m	85.44	ng	
16) N-Nitroso-di-n-propylamine	5.84	70	50232	109.85	ng	84
17) 3&4-Methylphenol	5.83	108	1461739	2731.43	ng	84
20) Nitrobenzene	5.92	77	69727	92.71	ng	84
21) Isophorone	6.12	82	138861	110.30	ng	99
22) 2-Nitrophenol	6.17	139	29333	93.79	ng	85
23) 2,4-Dimethylphenol	6.22	107	167130	261.73	ng	88
24) Benzoic Acid	6.40	105	109706	277.69	ng	85
25) bis(2-Chloroethoxy)methane	6.28	93	61974	94.49	ng	99
26) 2,4-Dichlorophenol	6.36	162	53943	99.50	ng	95
27) 1,2,4-Trichlorobenzene	6.41	180	50171	86.10	ng	99
28) Naphthalene	6.47	128	150038	90.36	ng	98

(#) = qualifier out of range (m) = manual integration

5/29/02 All spiking compounds recovered > 20%.

Quantitation Report (QT Reviewed)

Data File : G:\GCMSDATA\GCMS_5\05-08-02\FX5890.D Vial: 7
Acq On : 8 May 2002 14:21 Operator: Akmal
Sample : AB56810(MS) Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 9 10:43 2002 Quant Results File: MS5_0506.RES

Quant Method : G:\GCMSDATA\METHODS\MS5_0506.M (RTE Integrator)
Title : @GCMS_5
Last Update : Mon May 06 13:01:37 2002
Response via : Initial Calibration
DataAcq Meth : MS5_RUN2

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
29)	4-Chloroaniline	6.36	127	1738	2.91	ng	91
30)	Hexachlorobutadiene	6.56	225	32694	87.83	ng	98
31)	4-Chloro-3-methylphenol	6.91	107	62260	113.55	ng	98
35)	Hexachlorocyclopentadiene	7.11	237	27895	94.50	ng	97
36)	2,4,6-Trichlorophenol	7.22	196	44280	100.60	ng	89
37)	2,4,5-Trichlorophenol	7.22	196	44280	90.95	ng	91
39)	2-Chloronaphthalene	7.38	162	106366	83.76	ng	97
40)	Diphenyl Ether	7.28	170	27942	31.47	ng	25
42)	Acenaphthylene	7.72	152	187510	92.85	ng	98
43)	Dimethylphthalate	7.61	163	154235	99.22	ng	99
44)	2,6-Dinitrotoluene	7.66	165	32473	95.14	ng	84
45)	Acenaphthene	7.86	153	119810	91.56	ng	98
47)	2,4-Dinitrophenol	7.89	184	25385m	121.20	ng	
49)	2,4-Dinitrotoluene	8.00	165	46508	97.76	ng	77
50)	4-Nitrophenol	7.95	65	37066	111.64	ng	65
51)	Fluorene	8.33	166	146369	92.29	ng	97
52)	4-Chlorophenyl-phenylether	8.32	204	74685	91.04	ng	97
53)	Diethylphthalate	8.21	149	166125	107.88	ng	100
54)	4-Nitroaniline	8.33	138	2213	5.67	ng	24
56)	4,6-Dinitro-2-methylphenol	8.38	198	34989m	99.14	ng	
57)	n-Nitrosodiphenylamine	8.43	169	105512	82.41	ng	100
59)	1,2-Diphenylhydrazine	8.47	77	198438	92.69	ng	94
60)	4-Bromophenyl-phenylether	8.80	248	41944	88.21	ng	81
61)	Hexachlorobenzene	8.85	284	37186	85.73	ng	82
63)	Pentachlorophenol	9.05	266	34121m	129.33	ng	
64)	Phenanthrene	9.28	178	245923	90.96	ng	98
65)	Anthracene	9.33	178	252294	91.18	ng	98
68)	Di-n-butylphthalate	9.90	149	347729	116.57	ng	97
70)	Fluoranthene	10.59	202	344430	107.04	ng	84
72)	Pyrene	10.85	202	363336	81.88	ng	83
73)	Benzidine	10.76	184	22579	37.95	ng	94
76)	Butylbenzylphthalate	11.64	149	175509	94.38	ng	89
77)	Methoxychlor	12.26	227	30816	11.99	ng	60
78)	3,3'-Dichlorobenzidine	12.26	252	108371	81.63	ng	98
79)	Benzo[a]anthracene	12.26	228	398450	93.25	ng	99
80)	Chrysene	12.31	228	357902	88.76	ng	98
81)	bis(2-Ethylhexyl)phthalate	12.39	149	7067325	2696.74	ng	89
83)	Di-n-octylphthalate	13.10	149	458070	89.31	ng	99
84)	Benzo[b]fluoranthene	13.48	252	401551	92.55	ng	94
85)	Benzo[k]fluoranthene	13.51	252	359435	82.36	ng	93
86)	Benzo[a]pyrene	13.82	252	378384	91.66	ng	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : G:\GCMSDATA\GCMS_5\05-08-02\FX5890.D Vial: 7
Acq On : 8 May 2002 14:21 Operator: Akmal
Sample : AB56810(MS) Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 9 10:43 2002 Quant Results File: MS5_0506.RE

Quant Method : G:\GCMSDATA\METHODS\MS5_0506.M (RTE Integrator)
Title : @GCMS_5
Last Update : Mon May 06 13:01:37 2002
Response via : Initial Calibration
DataAcq Meth : MS5_RUN2

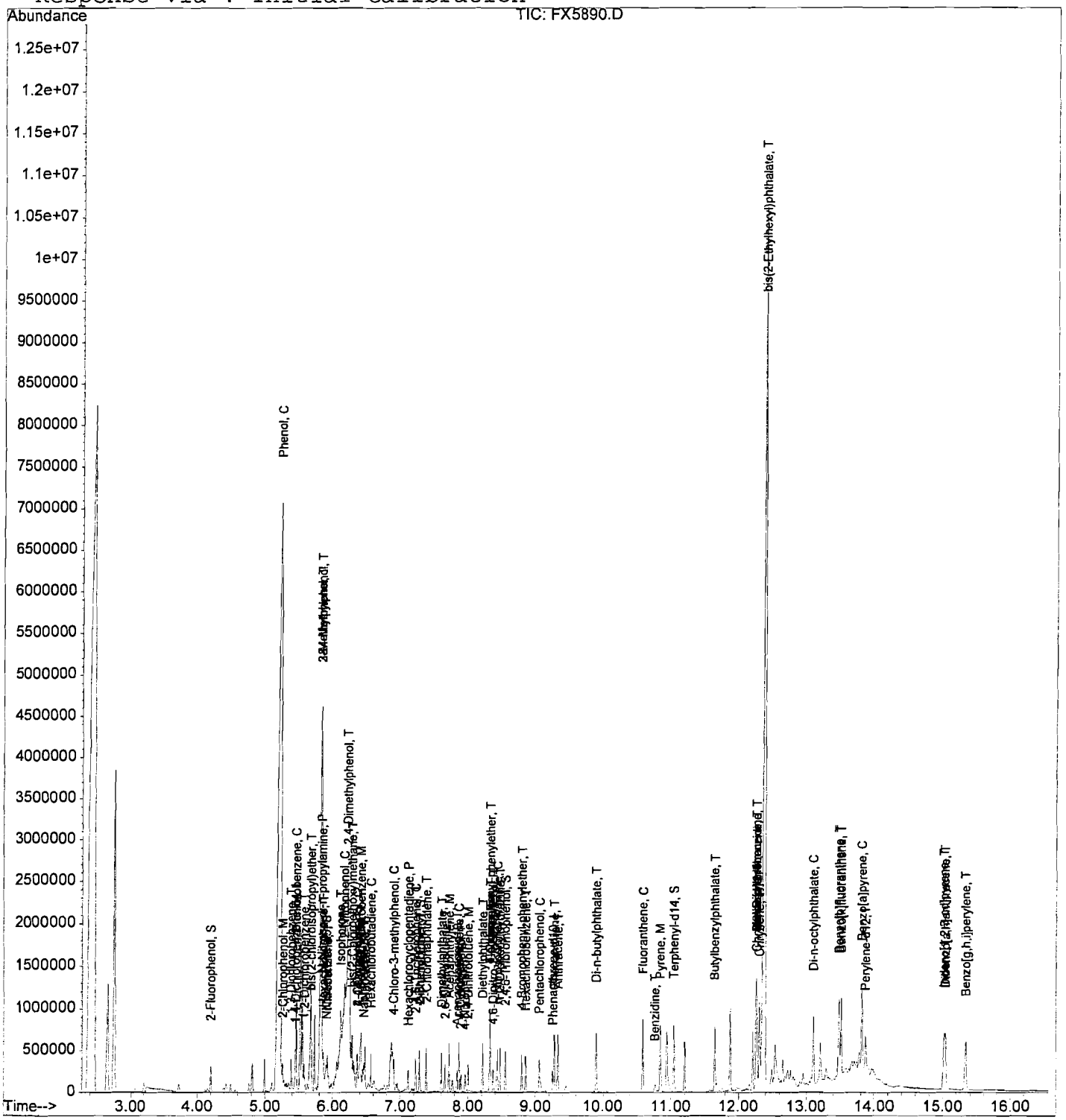
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
87)	Indeno[1,2,3-cd]pyrene	15.02	276	418082	92.55 ng	81
88)	Dibenzo[a,h]anthracene	15.04	278	332322	86.45 ng	89
89)	Benzo[g,h,i]perylene	15.34	276	360260	92.51 ng	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GCMSDATA\GCMS_5\05-08-02\FX5890.D Vial: 7
Acq On : 8 May 2002 14:21 Operator: Akmal
Sample : AB56810(MS) Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 9 10:43 2002 Quant Results File: MS5_0506.RES

Method : G:\GCMSDATA\METHODS\MS5_0506.M (RTE Integrator)
Title : @GCMS_5
Last Update : Mon May 06 13:01:37 2002
Response via : Initial Calibration



Form3
Spike Recovery

MbsFile:	GC37749.D	**Mbs Sam#:**	SMB1813(MS)	**Matrix:**	Soil
NonSpk'd File:	GC37750.D	**NonSpk Sam#:**	AB57683	**Method:**	8000
Spk File:	GC37751.D	**Spk Sam#:**	AB57683(MS)		
Spk Dup File:	GC37752.D	**SpkDup Sam#:**	AB57683(MSD)		

Compound	Conc Exp	Mbs Conc	Sam Conc	Spk Conc	Spk Conc	Mbs Rec	Ms Rec	Msd Rec	Rpd	Recov Limit Lo	Recov Limit Hi	Rpd Limit
Aroclor-1016 #1	1000	809.4	0.0	758.5	813.9	81	76	81	7	29	131	40
Aroclor-1260 #1	1000	959.3	0.0	913.6	963.4	96	91	96	5	29	131	40

Note:

*** - Failed Specified Compound Criteria ^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\GC_2\05-24-02\GC37823.D\ECD1A.CH Vial: 3
Signal #2 : G:\GCDATA\GC_2\05-24-02\GC37823.D\ECD2B.CH
Acq On : 24 May 2002 9:09 Operator: JK
Sample : SMB1817(MS) Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 24 9:55 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 02 14:21:19 2002
Response via : Initial Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.80	2.72	1219113	2807157	86.353	82.192
2)	Aroclor-1016 {1}	4.29	3.38	843607	395864	615.841	617.192
3)	Aroclor-1016 {2}	4.43	3.83	295359	923394	545.022	605.103
4)	Aroclor-1016 {3}	4.54	4.23	237697	1733057	599.973	544.589
5)	Aroclor-1016 {4}	4.67	4.42	570208	647511	643.329	534.929
6)	Aroclor-1016 {5}	4.93	4.57	424591	932417	630.911	619.234
7)	Aroclor-1260 {1}	6.25	6.31	534483	1106361	750.035	508.188 #
8)	Aroclor-1260 {2}	6.51	6.40	638918	1754376	724.190	597.023
9)	Aroclor-1260 {3}	6.71	7.55	370112	3276603	754.416	632.488
10)	Aroclor-1260 {4}	7.31	8.11	422439	1695411	647.799m	746.030
.1)	Aroclor-1260 {5}	7.64	8.66	1224125	818033	731.763	513.720 #
5)	DCB-Surrogate	9.22	9.50	1353458	1907370	83.986	69.033m

05/31/02 JW

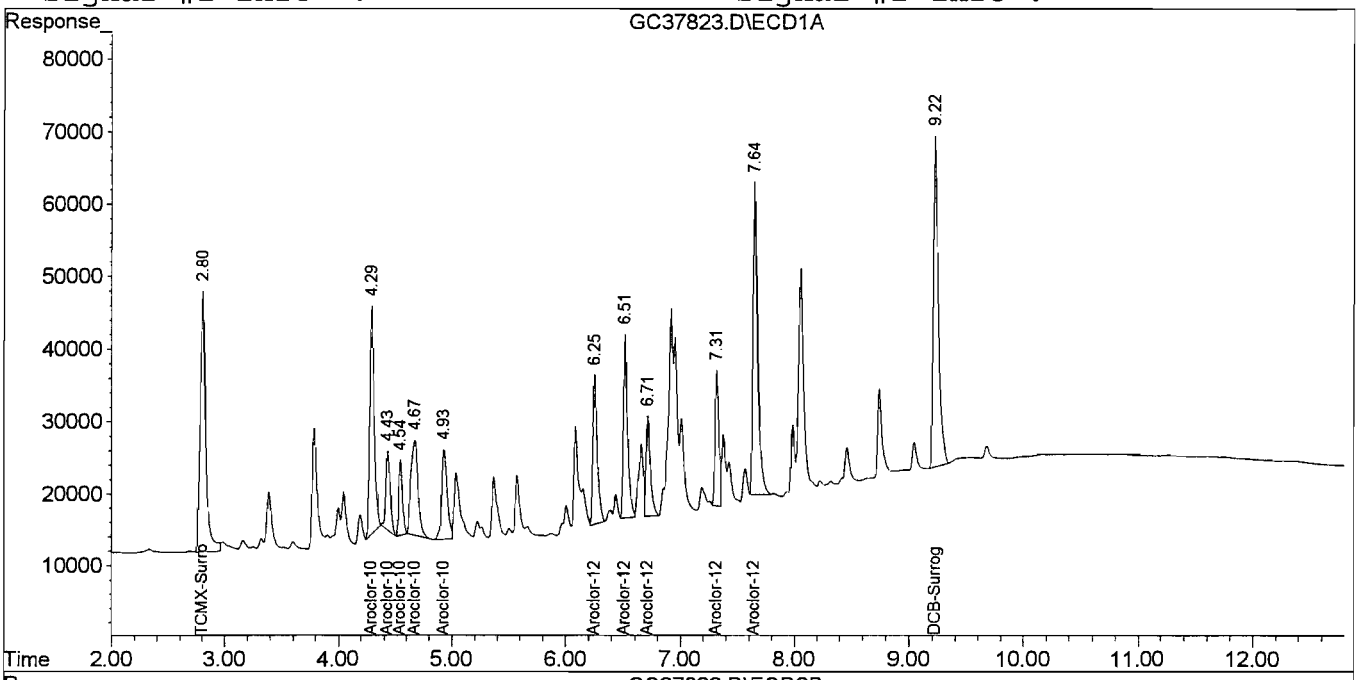
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

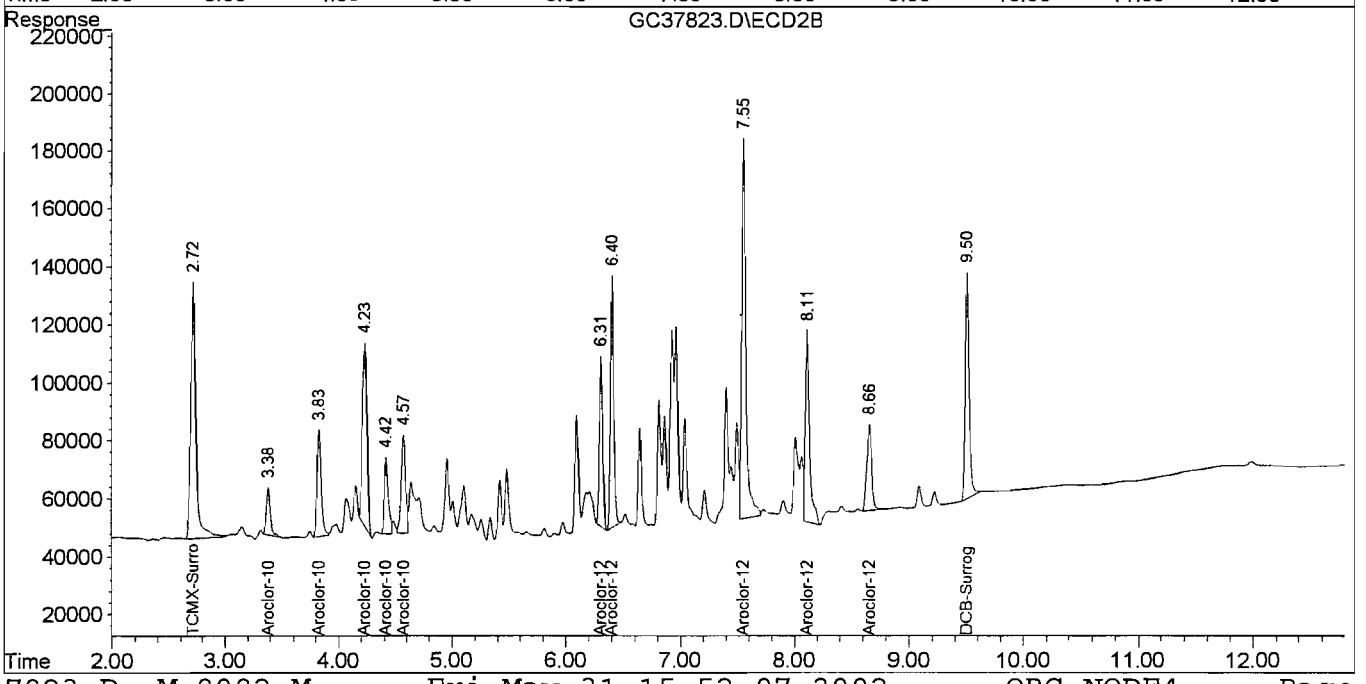
Quantitation Report

Signal #1 : G:\GCDATA\GC_2\05-24-02\GC37823.D\ECD1A.CH Vial: 3
Signal #2 : G:\GCDATA\GC_2\05-24-02\GC37823.D\ECD2B.CH
Acq On : 24 May 2002 9:09 Operator: JK
Sample : SMB1817(MS) Inst : gc_2
Misc : S,PCB Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: May 24 9:55 2002 Quant Results File: M_8082.RES

Quant Method : G:\GCDATA\METHODS\M_8082.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 02 14:21:19 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form3
Spike Recovery

MbsFile:	GD6146.D	**Mbs Sam#:**	WMB1398(MS)	**Matrix:**	Aqueous
NonSpk'd File:	GD6149.D	**NonSpk Sam#:**	AB57012(T)	**Method:**	8000
Spk File:	GD6147.D	**Spk Sam#:**	AB57012(MS)(T)		
Spk Dup File:	GD6148.D	**SpkDup Sam#:**	AB57012(MSD)(T)		

Compound	Conc Exp	Mbs Conc	Sam Conc	Spk Conc	Spk Conc	Mbs Rec	Ms Rec	Msd Rec	Rpd	Recov Limit Lo	Recov Limit Hi	Rpd Limit
Aldrin #2	100	107.2	0.0	106.1	105.3	107	106	105	1	40	120	22
Dieldrin #2	100	95.9	0.0	98.1	98.8	96	98	99	1	52	126	18
Endrin #2	100	110.6	0.0	112.3	109.3	111	112	109	3	56	121	21
gamma-BHC #2	100	105.2	0.0	107.3	107.4	105	107	107	0	56	123	15
Heptachlor #2	100	78.9	0.0	81.3	81.6	79	81	82	0	40	131	20
p,p'-DDT #2	100	104.6	0.0	108.8	109.2	105	109	109	0	38	127	27

Note:

*** - Failed Specified Compound Criteria** **^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\GC_3\05-15-02\GD6148.D\ECD1A.CH Vial: 6
Signal #2 : G:\GCDATA\GC_3\05-15-02\GD6148.D\ECD2B.CH
Acq On : 15 May 2002 10:20 Operator: JR
Sample : AB57012(MSD)(T) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 15 10:37 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Thu Apr 25 14:14:31 2002
Response via : Initial Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.50	3.18	1250091	453146	87.081	79.171
2)	alpha-BHC	4.31	4.05	1845950	677086	98.117	111.995
3)	gamma-BHC	4.77	4.55	1698254	647055	105.961	107.383
4)	beta-BHC	4.88	4.66	874677	361949	95.409	95.038
5)	Heptachlor	5.44	5.17	1499620	597163	88.372	81.631
6)	delta-BHC	5.15	5.07	1475355	551961	89.692	104.971
7)	Aldrin	5.87	5.62	1730295	677321	116.376	105.335
8)	Heptachlor Epoxi	6.68	6.36	1606919	635041	115.979	101.255
11)	Endosulfan I	7.22	6.88	1377887	547409	115.510	98.502
12)	p,p'-DDE	7.08	6.98	1402678	528170	88.391	108.930
13)	Dieldrin	7.53	7.24	1545081	587043	113.541	98.799
14)	Endrin	7.86	7.63	1102481	431589	117.928m	109.296
15)	p,p'-DDD	7.86	7.72	1331972	341192	104.368m	91.813
16)	Endosulfan II	8.14	7.90	1277011	532336	121.324m	104.361
17)	p,p'-DDT	8.22	8.13	1032188	352309	115.938m	109.231
18)	Endrin Aldehyde	8.68	8.32	1111532	482139	118.672	104.145
19)	Endosulfan Sulfa	9.27	8.68	1264770	525023	141.906	126.372
20)	Methoxychlor	8.80	8.97	515174	221796	102.024m	88.747
21)	Endrin Ketone	9.70	9.41	1485561	665792	139.822	122.018
22)	DCB-Surrogate	11.27	11.42	1514301	742494	103.757m	88.644

all TCLP target compound recoveries are >50%

5-29-02 BS

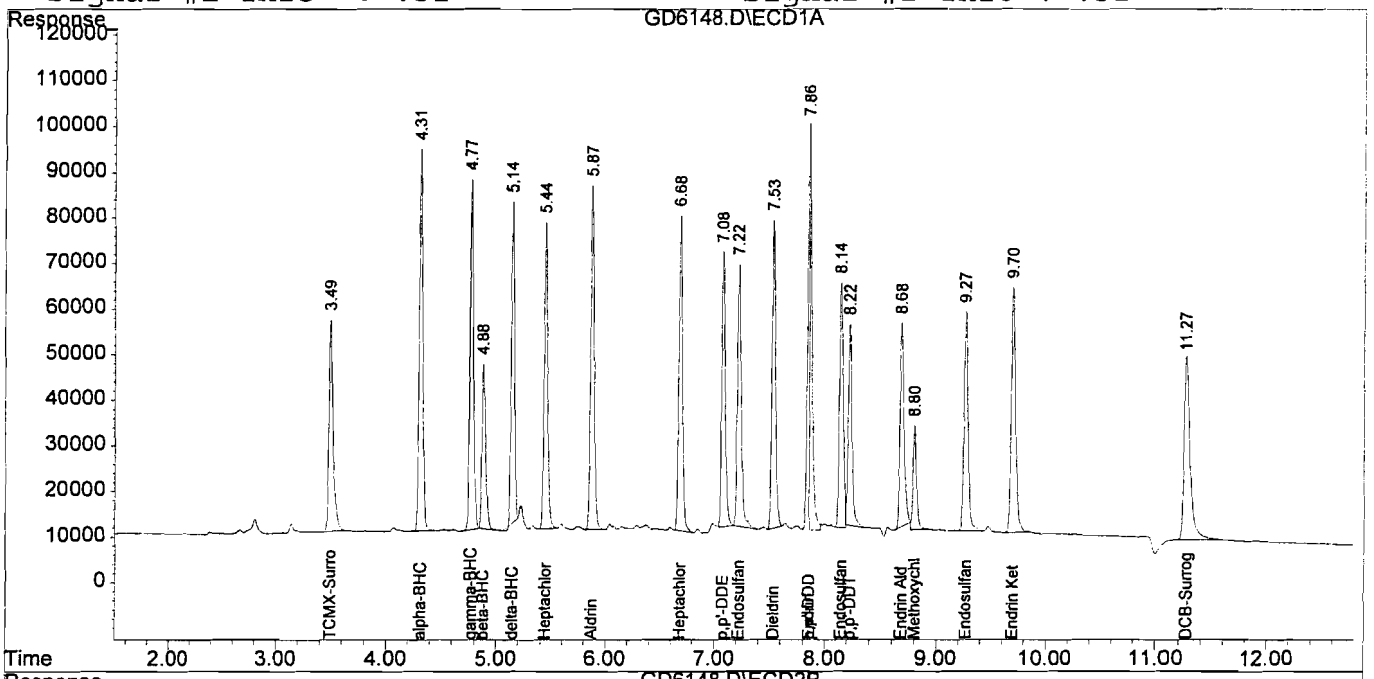
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

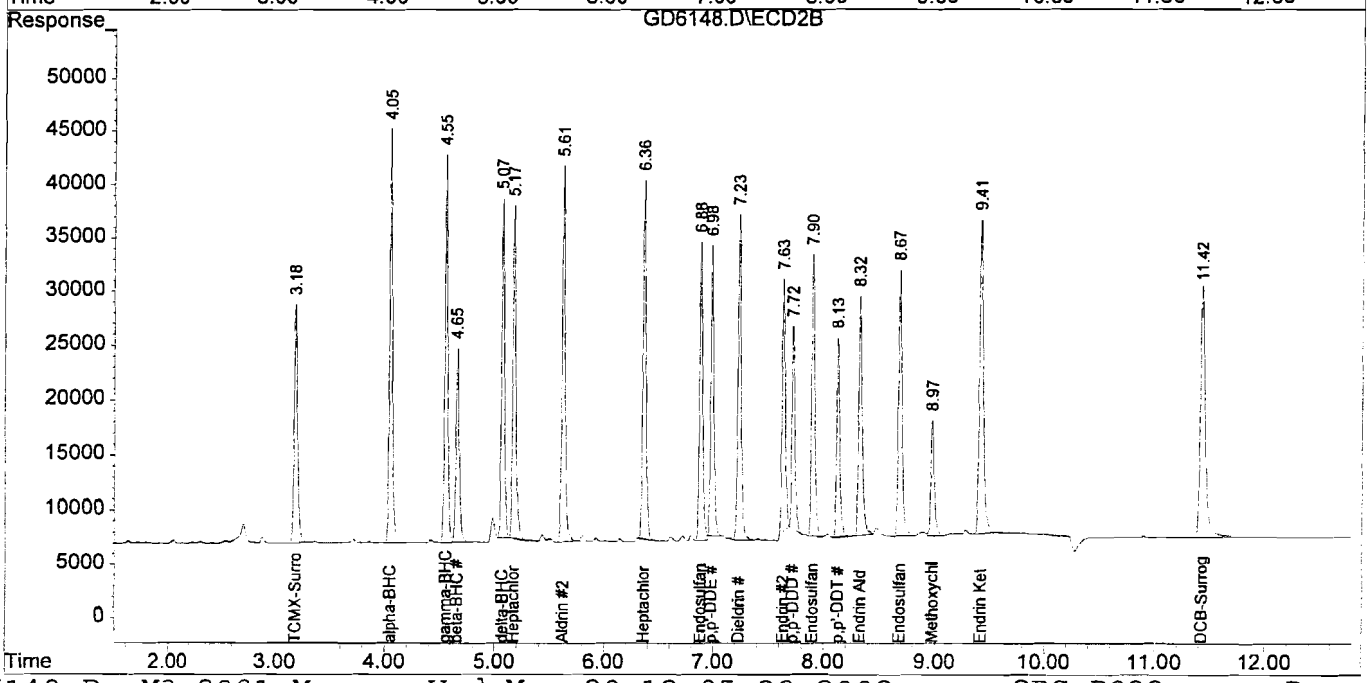
Quantitation Report

Signal #1 : G:\GCDATA\GC_3\05-15-02\GD6148.D\ECD1A.CH Vial: 6
Signal #2 : G:\GCDATA\GC_3\05-15-02\GD6148.D\ECD2B.CH
Acq On : 15 May 2002 10:20 Operator: JR
Sample : AB57012(MSD)(T) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 15 10:37 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Thu Apr 25 14:14:31 2002
Response via : Multiple Level Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\GC_3\05-29-02\GD6300.D\ECD1A.CH Vial: 4
Signal #2 : G:\GCDATA\GC_3\05-29-02\GD6300.D\ECD2B.CH
Acq On : 29 May 2002 9:02 Operator: JR
Sample : WMB1403(MS) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 9:13 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Initial Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2	
	Target Compounds							
1)	TCMX-Surrogate	3.44	3.13	899464	321193	51.416	48.137	
2)	alpha-BHC	4.25	3.98	2409549	1018676	132.675	164.131	
3)	gamma-BHC	4.70	4.48	2246661	1003450	137.128	166.708	
4)	beta-BHC	4.81	4.59	1178318	554595	133.021	157.238	
5)	Heptachlor	5.37	5.09	1846676	850931	120.272	133.474	
6)	delta-BHC	5.07	4.99	2111949	935296	133.309	197.652	#
7)	Aldrin	5.79	5.54	1816451	786730	109.029	105.512	
8)	Heptachlor Epoxi	6.60	6.28	2051683	938386	126.690	139.831	
11)	Endosulfan I	7.13	6.80	1666491	738286	108.819	102.103	
12)	p,p'-DDE	6.99	6.90	1930023	862876	118.453	167.883	#
13)	Dieldrin	7.44	7.15	1945647	876055	133.701	153.300	
14)	Endrin	7.76	7.54	1245811	710922	122.904m	165.046	#
15)	p,p'-DDD	7.76	7.63	1806468	609036	123.722m	175.672	#
16)	Endosulfan II	8.05	7.81	1288930	736268	103.136	121.620	
17)	p,p'-DDT	8.13	8.03	1283784	686592	142.867	220.046	#
18)	Endrin Aldehyde	8.58	8.23	1446667	729600	125.869	143.189	
19)	Endosulfan Sulfa	9.16	8.58	1577691	777945	154.632	157.836	
20)	Methoxychlor	8.71	8.88	796640	487822	155.342	263.320	#
21)	Endrin Ketone	9.58	9.30	1800069	977190	131.576	152.827	
22)	DCB-Surrogate	11.12	11.28	1802584	1060333	98.385m	103.512	

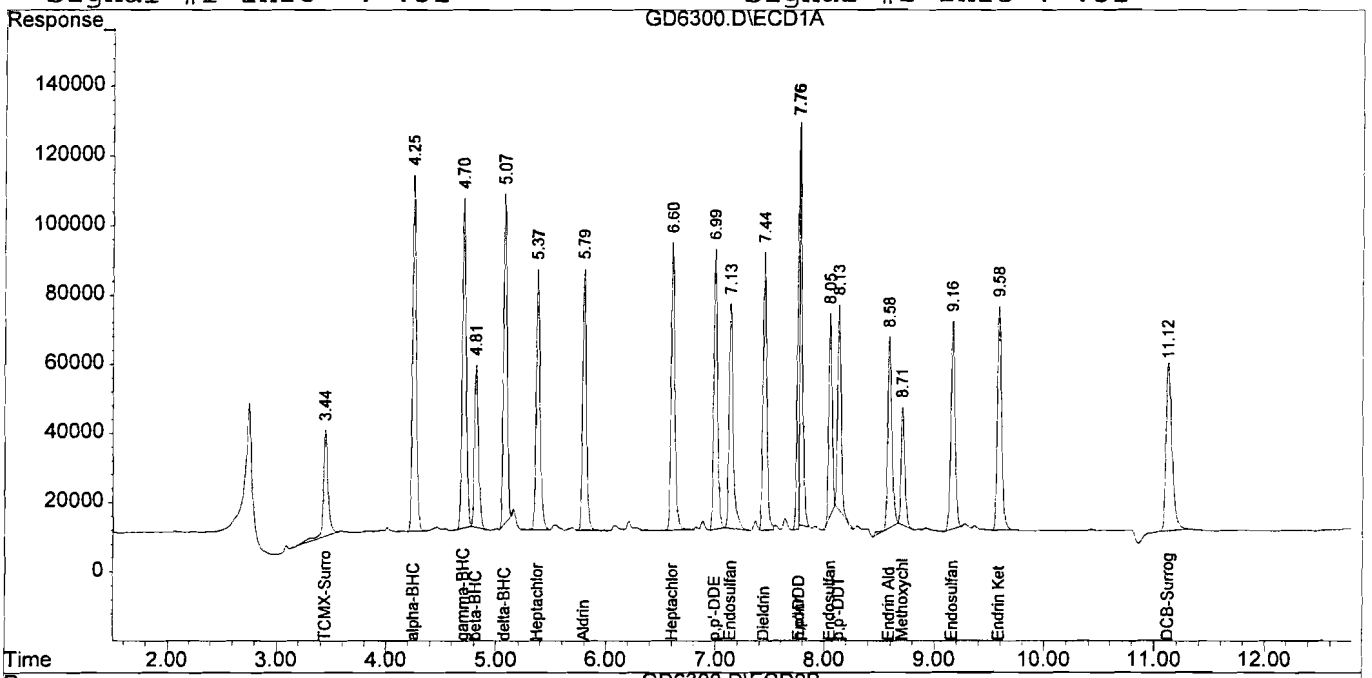
5-29-02

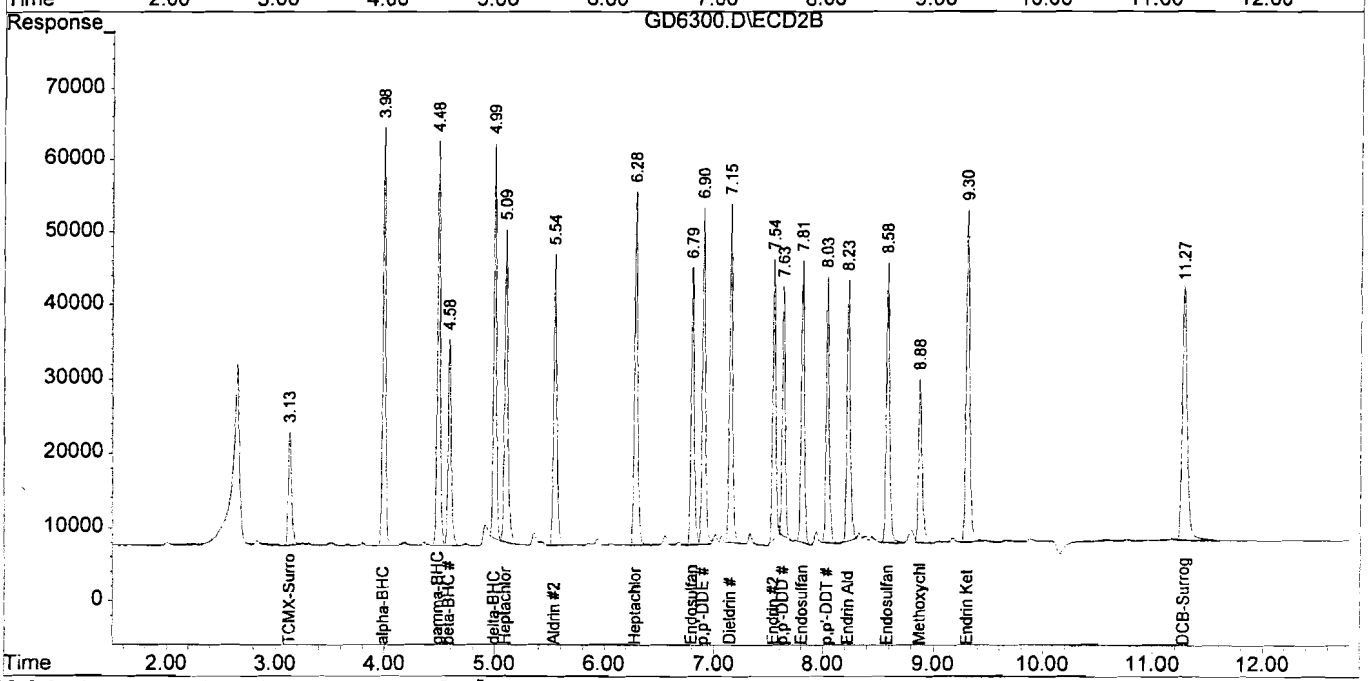
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : G:\GCDATA\GC_3\05-29-02\GD6300.D\ECD1A.CH Vial: 4
Signal #2 : G:\GCDATA\GC_3\05-29-02\GD6300.D\ECD2B.CH
Acq On : 29 May 2002 9:02 Operator: JR
Sample : WMB1403(MS) Inst : GC_3
Misc : A,PEST Multiplr: 1.00
IntFile Signal #1: PEST1.E IntFile Signal #2: Pest2.e
Quant Time: May 29 9:13 2002 Quant Results File: M3_8081.RES

Quant Method : G:\GCDATA\METHODS\M3_8081.M (Chemstation Integrator)
Title : @GC_3
Last Update : Tue May 28 15:57:15 2002
Response via : Multiple Level Calibration
DataAcq Meth : GC3_808R.M

Volume Inj. : 1ul
Signal #1 Phase : db-1701 Signal #2 Phase: db-608
Signal #1 Info : .32 Signal #2 Info : .32





Form3
Spike Recovery

MbsFile:	GC37568.D	**Mbs Sam#:**	WMB1397(MS)	**Matrix:**	Aqueous
NonSpk'd File:	GC37571.D	**NonSpk Sam#:**	AB57010(T)	**Method:**	8000
Spk File:	GC37569.D	**Spk Sam#:**	AB57010(MS)(T)		
Spk Dup File:	GC37570.D	**SpkDup Sam#:**	AB57010(MSD)(T)		

Compound	Conc Exp	Mbs Conc	Sam Conc	Spk Conc	Spk Conc	Mbs Rec	Ms Rec	Msd Rec	Rpd	Recov Limit Lo	Recov Limit Hi	Rpd Limit
2,4-D #1	200	61.6	0.0	58.5	65.8	31	29	33	12	1	200	50
Silvex #1	200	81.3	0.0	75.0	92.0	41	38	46	20	1	200	50

Note:

*** - Failed Specified Compound Criteria ^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated**

Quantitation Report (QT Reviewed)

Signal #1 : G:\GCDATA\GC_2\05-30-02\GC37949.D\ECD1A.CH Vial: 8
Signal #2 : G:\GCDATA\GC_2\05-30-02\GC37949.D\ECD2B.CH
Acq On : 30 May 2002 12:33 Operator: JK
Sample : WMB1404(MS) Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 12:40 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
	Target Compounds						
1)	Dalapon	1.98	1.83	504116	376417	135.154m	145.933m
2)	Dcaa-Surrogate	6.81	6.69	2287799	1476190	1060.876	1150.039
3)	Dicamba	6.94	6.87	1289212	862548	163.438	152.721
4)	Dichloroprop	7.53	7.30	460059	319347	156.414	154.698
5)	2,4-D	7.80	7.62	378756	190026	109.512m	82.902
6)	Silvex	8.29	8.05	1967215	1240093	142.619	160.710
7)	2,4,5-T	8.60	8.39	1930791	843944	142.399	172.859m
8)	2,4-DB	8.92	8.67	258103	149466	143.561	156.233
9)	Dinoseb	9.26	8.46	1134864	995057	110.143	128.812m

05/30/02

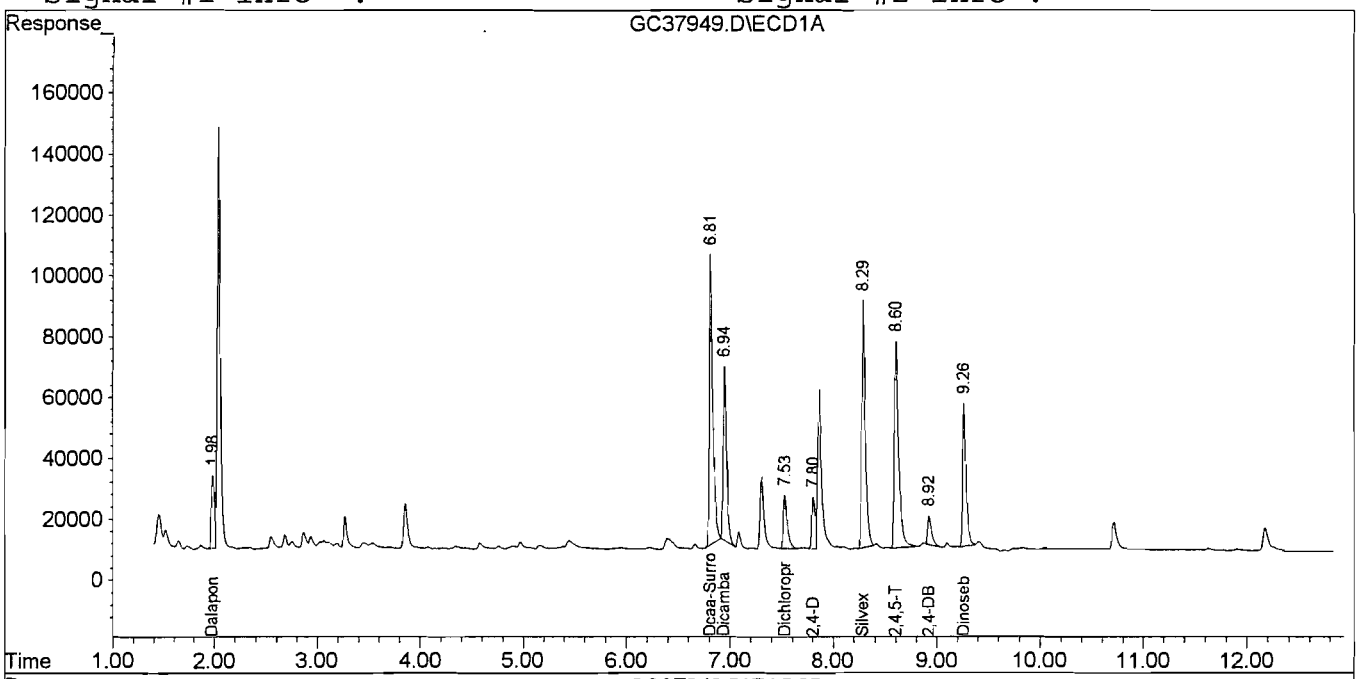
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

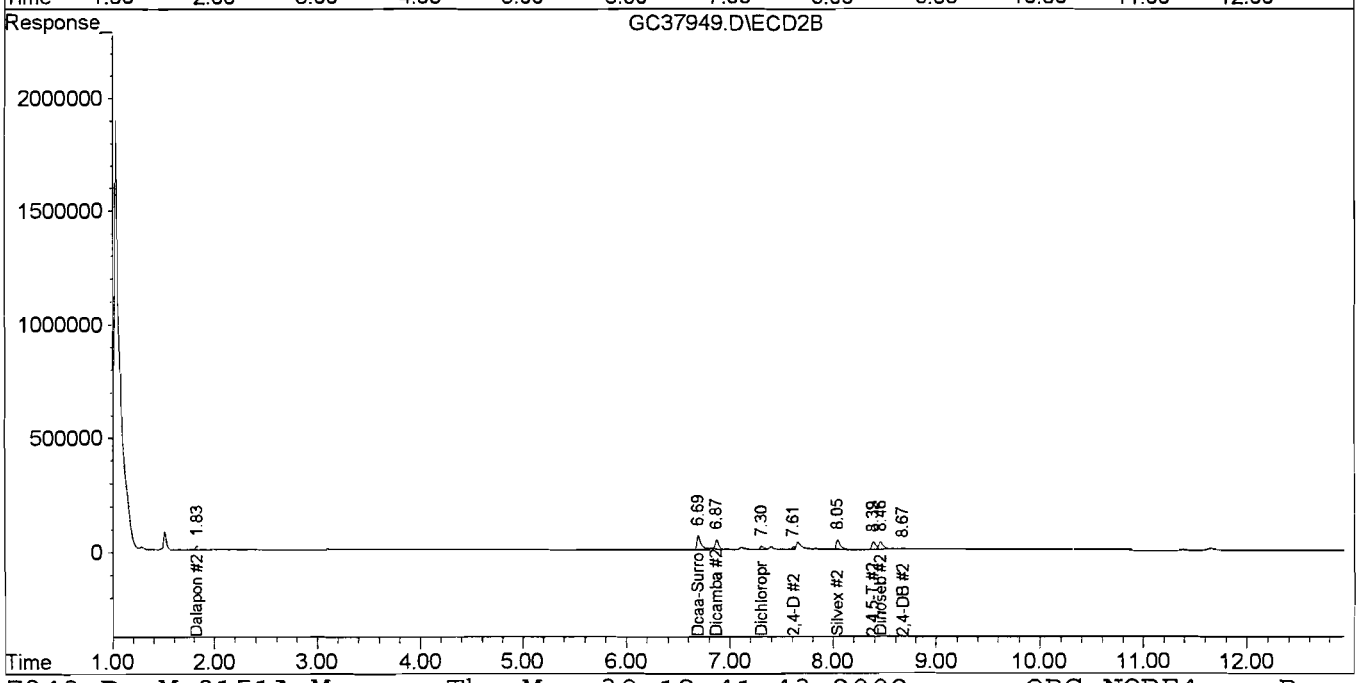
Quantitation Report

Signal #1 : G:\GCDATA\GC_2\05-30-02\GC37949.D\ECD1A.CH Vial: 8
Signal #2 : G:\GCDATA\GC_2\05-30-02\GC37949.D\ECD2B.CH
Acq On : 30 May 2002 12:33 Operator: JK
Sample : WMB1404(MS) Inst : gc_2
Misc : A,HERB Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: May 30 12:40 2002 Quant Results File: M_8151A.RES

Quant Method : G:\GCDATA\METHODS\M_8151A.M (Chemstation Integrator)
Title : @GC_2
Last Update : Thu May 30 12:35:42 2002
Response via : Multiple Level Calibration
DataAcq Meth : M_8081H.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 05/24/02
Data File: T4028Z
Prep Batch: 4028
Reporting Limits Used: TCLP,SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	ICB M-02-BLK-356-3	CCB-15	CCB-27	CCB-36	MB 4028 (1)-6	EF-1-2132-32		
Arsenic	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U		
Barium	.2 U	.2 U	.2 U	.2 U	.2 U	.99 a		
Cadmium	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U		
Chromium	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U		
Lead	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U		
Nickel	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U		
Selenium	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U		
Silver	.1 U	.1 U	.1 U	.1 U	.1 U	.1 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
b-indicates result found above reporting limits in Method Blank but result is <2.2 * Reporting limit (Method 200.7 only)
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 05/24/02
Data File: T4028Y
Prep Batch: 4028
Reporting Limits Used: TCLP,SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	ICB M-01-BLK-356-3	CCB-10						
Lead	.3 U	.3 U						

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
b-indicates result found above reporting limits in Method Blank but result is <2.2 * Reporting limit (Method 200.7 only)
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 05/24/02
Data File: H4028t
Prep Batch: 4028
Reporting Limits Used: TCLP,SW846
Instrument: HGCV2
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	ICB-9	CCB-21	CCB-33	CCB-36	MB 4028 (1)-10	EF-1-2132-34		
Mercury	.6 U	.6 U	.6 U	.6 U	.6 U	.6 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
b-indicates result found above reporting limits in Method Blank but result is <2.2 * Reporting limit (Method 200.7 only)
u-indicates result below reporting limit

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: T4028Z
Prep Batch: 4028
Analytical Method: SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57871-10		AB57871-12-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Arsenic	5			1.057		6.969	118				
Barium	5			0.342		5.324	100				
Cadmium	2.5			0.1	U	2.495	100				
Chromium	5			0.2	U	5.17	103				
Lead	5			2.433		7.374	99				
Nickel	5			1.087		6.098	100				
Selenium	5			0.2	U	6.473	129				
Silver	1			0.1	U	0.964	96				

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: T4028Z
Prep Batch: 4028
Analytical Method: SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57867-16		AB57867-17-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Arsenic	5			0.3	U	5.385	108				
Barium	5			0.586		5.438	97				
Cadmium	2.5			0.1	U	2.449	98				
Chromium	5			0.2	U	5.083	102				
Lead	5			0.423		5.226	96				
Nickel	5			0.2	U	4.859	97				
Selenium	5			0.2	U	5.503	110				
Silver	1			0.1	U	0.964	96				

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: T4028Z
Prep Batch: 4028
Analytical Method: SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57868-18		AB57868-19-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Arsenic	5			0.3	U	5.294	106				
Barium	5			0.443		5.22	96				
Cadmium	2.5			0.1	U	2.41	96				
Chromium	5			0.2	U	4.974	99				
Lead	5			1.385		6.012	93				
Nickel	5			0.2	U	4.801	96				
Selenium	5			0.2	U	5.338	107				
Silver	1			0.1	U	0.962	96				

Qc Limits:	
EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: T4028Z
Prep Batch: 4028
Analytical Method: SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57869-20		AB57869-21-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Arsenic	5			0.3	U	5.448	109				
Barium	5			0.2	U	4.932	99				
Cadmium	2.5			0.1	U	2.421	97				
Chromium	5			0.2	U	4.923	98				
Lead	5			0.3	U	4.842	97				
Nickel	5			0.2	U	4.786	96				
Selenium	5			0.2	U	5.871	117				
Silver	1			0.1	U	0.95	95				

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: T4028Z
Prep Batch: 4028
Analytical Method: SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57870-22		AB57870-23-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Arsenic	5			0.3	U	5.221	104				
Barium	5			90.499		89.884	-12 b				
Cadmium	2.5			0.1	U	2.389	96				
Chromium	5			0.2	U	4.965	99				
Lead	5			0.3	U	4.934	99				
Nickel	5			0.2	U	4.772	95				
Selenium	5			0.2	U	5.408	108				
Silver	1			0.1	U	0.957	96				

Qc Limits:	
EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: T4028Z
Prep Batch: 4028
Analytical Method: SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57874-28		AB57874-29-1X	%REC OR Conc	LCSW-7-1X	%REC OR Conc	LCSW MR-8-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc
rsenic	5			0.3	U	5.186	104	4.987	100	4.889	98		
Barium	5			0.451		5.134	94	5.023	100	4.943	99		
admium	2.5			0.1	U	2.326	93	2.486	99	2.464	99		
hromium	5			0.2	U	4.888	98	4.999	100	4.921	98		
Lead	5			0.3	U	4.769	95	4.991	100	4.952	99		
ickel	5			0.2	U	4.667	93	4.984	100	4.942	99		
elenium	5			0.2	U	5.44	109	4.862	97	4.895	98		
Silver	1			0.1	U	0.946	95	0.995	100	0.977	98		

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: H4028t
Prep Batch: 4028
Analytical Method: SW846
Instrument: HGCV2
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57872-13		AB57872-15-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Mercury	10			0.6	U	10.626323	106				

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: H4028t
Prep Batch: 4028
Analytical Method: SW846
Instrument: HGCV2
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57867-16		AB57867-17-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Mercury	10			0.6	U	10.595900	106				

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: H4028t
Prep Batch: 4028
Analytical Method: SW846
Instrument: HGCV2
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57868-18		AB57868-19-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Mercury	10			0.6	U	10.394474	104				

Qc Limits:	
EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: H4028t
Prep Batch: 4028
Analytical Method: SW846
Instrument: HGCV2
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57869-22	AB57869-23-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Mercury	10			0.6 U	10.273059	103				

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: H4028t
Prep Batch: 4028
Analytical Method: SW846
Instrument: HGCV2
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57870-24		AB57870-25-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc	%REC OR Conc
Mercury	10			0.6	U	10.293910	103				

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 05/24/02
Data File: H4028t
Prep Batch: 4028
Analytical Method: SW846
Instrument: HGCV2
Units: All units in ppm except Hg in ppb
Project Number: 05221831

Analyte	Spike Amts MS-Tclp MS-Aq LCS-Aq MS-soil	Spike Amts LCS Soil	LCS Soil Rec Limits	Non Spike Conc AB57874-28		AB57874-29-1X	%REC OR Conc	LCSW-11-1X	%REC OR Conc	LCSW MR-12-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc
Mercury	10			0.6	U	10.200036	102	9.9924087	100	9.9387767	99		

Qc Limits:

EPA600:	SW846
LCS: 85-115 MS: 70-130	LCS SOIL: See Above Range LCS Aqueous/TCLP or MS soil/aqueous:75-125 MS TCLP: >50%

Flags:

U: Conc < Reporting Limit
a: Recovery Failed Specified Limit
b: Recovery Failed Specified Limit but Non Spike concentration > 4* spike amount

FORM6/FORM9
RPDS

Date Analyzed: 05/24/02
Data File: T4028Z
Prep Batch: 4028
Analytical Method: SW846
Instrument: ARLICP
Units: All units in ppm except Hg in ppb
Project Number: 05221831

		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	Qc Limits	AB57871-10	AB57871-11	RPD	LCSW-7	LCSW MR-8	RPD	AB57871-10	AB57871-9	%Diff
Arsenic	<=20	1.057	1.078	2				1.057	0.505	71 Sd
Barium	<=20	0.342	0.336	1.8				0.342	0.32	6.6
Cadmium	<=20	0.1 U	0.1 U	---				0.018	0.055 U	---
Chromium	<=20	0.2 U	0.2 U	---				0.030	0.12 U	---
Lead	<=20	2.433	2.344	3.7				2.433	2.175	11 Sa
Nickel	<=20	1.087	1.073	1.3				1.087	0.925	16 Sd
Selenium	<=20	0.2 U	0.2 U	---				0.083 U	0.415 U	---
Silver	<=20	0.1 U	0.1 U	---				0.004 U	0.02 U	---

Flags:

Na:Method Rep out but concentrations < 5* Reporting Limits
Nb:Method Rep outside of Qc Limits
U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
Sc: Serial Dilution out but concentration < RL but > IDL
Sd: Sb + Sc

FORM6/FORM9
RPDS

Date Analyzed: 05/24/02
Data File: H4028t
Prep Batch: 4028
Analytical Method: SW846
Instrument: HGCV2
Units: All units in ppm except Hg in ppb
Project Number: 05221831

		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	Qc Limits	AB57872-13	AB57872-14	RPD	LCSW-11	LCSW MR-12	RPD			%Diff
Mercury	<=20	0.60 U	0.60 U	---						

Flags:

Na:Method Rep out but concentrations < 5* Reporting Limits
Nb:Method Rep outside of Qc Limits
U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 * IDL
Sc: Serial Dilution out but concentration < RL but > IDL
Sd: Sb + Sc

Analysis Type: IGNIT
Batch Number: IGNIT-18
Cal Curve Date:
Units:

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AB56811	NA	NA	NA	NA	NA	NA	
DUP	AB56810	NA	NA	NA	NA	NA	NA	
DUP	AB56809	NA	NA	NA	NA	NA	NA	
DUP	AB56808	NA	NA	NA	NA	NA	NA	
DUP	AB56807	NA	NA	NA	NA	NA	NA	
DUP	AB56806	NA	NA	NA	NA	NA	NA	
DUP	AB56805	NA	NA	NA	NA	NA	NA	
DUP	AB56804	NA	NA	NA	NA	NA	NA	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Pos/Neg	Prep Date	Prep By	Anal Date	Anal By
AB56805	Sample		POS		100	0	POS			05/07/02	KM
AB56805	DUP		POS		100	0	POS			05/07/02	KM
AB56804	Sample		POS		100	0	POS			05/07/02	KM
AB56804	DUP		POS		100	0	POS			05/07/02	KM
AB56806	Sample		POS		100	0	POS			05/07/02	KM
AB56806	DUP		POS		100	0	POS			05/07/02	KM
AB56807	Sample		POS		100	0	POS			05/07/02	KM
AB56807	DUP		POS		100	0	POS			05/07/02	KM
AB56808	Sample		POS		100	0	POS			05/07/02	KM
AB56808	DUP		POS		100	0	POS			05/07/02	KM
AB56809	Sample		POS		100	0	POS			05/07/02	KM
AB56809	DUP		POS		100	0	POS			05/07/02	KM
AB56810	Sample		POS		100	0	POS			05/07/02	KM
AB56810	DUP		POS		100	0	POS			05/07/02	KM
AB56811	Sample		POS		100	0	POS			05/07/02	KM
AB56811	DUP		POS		100	0	POS			05/07/02	KM
AB57238	Sample		NEG		100	0	NEG			05/15/02	km
AB57486	Sample		NEG		100	0	NEG			05/20/02	km
AB57813	Sample		NEG		100	0	NEG			05/23/02	bct
AB57842	Sample		NEG		100	0	NEG			05/23/02	bct
AB57871	Sample		NEG		100	0	NEG			05/23/02	bct

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: IGNIT
Batch Number: IGNIT-19
Cal Curve Date:
Units:

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AB57874	NA	NA	NA	NA	NA	NA	
DUP	AB57870	NA	NA	NA	NA	NA	NA	
DUP	AB57868	NA	NA	NA	NA	NA	NA	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Pos/Neg	Prep Date	Prep By	Anal Date	Anal By
AB57868	Sample		POS		100	0	POS			05/23/02	bct
AB57868	DUP		POS		100	0	POS			05/23/02	bct
AB57870	Sample		POS		100	0	POS			05/23/02	bct
AB57870	DUP		POS		100	0	POS			05/23/02	bct
AB57872	Sample		NEG		100	0	NEG			05/23/02	bct
AB57873	Sample		NEG		100	0	NEG			05/23/02	bct
AB58383	Sample		NEG		100	0	NEG			05/31/02	km
AB58874	Sample		NEG		100	0	NEG			06/06/02	km
AB58875	Sample		NEG		100	0	NEG			06/06/02	km
AB57874	Sample		POS		100	0	POS			06/07/02	km
AB57874	DUP		POS		100	0	POS			06/07/02	km
AB59158	Sample		NEG		100	0	NEG			06/12/02	km
AB59240	Sample		NEG		100	0	NEG			06/13/02	km
AB59241	Sample		NEG		100	0	NEG			06/13/02	km
AB59242	Sample		NEG		100	0	NEG			06/13/02	km
AB59243	Sample		NEG		100	0	NEG			06/13/02	km
AB59244	Sample		NEG		100	0	NEG			06/13/02	km

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: PH-S
Batch Number: PH-S-24
Cal Curve Date:
Units: Ph

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AB57868	NA	NA	20	6.08	NA	2.3	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	PH	Prep Date	Prep By	Anal Date	Anal By
AB57868	Sample		5.9		100	5.94	5.94			05/23/02	bct
AB57868	DUP		6.1		100	6.08	6.08			05/23/02	bct
AB57870	Sample		7.6		100	7.63	7.63			05/23/02	bct
AB57871	Sample		8.8		100	8.78	8.78			05/23/02	bct
AB57872	Sample		5		100	5.02	5.02			05/23/02	bct
AB57873	Sample		7.2		100	7.17	7.17			05/23/02	bct
AB58383	Sample		8.8		100	8.8	8.80			05/31/02	km
AB58666	Sample		4.4		100	4.39	4.39			06/04/02	km
AB58668	Sample		3.9		100	3.89	3.89			06/04/02	km
AB58669	Sample		7.2		100	7.2	7.20			06/04/02	km
AB58670	Sample		7.5		100	7.49	7.49			06/04/02	km
AB58671	Sample		8.3		100	8.32	8.32			06/04/02	km
AB58874	Sample		7.9		100	7.86	7.86			06/06/02	km
AB58875	Sample		6.9		100	6.91	6.91			06/06/02	km
AB57874	Sample		6.5		100	6.53	6.53			06/07/02	km
AB59158	Sample		13		100	13.22	13.22			06/12/02	km
AB59240	Sample		7.6		100	7.56	7.56			06/13/02	km
AB59241	Sample		8		100	7.97	7.97			06/13/02	km
AB59242	Sample		9.4		100	9.36	9.36			06/13/02	km
AB59243	Sample		11		100	10.97	10.97			06/13/02	km
AB59244	Sample		8.9		100	8.95	8.95			06/13/02	km

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL)
Rp - RPD failed specified criteria.
Na - Not Applicable
Nc - Not Checked ..either one or both values =ND

Analysis Type: RCN
Batch Number: RCN-17
Cal Curve Date: 05/07/02
Units: mg/kg

Calibration Curve Information

Concentration:	Abs/Area
0	0.009
0.01	0.018
0.02	0.032
0.04	0.064
0.08	0.118
0.2	0.303
0.4	0.63
0.8	1.203

Slope: 1.509112
Intercept: 0.00473456
Rsquared: 0.9997404
Date Performed: 05/07/02

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
CAL-01	CAL-01-05/14/02	0.08	90-110	NA	0.08565662	107	NA	
CAL-01	CAL-01-05/15/02	0.08	90-110	NA	0.08565662	107	NA	
CAL-01	CAL-01-05/22/02	0.08	90-110	NA	0.0836687	105	NA	
CAL-01	CAL-01-05/24/02	0.08	90-110	NA	0.075717	95	NA	
CAL-01	CAL-01-05/08/02	0.08	90-110	NA	0.08101813	101	NA	
CAL-02	CAL-02-05/24/02	0.8	90-110	NA	0.8225138	103	NA	
CAL-02	CAL-02-05/08/02	0.8	90-110	NA	0.7807674	98	NA	
CAL-02	CAL-02-05/14/02	0.8	90-110	NA	0.8390799	105	NA	
CAL-02	CAL-02-05/15/02	0.8	90-110	NA	0.8317907	104	NA	
CAL-02	CAL-02-05/22/02	0.8	90-110	NA	0.8264896	103	NA	
DUP	AB57189	NA	NA	20	0.03752929	NA	NA	Nc
ICV	ICV-05/07/02	0.72	90-110	NA	0.6972746	97	NA	
MBS	MBS	1000	75-125	NA	23.61099	2.4	NA	Ra
MBS	MBS-2	1000	75-125	NA	24.27364	2.4	NA	Ra
MBS	MBS-3	1000	75-125	NA	27.7525	2.8	NA	Ra
MBS	MBS-4	1000	75-125	NA	20.16526	2	NA	Ra
MBS	MBS-5	1000	75-125	NA	22.28571	2.2	NA	Ra
MS	AB57189	1000	75-125	NA	22.51764	2.3	NA	Ra
MSD	AB57189	1000	75-125	20	22.10349	2.2	1.9	Ra

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Abs	Sam Wt/Vol	DF	Scrb Vol	Prep Date	Prep By	Anal Date	Anal By
CAL-01-05/08/02	CAL-01		0.081		100	0.081018	0.127	1	1	1			05/08/02	km
CAL-02-05/08/02	CAL-02		0.78		100	0.78077	1.183	1	1	1			05/08/02	km
MB-1-05/07/02	MB	MB-1-05/07/02	ND	10	100	0.0043972	0.005	10	1	250	05/07/02	km	05/08/02	km
MBS	MBS	MB-1-05/07/02	24	10	100	23.611	1.430	10	1	250	05/07/02	km	05/08/02	km
AB56706	Sample	MB-1-05/07/02	ND	10	99	0.0043972	0.005	10	1	250	05/07/02	km	05/08/02	km
AB56804	Sample	MB-1-05/07/02	ND	10	100	0.037529	0.007	10	1	250	05/07/02	km	05/08/02	km
AB56805	Sample	MB-1-05/07/02	ND	10	100	0.0043972	0.005	10	1	250	05/07/02	km	05/08/02	km
AB56806	Sample	MB-1-05/07/02	ND	10	100	0.0043972	0.005	10	1	250	05/07/02	km	05/08/02	km
AB56807	Sample	MB-1-05/07/02	ND	10	100	-0.012169	0.004	10	1	250	05/07/02	km	05/08/02	km
AB56808	Sample	MB-1-05/07/02	ND	10	100	-0.012169	0.004	10	1	250	05/07/02	km	05/08/02	km
AB56809	Sample	MB-1-05/07/02	ND	10	100	0.070661	0.009	10	1	250	05/07/02	km	05/08/02	km
AB56810	Sample	MB-1-05/07/02	ND	10	100	0.0043972	0.005	10	1	250	05/07/02	km	05/08/02	km
AB56811	Sample	MB-1-05/07/02	ND	10	100	0.0043972	0.005	10	1	250	05/07/02	km	05/08/02	km
CAL-01-05/14/02	CAL-01		0.086		100	0.085657	0.134	1	1	1			05/14/02	km
CAL-02-05/14/02	CAL-02		0.84		100	0.83908	1.271	1	1	1			05/14/02	km
MB-1-05/14/02	MB	MB-1-05/14/02	ND	10	100	0.070661	0.009	10	1	250	05/14/02	km	05/14/02	km
MBS-2	MBS	MB-1-05/14/02	24	10	100	24.274	1.470	10	1	250	05/14/02	km	05/14/02	km
AB57189	Sample	MB-1-05/14/02	ND	10	89	0.037529	0.007	10	1	250	05/14/02	km	05/14/02	km
AB57189	DUP	MB-1-05/14/02	ND	10	89	0.037529	0.007	10	1	250	05/14/02	km	05/14/02	km
AB57189	MS	MB-1-05/14/02	23	10	89	22.518	1.364	10	1	250	05/14/02	km	05/14/02	km
AB57189	MSD	MB-1-05/14/02	22	10	89	22.103	1.339	10	1	250	05/14/02	km	05/14/02	km
CAL-01-05/15/02	CAL-01		0.086		100	0.085657	0.134	1	1	1			05/15/02	km
CAL-02-05/15/02	CAL-02		0.83		100	0.83179	1.260	1	1	1			05/15/02	km
MB-1-05/15/02	MB	MB-1-05/15/02	ND	10	100	0.020963	0.006	10	1	250	05/15/02	km	05/15/02	km
MBS-3	MBS	MB-1-05/15/02	28	10	100	27.753	1.680	10	1	250	05/15/02	km	05/15/02	km
AB57238	Sample	MB-1-05/15/02	ND	10	100	0.12036	0.012	10	1	250	05/15/02	km	05/15/02	km
CAL-01-05/22/02	CAL-01		0.084		100	0.083669	0.131	1	1	1			05/22/02	km
CAL-02-05/22/02	CAL-02		0.83		100	0.82649	1.252	1	1	1			05/22/02	km
MB-1-05/22/02	MB	MB-1-05/22/02	ND	10	100	0.0043972	0.005	10	1	250	05/22/02	km	05/22/02	km
MBS-4	MBS	MB-1-05/22/02	20	10	100	20.165	1.222	10	1	250	05/22/02	km	05/22/02	km
AB57486	Sample	MB-1-05/22/02	ND	10	21	0.0043972	0.005	10	1	250	05/22/02	km	05/22/02	km
CAL-01-05/24/02	CAL-01		0.076		100	0.075717	0.119	1	1	1			05/24/02	km
CAL-02-05/24/02	CAL-02		0.82		100	0.82251	1.246	1	1	1			05/24/02	km
MB-1-05/23/02	MB	MB-1-05/23/02	ND	10	100	0.037529	0.007	10	1	250	05/23/02	km	05/24/02	km
MBS-5	MBS	MB-1-05/23/02	22	10	100	22.286	1.350	10	1	250	05/23/02	km	05/24/02	km
AB57813	Sample	MB-1-05/23/02	ND	10	94	-0.045301	0.002	10	1	250	05/23/02	km	05/24/02	km
AB57842	Sample	MB-1-05/23/02	ND	10	88	-0.012169	0.004	10	1	250	05/23/02	km	05/24/02	km
AB57868	Sample	MB-1-05/23/02	ND	10	100	0.0043972	0.005	10	1	250	05/23/02	km	05/24/02	km
AB57870	Sample	MB-1-05/23/02	ND	10	100	0.020963	0.006	10	1	250	05/23/02	km	05/24/02	km
AB57871	Sample	MB-1-05/23/02	ND	10	100	-0.012169	0.004	10	1	250	05/23/02	km	05/24/02	km
AB57872	Sample	MB-1-05/23/02	ND	10	100	-0.012169	0.004	10	1	250	05/23/02	km	05/24/02	km
AB57873	Sample	MB-1-05/23/02	ND	10	100	-0.012169	0.004	10	1	250	05/23/02	km	05/24/02	km
ICV-05/07/02	ICV		ND	10	100	0.69727	1.057	1	1	1			05/07/02	km

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: RCN
Batch Number: RCN-18
Cal Curve Date: 05/07/02
Units: mg/kg

Calibration Curve Information

Concentration:	Abs/Area
0	0.009
0.01	0.018
0.02	0.032
0.04	0.064
0.08	0.118
0.2	0.303
0.4	0.63
0.8	1.203

Slope: 1.509112
Intercept: 0.00473456
Rsquared: 0.9997404
Date Performed: 05/07/02

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
CAL-01	CAL-01-06/11/02	0.08	90-110	NA	0.08499398	106	NA	
CAL-01	CAL-01-06/07/02	0.08	90-110	NA	0.07903021	99	NA	
CAL-01	CAL-01-05/31/02	0.08	90-110	NA	0.08168077	102	NA	
CAL-02	CAL-02-06/11/02	0.8	90-110	NA	0.8284776	104	NA	
CAL-02	CAL-02-06/07/02	0.8	90-110	NA	0.8152248	102	NA	
CAL-02	CAL-02-05/31/02	0.8	90-110	NA	0.8404051	105	NA	
DUP	AB58383	NA	NA	20	0.03752929	NA	NA	Nc
ICV	ICV-05/07/02	0.72	90-110	NA	0.6972746	97	NA	
MBS	MBS-3	1000	75-125	NA	21.17579	2.1	NA	Ra
MBS	MBS-2	1000	75-125	NA	21.92126	2.2	NA	Ra
MBS	MBS	1000	75-125	NA	22.5342	2.3	NA	Ra
MS	AB58383	1000	75-125	NA	23.22998	2.3	NA	Ra
MSD	AB58383	1000	75-125	20	22.83239	2.3	1.7	Ra

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Abs	Sam Wt/Vol	DF	Scrb Vol	Prep Date	Prep By	Anal Date	Anal By
CAL-01-05/31/02	CAL-01		0.082		100	0.081681	0.128	1	1	1			05/31/02	km
CAL-02-05/31/02	CAL-02		0.84		100	0.84041	1.273	1	1	1			05/31/02	km
MB-1-05/31/02	MB	MB-1-05/31/02	ND	10	100	-0.012169	0.004	10	1	250	05/31/02	km	05/31/02	km
MBS	MBS	MB-1-05/31/02	23	10	100	22.534	1.365	10	1	250	05/31/02	km	05/31/02	km
AB58383	Sample	MB-1-05/31/02	ND	10	100	0.070661	0.009	10	1	250	05/31/02	km	05/31/02	km
AB58383	DUP	MB-1-05/31/02	ND	10	100	0.037529	0.007	10	1	250	05/31/02	km	05/31/02	km
AB58383	MS	MB-1-05/31/02	23	10	100	23.23	1.407	10	1	250	05/31/02	km	05/31/02	km
AB58383	MSD	MB-1-05/31/02	23	10	100	22.832	1.383	10	1	250	05/31/02	km	05/31/02	km
ICV-05/07/02	ICV		ND	10	100	0.69727	1.057	1	1	1		km	05/07/02	km
CAL-01-06/07/02	CAL-01		0.079		100	0.07903	0.124	1	1	1			06/07/02	km
CAL-02-06/07/02	CAL-02		0.82		100	0.81522	1.235	1	1	1			06/07/02	km
MB-1-06/06/02	MB	MB-1-06/06/02	ND	10	100	-0.028735	0.003	10	1	250	06/06/02	km	06/07/02	km
MBS-2	MBS	MB-1-06/06/02	22	10	100	21.921	1.328	10	1	250	06/06/02	km	06/07/02	km
AB58874	Sample	MB-1-06/06/02	ND	10	83	0.020963	0.006	10	1	250	06/06/02	km	06/07/02	km
AB58875	Sample	MB-1-06/06/02	ND	10	79	-0.028735	0.003	10	1	250	06/06/02	km	06/07/02	km
CAL-01-06/11/02	CAL-01		0.085		100	0.084994	0.133	1	1	1			06/11/02	km
CAL-02-06/11/02	CAL-02		0.83		100	0.82848	1.255	1	1	1			06/11/02	km
MB-1-06/11/02	MB	MB-1-06/11/02	ND	10	100	0.054095	0.008	10	1	250	06/11/02	km	06/11/02	km
MBS-3	MBS	MB-1-06/11/02	21	10	100	21.176	1.283	10	1	250	06/11/02	km	06/11/02	km
AB57874	Sample	MB-1-06/11/02	ND	10	100	0.070661	0.009	10	1	250	06/11/02	km	06/11/02	km

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: RS
Batch Number: RS-18
Cal Curve Date:
Units: mg/kg

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
CAL-01	CAL-01-05/24/02	15.5	90-110	NA	15.2285	98	NA	
CAL-01	CAL-01-05/22/02	15.5	90-110	NA	15.2285	98	NA	
CAL-01	CAL-01-05/15/02	15.5	90-110	NA	15.62925	101	NA	
CAL-01	CAL-01-05/14/02	15.5	90-110	NA	15.62925	101	NA	
CAL-01	CAL-01-05/08/02	15.5	90-110	NA	16.03	103	NA	
DUP	AB57189	NA	NA	20	10.01875	NA	NA	Nc
MBS	MBS-5	500	75-125	NA	190.3562	38	NA	Ra
MBS	MBS-4	500	75-125	NA	190.3562	38	NA	Ra
MBS	MBS-3	500	75-125	NA	200.375	40	NA	Ra
MBS	MBS-2	500	75-125	NA	180.3375	36	NA	Ra
MBS	MBS	500	75-125	NA	200.375	40	NA	Ra
MS	AB57189	500	75-125	NA	150.2812	30	NA	Ra
MSD	AB57189	500	75-125	20	150.2812	30	0	Ra

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Titr Vol	Iod Vol	DF	Sam Wt (g)	Scrb Vol (ml)	Prep Date	Prep By	Anal Date	Anal By
CAL-01-05/08/02	CAL-01		16		100	16.03	6.0	10	1	250	250			05/08/02	km
MB-1-05/07/02	MB	MB-1-05/07/02	ND	100	100	10.019	9.9	10	1	10	250	05/07/02	km	05/08/02	km
MBS	MBS	MB-1-05/07/02	200	100	100	200.37	8.0	10	1	10	250	05/07/02	km	05/08/02	km
AB56706	Sample	MB-1-05/07/02	ND	100	99	10.019	9.9	10	1	10	250	05/07/02	km	05/08/02	km
AB56804	Sample	MB-1-05/07/02	ND	100	100	10.019	9.9	10	1	10	250	05/07/02	km	05/08/02	km
AB56805	Sample	MB-1-05/07/02	ND	100	100	20.038	9.8	10	1	10	250	05/07/02	km	05/08/02	km
AB56806	Sample	MB-1-05/07/02	ND	100	100	10.019	9.9	10	1	10	250	05/07/02	km	05/08/02	km
AB56807	Sample	MB-1-05/07/02	ND	100	100	10.019	9.9	10	1	10	250	05/07/02	km	05/08/02	km
AB56808	Sample	MB-1-05/07/02	ND	100	100	20.038	9.8	10	1	10	250	05/07/02	km	05/08/02	km
AB56809	Sample	MB-1-05/07/02	ND	100	100	20.038	9.8	10	1	10	250	05/07/02	km	05/08/02	km
AB56810	Sample	MB-1-05/07/02	ND	100	100	20.038	9.8	10	1	10	250	05/07/02	km	05/08/02	km
AB56811	Sample	MB-1-05/07/02	ND	100	100	10.019	9.9	10	1	10	250	05/07/02	km	05/08/02	km
CAL-01-05/14/02	CAL-01		16		100	15.629	6.1	10	1	250	250			05/14/02	km
MB-1-05/14/02	MB	MB-1-05/14/02	ND	100	100	10.019	9.9	10	1	10	250	05/14/02	km	05/14/02	km
MBS-2	MBS	MB-1-05/14/02	180	100	100	180.34	8.2	10	1	10	250	05/14/02	km	05/14/02	km
AB57189	Sample	MB-1-05/14/02	ND	100	89	10.019	9.9	10	1	10	250	05/14/02	km	05/14/02	km
AB57189	DUP	MB-1-05/14/02	ND	100	89	10.019	9.9	10	1	10	250	05/14/02	km	05/14/02	km
AB57189	MS	MB-1-05/14/02	150	100	89	150.28	8.5	10	1	10	250	05/14/02	km	05/14/02	km
AB57189	MSD	MB-1-05/14/02	150	100	89	150.28	8.5	10	1	10	250	05/14/02	km	05/14/02	km
CAL-01-05/15/02	CAL-01		16		100	15.629	6.1	10	1	250	250			05/15/02	km
MB-1-05/15/02	MB	MB-1-05/15/02	ND	100	100	10.019	9.9	10	1	10	250	05/15/02	km	05/15/02	km
MBS-3	MBS	MB-1-05/15/02	200	100	100	200.37	8.0	10	1	10	250	05/15/02	km	05/15/02	km
AB57238	Sample	MB-1-05/15/02	ND	100	100	10.019	9.9	10	1	10	250	05/15/02	km	05/15/02	km
CAL-01-05/22/02	CAL-01		15		100	15.229	6.2	10	1	250	250			05/22/02	km
MB-1-05/22/02	MB	MB-1-05/22/02	ND	100	100	10.019	9.9	10	1	10	250	05/22/02	km	05/22/02	km
MBS-4	MBS	MB-1-05/22/02	190	100	100	190.36	8.1	10	1	10	250	05/22/02	km	05/22/02	km
AB57486	Sample	MB-1-05/22/02	ND	100	21	10.019	9.9	10	1	10	250	05/22/02	km	05/22/02	km
CAL-01-05/24/02	CAL-01		15		100	15.229	6.2	10	1	250	250			05/24/02	km
MB-1-05/23/02	MB	MB-1-05/23/02	ND	100	100	10.019	9.9	10	1	10	250	05/23/02	km	05/24/02	km
MBS-5	MBS	MB-1-05/23/02	190	100	100	190.36	8.1	10	1	10	250	05/23/02	km	05/24/02	km
AB57813	Sample	MB-1-05/23/02	ND	100	94	20.038	9.8	10	1	10	250	05/23/02	km	05/24/02	km
AB57842	Sample	MB-1-05/23/02	ND	100	88	10.019	9.9	10	1	10	250	05/23/02	km	05/24/02	km
AB57868	Sample	MB-1-05/23/02	ND	100	100	10.019	9.9	10	1	10	250	05/23/02	km	05/24/02	km
AB57870	Sample	MB-1-05/23/02	ND	100	100	20.038	9.8	10	1	10	250	05/23/02	km	05/24/02	km
AB57871	Sample	MB-1-05/23/02	ND	100	100	10.019	9.9	10	1	10	250	05/23/02	km	05/24/02	km
AB57872	Sample	MB-1-05/23/02	ND	100	100	10.019	9.9	10	1	10	250	05/23/02	km	05/24/02	km
AB57873	Sample	MB-1-05/23/02	ND	100	100	10.019	9.9	10	1	10	250	05/23/02	km	05/24/02	km

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: RS
Batch Number: RS-19
Cal Curve Date:
Units: mg/kg

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
CAL-01	CAL-01-06/11/02	15.5	90-110	NA	15.2285	98	NA	
CAL-01	CAL-01-06/07/02	15.5	90-110	NA	15.62925	101	NA	
CAL-01	CAL-01-05/31/02	15.5	90-110	NA	15.2285	98	NA	
DUP	AB58383	NA	NA	20	20.0375	NA	NA	Nc
MBS	MBS-3	500	75-125	NA	190.3562	38	NA	Ra
MBS	MBS-2	500	75-125	NA	190.3562	38	NA	Ra
MBS	MBS	500	75-125	NA	200.375	40	NA	Ra
MS	AB58383	500	75-125	NA	180.3375	36	NA	Ra
MSD	AB58383	500	75-125	20	180.3375	36	0	Ra

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Titr Vol	Iod Vol	DF	Sam Wt (g)	Scrb Vol (ml)	Prep Date	Prep By	Anal Date	Anal By
CAL-01-05/31/02	CAL-01		15		100	15.229	6.2	10	1	250	250			05/31/02	km
MB-1-05/31/02	MB	MB-1-05/31/02	ND	100	100	10.019	9.9	10	1	10	250	05/31/02	km	05/31/02	km
MBS	MBS	MB-1-05/31/02	200	100	100	200.37	8.0	10	1	10	250	05/31/02	km	05/31/02	km
AB58383	Sample	MB-1-05/31/02	ND	100	100	20.038	9.8	10	1	10	250	05/31/02	km	05/31/02	km
AB58383	DUP	MB-1-05/31/02	ND	100	100	20.038	9.8	10	1	10	250	05/31/02	km	05/31/02	km
AB58383	MS	MB-1-05/31/02	180	100	100	180.34	8.2	10	1	10	250	05/31/02	km	05/31/02	km
AB58383	MSD	MB-1-05/31/02	180	100	100	180.34	8.2	10	1	10	250	05/31/02	km	05/31/02	km
CAL-01-06/07/02	CAL-01		16		100	15.629	6.1	10	1	250	250			06/07/02	km
MB-1-06/06/02	MB	MB-1-06/06/02	ND	100	100	10.019	9.9	10	1	10	250	06/06/02	km	06/07/02	km
MBS-2	MBS	MB-1-06/06/02	190	100	100	190.36	8.1	10	1	10	250	06/06/02	km	06/07/02	km
AB58874	Sample	MB-1-06/06/02	ND	100	83	10.019	9.9	10	1	10	250	06/06/02	km	06/07/02	km
AB58875	Sample	MB-1-06/06/02	ND	100	79	10.019	9.9	10	1	10	250	06/06/02	km	06/07/02	km
CAL-01-06/11/02	CAL-01		15		100	15.229	6.2	10	1	250	250			06/11/02	km
MB-1-06/11/02	MB	MB-1-06/11/02	ND	100	100	10.019	9.9	10	1	10	250	06/11/02	km	06/11/02	km
MBS-3	MBS	MB-1-06/11/02	190	100	100	190.36	8.1	10	1	10	250	06/11/02	km	06/11/02	km
AB57874	Sample	MB-1-06/11/02	ND	100	100	30.056	9.7	10	1	10	250	06/11/02	km	06/11/02	km

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
Na - Not Applicable Nc - Not Checked ..either one or both values =ND

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