HAMPTONCLARKE·VERITECH

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Project: 14368.35 Pendaflex

Client PO: Not Available

Report To: EA Engineering, Science & Technology
6712 Brooklawn Pkwy.
Suite 104
Syracuse, NY 13211

Attn: D.Crandall

Received Date: 7/15/2009

Report Date: 8/3/2009

Deliverables: NYDOH-CatB

Lab ID: AC45774

Lab Project No: 9071502

Jeri Rossi - Quality Assurance Director OR Stanley Gilewicz - Laboratory Director

NJ	(07071 and 07069)	NY	(ELAP11408 and 11939)	CT	(PH-0671)	USACE
PA	(68-00463 and 68-04409)	KY	(90124)	WV	(353)	

HC·V
HAMPTONCLARKE·VERITECH

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SDG Narrative

HC·V
HAMPTONCLARKE·VERITECH

SDG Narrative

Client: EA Engineering
Project: 14368.35 Pendaflex

Hampton-Clarke/Veritech (HC·V) received the following samples on July 15, 2009:

Client ID	HCV Sample ID	Matrix	Analysis
1-30-185-SB01 (15-20)	AC45774-001	Soil	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7471A)
1-30-185-SB02 (15-20)	AC45774-002	Soil	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7471A)
1-30-185-SB03 (5-10)	AC45774-003	Soil	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7471A)
1-30-185-SB04 (10-15)	AC45774-004	Soil	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7471A)
1-30-185-SB05 (15-20)	AC45774-005	Soil	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7471A)
1-30-185-SB05 (15-20) MS	AC45774-006	Soil	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7471A)
1-30-185-SB05 (15-20) MSD	AC45774-007	Soil	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7471A)
1-30-185-GP01 (30)	AC45774-008	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-GP01 (30) MS	AC45774-009	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-GP01 (30) MSD	AC45774-010	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-GP02 (30)	AC45774-011	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-GP03 (25)	AC45774-012	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-GP04 (25)	AC45774-013	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-GP05 (25)	AC45774-014	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-SB-DUP01	AC45774-015	Soil	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7471A)
1-30-185-GP-DUP01	AC45774-016	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-Rinsate 01	AC45774-017	Aqueous	VO (8260B), BNA (8270C), PCB (8082), Pesticides (8081A), TAL Metals (6010B/7470A)
1-30-185-GP05 (100)	AC45774-018	Aqueous	VO (8260B)
1-30-185-GP05 (85)	AC45774-019	Aqueous	VO (8260B)
1-30-185-GP05 (70)	AC45774-020	Aqueous	VO (8260B)
1-30-185-GP05 (55)	AC45774-021	Aqueous	VO (8260B)
1-30-185-GP05 (40)	AC45774-022	Aqueous	VO (8260B)
1-30-185-Trip Blank	AC45774-023	Aqueous	VO (8260B)

Volatile Organic Analysis:

Data conforms to method requirements.

Base Neutral Acid Extractable Analysis:

Data conforms to method requirements.

PCB Analysis:

Data conforms to method requirements.

Pesticide Analysis:

Data conforms to method requirements.

Metals Analysis:

The serial dilution for Zinc is outside QC limits in batches 10390 and 10378, suggesting matrix interference.

The RPD between the QC sample and the Method Replicate for Iron is outside QC limits in batch 10390. The RPD criteria were met between the LCS/LCS Method Replicate.

The recoveries of Aluminum and Manganese are biased high, outside QC limits in the Matrix Spike and Matrix Spike Duplicate in batch 10390. All QC criteria were met in the LCS and LCS MR.

The recoveries of Aluminum, Iron, Zinc and Manganese are biased high, outside QC limits in the Matrix Spike in batch 10378. All QC criteria were met in the LCS and LCS MR.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

8/3/05
Date

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	Analytical Requirements					
		VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
1-30-185-SB01 (15-20)	AC45774-001	8260B	8270C	NA	8082/8081A	6010B/7471A	NA
1-30-185-SB02 (15-20)	AC45774-002	8260B	8270C	NA	8082/8081A	6010B/7471A	NA
1-30-185-SB03 (5-10)	AC45774-003	8260B	8270C	NA	8082/8081A	6010B/7471A	NA
1-30-185-SB04 (10-15)	AC45774-004	8260B	8270C	NA	8082/8081A	6010B/7471A	NA
1-30-185-SB05 (15-20)	AC45774-005	8260B	8270C	NA	8082/8081A	6010B/7471A	NA
1-30-185-SB05 (15-20) MS	AC45774-006	8260B	8270C	NA	8082/8081A	6010B/7471A	NA
1-30-185-SB05 (15-20) MSD	AC45774-007	8260B	8270C	NA	8082/8081A	6010B/7471A	NA
1-30-185-GP01 (30)	AC45774-008	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-GP01 (30) MS	AC45774-009	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-GP01 (30) MSD	AC45774-010	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-GP02 (30)	AC45774-011	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-GP03 (25)	AC45774-012	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-GP04 (25)	AC45774-013	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-GP05 (25)	AC45774-014	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-SB-DUP01	AC45774-015	8260B	8270C	NA	8082/8081A	6010B/7471A	NA
1-30-185-GP-DUP01	AC45774-016	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-Rinsate 01	AC45774-017	8260B	8270C	NA	8082/8081A	9010B/7470A	NA
1-30-185-GP05 (100)	AC45774-018	8260B	NA	NA	NA	NA	NA
1-30-185-GP05 (85)	AC45774-019	8260B	NA	NA	NA	NA	NA
1-30-185-GP05 (70)	AC45774-020	8260B	NA	NA	NA	NA	NA
1-30-185-GP05 (55)	AC45774-021	8260B	NA	NA	NA	NA	NA
1-30-185-GP05 (40)	AC45774-022	8260B	NA	NA	NA	NA	NA
1-30-185-Trip Blank	AC45774-023	8260B	NA	NA	NA	NA	NA

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE (VOA)
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
AC45774-001	Soil	07/14/09	07/15/09	-	07/16/09
AC45774-002	Soil	07/14/09	07/15/09	-	07/16/09
AC45774-003	Soil	07/15/09	07/15/09	-	07/16/09
AC45774-004	Soil	07/14/09	07/15/09	-	07/16/09
AC45774-005	Soil	07/13/09	07/15/09	-	07/16/09
AC45774-006	Soil	07/13/09	07/15/09	-	07/16/09
AC45774-007	Soil	07/13/09	07/15/09	-	07/16/09
AC45774-008	Aqueous	07/14/09	07/15/09	-	07/16/09
AC45774-009	Aqueous	07/14/09	07/15/09	-	07/16/09
AC45774-010	Aqueous	07/14/09	07/15/09	-	07/16/09
AC45774-011	Aqueous	07/14/09	07/15/09	-	07/17/09
AC45774-012	Aqueous	07/15/09	07/15/09	-	07/16/09
AC45774-013	Aqueous	07/14/09	07/15/09	-	07/16/09
AC45774-014	Aqueous	07/14/09	07/15/09	-	07/16/09
AC45774-015	Soil	07/14/09	07/15/09	-	07/16/09
AC45774-016	Aqueous	07/14/09	07/15/09	-	07/16/09
AC45774-017	Aqueous	07/14/09	07/15/09	-	07/16/09
AC45774-018	Aqueous	07/15/09	07/15/09	-	07/16/09
AC45774-019	Aqueous	07/15/09	07/15/09	-	07/16/09
AC45774-020	Aqueous	07/15/09	07/15/09	-	07/16/09
AC45774-021	Aqueous	07/15/09	07/15/09	-	07/22/09
AC45774-022	Aqueous	07/15/09	07/15/09	-	07/16/09
AC45774-023	Aqueous	07/14/09	07/15/09	-	07/21/09

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY
SEMIVOLATILE (BNA)
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
AC45774-001	Soil	7/14/09	7/15/09	7/16/09	7/17/09
AC45774-002	Soil	7/14/09	7/15/09	7/16/09	7/17/09
AC45774-003	Soil	7/15/09	7/15/09	7/16/09	7/17/09
AC45774-004	Soil	7/14/09	7/15/09	7/16/09	7/17/09
AC45774-005	Soil	7/13/09	7/15/09	7/16/09	7/17/09
AC45774-006	Soil	7/13/09	7/15/09	7/16/09	7/17/09
AC45774-007	Soil	7/13/09	7/15/09	7/16/09	7/17/09
AC45774-008	Aqueous	7/14/09	7/15/09	7/16/09	7/16/09
AC45774-009	Aqueous	7/14/09	7/15/09	7/16/09	7/16/09
AC45774-010	Aqueous	7/14/09	7/15/09	7/16/09	7/16/09
AC45774-011	Aqueous	7/14/09	7/15/09	7/16/09	7/16/09
AC45774-012	Aqueous	7/15/09	7/15/09	7/16/09	7/16/09
AC45774-013	Aqueous	7/14/09	7/15/09	7/16/09	7/16/09
AC45774-014	Aqueous	7/14/09	7/15/09	7/16/09	7/16/09
AC45774-015	Soil	7/14/09	7/15/09	7/16/09	7/17/09
AC45774-016	Aqueous	7/14/09	7/15/09	7/16/09	7/16/09
AC45774-017	Aqueous	7/14/09	7/15/09	7/16/09	7/16/09

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
AC45774-001	Soil	07/14/09	07/15/09	07/17/09	07/17/09 07/20/09
AC45774-002	Soil	07/14/09	07/15/09	07/17/09	07/17/09 07/20/09
AC45774-003	Soil	07/15/09	07/15/09	07/17/09	07/17/09 07/20/09
AC45774-004	Soil	07/14/09	07/15/09	07/17/09	07/17/09 07/20/09
AC45774-005	Soil	07/13/09	07/15/09	07/17/09	07/17/09 07/20/09
AC45774-006	Soil	07/13/09	07/15/09	07/17/09	07/17/09 07/20/09
AC45774-007	Soil	07/13/09	07/15/09	07/17/09	07/17/09 07/20/09
AC45774-008	Aqueous	07/14/09	07/15/09	07/17/09	07/20/09 07/20/09
AC45774-009	Aqueous	07/14/09	07/15/09	07/17/09	07/20/09 07/20/09
AC45774-010	Aqueous	07/14/09	07/15/09	07/17/09	07/20/09 07/20/09
AC45774-011	Aqueous	07/14/09	07/15/09	07/17/09	07/20/09 07/20/09
AC45774-012	Aqueous	07/15/09	07/15/09	07/17/09	07/20/09 07/20/09
AC45774-013	Aqueous	07/14/09	07/15/09	07/17/09	07/20/09 07/20/09
AC45774-014	Aqueous	07/14/09	07/15/09	07/17/09	07/20/09 07/20/09
AC45774-015	Soil	07/14/09	07/15/09	07/17/09	07/17/09 07/20/09
AC45774-016	Aqueous	07/14/09	07/15/09	07/17/09	07/20/09 07/20/09
AC45774-017	Aqueous	07/14/09	07/15/09	07/17/09	07/20/09 07/20/09

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Digested	Date Analyzed
AC45774-001	Soil	TAL Metals	7/15/09	7/18/09	7/19-21/09
AC45774-002	Soil	TAL Metals	7/15/09	7/18/09	7/19-21/09
AC45774-003	Soil	TAL Metals	7/15/09	7/18/09	7/19-21/09
AC45774-004	Soil	TAL Metals	7/15/09	7/18/09	7/19-21/09
AC45774-005	Soil	TAL Metals	7/15/09	7/18/09	7/19-21/09
AC45774-006	Soil	TAL Metals	7/15/09	7/18/09	7/19-21/09
AC45774-007	Soil	TAL Metals	7/15/09	7/18/09	7/19-21/09
AC45774-008	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09
AC45774-009	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09
AC45774-010	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09
AC45774-011	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09
AC45774-012	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09
AC45774-013	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09
AC45774-014	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09
AC45774-015	Soil	TAL Metals	7/15/09	7/18/09	7/19-21/09
AC45774-016	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09
AC45774-017	Aqueous	TAL Metals	7/15/09	7/20/09	7/21-22/09

Reporting Limit Definitions

HC·V
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REPORTING LIMIT DEFINITIONS

RL = Reporting Limit

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

CRQL= Contract Required Quantitation Limit

For Clean Water Act and SW846 Organic methods, the RL = PQL. The PQL is determined by the concentration of the lowest standard in the calibration curve.

For Clean Water Act Metals method, the RL = PQL. The PQL is determined by the concentration of the lowest standard in the calibration curve.

For Clean Water Act and SW846 Wet Chemistry methods, the RL = PQL. The PQL is defined as a value 3 to 5 times the MDL.

CLP Organics and Inorganics reported to CRQL.

Data Package Summary Forms

Veritech Report Of Analysis

Lab#: AC45774-001 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB01 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		96
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.087	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0052	ND
Alpha-BHC	1	mg/kg	0.0010	ND
beta-BHC	1	mg/kg	0.0010	ND
Chlordane	1	mg/kg	0.010	ND
delta-BHC	1	mg/kg	0.0052	ND
Dieldrin	1	mg/kg	0.0010	ND
Endosulfan I	1	mg/kg	0.0052	ND
Endosulfan II	1	mg/kg	0.0052	ND
Endosulfan Sulfate	1	mg/kg	0.0052	ND
Endrin	1	mg/kg	0.0052	ND
Endrin Aldehyde	1	mg/kg	0.0052	ND
Endrin Ketone	1	mg/kg	0.0052	ND
gamma-BHC	1	mg/kg	0.0010	ND
Heptachlor	1	mg/kg	0.0052	ND
Heptachlor Epoxide	1	mg/kg	0.0052	ND
Methoxychlor	1	mg/kg	0.0052	ND
p,p'-DDD	1	mg/kg	0.0026	ND
p,p'-DDE	1	mg/kg	0.0026	ND
p,p'-DDT	1	mg/kg	0.0026	ND
Toxaphene	1	mg/kg	0.026	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Lab#: AC45774-001 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB01 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	mg/kg	0.069	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.069	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.069	ND
1,2-Diphenylhydrazine	1	mg/kg	0.069	ND
2,4,5-Trichlorophenol	1	mg/kg	0.069	ND
2,4,6-Trichlorophenol	1	mg/kg	0.069	ND
2,4-Dichlorophenol	1	mg/kg	0.069	ND
2,4-Dimethylphenol	1	mg/kg	0.069	ND
2,4-Dinitrophenol	1	mg/kg	0.35	ND
2,4-Dinitrotoluene	1	mg/kg	0.069	ND
2,6-Dinitrotoluene	1	mg/kg	0.069	ND
2-Chloronaphthalene	1	mg/kg	0.069	ND
2-Chlorophenol	1	mg/kg	0.069	ND
2-Methylnaphthalene	1	mg/kg	0.069	ND
2-Methylphenol	1	mg/kg	0.069	ND
2-Nitroaniline	1	mg/kg	0.069	ND
2-Nitrophenol	1	mg/kg	0.069	ND
3&4-Methylphenol	1	mg/kg	0.069	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.069	ND
3-Nitroaniline	1	mg/kg	0.069	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.35	ND
4-Bromophenyl-phenylether	1	mg/kg	0.069	ND
4-Chloro-3-methylphenol	1	mg/kg	0.069	ND
4-Chloroaniline	1	mg/kg	0.069	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.069	ND
4-Nitroaniline	1	mg/kg	0.069	ND
4-Nitrophenol	1	mg/kg	0.069	ND
Acenaphthene	1	mg/kg	0.069	ND
Acenaphthylene	1	mg/kg	0.069	ND
Acetophenone	1	mg/kg	0.069	ND
Aniline	1	mg/kg	0.069	ND
Anthracene	1	mg/kg	0.069	ND
Atrazine	1	mg/kg	0.069	ND
Benzaldehyde	1	mg/kg	0.069	ND
Benzidine	1	mg/kg	0.35	ND
Benzo[a]anthracene	1	mg/kg	0.069	ND
Benzo[a]pyrene	1	mg/kg	0.069	ND
Benzo[b]fluoranthene	1	mg/kg	0.069	ND
Benzo[g,h,i]perylene	1	mg/kg	0.069	ND
Benzo[k]fluoranthene	1	mg/kg	0.069	ND
Benzoic acid	1	mg/kg	0.35	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.069	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.069	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.069	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.069	ND
Butylbenzylphthalate	1	mg/kg	0.069	ND
Caprolactam	1	mg/kg	0.069	ND
Carbazole	1	mg/kg	0.069	ND
Chrysene	1	mg/kg	0.069	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.069	ND
Dibenzofuran	1	mg/kg	0.069	ND
Diethylphthalate	1	mg/kg	0.069	ND
Dimethylphthalate	1	mg/kg	0.069	ND
Di-n-butylphthalate	1	mg/kg	0.069	ND
Di-n-octylphthalate	1	mg/kg	0.069	ND
Fluoranthene	1	mg/kg	0.069	ND
Fluorene	1	mg/kg	0.069	ND
Hexachlorobenzene	1	mg/kg	0.069	ND
Hexachlorobutadiene	1	mg/kg	0.069	ND
Hexachlorocyclopentadiene	1	mg/kg	0.35	ND
Hexachloroethane	1	mg/kg	0.069	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.069	ND
Isophorone	1	mg/kg	0.069	ND
Naphthalene	1	mg/kg	0.069	ND
Nitrobenzene	1	mg/kg	0.069	ND
N-Nitrosodimethylamine	1	mg/kg	0.069	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.069	ND
N-Nitrosodiphenylamine	1	mg/kg	0.069	ND
Pentachlorophenol	1	mg/kg	0.35	ND
Phenanthrene	1	mg/kg	0.069	ND
Phenol	1	mg/kg	0.069	ND

Lab#: AC45774-001 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB01 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
Pyrene	1	mg/kg	0.069	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**1900**
Antimony	100	mg/kg	2.1	ND
Arsenic	100	mg/kg	2.1	ND
Barium	100	mg/kg	10	ND
Beryllium	100	mg/kg	0.62	ND
Cadmium	100	mg/kg	0.62	ND
Calcium	100	mg/kg	1000	ND
Chromium	100	mg/kg	5.2	ND
Cobalt	100	mg/kg	2.6	ND
Copper	100	mg/kg	5.2	ND
Iron	**100**	**mg/kg**	**210**	**3300**
Lead	100	mg/kg	7.3	ND
Magnesium	100	mg/kg	520	ND
Manganese	**100**	**mg/kg**	**10**	**29**
Nickel	100	mg/kg	5.2	ND
Potassium	100	mg/kg	520	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	520	ND
Thallium	100	mg/kg	1.2	ND
Vanadium	100	mg/kg	10	ND
Zinc	100	mg/kg	10	ND

Lab#: AC45774-001 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB01 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.98	mg/kg	0.0051	ND
1,1,2,2-Tetrachloroethane	0.98	mg/kg	0.0051	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.98	mg/kg	0.0051	ND
1,1,2-Trichloroethane	0.98	mg/kg	0.0051	ND
1,1-Dichloroethane	0.98	mg/kg	0.0051	ND
1,1-Dichloroethene	0.98	mg/kg	0.0051	ND
1,2,3-Trichlorobenzene	0.98	mg/kg	0.0051	ND
1,2,3-Trichloropropane	0.98	mg/kg	0.0051	ND
1,2,4-Trichlorobenzene	0.98	mg/kg	0.0051	ND
1,2,4-Trimethylbenzene	0.98	mg/kg	0.0010	ND
1,2-Dibromo-3-chloropropane	0.98	mg/kg	0.0051	ND
1,2-Dibromoethane	0.98	mg/kg	0.0051	ND
1,2-Dichlorobenzene	0.98	mg/kg	0.0051	ND
1,2-Dichloroethane	0.98	mg/kg	0.0051	ND
1,2-Dichloropropane	0.98	mg/kg	0.0051	ND
1,3,5-Trimethylbenzene	0.98	mg/kg	0.0010	ND
1,3-Dichlorobenzene	0.98	mg/kg	0.0051	ND
1,3-Dichloropropane	0.98	mg/kg	0.0051	ND
1,4-Dichlorobenzene	0.98	mg/kg	0.0051	ND
1,4-Dioxane	0.98	mg/kg	0.26	ND
2-Butanone	0.98	mg/kg	0.0051	ND
2-Chloroethylvinylether	0.98	mg/kg	0.0051	ND
2-Hexanone	0.98	mg/kg	0.0051	ND
4-Isopropyltoluene	0.98	mg/kg	0.0010	ND
4-Methyl-2-pentanone	0.98	mg/kg	0.0051	ND
Acetone	0.98	mg/kg	0.026	ND
Acrolein	0.98	mg/kg	0.026	ND
Acrylonitrile	0.98	mg/kg	0.0051	ND
Benzene	0.98	mg/kg	0.0010	ND
Bromochloromethane	0.98	mg/kg	0.0051	ND
Bromodichloromethane	0.98	mg/kg	0.0051	ND
Bromoform	0.98	mg/kg	0.0051	ND
Bromomethane	0.98	mg/kg	0.0051	ND
Carbon disulfide	0.98	mg/kg	0.0051	ND
Carbon tetrachloride	0.98	mg/kg	0.0051	ND
Chlorobenzene	0.98	mg/kg	0.0051	ND
Chloroethane	0.98	mg/kg	0.0051	ND
Chloroform	0.98	mg/kg	0.0051	ND
Chloromethane	0.98	mg/kg	0.0051	ND
cis-1,2-Dichloroethene	0.98	mg/kg	0.0051	ND
cis-1,3-Dichloropropene	0.98	mg/kg	0.0051	ND
Cyclohexane	0.98	mg/kg	0.0051	ND
Dibromochloromethane	0.98	mg/kg	0.0051	ND
Dichlorodifluoromethane	0.98	mg/kg	0.0051	ND
Ethylbenzene	0.98	mg/kg	0.0010	ND
Isopropylbenzene	0.98	mg/kg	0.0010	ND
m&p-Xylenes	0.98	mg/kg	0.0010	ND
Methyl Acetate	0.98	mg/kg	0.0051	ND
Methylcyclohexane	0.98	mg/kg	0.0051	ND
Methylene chloride	0.98	mg/kg	0.0051	ND
Methyl-t-butyl ether	0.98	mg/kg	0.0010	ND
n-Butylbenzene	0.98	mg/kg	0.0010	ND
n-Propylbenzene	0.98	mg/kg	0.0010	ND
o-Xylene	0.98	mg/kg	0.0010	ND
sec-Butylbenzene	0.98	mg/kg	0.0010	ND
Styrene	0.98	mg/kg	0.0051	ND
t-Butyl Alcohol	0.98	mg/kg	0.026	ND
t-Butylbenzene	0.98	mg/kg	0.0010	ND
Tetrachloroethene	0.98	mg/kg	0.0051	ND
Toluene	0.98	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.98	mg/kg	0.0051	ND
trans-1,3-Dichloropropene	0.98	mg/kg	0.0051	ND
Trichloroethene	0.98	mg/kg	0.0051	ND
Trichlorofluoromethane	0.98	mg/kg	0.0051	ND
Vinyl chloride	0.98	mg/kg	0.0051	ND
Xylenes (Total)	0.98	mg/kg	0.001	ND

Lab#: AC45774-002 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB02 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	**1**	**percent**		**93**
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.090	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0054	ND
Alpha-BHC	1	mg/kg	0.0011	ND
beta-BHC	1	mg/kg	0.0011	ND
Chlordane	1	mg/kg	0.011	ND
delta-BHC	1	mg/kg	0.0054	ND
Dieldrin	1	mg/kg	0.0011	ND
Endosulfan I	1	mg/kg	0.0054	ND
Endosulfan II	1	mg/kg	0.0054	ND
Endosulfan Sulfate	1	mg/kg	0.0054	ND
Endrin	1	mg/kg	0.0054	ND
Endrin Aldehyde	1	mg/kg	0.0054	ND
Endrin Ketone	1	mg/kg	0.0054	ND
gamma-BHC	1	mg/kg	0.0011	ND
Heptachlor	1	mg/kg	0.0054	ND
Heptachlor Epoxide	1	mg/kg	0.0054	ND
Methoxychlor	1	mg/kg	0.0054	ND
p,p'-DDD	1	mg/kg	0.0027	ND
p,p'-DDE	1	mg/kg	0.0027	ND
p,p'-DDT	**1**	**mg/kg**	**0.0027**	**0.0081**
Toxaphene	1	mg/kg	0.027	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Lab#: AC45774-002 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB02 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	**1**	**mg/kg**	**0.072**	**0.093**
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.072	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.072	ND
1,2-Diphenylhydrazine	1	mg/kg	0.072	ND
2,4,5-Trichlorophenol	1	mg/kg	0.072	ND
2,4,6-Trichlorophenol	1	mg/kg	0.072	ND
2,4-Dichlorophenol	1	mg/kg	0.072	ND
2,4-Dimethylphenol	1	mg/kg	0.072	ND
2,4-Dinitrophenol	1	mg/kg	0.36	ND
2,4-Dinitrotoluene	1	mg/kg	0.072	ND
2,6-Dinitrotoluene	1	mg/kg	0.072	ND
2-Chloronaphthalene	1	mg/kg	0.072	ND
2-Chlorophenol	1	mg/kg	0.072	ND
2-Methylnaphthalene	**1**	**mg/kg**	**0.072**	**0.45**
2-Methylphenol	1	mg/kg	0.072	ND
2-Nitroaniline	1	mg/kg	0.072	ND
2-Nitrophenol	1	mg/kg	0.072	ND
3&4-Methylphenol	1	mg/kg	0.072	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.072	ND
3-Nitroaniline	1	mg/kg	0.072	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.36	ND
4-Bromophenyl-phenylether	1	mg/kg	0.072	ND
4-Chloro-3-methylphenol	1	mg/kg	0.072	ND
4-Chloroaniline	1	mg/kg	0.072	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.072	ND
4-Nitroaniline	1	mg/kg	0.072	ND
4-Nitrophenol	1	mg/kg	0.072	ND
Acenaphthene	**1**	**mg/kg**	**0.072**	**0.63**
Acenaphthylene	**1**	**mg/kg**	**0.072**	**0.16**
Acetophenone	1	mg/kg	0.072	ND
Aniline	1	mg/kg	0.072	ND
Anthracene	**1**	**mg/kg**	**0.072**	**0.64**
Atrazine	1	mg/kg	0.072	ND
Benzaldehyde	1	mg/kg	0.072	ND
Benzidine	1	mg/kg	0.36	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.072**	**0.98**
Benzo[a]pyrene	**1**	**mg/kg**	**0.072**	**1.0**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.072**	**1.8**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.072**	**0.70**
Benzo[k]fluoranthene	**1**	**mg/kg**	**0.072**	**0.51**
Benzoic acid	1	mg/kg	0.36	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.072	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.072	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.072	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.072	ND
Butylbenzylphthalate	1	mg/kg	0.072	ND
Caprolactam	1	mg/kg	0.072	ND
Carbazole	**1**	**mg/kg**	**0.072**	**0.20**
Chrysene	**1**	**mg/kg**	**0.072**	**1.2**
Dibenzo[a,h]anthracene	**1**	**mg/kg**	**0.072**	**0.22**
Dibenzofuran	**1**	**mg/kg**	**0.072**	**0.43**
Diethylphthalate	1	mg/kg	0.072	ND
Dimethylphthalate	1	mg/kg	0.072	ND
Di-n-butylphthalate	1	mg/kg	0.072	ND
Di-n-octylphthalate	1	mg/kg	0.072	ND
Fluoranthene	**1**	**mg/kg**	**0.072**	**2.3**
Fluorene	**1**	**mg/kg**	**0.072**	**0.62**
Hexachlorobenzene	1	mg/kg	0.072	ND
Hexachlorobutadiene	1	mg/kg	0.072	ND
Hexachlorocyclopentadiene	1	mg/kg	0.36	ND
Hexachloroethane	1	mg/kg	0.072	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.072**	**0.62**
Isophorone	1	mg/kg	0.072	ND
Naphthalene	**1**	**mg/kg**	**0.072**	**1.2**
Nitrobenzene	1	mg/kg	0.072	ND
N-Nitrosodimethylamine	1	mg/kg	0.072	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.072	ND
N-Nitrosodiphenylamine	1	mg/kg	0.072	ND
Pentachlorophenol	1	mg/kg	0.36	ND
Phenanthrene	**1**	**mg/kg**	**0.072**	**2.5**
Phenol	1	mg/kg	0.072	ND
Pyrene	**1**	**mg/kg**	**0.072**	**1.8**

Lab#: AC45774-002 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB02 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**220**	**3600**
Antimony	100	mg/kg	2.2	ND
Arsenic	**100**	**mg/kg**	**2.2**	**5.2**
Barium	**100**	**mg/kg**	**11**	**17**
Beryllium	100	mg/kg	0.65	ND
Cadmium	100	mg/kg	0.65	ND
Calcium	100	mg/kg	1100	ND
Chromium	**100**	**mg/kg**	**5.4**	**12**
Cobalt	100	mg/kg	2.7	ND
Copper	**100**	**mg/kg**	**5.4**	**44**
Iron	**100**	**mg/kg**	**220**	**13000**
Lead	**100**	**mg/kg**	**7.5**	**29**
Magnesium	100	mg/kg	540	ND
Manganese	**100**	**mg/kg**	**11**	**180**
Nickel	**100**	**mg/kg**	**5.4**	**9.2**
Potassium	100	mg/kg	540	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	540	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	**100**	**mg/kg**	**11**	**100**

Lab#: AC45774-002 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB02 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.99	mg/kg	0.0053	ND
1,1,2,2-Tetrachloroethane	0.99	mg/kg	0.0053	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.99	mg/kg	0.0053	ND
1,1,2-Trichloroethane	0.99	mg/kg	0.0053	ND
1,1-Dichloroethane	0.99	mg/kg	0.0053	ND
1,1-Dichloroethene	0.99	mg/kg	0.0053	ND
1,2,3-Trichlorobenzene	0.99	mg/kg	0.0053	ND
1,2,3-Trichloropropane	0.99	mg/kg	0.0053	ND
1,2,4-Trichlorobenzene	0.99	mg/kg	0.0053	ND
1,2,4-Trimethylbenzene	**0.99**	**mg/kg**	**0.0011**	**0.0012**
1,2-Dibromo-3-chloropropane	0.99	mg/kg	0.0053	ND
1,2-Dibromoethane	0.99	mg/kg	0.0053	ND
1,2-Dichlorobenzene	0.99	mg/kg	0.0053	ND
1,2-Dichloroethane	0.99	mg/kg	0.0053	ND
1,2-Dichloropropane	0.99	mg/kg	0.0053	ND
1,3,5-Trimethylbenzene	0.99	mg/kg	0.0011	ND
1,3-Dichlorobenzene	0.99	mg/kg	0.0053	ND
1,3-Dichloropropane	0.99	mg/kg	0.0053	ND
1,4-Dichlorobenzene	0.99	mg/kg	0.0053	ND
1,4-Dioxane	0.99	mg/kg	0.27	ND
2-Butanone	0.99	mg/kg	0.0053	ND
2-Chloroethylvinylether	0.99	mg/kg	0.0053	ND
2-Hexanone	0.99	mg/kg	0.0053	ND
4-Isopropyltoluene	**0.99**	**mg/kg**	**0.0011**	**0.012**
4-Methyl-2-pentanone	0.99	mg/kg	0.0053	ND
Acetone	0.99	mg/kg	0.027	ND
Acrolein	0.99	mg/kg	0.027	ND
Acrylonitrile	0.99	mg/kg	0.0053	ND
Benzene	0.99	mg/kg	0.0011	ND
Bromochloromethane	0.99	mg/kg	0.0053	ND
Bromodichloromethane	0.99	mg/kg	0.0053	ND
Bromoform	0.99	mg/kg	0.0053	ND
Bromomethane	0.99	mg/kg	0.0053	ND
Carbon disulfide	0.99	mg/kg	0.0053	ND
Carbon tetrachloride	0.99	mg/kg	0.0053	ND
Chlorobenzene	0.99	mg/kg	0.0053	ND
Chloroethane	0.99	mg/kg	0.0053	ND
Chloroform	0.99	mg/kg	0.0053	ND
Chloromethane	0.99	mg/kg	0.0053	ND
cis-1,2-Dichloroethene	0.99	mg/kg	0.0053	ND
cis-1,3-Dichloropropene	0.99	mg/kg	0.0053	ND
Cyclohexane	0.99	mg/kg	0.0053	ND
Dibromochloromethane	0.99	mg/kg	0.0053	ND
Dichlorodifluoromethane	0.99	mg/kg	0.0053	ND
Ethylbenzene	0.99	mg/kg	0.0011	ND
Isopropylbenzene	0.99	mg/kg	0.0011	ND
m&p-Xylenes	0.99	mg/kg	0.0011	ND
Methyl Acetate	0.99	mg/kg	0.0053	ND
Methylcyclohexane	0.99	mg/kg	0.0053	ND
Methylene chloride	0.99	mg/kg	0.0053	ND
Methyl-t-butyl ether	0.99	mg/kg	0.0011	ND
n-Butylbenzene	0.99	mg/kg	0.0011	ND
n-Propylbenzene	0.99	mg/kg	0.0011	ND
o-Xylene	0.99	mg/kg	0.0011	ND
sec-Butylbenzene	0.99	mg/kg	0.0011	ND
Styrene	0.99	mg/kg	0.0053	ND
t-Butyl Alcohol	0.99	mg/kg	0.027	ND
t-Butylbenzene	0.99	mg/kg	0.0011	ND
Tetrachloroethene	**0.99**	**mg/kg**	**0.0053**	**0.21**
Toluene	0.99	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.99	mg/kg	0.0053	ND
trans-1,3-Dichloropropene	0.99	mg/kg	0.0053	ND
Trichloroethene	0.99	mg/kg	0.0053	ND
Trichlorofluoromethane	0.99	mg/kg	0.0053	ND
Vinyl chloride	0.99	mg/kg	0.0053	ND
Xylenes (Total)	0.99	mg/kg	0.0011	ND

Lab#: AC45774-003 **Collection Date: 7/15/2009**
Sample ID: 1-30-185-SB03 (5-10)

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		97
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.086	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0052	ND
Alpha-BHC	1	mg/kg	0.0010	ND
beta-BHC	1	mg/kg	0.0010	ND
Chlordane	1	mg/kg	0.010	ND
delta-BHC	1	mg/kg	0.0052	ND
Dieldrin	1	mg/kg	0.0010	ND
Endosulfan I	1	mg/kg	0.0052	ND
Endosulfan II	1	mg/kg	0.0052	ND
Endosulfan Sulfate	1	mg/kg	0.0052	ND
Endrin	1	mg/kg	0.0052	ND
Endrin Aldehyde	1	mg/kg	0.0052	ND
Endrin Ketone	1	mg/kg	0.0052	ND
gamma-BHC	1	mg/kg	0.0010	ND
Heptachlor	1	mg/kg	0.0052	ND
Heptachlor Epoxide	1	mg/kg	0.0052	ND
Methoxychlor	1	mg/kg	0.0052	ND
p,p'-DDD	1	mg/kg	0.0026	ND
p,p'-DDE	1	mg/kg	0.0026	ND
p,p'-DDT	1	mg/kg	0.0026	ND
Toxaphene	1	mg/kg	0.026	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Lab#: AC45774-003 **Collection Date: 7/15/2009**
Sample ID: 1-30-185-SB03 (5-10)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	mg/kg	0.069	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.069	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.069	ND
1,2-Diphenylhydrazine	1	mg/kg	0.069	ND
2,4,5-Trichlorophenol	1	mg/kg	0.069	ND
2,4,6-Trichlorophenol	1	mg/kg	0.069	ND
2,4-Dichlorophenol	1	mg/kg	0.069	ND
2,4-Dimethylphenol	1	mg/kg	0.069	ND
2,4-Dinitrophenol	1	mg/kg	0.34	ND
2,4-Dinitrotoluene	1	mg/kg	0.069	ND
2,6-Dinitrotoluene	1	mg/kg	0.069	ND
2-Chloronaphthalene	1	mg/kg	0.069	ND
2-Chlorophenol	1	mg/kg	0.069	ND
2-Methylnaphthalene	1	mg/kg	0.069	ND
2-Methylphenol	1	mg/kg	0.069	ND
2-Nitroaniline	1	mg/kg	0.069	ND
2-Nitrophenol	1	mg/kg	0.069	ND
3&4-Methylphenol	1	mg/kg	0.069	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.069	ND
3-Nitroaniline	1	mg/kg	0.069	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.34	ND
4-Bromophenyl-phenylether	1	mg/kg	0.069	ND
4-Chloro-3-methylphenol	1	mg/kg	0.069	ND
4-Chloroaniline	1	mg/kg	0.069	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.069	ND
4-Nitroaniline	1	mg/kg	0.069	ND
4-Nitrophenol	1	mg/kg	0.069	ND
Acenaphthene	1	mg/kg	0.069	ND
Acenaphthylene	1	mg/kg	0.069	ND
Acetophenone	1	mg/kg	0.069	ND
Aniline	1	mg/kg	0.069	ND
Anthracene	1	mg/kg	0.069	ND
Atrazine	1	mg/kg	0.069	ND
Benzaldehyde	1	mg/kg	0.069	ND
Benzidine	1	mg/kg	0.34	ND
Benzo[a]anthracene	1	mg/kg	0.069	ND
Benzo[a]pyrene	1	mg/kg	0.069	ND
Benzo[b]fluoranthene	1	mg/kg	0.069	ND
Benzo[g,h,i]perylene	1	mg/kg	0.069	ND
Benzo[k]fluoranthene	1	mg/kg	0.069	ND
Benzoic acid	1	mg/kg	0.34	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.069	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.069	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.069	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.069	ND
Butylbenzylphthalate	1	mg/kg	0.069	ND
Caprolactam	1	mg/kg	0.069	ND
Carbazole	1	mg/kg	0.069	ND
Chrysene	1	mg/kg	0.069	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.069	ND
Dibenzofuran	1	mg/kg	0.069	ND
Diethylphthalate	1	mg/kg	0.069	ND
Dimethylphthalate	1	mg/kg	0.069	ND
Di-n-butylphthalate	1	mg/kg	0.069	ND
Di-n-octylphthalate	1	mg/kg	0.069	ND
Fluoranthene	1	mg/kg	0.069	ND
Fluorene	1	mg/kg	0.069	ND
Hexachlorobenzene	1	mg/kg	0.069	ND
Hexachlorobutadiene	1	mg/kg	0.069	ND
Hexachlorocyclopentadiene	1	mg/kg	0.34	ND
Hexachloroethane	1	mg/kg	0.069	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.069	ND
Isophorone	1	mg/kg	0.069	ND
Naphthalene	1	mg/kg	0.069	ND
Nitrobenzene	1	mg/kg	0.069	ND
N-Nitrosodimethylamine	1	mg/kg	0.069	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.069	ND
N-Nitrosodiphenylamine	1	mg/kg	0.069	ND
Pentachlorophenol	1	mg/kg	0.34	ND
Phenanthrene	1	mg/kg	0.069	ND
Phenol	1	mg/kg	0.069	ND
Pyrene	1	mg/kg	0.069	ND

Lab#: AC45774-003 Collection Date: 7/15/2009
Sample ID: 1-30-185-SB03 (5-10)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**1100**
Antimony	100	mg/kg	2.1	ND
Arsenic	100	mg/kg	2.1	ND
Barium	100	mg/kg	10	ND
Beryllium	100	mg/kg	0.62	ND
Cadmium	100	mg/kg	0.62	ND
Calcium	100	mg/kg	1000	ND
Chromium	100	mg/kg	5.2	ND
Cobalt	100	mg/kg	2.6	ND
Copper	100	mg/kg	5.2	ND
Iron	**100**	**mg/kg**	**210**	**4000**
Lead	100	mg/kg	7.2	ND
Magnesium	100	mg/kg	520	ND
Manganese	**100**	**mg/kg**	**10**	**110**
Nickel	100	mg/kg	5.2	ND
Potassium	100	mg/kg	520	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.5	ND
Sodium	100	mg/kg	520	ND
Thallium	100	mg/kg	1.2	ND
Vanadium	100	mg/kg	10	ND
Zinc	100	mg/kg	10	ND

Lab#: AC45774-003 Collection Date: 7/15/2009
Sample ID: 1-30-185-SB03 (5-10)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.984	mg/kg	0.0051	ND
1,1,2,2-Tetrachloroethane	0.984	mg/kg	0.0051	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.984	mg/kg	0.0051	ND
1,1,2-Trichloroethane	0.984	mg/kg	0.0051	ND
1,1-Dichloroethane	0.984	mg/kg	0.0051	ND
1,1-Dichloroethene	0.984	mg/kg	0.0051	ND
1,2,3-Trichlorobenzene	0.984	mg/kg	0.0051	ND
1,2,3-Trichloropropane	0.984	mg/kg	0.0051	ND
1,2,4-Trichlorobenzene	0.984	mg/kg	0.0051	ND
1,2,4-Trimethylbenzene	0.984	mg/kg	0.0010	ND
1,2-Dibromo-3-chloropropane	0.984	mg/kg	0.0051	ND
1,2-Dibromoethane	0.984	mg/kg	0.0051	ND
1,2-Dichlorobenzene	0.984	mg/kg	0.0051	ND
1,2-Dichloroethane	0.984	mg/kg	0.0051	ND
1,2-Dichloropropane	0.984	mg/kg	0.0051	ND
1,3,5-Trimethylbenzene	0.984	mg/kg	0.0010	ND
1,3-Dichlorobenzene	0.984	mg/kg	0.0051	ND
1,3-Dichloropropane	0.984	mg/kg	0.0051	ND
1,4-Dichlorobenzene	0.984	mg/kg	0.0051	ND
1,4-Dioxane	0.984	mg/kg	0.25	ND
2-Butanone	0.984	mg/kg	0.0051	ND
2-Chloroethylvinylether	0.984	mg/kg	0.0051	ND
2-Hexanone	0.984	mg/kg	0.0051	ND
4-Isopropyltoluene	0.984	mg/kg	0.0010	ND
4-Methyl-2-pentanone	0.984	mg/kg	0.0051	ND
Acetone	0.984	mg/kg	0.025	ND
Acrolein	0.984	mg/kg	0.025	ND
Acrylonitrile	0.984	mg/kg	0.0051	ND
Benzene	0.984	mg/kg	0.0010	ND
Bromochloromethane	0.984	mg/kg	0.0051	ND
Bromodichloromethane	0.984	mg/kg	0.0051	ND
Bromoform	0.984	mg/kg	0.0051	ND
Bromomethane	0.984	mg/kg	0.0051	ND
Carbon disulfide	0.984	mg/kg	0.0051	ND
Carbon tetrachloride	0.984	mg/kg	0.0051	ND
Chlorobenzene	0.984	mg/kg	0.0051	ND
Chloroethane	0.984	mg/kg	0.0051	ND
Chloroform	0.984	mg/kg	0.0051	ND
Chloromethane	0.984	mg/kg	0.0051	ND
cis-1,2-Dichloroethene	0.984	mg/kg	0.0051	ND
cis-1,3-Dichloropropene	0.984	mg/kg	0.0051	ND
Cyclohexane	0.984	mg/kg	0.0051	ND
Dibromochloromethane	0.984	mg/kg	0.0051	ND
Dichlorodifluoromethane	0.984	mg/kg	0.0051	ND
Ethylbenzene	0.984	mg/kg	0.0010	ND
Isopropylbenzene	0.984	mg/kg	0.0010	ND
m&p-Xylenes	0.984	mg/kg	0.0010	ND
Methyl Acetate	0.984	mg/kg	0.0051	ND
Methylcyclohexane	0.984	mg/kg	0.0051	ND
Methylene chloride	0.984	mg/kg	0.0051	ND
Methyl-t-butyl ether	0.984	mg/kg	0.0010	ND
n-Butylbenzene	0.984	mg/kg	0.0010	ND
n-Propylbenzene	0.984	mg/kg	0.0010	ND
o-Xylene	0.984	mg/kg	0.0010	ND
sec-Butylbenzene	0.984	mg/kg	0.0010	ND
Styrene	0.984	mg/kg	0.0051	ND
t-Butyl Alcohol	0.984	mg/kg	0.025	ND
t-Butylbenzene	0.984	mg/kg	0.0010	ND
Tetrachloroethene	0.984	mg/kg	0.0051	ND
Toluene	0.984	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.984	mg/kg	0.0051	ND
trans-1,3-Dichloropropene	0.984	mg/kg	0.0051	ND
Trichloroethene	0.984	mg/kg	0.0051	ND
Trichlorofluoromethane	0.984	mg/kg	0.0051	ND
Vinyl chloride	0.984	mg/kg	0.0051	ND
Xylenes (Total)	0.984	mg/kg	0.001	ND

Lab#: AC45774-004 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB04 (10-15)

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	**1**	**percent**		**97**
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.086	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0052	ND
Alpha-BHC	1	mg/kg	0.0010	ND
beta-BHC	1	mg/kg	0.0010	ND
Chlordane	1	mg/kg	0.010	ND
delta-BHC	1	mg/kg	0.0052	ND
Dieldrin	1	mg/kg	0.0010	ND
Endosulfan I	1	mg/kg	0.0052	ND
Endosulfan II	1	mg/kg	0.0052	ND
Endosulfan Sulfate	1	mg/kg	0.0052	ND
Endrin	1	mg/kg	0.0052	ND
Endrin Aldehyde	1	mg/kg	0.0052	ND
Endrin Ketone	1	mg/kg	0.0052	ND
gamma-BHC	1	mg/kg	0.0010	ND
Heptachlor	1	mg/kg	0.0052	ND
Heptachlor Epoxide	1	mg/kg	0.0052	ND
Methoxychlor	1	mg/kg	0.0052	ND
p,p'-DDD	1	mg/kg	0.0026	ND
p,p'-DDE	1	mg/kg	0.0026	ND
p,p'-DDT	1	mg/kg	0.0026	ND
Toxaphene	1	mg/kg	0.026	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Lab#: AC45774-004 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB04 (10-15)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	mg/kg	0.069	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.069	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.069	ND
1,2-Diphenylhydrazine	1	mg/kg	0.069	ND
2,4,5-Trichlorophenol	1	mg/kg	0.069	ND
2,4,6-Trichlorophenol	1	mg/kg	0.069	ND
2,4-Dichlorophenol	1	mg/kg	0.069	ND
2,4-Dimethylphenol	1	mg/kg	0.069	ND
2,4-Dinitrophenol	1	mg/kg	0.34	ND
2,4-Dinitrotoluene	1	mg/kg	0.069	ND
2,6-Dinitrotoluene	1	mg/kg	0.069	ND
2-Chloronaphthalene	1	mg/kg	0.069	ND
2-Chlorophenol	1	mg/kg	0.069	ND
2-Methylnaphthalene	1	mg/kg	0.069	ND
2-Methylphenol	1	mg/kg	0.069	ND
2-Nitroaniline	1	mg/kg	0.069	ND
2-Nitrophenol	1	mg/kg	0.069	ND
3&4-Methylphenol	1	mg/kg	0.069	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.069	ND
3-Nitroaniline	1	mg/kg	0.069	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.34	ND
4-Bromophenyl-phenylether	1	mg/kg	0.069	ND
4-Chloro-3-methylphenol	1	mg/kg	0.069	ND
4-Chloroaniline	1	mg/kg	0.069	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.069	ND
4-Nitroaniline	1	mg/kg	0.069	ND
4-Nitrophenol	1	mg/kg	0.069	ND
Acenaphthene	1	mg/kg	0.069	ND
Acenaphthylene	1	mg/kg	0.069	ND
Acetophenone	1	mg/kg	0.069	ND
Aniline	1	mg/kg	0.069	ND
Anthracene	1	mg/kg	0.069	ND
Atrazine	1	mg/kg	0.069	ND
Benzaldehyde	1	mg/kg	0.069	ND
Benzidine	1	mg/kg	0.34	ND
Benzo[a]anthracene	**1**	**mg/kg**	**0.069**	**0.13**
Benzo[a]pyrene	**1**	**mg/kg**	**0.069**	**0.13**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.069**	**0.19**
Benzo[g,h,i]perylene	**1**	**mg/kg**	**0.069**	**0.11**
Benzo[k]fluoranthene	1	mg/kg	0.069	ND
Benzoic acid	1	mg/kg	0.34	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.069	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.069	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.069	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.069	ND
Butylbenzylphthalate	1	mg/kg	0.069	ND
Caprolactam	1	mg/kg	0.069	ND
Carbazole	1	mg/kg	0.069	ND
Chrysene	**1**	**mg/kg**	**0.069**	**0.14**
Dibenzo[a,h]anthracene	1	mg/kg	0.069	ND
Dibenzofuran	1	mg/kg	0.069	ND
Diethylphthalate	1	mg/kg	0.069	ND
Dimethylphthalate	1	mg/kg	0.069	ND
Di-n-butylphthalate	1	mg/kg	0.069	ND
Di-n-octylphthalate	1	mg/kg	0.069	ND
Fluoranthene	**1**	**mg/kg**	**0.069**	**0.34**
Fluorene	1	mg/kg	0.069	ND
Hexachlorobenzene	1	mg/kg	0.069	ND
Hexachlorobutadiene	1	mg/kg	0.069	ND
Hexachlorocyclopentadiene	1	mg/kg	0.34	ND
Hexachloroethane	1	mg/kg	0.069	ND
Indeno[1,2,3-cd]pyrene	**1**	**mg/kg**	**0.069**	**0.088**
Isophorone	1	mg/kg	0.069	ND
Naphthalene	1	mg/kg	0.069	ND
Nitrobenzene	1	mg/kg	0.069	ND
N-Nitrosodimethylamine	1	mg/kg	0.069	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.069	ND
N-Nitrosodiphenylamine	1	mg/kg	0.069	ND
Pentachlorophenol	1	mg/kg	0.34	ND
Phenanthrene	**1**	**mg/kg**	**0.069**	**0.18**
Phenol	1	mg/kg	0.069	ND
Pyrene	**1**	**mg/kg**	**0.069**	**0.25**

Lab#: AC45774-004 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB04 (10-15)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**1800**
Antimony	100	mg/kg	2.1	ND
Arsenic	**100**	**mg/kg**	**2.1**	**2.2**
Barium	**100**	**mg/kg**	**10**	**19**
Beryllium	100	mg/kg	0.62	ND
Cadmium	100	mg/kg	0.62	ND
Calcium	100	mg/kg	1000	ND
Chromium	**100**	**mg/kg**	**5.2**	**8.0**
Cobalt	**100**	**mg/kg**	**2.6**	**3.9**
Copper	**100**	**mg/kg**	**5.2**	**9.8**
Iron	**100**	**mg/kg**	**210**	**6300**
Lead	100	mg/kg	7.2	ND
Magnesium	**100**	**mg/kg**	**520**	**600**
Manganese	**100**	**mg/kg**	**10**	**200**
Nickel	**100**	**mg/kg**	**5.2**	**6.4**
Potassium	100	mg/kg	520	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.5	ND
Sodium	100	mg/kg	520	ND
Thallium	100	mg/kg	1.2	ND
Vanadium	100	mg/kg	10	ND
Zinc	100	mg/kg	10	ND

Lab#: AC45774-004 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB04 (10-15)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.988	mg/kg	0.0051	ND
1,1,2,2-Tetrachloroethane	0.988	mg/kg	0.0051	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.988	mg/kg	0.0051	ND
1,1,2-Trichloroethane	0.988	mg/kg	0.0051	ND
1,1-Dichloroethane	0.988	mg/kg	0.0051	ND
1,1-Dichloroethene	0.988	mg/kg	0.0051	ND
1,2,3-Trichlorobenzene	0.988	mg/kg	0.0051	ND
1,2,3-Trichloropropane	0.988	mg/kg	0.0051	ND
1,2,4-Trichlorobenzene	0.988	mg/kg	0.0051	ND
1,2,4-Trimethylbenzene	0.988	mg/kg	0.0010	ND
1,2-Dibromo-3-chloropropane	0.988	mg/kg	0.0051	ND
1,2-Dibromoethane	0.988	mg/kg	0.0051	ND
1,2-Dichlorobenzene	0.988	mg/kg	0.0051	ND
1,2-Dichloroethane	0.988	mg/kg	0.0051	ND
1,2-Dichloropropane	0.988	mg/kg	0.0051	ND
1,3,5-Trimethylbenzene	0.988	mg/kg	0.0010	ND
1,3-Dichlorobenzene	0.988	mg/kg	0.0051	ND
1,3-Dichloropropane	0.988	mg/kg	0.0051	ND
1,4-Dichlorobenzene	0.988	mg/kg	0.0051	ND
1,4-Dioxane	0.988	mg/kg	0.25	ND
2-Butanone	0.988	mg/kg	0.0051	ND
2-Chloroethylvinylether	0.988	mg/kg	0.0051	ND
2-Hexanone	0.988	mg/kg	0.0051	ND
4-Isopropyltoluene	0.988	mg/kg	0.0010	ND
4-Methyl-2-pentanone	0.988	mg/kg	0.0051	ND
Acetone	0.988	mg/kg	0.025	ND
Acrolein	0.988	mg/kg	0.025	ND
Acrylonitrile	0.988	mg/kg	0.0051	ND
Benzene	0.988	mg/kg	0.0010	ND
Bromochloromethane	0.988	mg/kg	0.0051	ND
Bromodichloromethane	0.988	mg/kg	0.0051	ND
Bromoform	0.988	mg/kg	0.0051	ND
Bromomethane	0.988	mg/kg	0.0051	ND
Carbon disulfide	0.988	mg/kg	0.0051	ND
Carbon tetrachloride	0.988	mg/kg	0.0051	ND
Chlorobenzene	0.988	mg/kg	0.0051	ND
Chloroethane	0.988	mg/kg	0.0051	ND
Chloroform	0.988	mg/kg	0.0051	ND
Chloromethane	0.988	mg/kg	0.0051	ND
cis-1,2-Dichloroethene	0.988	mg/kg	0.0051	ND
cis-1,3-Dichloropropene	0.988	mg/kg	0.0051	ND
Cyclohexane	0.988	mg/kg	0.0051	ND
Dibromochloromethane	0.988	mg/kg	0.0051	ND
Dichlorodifluoromethane	0.988	mg/kg	0.0051	ND
Ethylbenzene	0.988	mg/kg	0.0010	ND
Isopropylbenzene	0.988	mg/kg	0.0010	ND
m&p-Xylenes	0.988	mg/kg	0.0010	ND
Methyl Acetate	0.988	mg/kg	0.0051	ND
Methylcyclohexane	0.988	mg/kg	0.0051	ND
Methylene chloride	0.988	mg/kg	0.0051	ND
Methyl-t-butyl ether	0.988	mg/kg	0.0010	ND
n-Butylbenzene	0.988	mg/kg	0.0010	ND
n-Propylbenzene	0.988	mg/kg	0.0010	ND
o-Xylene	0.988	mg/kg	0.0010	ND
sec-Butylbenzene	0.988	mg/kg	0.0010	ND
Styrene	0.988	mg/kg	0.0051	ND
t-Butyl Alcohol	0.988	mg/kg	0.025	ND
t-Butylbenzene	0.988	mg/kg	0.0010	ND
Tetrachloroethene	0.988	mg/kg	0.0051	ND
Toluene	0.988	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.988	mg/kg	0.0051	ND
trans-1,3-Dichloropropene	0.988	mg/kg	0.0051	ND
Trichloroethene	0.988	mg/kg	0.0051	ND
Trichlorofluoromethane	0.988	mg/kg	0.0051	ND
Vinyl chloride	0.988	mg/kg	0.0051	ND
Xylenes (Total)	0.988	mg/kg	0.001	ND

Lab#: AC45774-005 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		97
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.086	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0052	ND
Alpha-BHC	1	mg/kg	0.0010	ND
beta-BHC	1	mg/kg	0.0010	ND
Chlordane	1	mg/kg	0.010	ND
delta-BHC	1	mg/kg	0.0052	ND
Dieldrin	1	mg/kg	0.0010	ND
Endosulfan I	1	mg/kg	0.0052	ND
Endosulfan II	1	mg/kg	0.0052	ND
Endosulfan Sulfate	1	mg/kg	0.0052	ND
Endrin	1	mg/kg	0.0052	ND
Endrin Aldehyde	1	mg/kg	0.0052	ND
Endrin Ketone	1	mg/kg	0.0052	ND
gamma-BHC	1	mg/kg	0.0010	ND
Heptachlor	1	mg/kg	0.0052	ND
Heptachlor Epoxide	1	mg/kg	0.0052	ND
Methoxychlor	1	mg/kg	0.0052	ND
p,p'-DDD	1	mg/kg	0.0026	ND
p,p'-DDE	1	mg/kg	0.0026	ND
p,p'-DDT	1	mg/kg	0.0026	ND
Toxaphene	1	mg/kg	0.026	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Lab#: AC45774-005 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	mg/kg	0.069	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.069	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.069	ND
1,2-Diphenylhydrazine	1	mg/kg	0.069	ND
2,4,5-Trichlorophenol	1	mg/kg	0.069	ND
2,4,6-Trichlorophenol	1	mg/kg	0.069	ND
2,4-Dichlorophenol	1	mg/kg	0.069	ND
2,4-Dimethylphenol	1	mg/kg	0.069	ND
2,4-Dinitrophenol	1	mg/kg	0.34	ND
2,4-Dinitrotoluene	1	mg/kg	0.069	ND
2,6-Dinitrotoluene	1	mg/kg	0.069	ND
2-Chloronaphthalene	1	mg/kg	0.069	ND
2-Chlorophenol	1	mg/kg	0.069	ND
2-Methylnaphthalene	1	mg/kg	0.069	ND
2-Methylphenol	1	mg/kg	0.069	ND
2-Nitroaniline	1	mg/kg	0.069	ND
2-Nitrophenol	1	mg/kg	0.069	ND
3&4-Methylphenol	1	mg/kg	0.069	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.069	ND
3-Nitroaniline	1	mg/kg	0.069	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.34	ND
4-Bromophenyl-phenylether	1	mg/kg	0.069	ND
4-Chloro-3-methylphenol	1	mg/kg	0.069	ND
4-Chloroaniline	1	mg/kg	0.069	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.069	ND
4-Nitroaniline	1	mg/kg	0.069	ND
4-Nitrophenol	1	mg/kg	0.069	ND
Acenaphthene	1	mg/kg	0.069	ND
Acenaphthylene	1	mg/kg	0.069	ND
Acetophenone	1	mg/kg	0.069	ND
Aniline	1	mg/kg	0.069	ND
Anthracene	1	mg/kg	0.069	ND
Atrazine	1	mg/kg	0.069	ND
Benzaldehyde	1	mg/kg	0.069	ND
Benzidine	1	mg/kg	0.34	ND
Benzo[a]anthracene	1	mg/kg	0.069	ND
Benzo[a]pyrene	1	mg/kg	0.069	ND
Benzo[b]fluoranthene	1	mg/kg	0.069	ND
Benzo[g,h,i]perylene	1	mg/kg	0.069	ND
Benzo[k]fluoranthene	1	mg/kg	0.069	ND
Benzoic acid	1	mg/kg	0.34	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.069	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.069	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.069	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.069	ND
Butylbenzylphthalate	1	mg/kg	0.069	ND
Caprolactam	1	mg/kg	0.069	ND
Carbazole	1	mg/kg	0.069	ND
Chrysene	1	mg/kg	0.069	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.069	ND
Dibenzofuran	1	mg/kg	0.069	ND
Diethylphthalate	1	mg/kg	0.069	ND
Dimethylphthalate	1	mg/kg	0.069	ND
Di-n-butylphthalate	1	mg/kg	0.069	ND
Di-n-octylphthalate	1	mg/kg	0.069	ND
Fluoranthene	1	mg/kg	0.069	ND
Fluorene	1	mg/kg	0.069	ND
Hexachlorobenzene	1	mg/kg	0.069	ND
Hexachlorobutadiene	1	mg/kg	0.069	ND
Hexachlorocyclopentadiene	1	mg/kg	0.34	ND
Hexachloroethane	1	mg/kg	0.069	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.069	ND
Isophorone	1	mg/kg	0.069	ND
Naphthalene	1	mg/kg	0.069	ND
Nitrobenzene	1	mg/kg	0.069	ND
N-Nitrosodimethylamine	1	mg/kg	0.069	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.069	ND
N-Nitrosodiphenylamine	1	mg/kg	0.069	ND
Pentachlorophenol	1	mg/kg	0.34	ND
Phenanthrene	1	mg/kg	0.069	ND
Phenol	1	mg/kg	0.069	ND
Pyrene	1	mg/kg	0.069	ND

Lab#: AC45774-005 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**1400**
Antimony	100	mg/kg	2.1	ND
Arsenic	100	mg/kg	2.1	ND
Barium	100	mg/kg	10	ND
Beryllium	100	mg/kg	0.62	ND
Cadmium	100	mg/kg	0.62	ND
Calcium	100	mg/kg	1000	ND
Chromium	100	mg/kg	5.2	ND
Cobalt	100	mg/kg	2.6	ND
Copper	100	mg/kg	5.2	ND
Iron	**100**	**mg/kg**	**210**	**4100**
Lead	100	mg/kg	7.2	ND
Magnesium	100	mg/kg	520	ND
Manganese	**100**	**mg/kg**	**10**	**27**
Nickel	100	mg/kg	5.2	ND
Potassium	100	mg/kg	520	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.5	ND
Sodium	100	mg/kg	520	ND
Thallium	100	mg/kg	1.2	ND
Vanadium	100	mg/kg	10	ND
Zinc	100	mg/kg	10	ND

Lab#: AC45774-005 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.998	mg/kg	0.0051	ND
1,1,2,2-Tetrachloroethane	0.998	mg/kg	0.0051	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.998	mg/kg	0.0051	ND
1,1,2-Trichloroethane	0.998	mg/kg	0.0051	ND
1,1-Dichloroethane	0.998	mg/kg	0.0051	ND
1,1-Dichloroethene	0.998	mg/kg	0.0051	ND
1,2,3-Trichlorobenzene	0.998	mg/kg	0.0051	ND
1,2,3-Trichloropropane	0.998	mg/kg	0.0051	ND
1,2,4-Trichlorobenzene	0.998	mg/kg	0.0051	ND
1,2,4-Trimethylbenzene	0.998	mg/kg	0.0010	ND
1,2-Dibromo-3-chloropropane	0.998	mg/kg	0.0051	ND
1,2-Dibromoethane	0.998	mg/kg	0.0051	ND
1,2-Dichlorobenzene	0.998	mg/kg	0.0051	ND
1,2-Dichloroethane	0.998	mg/kg	0.0051	ND
1,2-Dichloropropane	0.998	mg/kg	0.0051	ND
1,3,5-Trimethylbenzene	0.998	mg/kg	0.0010	ND
1,3-Dichlorobenzene	0.998	mg/kg	0.0051	ND
1,3-Dichloropropane	0.998	mg/kg	0.0051	ND
1,4-Dichlorobenzene	0.998	mg/kg	0.0051	ND
1,4-Dioxane	0.998	mg/kg	0.26	ND
2-Butanone	0.998	mg/kg	0.0051	ND
2-Chloroethylvinylether	0.998	mg/kg	0.0051	ND
2-Hexanone	0.998	mg/kg	0.0051	ND
4-Isopropyltoluene	0.998	mg/kg	0.0010	ND
4-Methyl-2-pentanone	0.998	mg/kg	0.0051	ND
Acetone	0.998	mg/kg	0.026	ND
Acrolein	0.998	mg/kg	0.026	ND
Acrylonitrile	0.998	mg/kg	0.0051	ND
Benzene	0.998	mg/kg	0.0010	ND
Bromochloromethane	0.998	mg/kg	0.0051	ND
Bromodichloromethane	0.998	mg/kg	0.0051	ND
Bromoform	0.998	mg/kg	0.0051	ND
Bromomethane	0.998	mg/kg	0.0051	ND
Carbon disulfide	0.998	mg/kg	0.0051	ND
Carbon tetrachloride	0.998	mg/kg	0.0051	ND
Chlorobenzene	0.998	mg/kg	0.0051	ND
Chloroethane	0.998	mg/kg	0.0051	ND
Chloroform	0.998	mg/kg	0.0051	ND
Chloromethane	0.998	mg/kg	0.0051	ND
cis-1,2-Dichloroethene	0.998	mg/kg	0.0051	ND
cis-1,3-Dichloropropene	0.998	mg/kg	0.0051	ND
Cyclohexane	0.998	mg/kg	0.0051	ND
Dibromochloromethane	0.998	mg/kg	0.0051	ND
Dichlorodifluoromethane	0.998	mg/kg	0.0051	ND
Ethylbenzene	0.998	mg/kg	0.0010	ND
Isopropylbenzene	0.998	mg/kg	0.0010	ND
m&p-Xylenes	0.998	mg/kg	0.0010	ND
Methyl Acetate	0.998	mg/kg	0.0051	ND
Methylcyclohexane	0.998	mg/kg	0.0051	ND
Methylene chloride	0.998	mg/kg	0.0051	ND
Methyl-t-butyl ether	0.998	mg/kg	0.0010	ND
n-Butylbenzene	0.998	mg/kg	0.0010	ND
n-Propylbenzene	0.998	mg/kg	0.0010	ND
o-Xylene	0.998	mg/kg	0.0010	ND
sec-Butylbenzene	0.998	mg/kg	0.0010	ND
Styrene	0.998	mg/kg	0.0051	ND
t-Butyl Alcohol	0.998	mg/kg	0.026	ND
t-Butylbenzene	0.998	mg/kg	0.0010	ND
Tetrachloroethene	0.998	mg/kg	0.0051	ND
Toluene	0.998	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.998	mg/kg	0.0051	ND
trans-1,3-Dichloropropene	0.998	mg/kg	0.0051	ND
Trichloroethene	0.998	mg/kg	0.0051	ND
Trichlorofluoromethane	0.998	mg/kg	0.0051	ND
Vinyl chloride	0.998	mg/kg	0.0051	ND
Xylenes (Total)	0.998	mg/kg	0.001	ND

Lab#: AC45774-006 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20) MS

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		97
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.086	1.7
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0052	0.042
Alpha-BHC	1	mg/kg	0.0010	0.040
beta-BHC	1	mg/kg	0.0010	0.044
Chlordane	1	mg/kg	0.010	ND
delta-BHC	1	mg/kg	0.0052	0.043
Dieldrin	1	mg/kg	0.0010	0.047
Endosulfan I	1	mg/kg	0.0052	0.045
Endosulfan II	1	mg/kg	0.0052	0.050
Endosulfan Sulfate	1	mg/kg	0.0052	0.048
Endrin	1	mg/kg	0.0052	0.044
Endrin Aldehyde	1	mg/kg	0.0052	0.039
Endrin Ketone	1	mg/kg	0.0052	0.049
gamma-BHC	1	mg/kg	0.0010	0.043
Heptachlor	1	mg/kg	0.0052	0.041
Heptachlor Epoxide	1	mg/kg	0.0052	0.046
Methoxychlor	1	mg/kg	0.0052	0.049
p,p'-DDD	1	mg/kg	0.0026	0.047
p,p'-DDE	1	mg/kg	0.0026	0.046
p,p'-DDT	1	mg/kg	0.0026	0.047
Toxaphene	1	mg/kg	0.026	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	1.01
Aroclor-1016	1	mg/kg	0.026	0.49
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	0.52
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Lab#: AC45774-006 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20) MS

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	mg/kg	0.069	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.069	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.069	1.5
1,2-Diphenylhydrazine	1	mg/kg	0.069	ND
2,4,5-Trichlorophenol	1	mg/kg	0.069	ND
2,4,6-Trichlorophenol	1	mg/kg	0.069	ND
2,4-Dichlorophenol	1	mg/kg	0.069	ND
2,4-Dimethylphenol	1	mg/kg	0.069	3.1
2,4-Dinitrophenol	1	mg/kg	0.34	ND
2,4-Dinitrotoluene	1	mg/kg	0.069	1.8
2,6-Dinitrotoluene	1	mg/kg	0.069	ND
2-Chloronaphthalene	1	mg/kg	0.069	ND
2-Chlorophenol	1	mg/kg	0.069	2.9
2-Methylnaphthalene	1	mg/kg	0.069	ND
2-Methylphenol	1	mg/kg	0.069	2.8
2-Nitroaniline	1	mg/kg	0.069	ND
2-Nitrophenol	1	mg/kg	0.069	ND
3&4-Methylphenol	1	mg/kg	0.069	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.069	ND
3-Nitroaniline	1	mg/kg	0.069	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.34	ND
4-Bromophenyl-phenylether	1	mg/kg	0.069	ND
4-Chloro-3-methylphenol	1	mg/kg	0.069	3.0
4-Chloroaniline	1	mg/kg	0.069	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.069	ND
4-Nitroaniline	1	mg/kg	0.069	ND
4-Nitrophenol	1	mg/kg	0.069	3.2
Acenaphthene	1	mg/kg	0.069	1.7
Acenaphthylene	1	mg/kg	0.069	ND
Acetophenone	1	mg/kg	0.069	ND
Aniline	1	mg/kg	0.069	ND
Anthracene	1	mg/kg	0.069	ND
Atrazine	1	mg/kg	0.069	ND
Benzaldehyde	1	mg/kg	0.069	ND
Benzidine	1	mg/kg	0.34	ND
Benzo[a]anthracene	1	mg/kg	0.069	ND
Benzo[a]pyrene	1	mg/kg	0.069	ND
Benzo[b]fluoranthene	1	mg/kg	0.069	ND
Benzo[g,h,i]perylene	1	mg/kg	0.069	ND
Benzo[k]fluoranthene	1	mg/kg	0.069	ND
Benzoic acid	1	mg/kg	0.34	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.069	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.069	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.069	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.069	ND
Butylbenzylphthalate	1	mg/kg	0.069	1.7
Caprolactam	1	mg/kg	0.069	ND
Carbazole	1	mg/kg	0.069	1.5
Chrysene	1	mg/kg	0.069	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.069	ND
Dibenzofuran	1	mg/kg	0.069	ND
Diethylphthalate	1	mg/kg	0.069	ND
Dimethylphthalate	1	mg/kg	0.069	ND
Di-n-butylphthalate	1	mg/kg	0.069	ND
Di-n-octylphthalate	1	mg/kg	0.069	ND
Fluoranthene	1	mg/kg	0.069	ND
Fluorene	1	mg/kg	0.069	1.7
Hexachlorobenzene	1	mg/kg	0.069	ND
Hexachlorobutadiene	1	mg/kg	0.069	ND
Hexachlorocyclopentadiene	1	mg/kg	0.34	ND
Hexachloroethane	1	mg/kg	0.069	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.069	ND
Isophorone	1	mg/kg	0.069	ND
Naphthalene	1	mg/kg	0.069	1.6
Nitrobenzene	1	mg/kg	0.069	ND
N-Nitrosodimethylamine	1	mg/kg	0.069	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.069	1.4
N-Nitrosodiphenylamine	1	mg/kg	0.069	ND
Pentachlorophenol	1	mg/kg	0.34	2.7
Phenanthrene	1	mg/kg	0.069	ND
Phenol	1	mg/kg	0.069	2.7
Pyrene	1	mg/kg	0.069	1.6

Lab#: AC45774-006 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20) MS

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	100	mg/kg	210	2600
Antimony	100	mg/kg	2.1	47
Arsenic	100	mg/kg	2.1	54
Barium	100	mg/kg	10	63
Beryllium	100	mg/kg	0.62	50
Cadmium	100	mg/kg	0.62	49
Calcium	100	mg/kg	1000	4900
Chromium	100	mg/kg	5.2	56
Cobalt	100	mg/kg	2.6	54
Copper	100	mg/kg	5.2	54
Iron	100	mg/kg	210	7600
Lead	100	mg/kg	7.2	51
Magnesium	100	mg/kg	520	5200
Manganese	100	mg/kg	10	130
Nickel	100	mg/kg	5.2	57
Potassium	100	mg/kg	520	4800
Selenium	100	mg/kg	1.9	48
Silver	100	mg/kg	1.5	9.1
Sodium	100	mg/kg	520	4800
Thallium	100	mg/kg	1.2	51
Vanadium	100	mg/kg	10	55
Zinc	100	mg/kg	10	60

Lab#: AC45774-006 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20) MS

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.988	mg/kg	0.0051	0.047
1,1,2,2-Tetrachloroethane	0.988	mg/kg	0.0051	0.046
1,1,2-Trichloro-1,2,2-trifluoroethane	0.988	mg/kg	0.0051	0.093
1,1,2-Trichloroethane	0.988	mg/kg	0.0051	0.042
1,1-Dichloroethane	0.988	mg/kg	0.0051	0.045
1,1-Dichloroethene	0.988	mg/kg	0.0051	0.040
1,2,3-Trichlorobenzene	0.988	mg/kg	0.0051	0.036
1,2,3-Trichloropropane	0.988	mg/kg	0.0051	0.044
1,2,4-Trichlorobenzene	0.988	mg/kg	0.0051	0.039
1,2,4-Trimethylbenzene	0.988	mg/kg	0.0010	0.045
1,2-Dibromo-3-chloropropane	0.988	mg/kg	0.0051	0.041
1,2-Dibromoethane	0.988	mg/kg	0.0051	0.042
1,2-Dichlorobenzene	0.988	mg/kg	0.0051	0.043
1,2-Dichloroethane	0.988	mg/kg	0.0051	0.048
1,2-Dichloropropane	0.988	mg/kg	0.0051	0.045
1,3,5-Trimethylbenzene	0.988	mg/kg	0.0010	0.042
1,3-Dichlorobenzene	0.988	mg/kg	0.0051	0.043
1,3-Dichloropropane	0.988	mg/kg	0.0051	0.045
1,4-Dichlorobenzene	0.988	mg/kg	0.0051	0.041
1,4-Dioxane	0.988	mg/kg	0.25	2.1
2-Butanone	0.988	mg/kg	0.0051	0.041
2-Chloroethylvinylether	0.988	mg/kg	0.0051	0.038
2-Hexanone	0.988	mg/kg	0.0051	0.042
4-Isopropyltoluene	0.988	mg/kg	0.0010	0.044
4-Methyl-2-pentanone	0.988	mg/kg	0.0051	0.045
Acetone	0.988	mg/kg	0.025	0.24
Acrolein	0.988	mg/kg	0.025	0.14
Acrylonitrile	0.988	mg/kg	0.0051	0.038
Benzene	0.988	mg/kg	0.0010	0.047
Bromochloromethane	0.988	mg/kg	0.0051	0.043
Bromodichloromethane	0.988	mg/kg	0.0051	0.044
Bromoform	0.988	mg/kg	0.0051	0.042
Bromomethane	0.988	mg/kg	0.0051	0.044
Carbon disulfide	0.988	mg/kg	0.0051	0.043
Carbon tetrachloride	0.988	mg/kg	0.0051	0.049
Chlorobenzene	0.988	mg/kg	0.0051	0.045
Chloroethane	0.988	mg/kg	0.0051	0.046
Chloroform	0.988	mg/kg	0.0051	0.045
Chloromethane	0.988	mg/kg	0.0051	0.048
cis-1,2-Dichloroethene	0.988	mg/kg	0.0051	0.046
cis-1,3-Dichloropropene	0.988	mg/kg	0.0051	0.044
Cyclohexane	0.988	mg/kg	0.0051	0.042
Dibromochloromethane	0.988	mg/kg	0.0051	0.043
Dichlorodifluoromethane	0.988	mg/kg	0.0051	0.040
Ethylbenzene	0.988	mg/kg	0.0010	0.045
Isopropylbenzene	0.988	mg/kg	0.0010	0.042
m&p-Xylenes	0.988	mg/kg	0.0010	0.087
Methyl Acetate	0.988	mg/kg	0.0051	0.050
Methylcyclohexane	0.988	mg/kg	0.0051	0.046
Methylene chloride	0.988	mg/kg	0.0051	0.045
Methyl-t-butyl ether	0.988	mg/kg	0.0010	0.042
n-Butylbenzene	0.988	mg/kg	0.0010	0.042
n-Propylbenzene	0.988	mg/kg	0.0010	0.044
o-Xylene	0.988	mg/kg	0.0010	0.043
sec-Butylbenzene	0.988	mg/kg	0.0010	0.042
Styrene	0.988	mg/kg	0.0051	0.045
t-Butyl Alcohol	0.988	mg/kg	0.025	0.24
t-Butylbenzene	0.988	mg/kg	0.0010	0.044
Tetrachloroethene	0.988	mg/kg	0.0051	0.042
Toluene	0.988	mg/kg	0.0010	0.042
trans-1,2-Dichloroethene	0.988	mg/kg	0.0051	0.047
trans-1,3-Dichloropropene	0.988	mg/kg	0.0051	0.045
Trichloroethene	0.988	mg/kg	0.0051	0.045
Trichlorofluoromethane	0.988	mg/kg	0.0051	0.042
Vinyl chloride	0.988	mg/kg	0.0051	0.050
Xylenes (Total)	0.988	mg/kg	0.001	0.13

Lab#: AC45774-007 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20) MSD

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		94
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.089	1.8
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0053	0.047
Alpha-BHC	1	mg/kg	0.0011	0.045
beta-BHC	1	mg/kg	0.0011	0.050
Chlordane	1	mg/kg	0.011	ND
delta-BHC	1	mg/kg	0.0053	0.048
Dieldrin	1	mg/kg	0.0011	0.052
Endosulfan I	1	mg/kg	0.0053	0.050
Endosulfan II	1	mg/kg	0.0053	0.052
Endosulfan Sulfate	1	mg/kg	0.0053	0.051
Endrin	1	mg/kg	0.0053	0.050
Endrin Aldehyde	1	mg/kg	0.0053	0.043
Endrin Ketone	1	mg/kg	0.0053	0.053
gamma-BHC	1	mg/kg	0.0011	0.050
Heptachlor	1	mg/kg	0.0053	0.047
Heptachlor Epoxide	1	mg/kg	0.0053	0.052
Methoxychlor	1	mg/kg	0.0053	0.052
p,p'-DDD	1	mg/kg	0.0027	0.050
p,p'-DDE	1	mg/kg	0.0027	0.050
p,p'-DDT	1	mg/kg	0.0027	0.051
Toxaphene	1	mg/kg	0.027	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	1.15
Aroclor-1016	1	mg/kg	0.027	0.56
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	0.59
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Lab#: AC45774-007 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20) MSD

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	mg/kg	0.071	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.071	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.071	1.5
1,2-Diphenylhydrazine	1	mg/kg	0.071	ND
2,4,5-Trichlorophenol	1	mg/kg	0.071	ND
2,4,6-Trichlorophenol	1	mg/kg	0.071	ND
2,4-Dichlorophenol	1	mg/kg	0.071	ND
2,4-Dimethylphenol	1	mg/kg	0.071	3.1
2,4-Dinitrophenol	1	mg/kg	0.35	ND
2,4-Dinitrotoluene	1	mg/kg	0.071	1.8
2,6-Dinitrotoluene	1	mg/kg	0.071	ND
2-Chloronaphthalene	1	mg/kg	0.071	ND
2-Chlorophenol	1	mg/kg	0.071	2.9
2-Methylnaphthalene	1	mg/kg	0.071	ND
2-Methylphenol	1	mg/kg	0.071	2.7
2-Nitroaniline	1	mg/kg	0.071	ND
2-Nitrophenol	1	mg/kg	0.071	ND
3&4-Methylphenol	1	mg/kg	0.071	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.071	ND
3-Nitroaniline	1	mg/kg	0.071	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.35	ND
4-Bromophenyl-phenylether	1	mg/kg	0.071	ND
4-Chloro-3-methylphenol	1	mg/kg	0.071	3.0
4-Chloroaniline	1	mg/kg	0.071	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.071	ND
4-Nitroaniline	1	mg/kg	0.071	ND
4-Nitrophenol	1	mg/kg	0.071	3.2
Acenaphthene	1	mg/kg	0.071	1.7
Acenaphthylene	1	mg/kg	0.071	ND
Acetophenone	1	mg/kg	0.071	ND
Aniline	1	mg/kg	0.071	ND
Anthracene	1	mg/kg	0.071	ND
Atrazine	1	mg/kg	0.071	ND
Benzaldehyde	1	mg/kg	0.071	ND
Benzidine	1	mg/kg	0.35	ND
Benzo[a]anthracene	1	mg/kg	0.071	ND
Benzo[a]pyrene	1	mg/kg	0.071	ND
Benzo[b]fluoranthene	1	mg/kg	0.071	ND
Benzo[g,h,i]perylene	1	mg/kg	0.071	ND
Benzo[k]fluoranthene	1	mg/kg	0.071	ND
Benzoic acid	1	mg/kg	0.35	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.071	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.071	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.071	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.071	ND
Butylbenzylphthalate	1	mg/kg	0.071	1.7
Caprolactam	1	mg/kg	0.071	ND
Carbazole	1	mg/kg	0.071	1.6
Chrysene	1	mg/kg	0.071	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.071	ND
Dibenzofuran	1	mg/kg	0.071	ND
Diethylphthalate	1	mg/kg	0.071	ND
Dimethylphthalate	1	mg/kg	0.071	ND
Di-n-butylphthalate	1	mg/kg	0.071	ND
Di-n-octylphthalate	1	mg/kg	0.071	ND
Fluoranthene	1	mg/kg	0.071	ND
Fluorene	1	mg/kg	0.071	1.7
Hexachlorobenzene	1	mg/kg	0.071	ND
Hexachlorobutadiene	1	mg/kg	0.071	ND
Hexachlorocyclopentadiene	1	mg/kg	0.35	ND
Hexachloroethane	1	mg/kg	0.071	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.071	ND
Isophorone	1	mg/kg	0.071	ND
Naphthalene	1	mg/kg	0.071	1.6
Nitrobenzene	1	mg/kg	0.071	ND
N-Nitrosodimethylamine	1	mg/kg	0.071	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.071	1.3
N-Nitrosodiphenylamine	1	mg/kg	0.071	ND
Pentachlorophenol	1	mg/kg	0.35	2.9
Phenanthrene	1	mg/kg	0.071	ND
Phenol	1	mg/kg	0.071	2.7
Pyrene	1	mg/kg	0.071	1.7

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Sample ID: 1-30-185-SB05 (15-20) MSD

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	100	mg/kg	210	2300
Antimony	100	mg/kg	2.1	49
Arsenic	100	mg/kg	2.1	51
Barium	100	mg/kg	11	61
Beryllium	100	mg/kg	0.64	51
Cadmium	100	mg/kg	0.64	51
Calcium	100	mg/kg	1100	5000
Chromium	100	mg/kg	5.3	55
Cobalt	100	mg/kg	2.7	54
Copper	100	mg/kg	5.3	55
Iron	100	mg/kg	210	4200
Lead	100	mg/kg	7.4	53
Magnesium	100	mg/kg	530	5400
Manganese	100	mg/kg	11	97
Nickel	100	mg/kg	5.3	58
Potassium	100	mg/kg	530	4900
Selenium	100	mg/kg	1.9	50
Silver	100	mg/kg	1.6	9.3
Sodium	100	mg/kg	530	5000
Thallium	100	mg/kg	1.3	53
Vanadium	100	mg/kg	11	56
Zinc	100	mg/kg	11	60

Lab#: AC45774-007 Collection Date: 7/13/2009
Sample ID: 1-30-185-SB05 (15-20) MSD

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.998	mg/kg	0.0053	0.055
1,1,2,2-Tetrachloroethane	0.998	mg/kg	0.0053	0.048
1,1,2-Trichloro-1,2,2-trifluoroethane	0.998	mg/kg	0.0053	0.090
1,1,2-Trichloroethane	0.998	mg/kg	0.0053	0.049
1,1-Dichloroethane	0.998	mg/kg	0.0053	0.051
1,1-Dichloroethene	0.998	mg/kg	0.0053	0.045
1,2,3-Trichlorobenzene	0.998	mg/kg	0.0053	0.043
1,2,3-Trichloropropane	0.998	mg/kg	0.0053	0.049
1,2,4-Trichlorobenzene	0.998	mg/kg	0.0053	0.045
1,2,4-Trimethylbenzene	0.998	mg/kg	0.0011	0.051
1,2-Dibromo-3-chloropropane	0.998	mg/kg	0.0053	0.046
1,2-Dibromoethane	0.998	mg/kg	0.0053	0.046
1,2-Dichlorobenzene	0.998	mg/kg	0.0053	0.047
1,2-Dichloroethane	0.998	mg/kg	0.0053	0.053
1,2-Dichloropropane	0.998	mg/kg	0.0053	0.052
1,3,5-Trimethylbenzene	0.998	mg/kg	0.0011	0.051
1,3-Dichlorobenzene	0.998	mg/kg	0.0053	0.049
1,3-Dichloropropane	0.998	mg/kg	0.0053	0.051
1,4-Dichlorobenzene	0.998	mg/kg	0.0053	0.048
1,4-Dioxane	0.998	mg/kg	0.27	2.4
2-Butanone	0.998	mg/kg	0.0053	0.047
2-Chloroethylvinylether	0.998	mg/kg	0.0053	0.045
2-Hexanone	0.998	mg/kg	0.0053	0.049
4-Isopropyltoluene	0.998	mg/kg	0.0011	0.051
4-Methyl-2-pentanone	0.998	mg/kg	0.0053	0.046
Acetone	0.998	mg/kg	0.027	0.27
Acrolein	0.998	mg/kg	0.027	0.17
Acrylonitrile	0.998	mg/kg	0.0053	0.044
Benzene	0.998	mg/kg	0.0011	0.053
Bromochloromethane	0.998	mg/kg	0.0053	0.050
Bromodichloromethane	0.998	mg/kg	0.0053	0.049
Bromoform	0.998	mg/kg	0.0053	0.046
Bromomethane	0.998	mg/kg	0.0053	0.049
Carbon disulfide	0.998	mg/kg	0.0053	0.049
Carbon tetrachloride	0.998	mg/kg	0.0053	0.057
Chlorobenzene	0.998	mg/kg	0.0053	0.052
Chloroethane	0.998	mg/kg	0.0053	0.050
Chloroform	0.998	mg/kg	0.0053	0.052
Chloromethane	0.998	mg/kg	0.0053	0.055
cis-1,2-Dichloroethene	0.998	mg/kg	0.0053	0.051
cis-1,3-Dichloropropene	0.998	mg/kg	0.0053	0.049
Cyclohexane	0.998	mg/kg	0.0053	0.049
Dibromochloromethane	0.998	mg/kg	0.0053	0.048
Dichlorodifluoromethane	0.998	mg/kg	0.0053	0.043
Ethylbenzene	0.998	mg/kg	0.0011	0.049
Isopropylbenzene	0.998	mg/kg	0.0011	0.049
m&p-Xylenes	0.998	mg/kg	0.0011	0.096
Methyl Acetate	0.998	mg/kg	0.0053	0.055
Methylcyclohexane	0.998	mg/kg	0.0053	0.054
Methylene chloride	0.998	mg/kg	0.0053	0.050
Methyl-t-butyl ether	0.998	mg/kg	0.0011	0.047
n-Butylbenzene	0.998	mg/kg	0.0011	0.049
n-Propylbenzene	0.998	mg/kg	0.0011	0.049
o-Xylene	0.998	mg/kg	0.0011	0.049
sec-Butylbenzene	0.998	mg/kg	0.0011	0.049
Styrene	0.998	mg/kg	0.0053	0.050
t-Butyl Alcohol	0.998	mg/kg	0.027	0.27
t-Butylbenzene	0.998	mg/kg	0.0011	0.051
Tetrachloroethene	0.998	mg/kg	0.0053	0.049
Toluene	0.998	mg/kg	0.0011	0.048
trans-1,2-Dichloroethene	0.998	mg/kg	0.0053	0.052
trans-1,3-Dichloropropene	0.998	mg/kg	0.0053	0.049
Trichloroethene	0.998	mg/kg	0.0053	0.051
Trichlorofluoromethane	0.998	mg/kg	0.0053	0.049
Vinyl chloride	0.998	mg/kg	0.0053	0.057
Xylenes (Total)	0.998	mg/kg	0.0011	0.145

Lab#: AC45774-008 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP01 (30)

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	ND
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.27	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.27	ND
Aroclor-1016	1	ug/l	0.27	ND
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	ND
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

Lab#: AC45774-008 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP01 (30)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Acetophenone	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC45774-008 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP01 (30)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**1**	**ug/l**	**180**	**450**
Antimony	1	ug/l	12	ND
Arsenic	1	ug/l	7.5	ND
Barium	1	ug/l	50	ND
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	3.5	ND
Calcium	**1**	**ug/l**	**2000**	**7700**
Chromium	1	ug/l	50	ND
Cobalt	1	ug/l	20	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**280**	**1100**
Lead	1	ug/l	4.0	ND
Magnesium	1	ug/l	2000	ND
Manganese	**1**	**ug/l**	**40**	**110**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Selenium	1	ug/l	40	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**64000**
Thallium	1	ug/l	10	ND
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**110**

Lab#: AC45774-008 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP01 (30)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

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TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	9.8
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	0.53
Alpha-BHC	1	ug/l	0.011	0.52
beta-BHC	1	ug/l	0.011	0.53
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	0.52
Dieldrin	1	ug/l	0.011	0.56
Endosulfan I	1	ug/l	0.011	0.53
Endosulfan II	1	ug/l	0.011	0.56
Endosulfan Sulfate	1	ug/l	0.011	0.53
Endrin	1	ug/l	0.011	0.57
Endrin Aldehyde	1	ug/l	0.011	0.57
Endrin Ketone	1	ug/l	0.011	0.54
gamma-BHC	1	ug/l	0.011	0.53
Heptachlor	1	ug/l	0.011	0.53
Heptachlor Epoxide	1	ug/l	0.011	0.54
Methoxychlor	1	ug/l	0.011	0.55
p,p'-DDD	1	ug/l	0.011	0.54
p,p'-DDE	1	ug/l	0.011	0.54
p,p'-DDT	1	ug/l	0.011	0.55
Toxaphene	1	ug/l	0.27	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.27	12.1
Aroclor-1016	1	ug/l	0.27	5.9
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	6.2
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

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TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	93
1,2-Diphenylhydrazine	1	ug/l	2.2	96
2,4,5-Trichlorophenol	1	ug/l	2.2	110
2,4,6-Trichlorophenol	1	ug/l	2.2	110
2,4-Dichlorophenol	1	ug/l	2.2	110
2,4-Dimethylphenol	1	ug/l	2.2	97
2,4-Dinitrophenol	1	ug/l	11	130
2,4-Dinitrotoluene	1	ug/l	2.2	120
2,6-Dinitrotoluene	1	ug/l	2.2	110
2-Chloronaphthalene	1	ug/l	2.2	100
2-Chlorophenol	1	ug/l	2.2	90
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	89
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	110
3&4-Methylphenol	1	ug/l	2.2	88
3,3'-Dichlorobenzidine	1	ug/l	2.2	120
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	120
4-Bromophenyl-phenylether	1	ug/l	2.2	110
4-Chloro-3-methylphenol	1	ug/l	2.2	110
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	110
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	60
Acenaphthene	1	ug/l	2.2	100
Acenaphthylene	1	ug/l	2.2	99
Acetophenone	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	64
Anthracene	1	ug/l	2.2	100
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	18
Benzo[a]anthracene	1	ug/l	2.2	100
Benzo[a]pyrene	1	ug/l	2.2	110
Benzo[b]fluoranthene	1	ug/l	2.2	100
Benzo[g,h,i]perylene	1	ug/l	2.2	110
Benzo[k]fluoranthene	1	ug/l	2.2	110
Benzoic acid	1	ug/l	11	50
bis(2-Chloroethoxy)methane	1	ug/l	2.2	98
bis(2-Chloroethyl)ether	1	ug/l	2.2	93
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	93
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	110
Butylbenzylphthalate	1	ug/l	2.2	110
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	100
Dibenzo[a,h]anthracene	1	ug/l	2.2	110
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	110
Dimethylphthalate	1	ug/l	2.2	110
Di-n-butylphthalate	1	ug/l	2.2	110
Di-n-octylphthalate	1	ug/l	2.2	100
Fluoranthene	1	ug/l	2.2	120
Fluorene	1	ug/l	2.2	100
Hexachlorobenzene	1	ug/l	2.2	110
Hexachlorobutadiene	1	ug/l	2.2	93
Hexachlorocyclopentadiene	1	ug/l	2.2	88
Hexachloroethane	1	ug/l	2.2	84
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	110
Isophorone	1	ug/l	2.2	96
Naphthalene	1	ug/l	2.2	96
Nitrobenzene	1	ug/l	2.2	100
N-Nitrosodimethylamine	1	ug/l	2.2	77
N-Nitroso-di-n-propylamine	1	ug/l	2.2	100
N-Nitrosodiphenylamine	1	ug/l	2.2	81
Pentachlorophenol	1	ug/l	11	120
Phenanthrene	1	ug/l	2.2	110
Phenol	1	ug/l	2.2	46
Pyrene	1	ug/l	2.2	98

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TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	1	ug/l	180	27000
Antimony	1	ug/l	12	460
Arsenic	1	ug/l	7.5	460
Barium	1	ug/l	50	560
Beryllium	1	ug/l	4.0	460
Cadmium	1	ug/l	3.5	460
Calcium	1	ug/l	2000	55000
Chromium	1	ug/l	50	590
Cobalt	1	ug/l	20	470
Copper	1	ug/l	50	530
Iron	1	ug/l	280	38000
Lead	1	ug/l	4.0	470
Magnesium	1	ug/l	2000	49000
Manganese	1	ug/l	40	1300
Nickel	1	ug/l	50	530
Potassium	1	ug/l	5000	48000
Selenium	1	ug/l	40	450
Silver	1	ug/l	20	83
Sodium	1	ug/l	5000	110000
Thallium	1	ug/l	10	480
Vanadium	1	ug/l	50	480
Zinc	1	ug/l	50	1300

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TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	22
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	21
1,1,2-Trichloroethane	1	ug/l	1.0	19
1,1-Dichloroethane	1	ug/l	1.0	21
1,1-Dichloroethene	1	ug/l	1.0	20
1,2,3-Trichlorobenzene	1	ug/l	1.0	17
1,2,3-Trichloropropane	1	ug/l	1.0	19
1,2,4-Trichlorobenzene	1	ug/l	1.0	20
1,2,4-Trimethylbenzene	1	ug/l	1.0	21
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	17
1,2-Dibromoethane	1	ug/l	1.0	18
1,2-Dichlorobenzene	1	ug/l	1.0	21
1,2-Dichloroethane	1	ug/l	0.50	22
1,2-Dichloropropane	1	ug/l	1.0	19
1,3,5-Trimethylbenzene	1	ug/l	1.0	21
1,3-Dichlorobenzene	1	ug/l	1.0	21
1,3-Dichloropropane	1	ug/l	1.0	19
1,4-Dichlorobenzene	1	ug/l	1.0	20
1,4-Dioxane	1	ug/l	50	860
2-Butanone	1	ug/l	1.0	19
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	22
4-Isopropyltoluene	1	ug/l	1.0	21
4-Methyl-2-pentanone	1	ug/l	1.0	19
Acetone	1	ug/l	5.0	91
Acrolein	1	ug/l	5.0	79
Acrylonitrile	1	ug/l	1.0	23
Benzene	1	ug/l	0.50	24
Bromochloromethane	1	ug/l	1.0	20
Bromodichloromethane	1	ug/l	1.0	18
Bromoform	1	ug/l	1.0	19
Bromomethane	1	ug/l	1.0	23
Carbon disulfide	1	ug/l	1.0	21
Carbon tetrachloride	1	ug/l	1.0	23
Chlorobenzene	1	ug/l	1.0	20
Chloroethane	1	ug/l	1.0	22
Chloroform	1	ug/l	1.0	21
Chloromethane	1	ug/l	1.0	24
cis-1,2-Dichloroethene	1	ug/l	1.0	20
cis-1,3-Dichloropropene	1	ug/l	1.0	20
Cyclohexane	1	ug/l	1.0	18
Dibromochloromethane	1	ug/l	1.0	19
Dichlorodifluoromethane	1	ug/l	1.0	23
Ethylbenzene	1	ug/l	1.0	23
Isopropylbenzene	1	ug/l	1.0	21
m&p-Xylenes	1	ug/l	1.0	50
Methyl Acetate	1	ug/l	1.0	24
Methylcyclohexane	1	ug/l	1.0	19
Methylene chloride	1	ug/l	1.0	20
Methyl-t-butyl ether	1	ug/l	0.50	19
n-Butylbenzene	1	ug/l	1.0	20
n-Propylbenzene	1	ug/l	1.0	22
o-Xylene	1	ug/l	1.0	23
sec-Butylbenzene	1	ug/l	1.0	21
Styrene	1	ug/l	1.0	21
t-Butyl Alcohol	1	ug/l	5.0	100
t-Butylbenzene	1	ug/l	1.0	22
Tetrachloroethene	1	ug/l	1.0	22
Toluene	1	ug/l	1.0	22
trans-1,2-Dichloroethene	1	ug/l	1.0	24
trans-1,3-Dichloropropene	1	ug/l	1.0	19
Trichloroethene	1	ug/l	1.0	21
Trichlorofluoromethane	1	ug/l	1.0	25
Vinyl chloride	1	ug/l	1.0	23
Xylenes (Total)	1	ug/l	1	73

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TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	9.9
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	0.49
Alpha-BHC	1	ug/l	0.011	0.50
beta-BHC	1	ug/l	0.011	0.51
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	0.50
Dieldrin	1	ug/l	0.011	0.54
Endosulfan I	1	ug/l	0.011	0.51
Endosulfan II	1	ug/l	0.011	0.54
Endosulfan Sulfate	1	ug/l	0.011	0.51
Endrin	1	ug/l	0.011	0.55
Endrin Aldehyde	1	ug/l	0.011	0.55
Endrin Ketone	1	ug/l	0.011	0.52
gamma-BHC	1	ug/l	0.011	0.51
Heptachlor	1	ug/l	0.011	0.52
Heptachlor Epoxide	1	ug/l	0.011	0.52
Methoxychlor	1	ug/l	0.011	0.53
p,p'-DDD	1	ug/l	0.011	0.51
p,p'-DDE	1	ug/l	0.011	0.52
p,p'-DDT	1	ug/l	0.011	0.53
Toxaphene	1	ug/l	0.27	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.27	11.9
Aroclor-1016	1	ug/l	0.27	5.8
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	6.1
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

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Sample ID: 1-30-185-GP01 (30) MSD

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
1,2,4-Trichlorobenzene	1	ug/l	2.1	89
1,2-Diphenylhydrazine	1	ug/l	2.1	93
2,4,5-Trichlorophenol	1	ug/l	2.1	110
2,4,6-Trichlorophenol	1	ug/l	2.1	110
2,4-Dichlorophenol	1	ug/l	2.1	100
2,4-Dimethylphenol	1	ug/l	2.1	97
2,4-Dinitrophenol	1	ug/l	11	130
2,4-Dinitrotoluene	1	ug/l	2.1	120
2,6-Dinitrotoluene	1	ug/l	2.1	110
2-Chloronaphthalene	1	ug/l	2.1	97
2-Chlorophenol	1	ug/l	2.1	88
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	2.1	86
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	110
3&4-Methylphenol	1	ug/l	2.1	82
3,3'-Dichlorobenzidine	1	ug/l	2.1	120
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	120
4-Bromophenyl-phenylether	1	ug/l	2.1	110
4-Chloro-3-methylphenol	1	ug/l	2.1	110
4-Chloroaniline	1	ug/l	2.1	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	100
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	53
Acenaphthene	1	ug/l	2.1	96
Acenaphthylene	1	ug/l	2.1	95
Acetophenone	1	ug/l	2.1	ND
Aniline	1	ug/l	2.1	60
Anthracene	1	ug/l	2.1	100
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzidine	1	ug/l	11	54
Benzo[a]anthracene	1	ug/l	2.1	98
Benzo[a]pyrene	1	ug/l	2.1	100
Benzo[b]fluoranthene	1	ug/l	2.1	96
Benzo[g,h,i]perylene	1	ug/l	2.1	100
Benzo[k]fluoranthene	1	ug/l	2.1	100
Benzoic acid	1	ug/l	11	47
bis(2-Chloroethoxy)methane	1	ug/l	2.1	95
bis(2-Chloroethyl)ether	1	ug/l	2.1	87
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	87
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	100
Butylbenzylphthalate	1	ug/l	2.1	100
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	98
Dibenzo[a,h]anthracene	1	ug/l	2.1	110
Dibenzofuran	1	ug/l	2.1	ND
Diethylphthalate	1	ug/l	2.1	100
Dimethylphthalate	1	ug/l	2.1	110
Di-n-butylphthalate	1	ug/l	2.1	110
Di-n-octylphthalate	1	ug/l	2.1	96
Fluoranthene	1	ug/l	2.1	110
Fluorene	1	ug/l	2.1	99
Hexachlorobenzene	1	ug/l	2.1	110
Hexachlorobutadiene	1	ug/l	2.1	89
Hexachlorocyclopentadiene	1	ug/l	2.1	87
Hexachloroethane	1	ug/l	2.1	78
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	110
Isophorone	1	ug/l	2.1	91
Naphthalene	1	ug/l	2.1	91
Nitrobenzene	1	ug/l	2.1	97
N-Nitrosodimethylamine	1	ug/l	2.1	73
N-Nitroso-di-n-propylamine	1	ug/l	2.1	97
N-Nitrosodiphenylamine	1	ug/l	2.1	80
Pentachlorophenol	1	ug/l	11	120
Phenanthrene	1	ug/l	2.1	100
Phenol	1	ug/l	2.1	41
Pyrene	1	ug/l	2.1	95

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TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	1	ug/l	180	5200
Antimony	1	ug/l	12	470
Arsenic	1	ug/l	7.5	470
Barium	1	ug/l	50	520
Beryllium	1	ug/l	4.0	460
Cadmium	1	ug/l	3.5	470
Calcium	1	ug/l	2000	54000
Chromium	1	ug/l	50	470
Cobalt	1	ug/l	20	470
Copper	1	ug/l	50	470
Iron	1	ug/l	280	5700
Lead	1	ug/l	4.0	470
Magnesium	1	ug/l	2000	48000
Manganese	1	ug/l	40	570
Nickel	1	ug/l	50	480
Potassium	1	ug/l	5000	48000
Selenium	1	ug/l	40	470
Silver	1	ug/l	20	85
Sodium	1	ug/l	5000	110000
Thallium	1	ug/l	10	490
Vanadium	1	ug/l	50	470
Zinc	1	ug/l	50	600

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TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	20
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	22
1,1,2-Trichloroethane	1	ug/l	1.0	20
1,1-Dichloroethane	1	ug/l	1.0	21
1,1-Dichloroethene	1	ug/l	1.0	20
1,2,3-Trichlorobenzene	1	ug/l	1.0	18
1,2,3-Trichloropropane	1	ug/l	1.0	19
1,2,4-Trichlorobenzene	1	ug/l	1.0	18
1,2,4-Trimethylbenzene	1	ug/l	1.0	21
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	18
1,2-Dibromoethane	1	ug/l	1.0	19
1,2-Dichlorobenzene	1	ug/l	1.0	19
1,2-Dichloroethane	1	ug/l	0.50	23
1,2-Dichloropropane	1	ug/l	1.0	20
1,3,5-Trimethylbenzene	1	ug/l	1.0	21
1,3-Dichlorobenzene	1	ug/l	1.0	20
1,3-Dichloropropane	1	ug/l	1.0	19
1,4-Dichlorobenzene	1	ug/l	1.0	18
1,4-Dioxane	1	ug/l	50	980
2-Butanone	1	ug/l	1.0	18
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	23
4-Isopropyltoluene	1	ug/l	1.0	20
4-Methyl-2-pentanone	1	ug/l	1.0	20
Acetone	1	ug/l	5.0	98
Acrolein	1	ug/l	5.0	73
Acrylonitrile	1	ug/l	1.0	23
Benzene	1	ug/l	0.50	24
Bromochloromethane	1	ug/l	1.0	19
Bromodichloromethane	1	ug/l	1.0	19
Bromoform	1	ug/l	1.0	17
Bromomethane	1	ug/l	1.0	23
Carbon disulfide	1	ug/l	1.0	21
Carbon tetrachloride	1	ug/l	1.0	21
Chlorobenzene	1	ug/l	1.0	20
Chloroethane	1	ug/l	1.0	22
Chloroform	1	ug/l	1.0	22
Chloromethane	1	ug/l	1.0	23
cis-1,2-Dichloroethene	1	ug/l	1.0	20
cis-1,3-Dichloropropene	1	ug/l	1.0	21
Cyclohexane	1	ug/l	1.0	19
Dibromochloromethane	1	ug/l	1.0	18
Dichlorodifluoromethane	1	ug/l	1.0	23
Ethylbenzene	1	ug/l	1.0	22
Isopropylbenzene	1	ug/l	1.0	19
m&p-Xylenes	1	ug/l	1.0	47
Methyl Acetate	1	ug/l	1.0	22
Methylcyclohexane	1	ug/l	1.0	19
Methylene chloride	1	ug/l	1.0	21
Methyl-t-butyl ether	1	ug/l	0.50	20
n-Butylbenzene	1	ug/l	1.0	19
n-Propylbenzene	1	ug/l	1.0	20
o-Xylene	1	ug/l	1.0	23
sec-Butylbenzene	1	ug/l	1.0	20
Styrene	1	ug/l	1.0	20
t-Butyl Alcohol	1	ug/l	5.0	120
t-Butylbenzene	1	ug/l	1.0	21
Tetrachloroethene	1	ug/l	1.0	23
Toluene	1	ug/l	1.0	23
trans-1,2-Dichloroethene	1	ug/l	1.0	24
trans-1,3-Dichloropropene	1	ug/l	1.0	19
Trichloroethene	1	ug/l	1.0	22
Trichlorofluoromethane	1	ug/l	1.0	23
Vinyl chloride	1	ug/l	1.0	23
Xylenes (Total)	1	ug/l	1	70

Lab#: AC45774-011 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP02 (30)

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	ND
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.27	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.27	ND
Aroclor-1016	1	ug/l	0.27	ND
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	ND
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

Lab#: AC45774-011 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP02 (30)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Acetophenone	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC45774-011 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP02 (30)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**1**	**ug/l**	**180**	**510**
Antimony	1	ug/l	12	ND
Arsenic	1	ug/l	7.5	ND
Barium	1	ug/l	50	ND
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	3.5	ND
Calcium	**1**	**ug/l**	**2000**	**4600**
Chromium	1	ug/l	50	ND
Cobalt	1	ug/l	20	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**280**	**1600**
Lead	1	ug/l	4.0	ND
Magnesium	1	ug/l	2000	ND
Manganese	**1**	**ug/l**	**40**	**66**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Selenium	1	ug/l	40	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	ND
Thallium	1	ug/l	10	ND
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**170**

Lab#: AC45774-011 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP02 (30)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	0.50	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	0.50	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**2.9**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-012 Collection Date: 7/15/2009
Sample ID: 1-30-185-GP03 (25)

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	ND
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.27	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.27	ND
Aroclor-1016	1	ug/l	0.27	ND
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	ND
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

Lab#: AC45774-012 Collection Date: 7/15/2009
Sample ID: 1-30-185-GP03 (25)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
1,2,4-Trichlorobenzene	1	ug/l	2.1	ND
1,2-Diphenylhydrazine	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	2.1	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	2.1	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	2.1	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Aniline	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	2.1	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	2.1	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	2.1	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitrosodimethylamine	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.1	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Lab#: AC45774-012 Collection Date: 7/15/2009
Sample ID: 1-30-185-GP03 (25)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**1**	**ug/l**	**180**	**6100**
Antimony	1	ug/l	12	ND
Arsenic	1	ug/l	7.5	ND
Barium	**1**	**ug/l**	**50**	**280**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	3.5	ND
Calcium	**1**	**ug/l**	**2000**	**53000**
Chromium	1	ug/l	50	ND
Cobalt	1	ug/l	20	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**280**	**14000**
Lead	1	ug/l	4.0	ND
Magnesium	**1**	**ug/l**	**2000**	**5900**
Manganese	**1**	**ug/l**	**40**	**1400**
Nickel	**1**	**ug/l**	**50**	**54**
Potassium	**1**	**ug/l**	**5000**	**7700**
Selenium	1	ug/l	40	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**130000**
Thallium	1	ug/l	10	ND
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**600**

Lab#: AC45774-012 Collection Date: 7/15/2009
Sample ID: 1-30-185-GP03 (25)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**2.9**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-013 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP04 (25)

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	ND
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.26	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.26	ND
Aroclor-1016	1	ug/l	0.26	ND
Aroclor-1221	1	ug/l	0.26	ND
Aroclor-1232	1	ug/l	0.26	ND
Aroclor-1242	1	ug/l	0.26	ND
Aroclor-1248	1	ug/l	0.26	ND
Aroclor-1254	1	ug/l	0.26	ND
Aroclor-1260	1	ug/l	0.26	ND
Aroclor-1262	1	ug/l	0.26	ND
Aroclor-1268	1	ug/l	0.26	ND

Lab#: AC45774-013 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP04 (25)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Acetophenone	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC45774-013 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP04 (25)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**1**	**ug/l**	**180**	**260**
Antimony	1	ug/l	12	ND
Arsenic	1	ug/l	7.5	ND
Barium	**1**	**ug/l**	**50**	**210**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	3.5	ND
Calcium	**1**	**ug/l**	**2000**	**55000**
Chromium	1	ug/l	50	ND
Cobalt	**1**	**ug/l**	**20**	**21**
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**280**	**2200**
Lead	1	ug/l	4.0	ND
Magnesium	**1**	**ug/l**	**2000**	**11000**
Manganese	**1**	**ug/l**	**40**	**510**
Nickel	1	ug/l	50	ND
Potassium	**1**	**ug/l**	**5000**	**6800**
Selenium	1	ug/l	40	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**180000**
Thallium	1	ug/l	10	ND
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

Lab#: AC45774-013 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP04 (25)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**1.4**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-014 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP05 (25)

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	ND
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.27	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.27	ND
Aroclor-1016	1	ug/l	0.27	ND
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	ND
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

Lab#: AC45774-014 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP05 (25)

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
1,2,4-Trichlorobenzene	1	ug/l	2.1	ND
1,2-Diphenylhydrazine	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	2.1	ND
2,4-Dimethylphenol	1	ug/l	2.1	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	2.1	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	2.1	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	2.1	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Aniline	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzidine	1	ug/l	10	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
Benzoic acid	1	ug/l	10	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	2.1	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	2.1	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	2.1	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	2.1	ND
Nitrobenzene	1	ug/l	2.1	ND
N-Nitrosodimethylamine	1	ug/l	2.1	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.1	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Lab#: AC45774-014 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP05 (25)

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**1**	**ug/l**	**180**	**430**
Antimony	1	ug/l	12	ND
Arsenic	1	ug/l	7.5	ND
Barium	**1**	**ug/l**	**50**	**110**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	3.5	ND
Calcium	**1**	**ug/l**	**2000**	**20000**
Chromium	1	ug/l	50	ND
Cobalt	1	ug/l	20	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**280**	**3900**
Lead	1	ug/l	4.0	ND
Magnesium	**1**	**ug/l**	**2000**	**4700**
Manganese	**1**	**ug/l**	**40**	**270**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Selenium	1	ug/l	40	ND
Silver	1	ug/l	20	ND
Sodium	**1**	**ug/l**	**5000**	**200000**
Thallium	1	ug/l	10	ND
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

Lab#: AC45774-014 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP05 (25)

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-015 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB-DUP01

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		95
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.088	ND
Organochlorine Pesticides 8081				
Aldrin	1	mg/kg	0.0053	ND
Alpha-BHC	1	mg/kg	0.0011	ND
beta-BHC	1	mg/kg	0.0011	ND
Chlordane	1	mg/kg	0.011	ND
delta-BHC	1	mg/kg	0.0053	ND
Dieldrin	1	mg/kg	0.0011	ND
Endosulfan I	1	mg/kg	0.0053	ND
Endosulfan II	1	mg/kg	0.0053	ND
Endosulfan Sulfate	1	mg/kg	0.0053	ND
Endrin	1	mg/kg	0.0053	ND
Endrin Aldehyde	1	mg/kg	0.0053	ND
Endrin Ketone	1	mg/kg	0.0053	ND
gamma-BHC	1	mg/kg	0.0011	ND
Heptachlor	1	mg/kg	0.0053	ND
Heptachlor Epoxide	1	mg/kg	0.0053	ND
Methoxychlor	1	mg/kg	0.0053	ND
p,p'-DDD	1	mg/kg	0.0026	ND
p,p'-DDE	1	mg/kg	0.0026	ND
p,p'-DDT	1	mg/kg	0.0026	ND
Toxaphene	1	mg/kg	0.026	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Lab#: AC45774-015 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB-DUP01

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	mg/kg	0.070	ND
1,2,4,5-Tetrachlorobenzene	1	mg/kg	0.070	ND
1,2,4-Trichlorobenzene	1	mg/kg	0.070	ND
1,2-Diphenylhydrazine	1	mg/kg	0.070	ND
2,4,5-Trichlorophenol	1	mg/kg	0.070	ND
2,4,6-Trichlorophenol	1	mg/kg	0.070	ND
2,4-Dichlorophenol	1	mg/kg	0.070	ND
2,4-Dimethylphenol	1	mg/kg	0.070	ND
2,4-Dinitrophenol	1	mg/kg	0.35	ND
2,4-Dinitrotoluene	1	mg/kg	0.070	ND
2,6-Dinitrotoluene	1	mg/kg	0.070	ND
2-Chloronaphthalene	1	mg/kg	0.070	ND
2-Chlorophenol	1	mg/kg	0.070	ND
2-Methylnaphthalene	1	mg/kg	0.070	ND
2-Methylphenol	1	mg/kg	0.070	ND
2-Nitroaniline	1	mg/kg	0.070	ND
2-Nitrophenol	1	mg/kg	0.070	ND
3&4-Methylphenol	1	mg/kg	0.070	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.070	ND
3-Nitroaniline	1	mg/kg	0.070	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.35	ND
4-Bromophenyl-phenylether	1	mg/kg	0.070	ND
4-Chloro-3-methylphenol	1	mg/kg	0.070	ND
4-Chloroaniline	1	mg/kg	0.070	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.070	ND
4-Nitroaniline	1	mg/kg	0.070	ND
4-Nitrophenol	1	mg/kg	0.070	ND
Acenaphthene	1	mg/kg	0.070	ND
Acenaphthylene	1	mg/kg	0.070	ND
Acetophenone	1	mg/kg	0.070	ND
Aniline	1	mg/kg	0.070	ND
Anthracene	1	mg/kg	0.070	ND
Atrazine	1	mg/kg	0.070	ND
Benzaldehyde	1	mg/kg	0.070	ND
Benzidine	1	mg/kg	0.35	ND
Benzo[a]anthracene	1	mg/kg	0.070	ND
Benzo[a]pyrene	1	mg/kg	0.070	ND
Benzo[b]fluoranthene	1	mg/kg	0.070	ND
Benzo[g,h,i]perylene	1	mg/kg	0.070	ND
Benzo[k]fluoranthene	1	mg/kg	0.070	ND
Benzoic acid	1	mg/kg	0.35	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.070	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.070	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.070	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.070	ND
Butylbenzylphthalate	1	mg/kg	0.070	ND
Caprolactam	1	mg/kg	0.070	ND
Carbazole	1	mg/kg	0.070	ND
Chrysene	1	mg/kg	0.070	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.070	ND
Dibenzofuran	1	mg/kg	0.070	ND
Diethylphthalate	1	mg/kg	0.070	ND
Dimethylphthalate	1	mg/kg	0.070	ND
Di-n-butylphthalate	1	mg/kg	0.070	ND
Di-n-octylphthalate	1	mg/kg	0.070	ND
Fluoranthene	1	mg/kg	0.070	ND
Fluorene	1	mg/kg	0.070	ND
Hexachlorobenzene	1	mg/kg	0.070	ND
Hexachlorobutadiene	1	mg/kg	0.070	ND
Hexachlorocyclopentadiene	1	mg/kg	0.35	ND
Hexachloroethane	1	mg/kg	0.070	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.070	ND
Isophorone	1	mg/kg	0.070	ND
Naphthalene	1	mg/kg	0.070	ND
Nitrobenzene	1	mg/kg	0.070	ND
N-Nitrosodimethylamine	1	mg/kg	0.070	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.070	ND
N-Nitrosodiphenylamine	1	mg/kg	0.070	ND
Pentachlorophenol	1	mg/kg	0.35	ND
Phenanthrene	1	mg/kg	0.070	ND
Phenol	1	mg/kg	0.070	ND
Pyrene	1	mg/kg	0.070	ND

Lab#: AC45774-015 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB-DUP01

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**1600**
Antimony	100	mg/kg	2.1	ND
Arsenic	100	mg/kg	2.1	ND
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.63	ND
Cadmium	100	mg/kg	0.63	ND
Calcium	100	mg/kg	1100	ND
Chromium	100	mg/kg	5.3	ND
Cobalt	100	mg/kg	2.6	ND
Copper	100	mg/kg	5.3	ND
Iron	**100**	**mg/kg**	**210**	**3400**
Lead	100	mg/kg	7.4	ND
Magnesium	100	mg/kg	530	ND
Manganese	**100**	**mg/kg**	**11**	**36**
Nickel	100	mg/kg	5.3	ND
Potassium	100	mg/kg	530	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	530	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	100	mg/kg	11	ND

Lab#: AC45774-015 Collection Date: 7/14/2009
Sample ID: 1-30-185-SB-DUP01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	0.984	mg/kg	0.0052	ND
1,1,2,2-Tetrachloroethane	0.984	mg/kg	0.0052	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.984	mg/kg	0.0052	ND
1,1,2-Trichloroethane	0.984	mg/kg	0.0052	ND
1,1-Dichloroethane	0.984	mg/kg	0.0052	ND
1,1-Dichloroethene	0.984	mg/kg	0.0052	ND
1,2,3-Trichlorobenzene	0.984	mg/kg	0.0052	ND
1,2,3-Trichloropropane	0.984	mg/kg	0.0052	ND
1,2,4-Trichlorobenzene	0.984	mg/kg	0.0052	ND
1,2,4-Trimethylbenzene	0.984	mg/kg	0.0010	ND
1,2-Dibromo-3-chloropropane	0.984	mg/kg	0.0052	ND
1,2-Dibromoethane	0.984	mg/kg	0.0052	ND
1,2-Dichlorobenzene	0.984	mg/kg	0.0052	ND
1,2-Dichloroethane	0.984	mg/kg	0.0052	ND
1,2-Dichloropropane	0.984	mg/kg	0.0052	ND
1,3,5-Trimethylbenzene	0.984	mg/kg	0.0010	ND
1,3-Dichlorobenzene	0.984	mg/kg	0.0052	ND
1,3-Dichloropropane	0.984	mg/kg	0.0052	ND
1,4-Dichlorobenzene	0.984	mg/kg	0.0052	ND
1,4-Dioxane	0.984	mg/kg	0.26	ND
2-Butanone	0.984	mg/kg	0.0052	ND
2-Chloroethylvinylether	0.984	mg/kg	0.0052	ND
2-Hexanone	0.984	mg/kg	0.0052	ND
4-Isopropyltoluene	0.984	mg/kg	0.0010	ND
4-Methyl-2-pentanone	0.984	mg/kg	0.0052	ND
Acetone	0.984	mg/kg	0.026	ND
Acrolein	0.984	mg/kg	0.026	ND
Acrylonitrile	0.984	mg/kg	0.0052	ND
Benzene	0.984	mg/kg	0.0010	ND
Bromochloromethane	0.984	mg/kg	0.0052	ND
Bromodichloromethane	0.984	mg/kg	0.0052	ND
Bromoform	0.984	mg/kg	0.0052	ND
Bromomethane	0.984	mg/kg	0.0052	ND
Carbon disulfide	0.984	mg/kg	0.0052	ND
Carbon tetrachloride	0.984	mg/kg	0.0052	ND
Chlorobenzene	0.984	mg/kg	0.0052	ND
Chloroethane	0.984	mg/kg	0.0052	ND
Chloroform	0.984	mg/kg	0.0052	ND
Chloromethane	0.984	mg/kg	0.0052	ND
cis-1,2-Dichloroethene	0.984	mg/kg	0.0052	ND
cis-1,3-Dichloropropene	0.984	mg/kg	0.0052	ND
Cyclohexane	0.984	mg/kg	0.0052	ND
Dibromochloromethane	0.984	mg/kg	0.0052	ND
Dichlorodifluoromethane	0.984	mg/kg	0.0052	ND
Ethylbenzene	0.984	mg/kg	0.0010	ND
Isopropylbenzene	0.984	mg/kg	0.0010	ND
m&p-Xylenes	0.984	mg/kg	0.0010	ND
Methyl Acetate	0.984	mg/kg	0.0052	ND
Methylcyclohexane	0.984	mg/kg	0.0052	ND
Methylene chloride	0.984	mg/kg	0.0052	ND
Methyl-t-butyl ether	0.984	mg/kg	0.0010	ND
n-Butylbenzene	0.984	mg/kg	0.0010	ND
n-Propylbenzene	0.984	mg/kg	0.0010	ND
o-Xylene	0.984	mg/kg	0.0010	ND
sec-Butylbenzene	0.984	mg/kg	0.0010	ND
Styrene	0.984	mg/kg	0.0052	ND
t-Butyl Alcohol	0.984	mg/kg	0.026	ND
t-Butylbenzene	0.984	mg/kg	0.0010	ND
Tetrachloroethene	0.984	mg/kg	0.0052	ND
Toluene	0.984	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.984	mg/kg	0.0052	ND
trans-1,3-Dichloropropene	0.984	mg/kg	0.0052	ND
Trichloroethene	0.984	mg/kg	0.0052	ND
Trichlorofluoromethane	0.984	mg/kg	0.0052	ND
Vinyl chloride	0.984	mg/kg	0.0052	ND
Xylenes (Total)	0.984	mg/kg	0.001	ND

Lab#: AC45774-016 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP-DUP01

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	ND
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.26	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.26	ND
Aroclor-1016	1	ug/l	0.26	ND
Aroclor-1221	1	ug/l	0.26	ND
Aroclor-1232	1	ug/l	0.26	ND
Aroclor-1242	1	ug/l	0.26	ND
Aroclor-1248	1	ug/l	0.26	ND
Aroclor-1254	1	ug/l	0.26	ND
Aroclor-1260	1	ug/l	0.26	ND
Aroclor-1262	1	ug/l	0.26	ND
Aroclor-1268	1	ug/l	0.26	ND

Lab#: AC45774-016 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP-DUP01

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
1,2,4-Trichlorobenzene	1	ug/l	2.2	ND
1,2-Diphenylhydrazine	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	2.2	ND
2,4-Dimethylphenol	1	ug/l	2.2	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	2.2	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	2.2	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Acetophenone	1	ug/l	2.2	ND
Aniline	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzidine	1	ug/l	11	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
Benzoic acid	1	ug/l	11	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	2.2	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	2.2	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	2.2	ND
N-Nitrosodimethylamine	1	ug/l	2.2	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.2	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Lab#: AC45774-016 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP-DUP01

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	**1**	**ug/l**	**180**	**20000**
Antimony	1	ug/l	12	ND
Arsenic	**1**	**ug/l**	**7.5**	**11**
Barium	**1**	**ug/l**	**50**	**64**
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	3.5	ND
Calcium	**1**	**ug/l**	**2000**	**5000**
Chromium	1	ug/l	50	ND
Cobalt	1	ug/l	20	ND
Copper	1	ug/l	50	ND
Iron	**1**	**ug/l**	**280**	**40000**
Lead	**1**	**ug/l**	**4.0**	**13**
Magnesium	1	ug/l	2000	ND
Manganese	**1**	**ug/l**	**40**	**230**
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Selenium	1	ug/l	40	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	ND
Thallium	1	ug/l	10	ND
Vanadium	1	ug/l	50	ND
Zinc	**1**	**ug/l**	**50**	**250**

Lab#: AC45774-016 Collection Date: 7/14/2009
Sample ID: 1-30-185-GP-DUP01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**3.4**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	**1**	**ug/l**	**1.0**	**1.1**
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-017 Collection Date: 7/14/2009
Sample ID: 1-30-185-Rinsate 01

TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.70	ND
Organochlorine Pesticides 8081				
Aldrin	1	ug/l	0.011	ND
Alpha-BHC	1	ug/l	0.011	ND
beta-BHC	1	ug/l	0.011	ND
Chlordane	1	ug/l	0.11	ND
delta-BHC	1	ug/l	0.011	ND
Dieldrin	1	ug/l	0.011	ND
Endosulfan I	1	ug/l	0.011	ND
Endosulfan II	1	ug/l	0.011	ND
Endosulfan Sulfate	1	ug/l	0.011	ND
Endrin	1	ug/l	0.011	ND
Endrin Aldehyde	1	ug/l	0.011	ND
Endrin Ketone	1	ug/l	0.011	ND
gamma-BHC	1	ug/l	0.011	ND
Heptachlor	1	ug/l	0.011	ND
Heptachlor Epoxide	1	ug/l	0.011	ND
Methoxychlor	1	ug/l	0.011	ND
p,p'-DDD	1	ug/l	0.011	ND
p,p'-DDE	1	ug/l	0.011	ND
p,p'-DDT	1	ug/l	0.011	ND
Toxaphene	1	ug/l	0.27	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.27	ND
Aroclor-1016	1	ug/l	0.27	ND
Aroclor-1221	1	ug/l	0.27	ND
Aroclor-1232	1	ug/l	0.27	ND
Aroclor-1242	1	ug/l	0.27	ND
Aroclor-1248	1	ug/l	0.27	ND
Aroclor-1254	1	ug/l	0.27	ND
Aroclor-1260	1	ug/l	0.27	ND
Aroclor-1262	1	ug/l	0.27	ND
Aroclor-1268	1	ug/l	0.27	ND

Lab#: AC45774-017 Collection Date: 7/14/2009
Sample ID: 1-30-185-Rinsate 01

TestGroup/Analyte	DF	Units	RL	Result
Semivolatile Organics (no search) 8270				
1,1'-Biphenyl	1	ug/l	2.0	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.0	ND
1,2,4-Trichlorobenzene	1	ug/l	2.0	ND
1,2-Diphenylhydrazine	1	ug/l	2.0	ND
2,4,5-Trichlorophenol	1	ug/l	2.0	ND
2,4,6-Trichlorophenol	1	ug/l	2.0	ND
2,4-Dichlorophenol	1	ug/l	2.0	ND
2,4-Dimethylphenol	1	ug/l	2.0	ND
2,4-Dinitrophenol	1	ug/l	10	ND
2,4-Dinitrotoluene	1	ug/l	2.0	ND
2,6-Dinitrotoluene	1	ug/l	2.0	ND
2-Chloronaphthalene	1	ug/l	2.0	ND
2-Chlorophenol	1	ug/l	2.0	ND
2-Methylnaphthalene	1	ug/l	2.0	ND
2-Methylphenol	1	ug/l	2.0	ND
2-Nitroaniline	1	ug/l	2.0	ND
2-Nitrophenol	1	ug/l	2.0	ND
3&4-Methylphenol	1	ug/l	2.0	ND
3,3'-Dichlorobenzidine	1	ug/l	2.0	ND
3-Nitroaniline	1	ug/l	2.0	ND
4,6-Dinitro-2-methylphenol	1	ug/l	10	ND
4-Bromophenyl-phenylether	1	ug/l	2.0	ND
4-Chloro-3-methylphenol	1	ug/l	2.0	ND
4-Chloroaniline	1	ug/l	2.0	ND
4-Chlorophenyl-phenylether	1	ug/l	2.0	ND
4-Nitroaniline	1	ug/l	2.0	ND
4-Nitrophenol	1	ug/l	2.0	ND
Acenaphthene	1	ug/l	2.0	ND
Acenaphthylene	1	ug/l	2.0	ND
Acetophenone	1	ug/l	2.0	ND
Aniline	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Atrazine	1	ug/l	2.0	ND
Benzaldehyde	1	ug/l	2.0	ND
Benzidine	1	ug/l	10	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
Benzoic acid	1	ug/l	10	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.0	ND
bis(2-Chloroethyl)ether	1	ug/l	2.0	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.0	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.0	ND
Butylbenzylphthalate	1	ug/l	2.0	ND
Caprolactam	1	ug/l	2.0	ND
Carbazole	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Dibenzofuran	1	ug/l	2.0	ND
Diethylphthalate	1	ug/l	2.0	ND
Dimethylphthalate	1	ug/l	2.0	ND
Di-n-butylphthalate	1	ug/l	2.0	ND
Di-n-octylphthalate	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Hexachlorobenzene	1	ug/l	2.0	ND
Hexachlorobutadiene	1	ug/l	2.0	ND
Hexachlorocyclopentadiene	1	ug/l	2.0	ND
Hexachloroethane	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Isophorone	1	ug/l	2.0	ND
Naphthalene	1	ug/l	2.0	ND
Nitrobenzene	1	ug/l	2.0	ND
N-Nitrosodimethylamine	1	ug/l	2.0	ND
N-Nitroso-di-n-propylamine	1	ug/l	2.0	ND
N-Nitrosodiphenylamine	1	ug/l	2.0	ND
Pentachlorophenol	1	ug/l	10	ND
Phenanthrene	1	ug/l	2.0	ND
Phenol	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

Lab#: AC45774-017 Collection Date: 7/14/2009
Sample ID: 1-30-185-Rinsate 01

TestGroup/Analyte	DF	Units	RL	Result
TAL Metals 6010				
Aluminum	1	ug/l	180	ND
Antimony	1	ug/l	12	ND
Arsenic	1	ug/l	7.5	ND
Barium	1	ug/l	50	ND
Beryllium	1	ug/l	4.0	ND
Cadmium	1	ug/l	3.5	ND
Calcium	1	ug/l	2000	ND
Chromium	1	ug/l	50	ND
Cobalt	1	ug/l	20	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	280	ND
Lead	**1**	**ug/l**	**4.0**	**7.5**
Magnesium	1	ug/l	2000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Selenium	1	ug/l	40	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	ND
Thallium	1	ug/l	10	ND
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

Lab#: AC45774-017 Collection Date: 7/14/2009
Sample ID: 1-30-185-Rinsate 01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-018 Collection Date: 7/15/2009 Sample ID: 1-30-185-GP05 (100)				
TestGroup/Analyte	**DF**	**Units**	**RL**	**Result**
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-019 Collection Date: 7/15/2009 Sample ID: 1-30-185-GP05 (85)				
TestGroup/Analyte	**DF**	**Units**	**RL**	**Result**
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-020 Collection Date: 7/15/2009 Sample ID: 1-30-185-GP05 (70)				
TestGroup/Analyte	**DF**	**Units**	**RL**	**Result**
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	**1**	**ug/l**	**5.0**	**26**
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-021 Collection Date: 7/15/2009 Sample ID: 1-30-185-GP05 (55)				
TestGroup/Analyte	**DF**	**Units**	**RL**	**Result**
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	**1**	**ug/l**	**5.0**	**26**
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-022 Collection Date: 7/15/2009 Sample ID: 1-30-185-GP05 (40)				
TestGroup/Analyte	**DF**	**Units**	**RL**	**Result**
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	**1**	**ug/l**	**5.0**	**21**
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Lab#: AC45774-023 Collection Date: 7/7/2009 Sample ID: 1-30-185-Trip Blank				
TestGroup/Analyte	**DF**	**Units**	**RL**	**Result**
Volatile Organics (no search) 8260				
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Acrolein	1	ug/l	5.0	ND
Acrylonitrile	1	ug/l	1.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-001
Client Id: 1-30-185-SB01 (15-20)
Data File: 1M47049.D
Analysis Date: 07/16/09 11:37
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.1g
Final Vol: NA
Dilution: 0.980
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	U	75-15-0	Carbon Disulfide	0.0051	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	U	56-23-5	Carbon Tetrachloride	0.0051	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0051	U	108-90-7	Chlorobenzene	0.0051	U
79-00-5	1,1,2-Trichloroethane	0.0051	U	75-00-3	Chloroethane	0.0051	U
75-34-3	1,1-Dichloroethane	0.0051	U	67-66-3	Chloroform	0.0051	U
75-35-4	1,1-Dichloroethene	0.0051	U	74-87-3	Chloromethane	0.0051	U
87-61-6	1,2,3-Trichlorobenzene	0.0051	U	156-59-2	cis-1,2-Dichloroethene	0.0051	U
96-18-4	1,2,3-Trichloropropane	0.0051	U	10061-01-5	cis-1,3-Dichloropropene	0.0051	U
120-82-1	1,2,4-Trichlorobenzene	0.0051	U	110-82-7	Cyclohexane	0.0051	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0051	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0051	U	75-71-8	Dichlorodifluoromethane	0.0051	U
106-93-4	1,2-Dibromoethane	0.0051	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0051	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0051	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0051	U	79-20-9	Methyl Acetate	0.0051	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0051	U
541-73-1	1,3-Dichlorobenzene	0.0051	U	75-09-2	Methylene Chloride	0.0051	U
142-28-9	1,3-Dichloropropane	0.0051	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0051	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.26	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0051	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0051	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0051	U	100-42-5	Styrene	0.0051	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.026	U
108-10-1	4-Methyl-2-Pentanone	0.0051	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.026	U	127-18-4	Tetrachloroethene	0.0051	U
107-02-8	Acrolein	0.026	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0051	U	156-60-5	trans-1,2-Dichloroethene	0.0051	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0051	U
74-97-5	Bromochloromethane	0.0051	U	79-01-6	Trichloroethene	0.0051	U
75-27-4	Bromodichloromethane	0.0051	U	75-69-4	Trichlorofluoromethane	0.0051	U
75-25-2	Bromoform	0.0051	U	75-01-4	Vinyl Chloride	0.0051	U
74-83-9	Bromomethane	0.0051	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-002
Client Id: 1-30-185-SB02 (15-20)
Data File: 1M47050.D
Analysis Date: 07/16/09 11:54
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.05g
Final Vol: NA
Dilution: 0.990
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0053	U	75-15-0	Carbon Disulfide	0.0053	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0053	U	56-23-5	Carbon Tetrachloride	0.0053	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0053	U	108-90-7	Chlorobenzene	0.0053	U
79-00-5	1,1,2-Trichloroethane	0.0053	U	75-00-3	Chloroethane	0.0053	U
75-34-3	1,1-Dichloroethane	0.0053	U	67-66-3	Chloroform	0.0053	U
75-35-4	1,1-Dichloroethene	0.0053	U	74-87-3	Chloromethane	0.0053	U
87-61-6	1,2,3-Trichlorobenzene	0.0053	U	156-59-2	cis-1,2-Dichloroethene	0.0053	U
96-18-4	1,2,3-Trichloropropane	0.0053	U	10061-01-5	cis-1,3-Dichloropropene	0.0053	U
120-82-1	1,2,4-Trichlorobenzene	0.0053	U	110-82-7	Cyclohexane	0.0053	U
95-63-6	**1,2,4-Trimethylbenzene**	**0.0011**	**0.0012**	124-48-1	Dibromochloromethane	0.0053	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0053	U	75-71-8	Dichlorodifluoromethane	0.0053	U
106-93-4	1,2-Dibromoethane	0.0053	U	100-41-4	Ethylbenzene	0.0011	U
95-50-1	1,2-Dichlorobenzene	0.0053	U	98-82-8	Isopropylbenzene	0.0011	U
107-06-2	1,2-Dichloroethane	0.0053	U	136777612	m&p-Xylenes	0.0011	U
78-87-5	1,2-Dichloropropane	0.0053	U	79-20-9	Methyl Acetate	0.0053	U
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	108-87-2	Methylcyclohexane	0.0053	U
541-73-1	1,3-Dichlorobenzene	0.0053	U	75-09-2	Methylene Chloride	0.0053	U
142-28-9	1,3-Dichloropropane	0.0053	U	1634-04-4	Methyl-t-butyl ether	0.0011	U
106-46-7	1,4-Dichlorobenzene	0.0053	U	104-51-8	n-Butylbenzene	0.0011	U
123-91-1	1,4-Dioxane	0.27	U	103-65-1	n-Propylbenzene	0.0011	U
78-93-3	2-Butanone	0.0053	U	95-47-6	o-Xylene	0.0011	U
110-75-8	2-Chloroethylvinylether	0.0053	U	135-98-8	sec-Butylbenzene	0.0011	U
591-78-6	2-Hexanone	0.0053	U	100-42-5	Styrene	0.0053	U
99-87-6	**4-Isopropyltoluene**	**0.0011**	**0.012**	75-65-0	t-Butyl Alcohol	0.027	U
108-10-1	4-Methyl-2-Pentanone	0.0053	U	98-06-6	t-Butylbenzene	0.0011	U
67-64-1	Acetone	0.027	U	**127-18-4**	**Tetrachloroethene**	**0.0053**	**0.21**
107-02-8	Acrolein	0.027	U	108-88-3	Toluene	0.0011	U
107-13-1	Acrylonitrile	0.0053	U	156-60-5	trans-1,2-Dichloroethene	0.0053	U
71-43-2	Benzene	0.0011	U	10061-02-6	trans-1,3-Dichloropropene	0.0053	U
74-97-5	Bromochloromethane	0.0053	U	79-01-6	Trichloroethene	0.0053	U
75-27-4	Bromodichloromethane	0.0053	U	75-69-4	Trichlorofluoromethane	0.0053	U
75-25-2	Bromoform	0.0053	U	75-01-4	Vinyl Chloride	0.0053	U
74-83-9	Bromomethane	0.0053	U	1330-20-7	Xylenes (Total)	0.0011	U

Worksheet #: 124452

Total Target Concentration 0.22

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-003
Client Id: 1-30-185-SB03 (5-10)
Data File: 1M47052.D
Analysis Date: 07/16/09 12:28
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	U	75-15-0	Carbon Disulfide	0.0051	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	U	56-23-5	Carbon Tetrachloride	0.0051	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0051	U	108-90-7	Chlorobenzene	0.0051	U
79-00-5	1,1,2-Trichloroethane	0.0051	U	75-00-3	Chloroethane	0.0051	U
75-34-3	1,1-Dichloroethane	0.0051	U	67-66-3	Chloroform	0.0051	U
75-35-4	1,1-Dichloroethene	0.0051	U	74-87-3	Chloromethane	0.0051	U
87-61-6	1,2,3-Trichlorobenzene	0.0051	U	156-59-2	cis-1,2-Dichloroethene	0.0051	U
96-18-4	1,2,3-Trichloropropane	0.0051	U	10061-01-5	cis-1,3-Dichloropropene	0.0051	U
120-82-1	1,2,4-Trichlorobenzene	0.0051	U	110-82-7	Cyclohexane	0.0051	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0051	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0051	U	75-71-8	Dichlorodifluoromethane	0.0051	U
106-93-4	1,2-Dibromoethane	0.0051	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0051	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0051	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0051	U	79-20-9	Methyl Acetate	0.0051	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0051	U
541-73-1	1,3-Dichlorobenzene	0.0051	U	75-09-2	Methylene Chloride	0.0051	U
142-28-9	1,3-Dichloropropane	0.0051	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0051	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0051	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0051	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0051	U	100-42-5	Styrene	0.0051	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0051	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0051	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0051	U	156-60-5	trans-1,2-Dichloroethene	0.0051	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0051	U
74-97-5	Bromochloromethane	0.0051	U	79-01-6	Trichloroethene	0.0051	U
75-27-4	Bromodichloromethane	0.0051	U	75-69-4	Trichlorofluoromethane	0.0051	U
75-25-2	Bromoform	0.0051	U	75-01-4	Vinyl Chloride	0.0051	U
74-83-9	Bromomethane	0.0051	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-004
Client Id: 1-30-185-SB04 (10-15)
Data File: 1M47053.D
Analysis Date: 07/16/09 12:46
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.06g
Final Vol: NA
Dilution: 0.988
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	U	75-15-0	Carbon Disulfide	0.0051	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	U	56-23-5	Carbon Tetrachloride	0.0051	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0051	U	108-90-7	Chlorobenzene	0.0051	U
79-00-5	1,1,2-Trichloroethane	0.0051	U	75-00-3	Chloroethane	0.0051	U
75-34-3	1,1-Dichloroethane	0.0051	U	67-66-3	Chloroform	0.0051	U
75-35-4	1,1-Dichloroethene	0.0051	U	74-87-3	Chloromethane	0.0051	U
87-61-6	1,2,3-Trichlorobenzene	0.0051	U	156-59-2	cis-1,2-Dichloroethene	0.0051	U
96-18-4	1,2,3-Trichloropropane	0.0051	U	10061-01-5	cis-1,3-Dichloropropene	0.0051	U
120-82-1	1,2,4-Trichlorobenzene	0.0051	U	110-82-7	Cyclohexane	0.0051	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0051	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0051	U	75-71-8	Dichlorodifluoromethane	0.0051	U
106-93-4	1,2-Dibromoethane	0.0051	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0051	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0051	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0051	U	79-20-9	Methyl Acetate	0.0051	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0051	U
541-73-1	1,3-Dichlorobenzene	0.0051	U	75-09-2	Methylene Chloride	0.0051	U
142-28-9	1,3-Dichloropropane	0.0051	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0051	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0051	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0051	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0051	U	100-42-5	Styrene	0.0051	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0051	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0051	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0051	U	156-60-5	trans-1,2-Dichloroethene	0.0051	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0051	U
74-97-5	Bromochloromethane	0.0051	U	79-01-6	Trichloroethene	0.0051	U
75-27-4	Bromodichloromethane	0.0051	U	75-69-4	Trichlorofluoromethane	0.0051	U
75-25-2	Bromoform	0.0051	U	75-01-4	Vinyl Chloride	0.0051	U
74-83-9	Bromomethane	0.0051	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-005
Client Id: 1-30-185-SB05 (15-20)
Data File: 1M47054.D
Analysis Date: 07/16/09 13:03
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.01g
Final Vol: NA
Dilution: 0.998
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	U	75-15-0	Carbon Disulfide	0.0051	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	U	56-23-5	Carbon Tetrachloride	0.0051	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0051	U	108-90-7	Chlorobenzene	0.0051	U
79-00-5	1,1,2-Trichloroethane	0.0051	U	75-00-3	Chloroethane	0.0051	U
75-34-3	1,1-Dichloroethane	0.0051	U	67-66-3	Chloroform	0.0051	U
75-35-4	1,1-Dichloroethene	0.0051	U	74-87-3	Chloromethane	0.0051	U
87-61-6	1,2,3-Trichlorobenzene	0.0051	U	156-59-2	cis-1,2-Dichloroethene	0.0051	U
96-18-4	1,2,3-Trichloropropane	0.0051	U	10061-01-5	cis-1,3-Dichloropropene	0.0051	U
120-82-1	1,2,4-Trichlorobenzene	0.0051	U	110-82-7	Cyclohexane	0.0051	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0051	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0051	U	75-71-8	Dichlorodifluoromethane	0.0051	U
106-93-4	1,2-Dibromoethane	0.0051	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0051	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0051	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0051	U	79-20-9	Methyl Acetate	0.0051	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0051	U
541-73-1	1,3-Dichlorobenzene	0.0051	U	75-09-2	Methylene Chloride	0.0051	U
142-28-9	1,3-Dichloropropane	0.0051	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0051	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.26	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0051	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0051	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0051	U	100-42-5	Styrene	0.0051	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.026	U
108-10-1	4-Methyl-2-Pentanone	0.0051	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.026	U	127-18-4	Tetrachloroethene	0.0051	U
107-02-8	Acrolein	0.026	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0051	U	156-60-5	trans-1,2-Dichloroethene	0.0051	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0051	U
74-97-5	Bromochloromethane	0.0051	U	79-01-6	Trichloroethene	0.0051	U
75-27-4	Bromodichloromethane	0.0051	U	75-69-4	Trichlorofluoromethane	0.0051	U
75-25-2	Bromoform	0.0051	U	75-01-4	Vinyl Chloride	0.0051	U
74-83-9	Bromomethane	0.0051	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-006(MS:AC45
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 1M47055.D
Analysis Date: 07/16/09 13:20
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.06g
Final Vol: NA
Dilution: 0.988
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	0.047	75-15-0	Carbon Disulfide	0.0051	0.043
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	0.046	56-23-5	Carbon Tetrachloride	0.0051	0.049
76-13-1	1,1,2-Trichloro-1,2,2-triflu	0.0051	0.093	108-90-7	Chlorobenzene	0.0051	0.045
79-00-5	1,1,2-Trichloroethane	0.0051	0.042	75-00-3	Chloroethane	0.0051	0.046
75-34-3	1,1-Dichloroethane	0.0051	0.045	67-66-3	Chloroform	0.0051	0.045
75-35-4	1,1-Dichloroethene	0.0051	0.040	74-87-3	Chloromethane	0.0051	0.048
87-61-6	1,2,3-Trichlorobenzene	0.0051	0.036	156-59-2	cis-1,2-Dichloroethene	0.0051	0.046
96-18-4	1,2,3-Trichloropropane	0.0051	0.044	10061-01-5	cis-1,3-Dichloropropene	0.0051	0.044
120-82-1	1,2,4-Trichlorobenzene	0.0051	0.039	110-82-7	Cyclohexane	0.0051	0.042
95-63-6	1,2,4-Trimethylbenzene	0.0010	0.045	124-48-1	Dibromochloromethane	0.0051	0.043
96-12-8	1,2-Dibromo-3-Chloroprop	0.0051	0.041	75-71-8	Dichlorodifluoromethane	0.0051	0.040
106-93-4	1,2-Dibromoethane	0.0051	0.042	100-41-4	Ethylbenzene	0.0010	0.045
95-50-1	1,2-Dichlorobenzene	0.0051	0.043	98-82-8	Isopropylbenzene	0.0010	0.042
107-06-2	1,2-Dichloroethane	0.0051	0.048	136777612	m&p-Xylenes	0.0010	0.087
78-87-5	1,2-Dichloropropane	0.0051	0.045	79-20-9	Methyl Acetate	0.0051	0.050
108-67-8	1,3,5-Trimethylbenzene	0.0010	0.042	108-87-2	Methylcyclohexane	0.0051	0.046
541-73-1	1,3-Dichlorobenzene	0.0051	0.043	75-09-2	Methylene Chloride	0.0051	0.045
142-28-9	1,3-Dichloropropane	0.0051	0.045	1634-04-4	Methyl-t-butyl ether	0.0010	0.042
106-46-7	1,4-Dichlorobenzene	0.0051	0.041	104-51-8	n-Butylbenzene	0.0010	0.042
123-91-1	1,4-Dioxane	0.25	2.1	103-65-1	n-Propylbenzene	0.0010	0.044
78-93-3	2-Butanone	0.0051	0.041	95-47-6	o-Xylene	0.0010	0.043
110-75-8	2-Chloroethylvinylether	0.0051	0.038	135-98-8	sec-Butylbenzene	0.0010	0.042
591-78-6	2-Hexanone	0.0051	0.042	100-42-5	Styrene	0.0051	0.045
99-87-6	4-Isopropyltoluene	0.0010	0.044	75-65-0	t-Butyl Alcohol	0.025	0.24
108-10-1	4-Methyl-2-Pentanone	0.0051	0.045	98-06-6	t-Butylbenzene	0.0010	0.044
67-64-1	Acetone	0.025	0.24	127-18-4	Tetrachloroethene	0.0051	0.042
107-02-8	Acrolein	0.025	0.14	108-88-3	Toluene	0.0010	0.042
107-13-1	Acrylonitrile	0.0051	0.038	156-60-5	trans-1,2-Dichloroethene	0.0051	0.047
71-43-2	Benzene	0.0010	0.047	10061-02-6	trans-1,3-Dichloropropene	0.0051	0.045
74-97-5	Bromochloromethane	0.0051	0.043	79-01-6	Trichloroethene	0.0051	0.045
75-27-4	Bromodichloromethane	0.0051	0.044	75-69-4	Trichlorofluoromethane	0.0051	0.042
75-25-2	Bromoform	0.0051	0.042	75-01-4	Vinyl Chloride	0.0051	0.050
74-83-9	Bromomethane	0.0051	0.044	1330-20-7	Xylenes (Total)	0.001	0.13

Worksheet #: 124378

Total Target Concentration 5.5

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-007(MSD:AC
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 1M47056.D
Analysis Date: 07/16/09 13:37
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.01g
Final Vol: NA
Dilution: 0.998
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0053	0.055	75-15-0	Carbon Disulfide	0.0053	0.049
79-34-5	1,1,2,2-Tetrachloroethane	0.0053	0.048	56-23-5	Carbon Tetrachloride	0.0053	0.057
76-13-1	1,1,2-Trichloro-1,2,2-triflu	0.0053	0.090	108-90-7	Chlorobenzene	0.0053	0.052
79-00-5	1,1,2-Trichloroethane	0.0053	0.049	75-00-3	Chloroethane	0.0053	0.050
75-34-3	1,1-Dichloroethane	0.0053	0.051	67-66-3	Chloroform	0.0053	0.052
75-35-4	1,1-Dichloroethene	0.0053	0.045	74-87-3	Chloromethane	0.0053	0.055
87-61-6	1,2,3-Trichlorobenzene	0.0053	0.043	156-59-2	cis-1,2-Dichloroethene	0.0053	0.051
96-18-4	1,2,3-Trichloropropane	0.0053	0.049	10061-01-5	cis-1,3-Dichloropropene	0.0053	0.049
120-82-1	1,2,4-Trichlorobenzene	0.0053	0.045	110-82-7	Cyclohexane	0.0053	0.049
95-63-6	1,2,4-Trimethylbenzene	0.0011	0.051	124-48-1	Dibromochloromethane	0.0053	0.048
96-12-8	1,2-Dibromo-3-Chloroprop	0.0053	0.046	75-71-8	Dichlorodifluoromethane	0.0053	0.043
106-93-4	1,2-Dibromoethane	0.0053	0.046	100-41-4	Ethylbenzene	0.0011	0.049
95-50-1	1,2-Dichlorobenzene	0.0053	0.047	98-82-8	Isopropylbenzene	0.0011	0.049
107-06-2	1,2-Dichloroethane	0.0053	0.053	136777612	m&p-Xylenes	0.0011	0.096
78-87-5	1,2-Dichloropropane	0.0053	0.052	79-20-9	Methyl Acetate	0.0053	0.055
108-67-8	1,3,5-Trimethylbenzene	0.0011	0.051	108-87-2	Methylcyclohexane	0.0053	0.054
541-73-1	1,3-Dichlorobenzene	0.0053	0.049	75-09-2	Methylene Chloride	0.0053	0.050
142-28-9	1,3-Dichloropropane	0.0053	0.051	1634-04-4	Methyl-t-butyl ether	0.0011	0.047
106-46-7	1,4-Dichlorobenzene	0.0053	0.048	104-51-8	n-Butylbenzene	0.0011	0.049
123-91-1	1,4-Dioxane	0.27	2.4	103-65-1	n-Propylbenzene	0.0011	0.049
78-93-3	2-Butanone	0.0053	0.047	95-47-6	o-Xylene	0.0011	0.049
110-75-8	2-Chloroethylvinylether	0.0053	0.045	135-98-8	sec-Butylbenzene	0.0011	0.049
591-78-6	2-Hexanone	0.0053	0.049	100-42-5	Styrene	0.0053	0.050
99-87-6	4-Isopropyltoluene	0.0011	0.051	75-65-0	t-Butyl Alcohol	0.027	0.27
108-10-1	4-Methyl-2-Pentanone	0.0053	0.046	98-06-6	t-Butylbenzene	0.0011	0.051
67-64-1	Acetone	0.027	0.27	127-18-4	Tetrachloroethene	0.0053	0.049
107-02-8	Acrolein	0.027	0.17	108-88-3	Toluene	0.0011	0.048
107-13-1	Acrylonitrile	0.0053	0.044	156-60-5	trans-1,2-Dichloroethene	0.0053	0.052
71-43-2	Benzene	0.0011	0.053	10061-02-6	trans-1,3-Dichloropropene	0.0053	0.049
74-97-5	Bromochloromethane	0.0053	0.050	79-01-6	Trichloroethene	0.0053	0.051
75-27-4	Bromodichloromethane	0.0053	0.049	75-69-4	Trichlorofluoromethane	0.0053	0.049
75-25-2	Bromoform	0.0053	0.046	75-01-4	Vinyl Chloride	0.0053	0.057
74-83-9	Bromomethane	0.0053	0.049	1330-20-7	Xylenes (Total)	0.0011	0.145

Worksheet #: 124378

Total Target Concentration 6.2

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-008
Client Id: 1-30-185-GP01 (30)
Data File: 8M39751.D
Analysis Date: 07/17/09 08:39
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-009(MS:AC45
Client Id: 1-30-185-GP01(30) MS
Data File: 8M39714.D
Analysis Date: 07/16/09 15:52
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	22	75-15-0	Carbon Disulfide	1.0	21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	20	56-23-5	Carbon Tetrachloride	1.0	23
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	21	108-90-7	Chlorobenzene	1.0	20
79-00-5	1,1,2-Trichloroethane	1.0	19	75-00-3	Chloroethane	1.0	22
75-34-3	1,1-Dichloroethane	1.0	21	67-66-3	Chloroform	1.0	21
75-35-4	1,1-Dichloroethene	1.0	20	74-87-3	Chloromethane	1.0	24
87-61-6	1,2,3-Trichlorobenzene	1.0	17	156-59-2	cis-1,2-Dichloroethene	1.0	20
96-18-4	1,2,3-Trichloropropane	1.0	19	10061-01-5	cis-1,3-Dichloropropene	1.0	20
120-82-1	1,2,4-Trichlorobenzene	1.0	20	110-82-7	Cyclohexane	1.0	18
95-63-6	1,2,4-Trimethylbenzene	1.0	21	124-48-1	Dibromochloromethane	1.0	19
96-12-8	1,2-Dibromo-3-Chloroprop	1.0	17	75-71-8	Dichlorodifluoromethane	1.0	23
106-93-4	1,2-Dibromoethane	1.0	18	100-41-4	Ethylbenzene	1.0	23
95-50-1	1,2-Dichlorobenzene	1.0	21	98-82-8	Isopropylbenzene	1.0	21
107-06-2	1,2-Dichloroethane	0.50	22	136777612	m&p-Xylenes	1.0	50
78-87-5	1,2-Dichloropropane	1.0	19	79-20-9	Methyl Acetate	1.0	24
108-67-8	1,3,5-Trimethylbenzene	1.0	21	108-87-2	Methylcyclohexane	1.0	19
541-73-1	1,3-Dichlorobenzene	1.0	21	75-09-2	Methylene Chloride	1.0	20
142-28-9	1,3-Dichloropropane	1.0	19	1634-04-4	Methyl-t-butyl ether	0.50	19
106-46-7	1,4-Dichlorobenzene	1.0	20	104-51-8	n-Butylbenzene	1.0	20
123-91-1	1,4-Dioxane	50	860	103-65-1	n-Propylbenzene	1.0	22
78-93-3	2-Butanone	1.0	19	95-47-6	o-Xylene	1.0	23
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	21
591-78-6	2-Hexanone	1.0	22	100-42-5	Styrene	1.0	21
99-87-6	4-Isopropyltoluene	1.0	21	75-65-0	t-Butyl Alcohol	5.0	100
108-10-1	4-Methyl-2-Pentanone	1.0	19	98-06-6	t-Butylbenzene	1.0	22
67-64-1	Acetone	5.0	91	127-18-4	Tetrachloroethene	1.0	22
107-02-8	Acrolein	5.0	79	108-88-3	Toluene	1.0	22
107-13-1	Acrylonitrile	1.0	23	156-60-5	trans-1,2-Dichloroethene	1.0	24
71-43-2	Benzene	0.50	24	10061-02-6	trans-1,3-Dichloropropene	1.0	19
74-97-5	Bromochloromethane	1.0	20	79-01-6	Trichloroethene	1.0	21
75-27-4	Bromodichloromethane	1.0	18	75-69-4	Trichlorofluoromethane	1.0	25
75-25-2	Bromoform	1.0	19	75-01-4	Vinyl Chloride	1.0	23
74-83-9	Bromomethane	1.0	23	1330-20-7	Xylenes (Total)	1	73

Worksheet #: 124378

Total Target Concentration 2400

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-010(MSD:AC
Client Id: 1-30-185-GP01 (30) MSD
Data File: 8M39715.D
Analysis Date: 07/16/09 16:09
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	20	75-15-0	Carbon Disulfide	1.0	21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	20	56-23-5	Carbon Tetrachloride	1.0	21
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	22	108-90-7	Chlorobenzene	1.0	20
79-00-5	1,1,2-Trichloroethane	1.0	20	75-00-3	Chloroethane	1.0	22
75-34-3	1,1-Dichloroethane	1.0	21	67-66-3	Chloroform	1.0	22
75-35-4	1,1-Dichloroethene	1.0	20	74-87-3	Chloromethane	1.0	23
87-61-6	1,2,3-Trichlorobenzene	1.0	18	156-59-2	cis-1,2-Dichloroethene	1.0	20
96-18-4	1,2,3-Trichloropropane	1.0	19	10061-01-5	cis-1,3-Dichloropropene	1.0	21
120-82-1	1,2,4-Trichlorobenzene	1.0	18	110-82-7	Cyclohexane	1.0	19
95-63-6	1,2,4-Trimethylbenzene	1.0	21	124-48-1	Dibromochloromethane	1.0	18
96-12-8	1,2-Dibromo-3-Chloroprop	1.0	18	75-71-8	Dichlorodifluoromethane	1.0	23
106-93-4	1,2-Dibromoethane	1.0	19	100-41-4	Ethylbenzene	1.0	22
95-50-1	1,2-Dichlorobenzene	1.0	19	98-82-8	Isopropylbenzene	1.0	19
107-06-2	1,2-Dichloroethane	0.50	23	136777612	m&p-Xylenes	1.0	47
78-87-5	1,2-Dichloropropane	1.0	20	79-20-9	Methyl Acetate	1.0	22
108-67-8	1,3,5-Trimethylbenzene	1.0	21	108-87-2	Methylcyclohexane	1.0	19
541-73-1	1,3-Dichlorobenzene	1.0	20	75-09-2	Methylene Chloride	1.0	21
142-28-9	1,3-Dichloropropane	1.0	19	1634-04-4	Methyl-t-butyl ether	0.50	20
106-46-7	1,4-Dichlorobenzene	1.0	18	104-51-8	n-Butylbenzene	1.0	19
123-91-1	1,4-Dioxane	50	980	103-65-1	n-Propylbenzene	1.0	20
78-93-3	2-Butanone	1.0	18	95-47-6	o-Xylene	1.0	23
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	20
591-78-6	2-Hexanone	1.0	23	100-42-5	Styrene	1.0	20
99-87-6	4-Isopropyltoluene	1.0	20	75-65-0	t-Butyl Alcohol	5.0	120
108-10-1	4-Methyl-2-Pentanone	1.0	20	98-06-6	t-Butylbenzene	1.0	21
67-64-1	Acetone	5.0	98	127-18-4	Tetrachloroethene	1.0	23
107-02-8	Acrolein	5.0	73	108-88-3	Toluene	1.0	23
107-13-1	Acrylonitrile	1.0	23	156-60-5	trans-1,2-Dichloroethene	1.0	24
71-43-2	Benzene	0.50	24	10061-02-6	trans-1,3-Dichloropropene	1.0	19
74-97-5	Bromochloromethane	1.0	19	79-01-6	Trichloroethene	1.0	22
75-27-4	Bromodichloromethane	1.0	19	75-69-4	Trichlorofluoromethane	1.0	23
75-25-2	Bromoform	1.0	17	75-01-4	Vinyl Chloride	1.0	23
74-83-9	Bromomethane	1.0	23	1330-20-7	Xylenes (Total)	1	70

Worksheet #: 124378

Total Target Concentration 2500

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-011
Client Id: 1-30-185-GP02 (30)
Data File: 2M43934.D
Analysis Date: 07/17/09 15:36
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.9**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 2.9

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-012
Client Id: 1-30-185-GP03 (25)
Data File: 8M39717.D
Analysis Date: 07/16/09 16:41
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.9**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 2.9

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-013
Client Id: 1-30-185-GP04 (25)
Data File: 8M39718.D
Analysis Date: 07/16/09 16:58
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**1.4**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 1.4

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-014
Client Id: 1-30-185-GP05 (25)
Data File: 8M39724.D
Analysis Date: 07/16/09 18:35
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-015
Client Id: 1-30-185-SB-DUP01
Data File: 1M47057.D
Analysis Date: 07/16/09 13:54
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0052	U	75-15-0	Carbon Disulfide	0.0052	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0052	U	56-23-5	Carbon Tetrachloride	0.0052	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0052	U	108-90-7	Chlorobenzene	0.0052	U
79-00-5	1,1,2-Trichloroethane	0.0052	U	75-00-3	Chloroethane	0.0052	U
75-34-3	1,1-Dichloroethane	0.0052	U	67-66-3	Chloroform	0.0052	U
75-35-4	1,1-Dichloroethene	0.0052	U	74-87-3	Chloromethane	0.0052	U
87-61-6	1,2,3-Trichlorobenzene	0.0052	U	156-59-2	cis-1,2-Dichloroethene	0.0052	U
96-18-4	1,2,3-Trichloropropane	0.0052	U	10061-01-5	cis-1,3-Dichloropropene	0.0052	U
120-82-1	1,2,4-Trichlorobenzene	0.0052	U	110-82-7	Cyclohexane	0.0052	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0052	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0052	U	75-71-8	Dichlorodifluoromethane	0.0052	U
106-93-4	1,2-Dibromoethane	0.0052	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0052	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0052	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0052	U	79-20-9	Methyl Acetate	0.0052	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0052	U
541-73-1	1,3-Dichlorobenzene	0.0052	U	75-09-2	Methylene Chloride	0.0052	U
142-28-9	1,3-Dichloropropane	0.0052	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0052	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.26	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0052	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0052	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0052	U	100-42-5	Styrene	0.0052	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.026	U
108-10-1	4-Methyl-2-Pentanone	0.0052	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.026	U	127-18-4	Tetrachloroethene	0.0052	U
107-02-8	Acrolein	0.026	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0052	U	156-60-5	trans-1,2-Dichloroethene	0.0052	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0052	U
74-97-5	Bromochloromethane	0.0052	U	79-01-6	Trichloroethene	0.0052	U
75-27-4	Bromodichloromethane	0.0052	U	75-69-4	Trichlorofluoromethane	0.0052	U
75-25-2	Bromoform	0.0052	U	75-01-4	Vinyl Chloride	0.0052	U
74-83-9	Bromomethane	0.0052	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-016
Client Id: 1-30-185-GP-DUP01
Data File: 8M39719.D
Analysis Date: 07/16/09 17:14
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**3.4**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.1**
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 4.5

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-017
Client Id: 1-30-185-Rinsate 01
Data File: 8M39720.D
Analysis Date: 07/16/09 17:30
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-018
Client Id: 1-30-185-GP05 (100)
Data File: 8M39721.D
Analysis Date: 07/16/09 17:46
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-019
Client Id: 1-30-185-GP05 (85)
Data File: 8M39722.D
Analysis Date: 07/16/09 18:03
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-020
Client Id: 1-30-185-GP05 (70)
Data File: 8M39723.D
Analysis Date: 07/16/09 18:19
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**26**	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 26

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-021
Client Id: 1-30-185-GP05 (55)
Data File: 8M39954.D
Analysis Date: 07/22/09 12:10
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**26**	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 26

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-022
Client Id: 1-30-185-GP05 (40)
Data File: 8M39725.D
Analysis Date: 07/16/09 18:51
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**21**	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 21

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-023
Client Id: 1-30-185-Trip Blank
Data File: 8M39875.D
Analysis Date: 07/21/09 08:55
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-001
Client Id: 1-30-185-SB01
Data File: 10M05962.D
Analysis Date: 07/17/09 14:52
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	50-32-8	Benzo[a]pyrene	0.069	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	205-99-2	Benzo[b]fluoranthene	0.069	U
120-82-1	1,2,4-Trichlorobenzene	0.069	U	191-24-2	Benzo[g,h,i]perylene	0.069	U
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.35	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	2,4-Dimethylphenol	0.069	U	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.35	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	2,4-Dinitrotoluene	0.069	U	85-68-7	Butylbenzylphthalate	0.069	U
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	86-74-8	Carbazole	0.069	U
95-57-8	2-Chlorophenol	0.069	U	218-01-9	Chrysene	0.069	U
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	2-Methylphenol	0.069	U	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.069	U
534-52-1	4,6-Dinitro-2-methylphenol	0.35	U	86-73-7	Fluorene	0.069	U
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	4-Chloro-3-methylphenol	0.069	U	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.35	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.069	U
100-02-7	4-Nitrophenol	0.069	U	78-59-1	Isophorone	0.069	U
83-32-9	Acenaphthene	0.069	U	91-20-3	Naphthalene	0.069	U
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	621-64-7	N-Nitroso-di-n-propylamine	0.069	U
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	87-86-5	Pentachlorophenol	0.35	U
100-52-7	Benzaldehyde	0.069	U	85-01-8	Phenanthrene	0.069	U
92-87-5	Benzidine	0.35	U	108-95-2	Phenol	0.069	U
56-55-3	Benzo[a]anthracene	0.069	U	129-00-0	Pyrene	0.069	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-002
Client Id: 1-30-185-SB02
Data File: 10M05954.D
Analysis Date: 07/17/09 11:53
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	**1,1'-Biphenyl**	**0.072**	**0.093**	**50-32-8**	**Benzo[a]pyrene**	**0.072**	**1.0**
95-94-3	1,2,4,5-Tetrachlorobenzene	0.072	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.072**	**1.8**
120-82-1	1,2,4-Trichlorobenzene	0.072	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.072**	**0.70**
122-66-7	1,2-Diphenylhydrazine	0.072	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.072**	**0.51**
95-95-4	2,4,5-Trichlorophenol	0.072	U	65-85-0	Benzoic Acid	0.36	U
88-06-2	2,4,6-Trichlorophenol	0.072	U	111-91-1	bis(2-Chloroethoxy)methan	0.072	U
120-83-2	2,4-Dichlorophenol	0.072	U	111-44-4	bis(2-Chloroethyl)ether	0.072	U
105-67-9	2,4-Dimethylphenol	0.072	U	108-60-1	bis(2-chloroisopropyl)ether	0.072	U
51-28-5	2,4-Dinitrophenol	0.36	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.072	U
121-14-2	2,4-Dinitrotoluene	0.072	U	85-68-7	Butylbenzylphthalate	0.072	U
606-20-2	2,6-Dinitrotoluene	0.072	U	105-60-2	Caprolactam	0.072	U
91-58-7	2-Chloronaphthalene	0.072	U	**86-74-8**	**Carbazole**	**0.072**	**0.20**
95-57-8	2-Chlorophenol	0.072	U	**218-01-9**	**Chrysene**	**0.072**	**1.2**
91-57-6	**2-Methylnaphthalene**	**0.072**	**0.45**	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.072**	**0.22**
95-48-7	2-Methylphenol	0.072	U	**132-64-9**	**Dibenzofuran**	**0.072**	**0.43**
88-74-4	2-Nitroaniline	0.072	U	84-66-2	Diethylphthalate	0.072	U
88-75-5	2-Nitrophenol	0.072	U	131-11-3	Dimethylphthalate	0.072	U
106-44-5	3&4-Methylphenol	0.072	U	84-74-2	Di-n-butylphthalate	0.072	U
91-94-1	3,3'-Dichlorobenzidine	0.072	U	117-84-0	Di-n-octylphthalate	0.072	U
99-09-2	3-Nitroaniline	0.072	U	**206-44-0**	**Fluoranthene**	**0.072**	**2.3**
534-52-1	4,6-Dinitro-2-methylphenol	0.36	U	**86-73-7**	**Fluorene**	**0.072**	**0.62**
101-55-3	4-Bromophenyl-phenylether	0.072	U	118-74-1	Hexachlorobenzene	0.072	U
59-50-7	4-Chloro-3-methylphenol	0.072	U	87-68-3	Hexachlorobutadiene	0.072	U
106-47-8	4-Chloroaniline	0.072	U	77-47-4	Hexachlorocyclopentadiene	0.36	U
7005-72-3	4-Chlorophenyl-phenylether	0.072	U	67-72-1	Hexachloroethane	0.072	U
100-01-6	4-Nitroaniline	0.072	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.072**	**0.62**
100-02-7	4-Nitrophenol	0.072	U	78-59-1	Isophorone	0.072	U
83-32-9	**Acenaphthene**	**0.072**	**0.63**	**91-20-3**	**Naphthalene**	**0.072**	**1.2**
208-96-8	**Acenaphthylene**	**0.072**	**0.16**	98-95-3	Nitrobenzene	0.072	U
98-86-2	Acetophenone	0.072	U	62-75-9	N-Nitrosodimethylamine	0.072	U
62-53-3	Aniline	0.072	U	621-64-7	N-Nitroso-di-n-propylamine	0.072	U
120-12-7	**Anthracene**	**0.072**	**0.64**	86-30-6	n-Nitrosodiphenylamine	0.072	U
1912-24-9	Atrazine	0.072	U	87-86-5	Pentachlorophenol	0.36	U
100-52-7	Benzaldehyde	0.072	U	**85-01-8**	**Phenanthrene**	**0.072**	**2.5**
92-87-5	Benzidine	0.36	U	108-95-2	Phenol	0.072	U
56-55-3	**Benzo[a]anthracene**	**0.072**	**0.98**	**129-00-0**	**Pyrene**	**0.072**	**1.8**

Worksheet #: 123973

Total Target Concentration 18

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-003
Client Id: 1-30-185-SB03
Data File: 10M05961.D
Analysis Date: 07/17/09 14:29
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	50-32-8	Benzo[a]pyrene	0.069	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	205-99-2	Benzo[b]fluoranthene	0.069	U
120-82-1	1,2,4-Trichlorobenzene	0.069	U	191-24-2	Benzo[g,h,i]perylene	0.069	U
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.34	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	2,4-Dimethylphenol	0.069	U	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.34	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	2,4-Dinitrotoluene	0.069	U	85-68-7	Butylbenzylphthalate	0.069	U
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	86-74-8	Carbazole	0.069	U
95-57-8	2-Chlorophenol	0.069	U	218-01-9	Chrysene	0.069	U
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	2-Methylphenol	0.069	U	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.069	U
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	86-73-7	Fluorene	0.069	U
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	4-Chloro-3-methylphenol	0.069	U	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.069	U
100-02-7	4-Nitrophenol	0.069	U	78-59-1	Isophorone	0.069	U
83-32-9	Acenaphthene	0.069	U	91-20-3	Naphthalene	0.069	U
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	621-64-7	N-Nitroso-di-n-propylamine	0.069	U
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	87-86-5	Pentachlorophenol	0.34	U
100-52-7	Benzaldehyde	0.069	U	85-01-8	Phenanthrene	0.069	U
92-87-5	Benzidine	0.34	U	108-95-2	Phenol	0.069	U
56-55-3	Benzo[a]anthracene	0.069	U	129-00-0	Pyrene	0.069	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-004
Client Id: 1-30-185-SB04
Data File: 10M05960.D
Analysis Date: 07/17/09 14:07
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	**50-32-8**	**Benzo[a]pyrene**	**0.069**	**0.13**
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.069**	**0.19**
120-82-1	1,2,4-Trichlorobenzene	0.069	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.069**	**0.11**
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.34	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	2,4-Dimethylphenol	0.069	U	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.34	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	2,4-Dinitrotoluene	0.069	U	85-68-7	Butylbenzylphthalate	0.069	U
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	86-74-8	Carbazole	0.069	U
95-57-8	2-Chlorophenol	0.069	U	**218-01-9**	**Chrysene**	**0.069**	**0.14**
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	2-Methylphenol	0.069	U	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	**206-44-0**	**Fluoranthene**	**0.069**	**0.34**
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	86-73-7	Fluorene	0.069	U
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	4-Chloro-3-methylphenol	0.069	U	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.069**	**0.088**
100-02-7	4-Nitrophenol	0.069	U	78-59-1	Isophorone	0.069	U
83-32-9	Acenaphthene	0.069	U	91-20-3	Naphthalene	0.069	U
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	621-64-7	N-Nitroso-di-n-propylamine	0.069	U
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	87-86-5	Pentachlorophenol	0.34	U
100-52-7	Benzaldehyde	0.069	U	**85-01-8**	**Phenanthrene**	**0.069**	**0.18**
92-87-5	Benzidine	0.34	U	108-95-2	Phenol	0.069	U
56-55-3	**Benzo[a]anthracene**	**0.069**	**0.13**	**129-00-0**	**Pyrene**	**0.069**	**0.25**

Worksheet #: 123973

Total Target Concentration 1.6

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-005
Client Id: 1-30-185-SB05
Data File: 10M05951.D
Analysis Date: 07/17/09 10:45
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	50-32-8	Benzo[a]pyrene	0.069	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	205-99-2	Benzo[b]fluoranthene	0.069	U
120-82-1	1,2,4-Trichlorobenzene	0.069	U	191-24-2	Benzo[g,h,i]perylene	0.069	U
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.34	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	2,4-Dimethylphenol	0.069	U	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.34	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	2,4-Dinitrotoluene	0.069	U	85-68-7	Butylbenzylphthalate	0.069	U
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	86-74-8	Carbazole	0.069	U
95-57-8	2-Chlorophenol	0.069	U	218-01-9	Chrysene	0.069	U
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	2-Methylphenol	0.069	U	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.069	U
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	86-73-7	Fluorene	0.069	U
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	4-Chloro-3-methylphenol	0.069	U	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.069	U
100-02-7	4-Nitrophenol	0.069	U	78-59-1	Isophorone	0.069	U
83-32-9	Acenaphthene	0.069	U	91-20-3	Naphthalene	0.069	U
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	621-64-7	N-Nitroso-di-n-propylamine	0.069	U
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	87-86-5	Pentachlorophenol	0.34	U
100-52-7	Benzaldehyde	0.069	U	85-01-8	Phenanthrene	0.069	U
92-87-5	Benzidine	0.34	U	108-95-2	Phenol	0.069	U
56-55-3	Benzo[a]anthracene	0.069	U	129-00-0	Pyrene	0.069	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-006(MS:AC45
Client Id: 1-30-185-SB05 MS
Data File: 10M05952.D
Analysis Date: 07/17/09 11:08
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	50-32-8	Benzo[a]pyrene	0.069	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	205-99-2	Benzo[b]fluoranthene	0.069	U
120-82-1	**1,2,4-Trichlorobenzene**	**0.069**	**1.5**	191-24-2	Benzo[g,h,i]perylene	0.069	U
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.34	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	**2,4-Dimethylphenol**	**0.069**	**3.1**	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.34	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	**2,4-Dinitrotoluene**	**0.069**	**1.8**	**85-68-7**	**Butylbenzylphthalate**	**0.069**	**1.7**
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	**86-74-8**	**Carbazole**	**0.069**	**1.5**
95-57-8	**2-Chlorophenol**	**0.069**	**2.9**	218-01-9	Chrysene	0.069	U
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	**2-Methylphenol**	**0.069**	**2.8**	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.069	U
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	**86-73-7**	**Fluorene**	**0.069**	**1.7**
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	**4-Chloro-3-methylphenol**	**0.069**	**3.0**	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.069	U
100-02-7	**4-Nitrophenol**	**0.069**	**3.2**	78-59-1	Isophorone	0.069	U
83-32-9	**Acenaphthene**	**0.069**	**1.7**	**91-20-3**	**Naphthalene**	**0.069**	**1.6**
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	**621-64-7**	**N-Nitroso-di-n-propylamin**	**0.069**	**1.4**
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	**87-86-5**	**Pentachlorophenol**	**0.34**	**2.7**
100-52-7	Benzaldehyde	0.069	U	85-01-8	Phenanthrene	0.069	U
92-87-5	Benzidine	0.34	U	**108-95-2**	**Phenol**	**0.069**	**2.7**
56-55-3	Benzo[a]anthracene	0.069	U	**129-00-0**	**Pyrene**	**0.069**	**1.6**

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-007(MSD:AC
Client Id: 1-30-185-SB05 MSD
Data File: 10M05953.D
Analysis Date: 07/17/09 11:30
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.071	U	50-32-8	Benzo[a]pyrene	0.071	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.071	U	205-99-2	Benzo[b]fluoranthene	0.071	U
120-82-1	**1,2,4-Trichlorobenzene**	**0.071**	**1.5**	191-24-2	Benzo[g,h,i]perylene	0.071	U
122-66-7	1,2-Diphenylhydrazine	0.071	U	207-08-9	Benzo[k]fluoranthene	0.071	U
95-95-4	2,4,5-Trichlorophenol	0.071	U	65-85-0	Benzoic Acid	0.35	U
88-06-2	2,4,6-Trichlorophenol	0.071	U	111-91-1	bis(2-Chloroethoxy)methan	0.071	U
120-83-2	2,4-Dichlorophenol	0.071	U	111-44-4	bis(2-Chloroethyl)ether	0.071	U
105-67-9	**2,4-Dimethylphenol**	**0.071**	**3.1**	108-60-1	bis(2-chloroisopropyl)ether	0.071	U
51-28-5	2,4-Dinitrophenol	0.35	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.071	U
121-14-2	**2,4-Dinitrotoluene**	**0.071**	**1.8**	**85-68-7**	**Butylbenzylphthalate**	**0.071**	**1.7**
606-20-2	2,6-Dinitrotoluene	0.071	U	105-60-2	Caprolactam	0.071	U
91-58-7	2-Chloronaphthalene	0.071	U	**86-74-8**	**Carbazole**	**0.071**	**1.6**
95-57-8	**2-Chlorophenol**	**0.071**	**2.9**	218-01-9	Chrysene	0.071	U
91-57-6	2-Methylnaphthalene	0.071	U	53-70-3	Dibenzo[a,h]anthracene	0.071	U
95-48-7	**2-Methylphenol**	**0.071**	**2.7**	132-64-9	Dibenzofuran	0.071	U
88-74-4	2-Nitroaniline	0.071	U	84-66-2	Diethylphthalate	0.071	U
88-75-5	2-Nitrophenol	0.071	U	131-11-3	Dimethylphthalate	0.071	U
106-44-5	3&4-Methylphenol	0.071	U	84-74-2	Di-n-butylphthalate	0.071	U
91-94-1	3,3'-Dichlorobenzidine	0.071	U	117-84-0	Di-n-octylphthalate	0.071	U
99-09-2	3-Nitroaniline	0.071	U	206-44-0	Fluoranthene	0.071	U
534-52-1	4,6-Dinitro-2-methylphenol	0.35	U	**86-73-7**	**Fluorene**	**0.071**	**1.7**
101-55-3	4-Bromophenyl-phenylether	0.071	U	118-74-1	Hexachlorobenzene	0.071	U
59-50-7	**4-Chloro-3-methylphenol**	**0.071**	**3.0**	87-68-3	Hexachlorobutadiene	0.071	U
106-47-8	4-Chloroaniline	0.071	U	77-47-4	Hexachlorocyclopentadiene	0.35	U
7005-72-3	4-Chlorophenyl-phenylether	0.071	U	67-72-1	Hexachloroethane	0.071	U
100-01-6	4-Nitroaniline	0.071	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.071	U
100-02-7	**4-Nitrophenol**	**0.071**	**3.2**	78-59-1	Isophorone	0.071	U
83-32-9	**Acenaphthene**	**0.071**	**1.7**	**91-20-3**	**Naphthalene**	**0.071**	**1.6**
208-96-8	Acenaphthylene	0.071	U	98-95-3	Nitrobenzene	0.071	U
98-86-2	Acetophenone	0.071	U	62-75-9	N-Nitrosodimethylamine	0.071	U
62-53-3	Aniline	0.071	U	**621-64-7**	**N-Nitroso-di-n-propylamin**	**0.071**	**1.3**
120-12-7	Anthracene	0.071	U	86-30-6	n-Nitrosodiphenylamine	0.071	U
1912-24-9	Atrazine	0.071	U	**87-86-5**	**Pentachlorophenol**	**0.35**	**2.9**
100-52-7	Benzaldehyde	0.071	U	85-01-8	Phenanthrene	0.071	U
92-87-5	Benzidine	0.35	U	**108-95-2**	**Phenol**	**0.071**	**2.7**
56-55-3	Benzo[a]anthracene	0.071	U	**129-00-0**	**Pyrene**	**0.071**	**1.7**

Worksheet #: 123973

Total Target Concentration 35

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-008
Client Id: 1-30-185-GP01
Data File: 9M19276.D
Analysis Date: 07/16/09 15:06
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	86-74-8	Carbazole	2.2	U
95-57-8	2-Chlorophenol	2.2	U	218-01-9	Chrysene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
95-48-7	2-Methylphenol	2.2	U	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	131-11-3	Dimethylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
99-09-2	3-Nitroaniline	2.2	U	206-44-0	Fluoranthene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	118-74-1	Hexachlorobenzene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
106-47-8	4-Chloroaniline	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	67-72-1	Hexachloroethane	2.2	U
100-01-6	4-Nitroaniline	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-02-7	4-Nitrophenol	2.2	U	78-59-1	Isophorone	2.2	U
83-32-9	Acenaphthene	2.2	U	91-20-3	Naphthalene	2.2	U
208-96-8	Acenaphthylene	2.2	U	98-95-3	Nitrobenzene	2.2	U
98-86-2	Acetophenone	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
1912-24-9	Atrazine	2.2	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.2	U	85-01-8	Phenanthrene	2.2	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-009(MS:AC45
Client Id: 1-30-185-GP01 MS
Data File: 9M19277.D
Analysis Date: 07/16/09 15:29
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	**50-32-8**	**Benzo[a]pyrene**	**2.2**	**110**
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	**205-99-2**	**Benzo[b]fluoranthene**	**2.2**	**100**
120-82-1	**1,2,4-Trichlorobenzene**	**2.2**	**93**	**191-24-2**	**Benzo[g,h,i]perylene**	**2.2**	**110**
122-66-7	**1,2-Diphenylhydrazine**	**2.2**	**96**	**207-08-9**	**Benzo[k]fluoranthene**	**2.2**	**110**
95-95-4	**2,4,5-Trichlorophenol**	**2.2**	**110**	**65-85-0**	**Benzoic Acid**	**11**	**50**
88-06-2	**2,4,6-Trichlorophenol**	**2.2**	**110**	**111-91-1**	**bis(2-Chloroethoxy)metha**	**2.2**	**98**
120-83-2	**2,4-Dichlorophenol**	**2.2**	**110**	**111-44-4**	**bis(2-Chloroethyl)ether**	**2.2**	**93**
105-67-9	**2,4-Dimethylphenol**	**2.2**	**97**	**108-60-1**	**bis(2-chloroisopropyl)eth**	**2.2**	**93**
51-28-5	**2,4-Dinitrophenol**	**11**	**130**	**117-81-7**	**bis(2-Ethylhexyl)phthalate**	**2.2**	**110**
121-14-2	**2,4-Dinitrotoluene**	**2.2**	**120**	**85-68-7**	**Butylbenzylphthalate**	**2.2**	**110**
606-20-2	**2,6-Dinitrotoluene**	**2.2**	**110**	105-60-2	Caprolactam	2.2	U
91-58-7	**2-Chloronaphthalene**	**2.2**	**100**	86-74-8	Carbazole	2.2	U
95-57-8	**2-Chlorophenol**	**2.2**	**90**	**218-01-9**	**Chrysene**	**2.2**	**100**
91-57-6	2-Methylnaphthalene	2.2	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**2.2**	**110**
95-48-7	**2-Methylphenol**	**2.2**	**89**	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	**84-66-2**	**Diethylphthalate**	**2.2**	**110**
88-75-5	**2-Nitrophenol**	**2.2**	**110**	**131-11-3**	**Dimethylphthalate**	**2.2**	**110**
106-44-5	**3&4-Methylphenol**	**2.2**	**88**	**84-74-2**	**Di-n-butylphthalate**	**2.2**	**110**
91-94-1	**3,3'-Dichlorobenzidine**	**2.2**	**120**	**117-84-0**	**Di-n-octylphthalate**	**2.2**	**100**
99-09-2	3-Nitroaniline	2.2	U	**206-44-0**	**Fluoranthene**	**2.2**	**120**
534-52-1	**4,6-Dinitro-2-methylpheno**	**11**	**120**	**86-73-7**	**Fluorene**	**2.2**	**100**
101-55-3	**4-Bromophenyl-phenyleth**	**2.2**	**110**	**118-74-1**	**Hexachlorobenzene**	**2.2**	**110**
59-50-7	**4-Chloro-3-methylphenol**	**2.2**	**110**	**87-68-3**	**Hexachlorobutadiene**	**2.2**	**93**
106-47-8	4-Chloroaniline	2.2	U	**77-47-4**	**Hexachlorocyclopentadie**	**2.2**	**88**
7005-72-3	**4-Chlorophenyl-phenyleth**	**2.2**	**110**	**67-72-1**	**Hexachloroethane**	**2.2**	**84**
100-01-6	4-Nitroaniline	2.2	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**2.2**	**110**
100-02-7	**4-Nitrophenol**	**2.2**	**60**	**78-59-1**	**Isophorone**	**2.2**	**96**
83-32-9	**Acenaphthene**	**2.2**	**100**	**91-20-3**	**Naphthalene**	**2.2**	**96**
208-96-8	**Acenaphthylene**	**2.2**	**99**	**98-95-3**	**Nitrobenzene**	**2.2**	**100**
98-86-2	Acetophenone	2.2	U	**62-75-9**	**N-Nitrosodimethylamine**	**2.2**	**77**
62-53-3	**Aniline**	**2.2**	**64**	**621-64-7**	**N-Nitroso-di-n-propylamin**	**2.2**	**100**
120-12-7	**Anthracene**	**2.2**	**100**	**86-30-6**	**n-Nitrosodiphenylamine**	**2.2**	**81**
1912-24-9	Atrazine	2.2	U	**87-86-5**	**Pentachlorophenol**	**11**	**120**
100-52-7	Benzaldehyde	2.2	U	**85-01-8**	**Phenanthrene**	**2.2**	**110**
92-87-5	**Benzidine**	**11**	**18**	**108-95-2**	**Phenol**	**2.2**	**46**
56-55-3	**Benzo[a]anthracene**	**2.2**	**100**	**129-00-0**	**Pyrene**	**2.2**	**98**

Worksheet #: 123973

Total Target Concentration 5800

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-010(MSD:AC
Client Id: 1-30-185-GP01 MSD
Data File: 9M19278.D
Analysis Date: 07/16/09 15:53
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	**50-32-8**	**Benzo[a]pyrene**	**2.1**	**100**
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	**205-99-2**	**Benzo[b]fluoranthene**	**2.1**	**96**
120-82-1	**1,2,4-Trichlorobenzene**	**2.1**	**89**	**191-24-2**	**Benzo[g,h,i]perylene**	**2.1**	**100**
122-66-7	**1,2-Diphenylhydrazine**	**2.1**	**93**	**207-08-9**	**Benzo[k]fluoranthene**	**2.1**	**100**
95-95-4	**2,4,5-Trichlorophenol**	**2.1**	**110**	**65-85-0**	**Benzoic Acid**	**11**	**47**
88-06-2	**2,4,6-Trichlorophenol**	**2.1**	**110**	**111-91-1**	**bis(2-Chloroethoxy)metha**	**2.1**	**95**
120-83-2	**2,4-Dichlorophenol**	**2.1**	**100**	**111-44-4**	**bis(2-Chloroethyl)ether**	**2.1**	**87**
105-67-9	**2,4-Dimethylphenol**	**2.1**	**97**	**108-60-1**	**bis(2-chloroisopropyl)eth**	**2.1**	**87**
51-28-5	**2,4-Dinitrophenol**	**11**	**130**	**117-81-7**	**bis(2-Ethylhexyl)phthalate**	**2.1**	**100**
121-14-2	**2,4-Dinitrotoluene**	**2.1**	**120**	**85-68-7**	**Butylbenzylphthalate**	**2.1**	**100**
606-20-2	**2,6-Dinitrotoluene**	**2.1**	**110**	105-60-2	Caprolactam	2.1	U
91-58-7	**2-Chloronaphthalene**	**2.1**	**97**	86-74-8	Carbazole	2.1	U
95-57-8	**2-Chlorophenol**	**2.1**	**88**	**218-01-9**	**Chrysene**	**2.1**	**98**
91-57-6	2-Methylnaphthalene	2.1	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**2.1**	**110**
95-48-7	**2-Methylphenol**	**2.1**	**86**	132-64-9	Dibenzofuran	2.1	U
88-74-4	2-Nitroaniline	2.1	U	**84-66-2**	**Diethylphthalate**	**2.1**	**100**
88-75-5	**2-Nitrophenol**	**2.1**	**110**	**131-11-3**	**Dimethylphthalate**	**2.1**	**110**
106-44-5	**3&4-Methylphenol**	**2.1**	**82**	**84-74-2**	**Di-n-butylphthalate**	**2.1**	**110**
91-94-1	**3,3'-Dichlorobenzidine**	**2.1**	**120**	**117-84-0**	**Di-n-octylphthalate**	**2.1**	**96**
99-09-2	3-Nitroaniline	2.1	U	**206-44-0**	**Fluoranthene**	**2.1**	**110**
534-52-1	**4,6-Dinitro-2-methylpheno**	**11**	**120**	**86-73-7**	**Fluorene**	**2.1**	**99**
101-55-3	**4-Bromophenyl-phenyleth**	**2.1**	**110**	**118-74-1**	**Hexachlorobenzene**	**2.1**	**110**
59-50-7	**4-Chloro-3-methylphenol**	**2.1**	**110**	**87-68-3**	**Hexachlorobutadiene**	**2.1**	**89**
106-47-8	4-Chloroaniline	2.1	U	**77-47-4**	**Hexachlorocyclopentadie**	**2.1**	**87**
7005-72-3	**4-Chlorophenyl-phenyleth**	**2.1**	**100**	**67-72-1**	**Hexachloroethane**	**2.1**	**78**
100-01-6	4-Nitroaniline	2.1	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**2.1**	**110**
100-02-7	**4-Nitrophenol**	**2.1**	**53**	**78-59-1**	**Isophorone**	**2.1**	**91**
83-32-9	**Acenaphthene**	**2.1**	**96**	**91-20-3**	**Naphthalene**	**2.1**	**91**
208-96-8	**Acenaphthylene**	**2.1**	**95**	**98-95-3**	**Nitrobenzene**	**2.1**	**97**
98-86-2	Acetophenone	2.1	U	**62-75-9**	**N-Nitrosodimethylamine**	**2.1**	**73**
62-53-3	**Aniline**	**2.1**	**60**	**621-64-7**	**N-Nitroso-di-n-propylamin**	**2.1**	**97**
120-12-7	**Anthracene**	**2.1**	**100**	**86-30-6**	**n-Nitrosodiphenylamine**	**2.1**	**80**
1912-24-9	Atrazine	2.1	U	**87-86-5**	**Pentachlorophenol**	**11**	**120**
100-52-7	Benzaldehyde	2.1	U	**85-01-8**	**Phenanthrene**	**2.1**	**100**
92-87-5	**Benzidine**	**11**	**54**	**108-95-2**	**Phenol**	**2.1**	**41**
56-55-3	**Benzo[a]anthracene**	**2.1**	**98**	**129-00-0**	**Pyrene**	**2.1**	**95**

Worksheet #: 123973

Total Target Concentration 5600

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-011
Client Id: 1-30-185-GP02
Data File: 9M19279.D
Analysis Date: 07/16/09 16:16
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	86-74-8	Carbazole	2.2	U
95-57-8	2-Chlorophenol	2.2	U	218-01-9	Chrysene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
95-48-7	2-Methylphenol	2.2	U	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	131-11-3	Dimethylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
99-09-2	3-Nitroaniline	2.2	U	206-44-0	Fluoranthene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	118-74-1	Hexachlorobenzene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
106-47-8	4-Chloroaniline	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	67-72-1	Hexachloroethane	2.2	U
100-01-6	4-Nitroaniline	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-02-7	4-Nitrophenol	2.2	U	78-59-1	Isophorone	2.2	U
83-32-9	Acenaphthene	2.2	U	91-20-3	Naphthalene	2.2	U
208-96-8	Acenaphthylene	2.2	U	98-95-3	Nitrobenzene	2.2	U
98-86-2	Acetophenone	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
1912-24-9	Atrazine	2.2	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.2	U	85-01-8	Phenanthrene	2.2	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-012
Client Id: 1-30-185-GP03
Data File: 9M19280.D
Analysis Date: 07/16/09 16:40
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	50-32-8	Benzo[a]pyrene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
120-82-1	1,2,4-Trichlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
122-66-7	1,2-Diphenylhydrazine	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
120-83-2	2,4-Dichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	85-68-7	Butylbenzylphthalate	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	86-74-8	Carbazole	2.1	U
95-57-8	2-Chlorophenol	2.1	U	218-01-9	Chrysene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
95-48-7	2-Methylphenol	2.1	U	132-64-9	Dibenzofuran	2.1	U
88-74-4	2-Nitroaniline	2.1	U	84-66-2	Diethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	131-11-3	Dimethylphthalate	2.1	U
106-44-5	3&4-Methylphenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	117-84-0	Di-n-octylphthalate	2.1	U
99-09-2	3-Nitroaniline	2.1	U	206-44-0	Fluoranthene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	118-74-1	Hexachlorobenzene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
106-47-8	4-Chloroaniline	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	67-72-1	Hexachloroethane	2.1	U
100-01-6	4-Nitroaniline	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-02-7	4-Nitrophenol	2.1	U	78-59-1	Isophorone	2.1	U
83-32-9	Acenaphthene	2.1	U	91-20-3	Naphthalene	2.1	U
208-96-8	Acenaphthylene	2.1	U	98-95-3	Nitrobenzene	2.1	U
98-86-2	Acetophenone	2.1	U	62-75-9	N-Nitrosodimethylamine	2.1	U
62-53-3	Aniline	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	2.1	U
120-12-7	Anthracene	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
1912-24-9	Atrazine	2.1	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.1	U	85-01-8	Phenanthrene	2.1	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-013
Client Id: 1-30-185-GP04
Data File: 9M19281.D
Analysis Date: 07/16/09 17:03
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	86-74-8	Carbazole	2.2	U
95-57-8	2-Chlorophenol	2.2	U	218-01-9	Chrysene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
95-48-7	2-Methylphenol	2.2	U	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	131-11-3	Dimethylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
99-09-2	3-Nitroaniline	2.2	U	206-44-0	Fluoranthene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	118-74-1	Hexachlorobenzene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
106-47-8	4-Chloroaniline	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	67-72-1	Hexachloroethane	2.2	U
100-01-6	4-Nitroaniline	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-02-7	4-Nitrophenol	2.2	U	78-59-1	Isophorone	2.2	U
83-32-9	Acenaphthene	2.2	U	91-20-3	Naphthalene	2.2	U
208-96-8	Acenaphthylene	2.2	U	98-95-3	Nitrobenzene	2.2	U
98-86-2	Acetophenone	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
1912-24-9	Atrazine	2.2	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.2	U	85-01-8	Phenanthrene	2.2	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-014
Client Id: 1-30-185-GP05
Data File: 9M19282.D
Analysis Date: 07/16/09 17:27
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 970ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	50-32-8	Benzo[a]pyrene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
120-82-1	1,2,4-Trichlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
122-66-7	1,2-Diphenylhydrazine	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	65-85-0	Benzoic Acid	10	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
120-83-2	2,4-Dichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
51-28-5	2,4-Dinitrophenol	10	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	85-68-7	Butylbenzylphthalate	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	86-74-8	Carbazole	2.1	U
95-57-8	2-Chlorophenol	2.1	U	218-01-9	Chrysene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
95-48-7	2-Methylphenol	2.1	U	132-64-9	Dibenzofuran	2.1	U
88-74-4	2-Nitroaniline	2.1	U	84-66-2	Diethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	131-11-3	Dimethylphthalate	2.1	U
106-44-5	3&4-Methylphenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	117-84-0	Di-n-octylphthalate	2.1	U
99-09-2	3-Nitroaniline	2.1	U	206-44-0	Fluoranthene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	86-73-7	Fluorene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	118-74-1	Hexachlorobenzene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
106-47-8	4-Chloroaniline	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	67-72-1	Hexachloroethane	2.1	U
100-01-6	4-Nitroaniline	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-02-7	4-Nitrophenol	2.1	U	78-59-1	Isophorone	2.1	U
83-32-9	Acenaphthene	2.1	U	91-20-3	Naphthalene	2.1	U
208-96-8	Acenaphthylene	2.1	U	98-95-3	Nitrobenzene	2.1	U
98-86-2	Acetophenone	2.1	U	62-75-9	N-Nitrosodimethylamine	2.1	U
62-53-3	Aniline	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	2.1	U
120-12-7	Anthracene	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
1912-24-9	Atrazine	2.1	U	87-86-5	Pentachlorophenol	10	U
100-52-7	Benzaldehyde	2.1	U	85-01-8	Phenanthrene	2.1	U
92-87-5	Benzidine	10	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-015
Client Id: 1-30-185-SB-DUP01
Data File: 10M05963.D
Analysis Date: 07/17/09 15:14
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.070	U	50-32-8	Benzo[a]pyrene	0.070	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.070	U	205-99-2	Benzo[b]fluoranthene	0.070	U
120-82-1	1,2,4-Trichlorobenzene	0.070	U	191-24-2	Benzo[g,h,i]perylene	0.070	U
122-66-7	1,2-Diphenylhydrazine	0.070	U	207-08-9	Benzo[k]fluoranthene	0.070	U
95-95-4	2,4,5-Trichlorophenol	0.070	U	65-85-0	Benzoic Acid	0.35	U
88-06-2	2,4,6-Trichlorophenol	0.070	U	111-91-1	bis(2-Chloroethoxy)methan	0.070	U
120-83-2	2,4-Dichlorophenol	0.070	U	111-44-4	bis(2-Chloroethyl)ether	0.070	U
105-67-9	2,4-Dimethylphenol	0.070	U	108-60-1	bis(2-chloroisopropyl)ether	0.070	U
51-28-5	2,4-Dinitrophenol	0.35	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.070	U
121-14-2	2,4-Dinitrotoluene	0.070	U	85-68-7	Butylbenzylphthalate	0.070	U
606-20-2	2,6-Dinitrotoluene	0.070	U	105-60-2	Caprolactam	0.070	U
91-58-7	2-Chloronaphthalene	0.070	U	86-74-8	Carbazole	0.070	U
95-57-8	2-Chlorophenol	0.070	U	218-01-9	Chrysene	0.070	U
91-57-6	2-Methylnaphthalene	0.070	U	53-70-3	Dibenzo[a,h]anthracene	0.070	U
95-48-7	2-Methylphenol	0.070	U	132-64-9	Dibenzofuran	0.070	U
88-74-4	2-Nitroaniline	0.070	U	84-66-2	Diethylphthalate	0.070	U
88-75-5	2-Nitrophenol	0.070	U	131-11-3	Dimethylphthalate	0.070	U
106-44-5	3&4-Methylphenol	0.070	U	84-74-2	Di-n-butylphthalate	0.070	U
91-94-1	3,3'-Dichlorobenzidine	0.070	U	117-84-0	Di-n-octylphthalate	0.070	U
99-09-2	3-Nitroaniline	0.070	U	206-44-0	Fluoranthene	0.070	U
534-52-1	4,6-Dinitro-2-methylphenol	0.35	U	86-73-7	Fluorene	0.070	U
101-55-3	4-Bromophenyl-phenylether	0.070	U	118-74-1	Hexachlorobenzene	0.070	U
59-50-7	4-Chloro-3-methylphenol	0.070	U	87-68-3	Hexachlorobutadiene	0.070	U
106-47-8	4-Chloroaniline	0.070	U	77-47-4	Hexachlorocyclopentadiene	0.35	U
7005-72-3	4-Chlorophenyl-phenylether	0.070	U	67-72-1	Hexachloroethane	0.070	U
100-01-6	4-Nitroaniline	0.070	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.070	U
100-02-7	4-Nitrophenol	0.070	U	78-59-1	Isophorone	0.070	U
83-32-9	Acenaphthene	0.070	U	91-20-3	Naphthalene	0.070	U
208-96-8	Acenaphthylene	0.070	U	98-95-3	Nitrobenzene	0.070	U
98-86-2	Acetophenone	0.070	U	62-75-9	N-Nitrosodimethylamine	0.070	U
62-53-3	Aniline	0.070	U	621-64-7	N-Nitroso-di-n-propylamine	0.070	U
120-12-7	Anthracene	0.070	U	86-30-6	n-Nitrosodiphenylamine	0.070	U
1912-24-9	Atrazine	0.070	U	87-86-5	Pentachlorophenol	0.35	U
100-52-7	Benzaldehyde	0.070	U	85-01-8	Phenanthrene	0.070	U
92-87-5	Benzidine	0.35	U	108-95-2	Phenol	0.070	U
56-55-3	Benzo[a]anthracene	0.070	U	129-00-0	Pyrene	0.070	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-016
Client Id: 1-30-185-GP-DUP01
Data File: 9M19283.D
Analysis Date: 07/16/09 17:50
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 910ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	86-74-8	Carbazole	2.2	U
95-57-8	2-Chlorophenol	2.2	U	218-01-9	Chrysene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
95-48-7	2-Methylphenol	2.2	U	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	131-11-3	Dimethylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
99-09-2	3-Nitroaniline	2.2	U	206-44-0	Fluoranthene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	118-74-1	Hexachlorobenzene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
106-47-8	4-Chloroaniline	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	67-72-1	Hexachloroethane	2.2	U
100-01-6	4-Nitroaniline	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-02-7	4-Nitrophenol	2.2	U	78-59-1	Isophorone	2.2	U
83-32-9	Acenaphthene	2.2	U	91-20-3	Naphthalene	2.2	U
208-96-8	Acenaphthylene	2.2	U	98-95-3	Nitrobenzene	2.2	U
98-86-2	Acetophenone	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
1912-24-9	Atrazine	2.2	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.2	U	85-01-8	Phenanthrene	2.2	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-017
Client Id: 1-30-185-Rinsate 01
Data File: 9M19284.D
Analysis Date: 07/16/09 18:14
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 990ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	50-32-8	Benzo[a]pyrene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
122-66-7	1,2-Diphenylhydrazine	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	65-85-0	Benzoic Acid	10	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
120-83-2	2,4-Dichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	85-68-7	Butylbenzylphthalate	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	86-74-8	Carbazole	2.0	U
95-57-8	2-Chlorophenol	2.0	U	218-01-9	Chrysene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
95-48-7	2-Methylphenol	2.0	U	132-64-9	Dibenzofuran	2.0	U
88-74-4	2-Nitroaniline	2.0	U	84-66-2	Diethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	131-11-3	Dimethylphthalate	2.0	U
106-44-5	3&4-Methylphenol	2.0	U	84-74-2	Di-n-butylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	117-84-0	Di-n-octylphthalate	2.0	U
99-09-2	3-Nitroaniline	2.0	U	206-44-0	Fluoranthene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	86-73-7	Fluorene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	118-74-1	Hexachlorobenzene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
106-47-8	4-Chloroaniline	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	67-72-1	Hexachloroethane	2.0	U
100-01-6	4-Nitroaniline	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-02-7	4-Nitrophenol	2.0	U	78-59-1	Isophorone	2.0	U
83-32-9	Acenaphthene	2.0	U	91-20-3	Naphthalene	2.0	U
208-96-8	Acenaphthylene	2.0	U	98-95-3	Nitrobenzene	2.0	U
98-86-2	Acetophenone	2.0	U	62-75-9	N-Nitrosodimethylamine	2.0	U
62-53-3	Aniline	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	2.0	U
120-12-7	Anthracene	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
1912-24-9	Atrazine	2.0	U	87-86-5	Pentachlorophenol	10	U
100-52-7	Benzaldehyde	2.0	U	85-01-8	Phenanthrene	2.0	U
92-87-5	Benzidine	10	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-001
Client Id: 1-30-185-SB01 (15-20)
Data File: 2G46354.D
Analysis Date: 07/17/09 17:17
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-002
Client Id: 1-30-185-SB02 (15-20)
Data File: 2G46355.D
Analysis Date: 07/17/09 17:31
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	Aroclor-1221	0.027	U	11096-82-5	Aroclor-1260	0.027	U
11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-003
Client Id: 1-30-185-SB03 (5-10)
Data File: 2G46356.D
Analysis Date: 07/17/09 17:45
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-004
Client Id: 1-30-185-SB04 (10-15)
Data File: 2G46357.D
Analysis Date: 07/17/09 17:59
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-005
Client Id: 1-30-185-SB05 (15-20)
Data File: 2G46348.D
Analysis Date: 07/17/09 15:30
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-006(MS:AC45
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 2G46349.D
Analysis Date: 07/17/09 15:44
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	**Aroclor-1016**	**0.026**	**0.49**	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	**11096-82-5**	**Aroclor-1260**	**0.026**	**0.52**
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	**1336-36-3**	**Aroclor (Total)**	**0.026**	**1.01**

Worksheet #: 124818

Total Target Concentration 1

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-007(MSD:AC
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 2G46350.D
Analysis Date: 07/17/09 15:58
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	**Aroclor-1016**	**0.027**	**0.56**	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	Aroclor-1221	0.027	U	**11096-82-5**	**Aroclor-1260**	**0.027**	**0.59**
11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	**1336-36-3**	**Aroclor (Total)**	**0.027**	**1.15**

Worksheet #: 124818

Total Target Concentration 1.2

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-008
Client Id: 1-30-185-GP01 (30)
Data File: 2G46376.D
Analysis Date: 07/20/09 09:28
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 910ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-009(MS:AC45
Client Id: 1-30-185-GP01(30) MS
Data File: 2G46377.D
Analysis Date: 07/20/09 09:42
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	**Aroclor-1016**	**0.27**	**5.9**	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	**11096-82-5**	**Aroclor-1260**	**0.27**	**6.2**
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	**1336-36-3**	**Aroclor (Total)**	**0.27**	**12.1**

Worksheet #: 124818

Total Target Concentration 12

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-010(MSD:AC
Client Id: 1-30-185-GP01 (30) MSD
Data File: 2G46378.D
Analysis Date: 07/20/09 09:56
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	**Aroclor-1016**	**0.27**	**5.8**	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	**11096-82-5**	**Aroclor-1260**	**0.27**	**6.1**
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	**1336-36-3**	**Aroclor (Total)**	**0.27**	**11.9**

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-011
Client Id: 1-30-185-GP02 (30)
Data File: 2G46385.D
Analysis Date: 07/20/09 12:10
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-012
Client Id: 1-30-185-GP03 (25)
Data File: 2G46386.D
Analysis Date: 07/20/09 12:24
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-013
Client Id: 1-30-185-GP04 (25)
Data File: 2G46387.D
Analysis Date: 07/20/09 12:38
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.26	U	11097-69-1	Aroclor-1254	0.26	U
11104-28-2	Aroclor-1221	0.26	U	11096-82-5	Aroclor-1260	0.26	U
11141-16-5	Aroclor-1232	0.26	U	37324-23-5	Aroclor-1262	0.26	U
53469-21-9	Aroclor-1242	0.26	U	11100-14-4	Aroclor-1268	0.26	U
12672-29-6	Aroclor-1248	0.26	U	1336-36-3	Aroclor (Total)	0.26	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-014
Client Id: 1-30-185-GP05 (25)
Data File: 2G46388.D
Analysis Date: 07/20/09 12:52
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-015
Client Id: 1-30-185-SB-DUP01
Data File: 2G46358.D
Analysis Date: 07/17/09 18:13
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-016
Client Id: 1-30-185-GP-DUP01
Data File: 2G46389.D
Analysis Date: 07/20/09 13:06
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.26	U	11097-69-1	Aroclor-1254	0.26	U
11104-28-2	Aroclor-1221	0.26	U	11096-82-5	Aroclor-1260	0.26	U
11141-16-5	Aroclor-1232	0.26	U	37324-23-5	Aroclor-1262	0.26	U
53469-21-9	Aroclor-1242	0.26	U	11100-14-4	Aroclor-1268	0.26	U
12672-29-6	Aroclor-1248	0.26	U	1336-36-3	Aroclor (Total)	0.26	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-017
Client Id: 1-30-185-Rinsate 01
Data File: 2G46390.D
Analysis Date: 07/20/09 13:20
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-001
Client Id: 1-30-185-SB01 (15-20)
Data File: 6G15724.D
Analysis Date: 07/20/09 08:26
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-002
Client Id: 1-30-185-SB02 (15-20)
Data File: 6G15730.D
Analysis Date: 07/20/09 09:59
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0054	U	7421-93-4	Endrin Aldehyde	0.0054	U
319-84-6	alpha-BHC	0.0011	U	53494-70-5	Endrin Ketone	0.0054	U
319-85-7	beta-BHC	0.0011	U	58-89-9	gamma-BHC	0.0011	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0054	U
319-86-8	delta-BHC	0.0054	U	1024-57-3	Heptachlor Epoxide	0.0054	U
60-57-1	Dieldrin	0.0011	U	72-43-5	Methoxychlor	0.0054	U
959-98-8	Endosulfan I	0.0054	U	72-54-8	p,p'-DDD	0.0027	U
33213-65-9	Endosulfan II	0.0054	U	72-55-9	p,p'-DDE	0.0027	U
1031-07-8	Endosulfan Sulfate	0.0054	U	**50-29-3**	**p,p'-DDT**	**0.0027**	**0.0081**
72-20-8	Endrin	0.0054	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 124444

Total Target Concentration 0.0081

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-003
Client Id: 1-30-185-SB03 (5-10)
Data File: 6G15731.D
Analysis Date: 07/20/09 10:14
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-004
Client Id: 1-30-185-SB04 (10-15)
Data File: 6G15732.D
Analysis Date: 07/20/09 10:29
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-005
Client Id: 1-30-185-SB05 (15-20)
Data File: 6G15725.D
Analysis Date: 07/20/09 08:44
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-006(MS:AC45
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 6G15727.D
Analysis Date: 07/20/09 09:14
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	**Aldrin**	**0.0052**	**0.042**	**7421-93-4**	**Endrin Aldehyde**	**0.0052**	**0.039**
319-84-6	**alpha-BHC**	**0.0010**	**0.040**	**53494-70-5**	**Endrin Ketone**	**0.0052**	**0.049**
319-85-7	**beta-BHC**	**0.0010**	**0.044**	**58-89-9**	**gamma-BHC**	**0.0010**	**0.043**
57-74-9	Chlordane	0.010	U	**76-44-8**	**Heptachlor**	**0.0052**	**0.041**
319-86-8	**delta-BHC**	**0.0052**	**0.043**	**1024-57-3**	**Heptachlor Epoxide**	**0.0052**	**0.046**
60-57-1	**Dieldrin**	**0.0010**	**0.047**	**72-43-5**	**Methoxychlor**	**0.0052**	**0.049**
959-98-8	**Endosulfan I**	**0.0052**	**0.045**	**72-54-8**	**p,p'-DDD**	**0.0026**	**0.047**
33213-65-9	**Endosulfan II**	**0.0052**	**0.050**	**72-55-9**	**p,p'-DDE**	**0.0026**	**0.046**
1031-07-8	**Endosulfan Sulfate**	**0.0052**	**0.048**	**50-29-3**	**p,p'-DDT**	**0.0026**	**0.047**
72-20-8	**Endrin**	**0.0052**	**0.044**	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0.12

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-007(MSD:AC
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 6G15728.D
Analysis Date: 07/20/09 09:29
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	**Aldrin**	**0.0053**	**0.047**	**7421-93-4**	**Endrin Aldehyde**	**0.0053**	**0.043**
319-84-6	**alpha-BHC**	**0.0011**	**0.045**	**53494-70-5**	**Endrin Ketone**	**0.0053**	**0.053**
319-85-7	**beta-BHC**	**0.0011**	**0.050**	**58-89-9**	**gamma-BHC**	**0.0011**	**0.050**
57-74-9	Chlordane	0.011	U	**76-44-8**	**Heptachlor**	**0.0053**	**0.047**
319-86-8	**delta-BHC**	**0.0053**	**0.048**	**1024-57-3**	**Heptachlor Epoxide**	**0.0053**	**0.052**
60-57-1	**Dieldrin**	**0.0011**	**0.052**	**72-43-5**	**Methoxychlor**	**0.0053**	**0.052**
959-98-8	**Endosulfan I**	**0.0053**	**0.050**	**72-54-8**	**p,p'-DDD**	**0.0027**	**0.050**
33213-65-9	**Endosulfan II**	**0.0053**	**0.052**	**72-55-9**	**p,p'-DDE**	**0.0027**	**0.050**
1031-07-8	**Endosulfan Sulfate**	**0.0053**	**0.051**	**50-29-3**	**p,p'-DDT**	**0.0027**	**0.051**
72-20-8	**Endrin**	**0.0053**	**0.050**	8001-35-2	Toxaphene	0.027	U

Worksheet #: 124444

Total Target Concentration 0.34

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-008
Client Id: 1-30-185-GP01 (30)
Data File: 5G22956.D
Analysis Date: 07/20/09 10:08
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 910ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-009(MS:AC45
Client Id: 1-30-185-GP01(30) MS
Data File: 5G22957.D
Analysis Date: 07/20/09 10:26
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	**Aldrin**	**0.011**	**0.53**	**7421-93-4**	**Endrin Aldehyde**	**0.011**	**0.57**
319-84-6	**alpha-BHC**	**0.011**	**0.52**	**53494-70-5**	**Endrin Ketone**	**0.011**	**0.54**
319-85-7	**beta-BHC**	**0.011**	**0.53**	**58-89-9**	**gamma-BHC**	**0.011**	**0.53**
57-74-9	Chlordane	0.11	U	**76-44-8**	**Heptachlor**	**0.011**	**0.53**
319-86-8	**delta-BHC**	**0.011**	**0.52**	**1024-57-3**	**Heptachlor Epoxide**	**0.011**	**0.54**
60-57-1	**Dieldrin**	**0.011**	**0.56**	**72-43-5**	**Methoxychlor**	**0.011**	**0.55**
959-98-8	**Endosulfan I**	**0.011**	**0.53**	**72-54-8**	**p,p'-DDD**	**0.011**	**0.54**
33213-65-9	**Endosulfan II**	**0.011**	**0.56**	**72-55-9**	**p,p'-DDE**	**0.011**	**0.54**
1031-07-8	**Endosulfan Sulfate**	**0.011**	**0.53**	**50-29-3**	**p,p'-DDT**	**0.011**	**0.55**
72-20-8	**Endrin**	**0.011**	**0.57**	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 6.5

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-010(MSD:AC
Client Id: 1-30-185-GP01 (30) MSD
Data File: 5G22958.D
Analysis Date: 07/20/09 10:44
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	**Aldrin**	**0.011**	**0.49**	**7421-93-4**	**Endrin Aldehyde**	**0.011**	**0.55**
319-84-6	**alpha-BHC**	**0.011**	**0.50**	**53494-70-5**	**Endrin Ketone**	**0.011**	**0.52**
319-85-7	**beta-BHC**	**0.011**	**0.51**	**58-89-9**	**gamma-BHC**	**0.011**	**0.51**
57-74-9	Chlordane	0.11	U	**76-44-8**	**Heptachlor**	**0.011**	**0.52**
319-86-8	**delta-BHC**	**0.011**	**0.50**	**1024-57-3**	**Heptachlor Epoxide**	**0.011**	**0.52**
60-57-1	**Dieldrin**	**0.011**	**0.54**	**72-43-5**	**Methoxychlor**	**0.011**	**0.53**
959-98-8	**Endosulfan I**	**0.011**	**0.51**	**72-54-8**	**p,p'-DDD**	**0.011**	**0.51**
33213-65-9	**Endosulfan II**	**0.011**	**0.54**	**72-55-9**	**p,p'-DDE**	**0.011**	**0.52**
1031-07-8	**Endosulfan Sulfate**	**0.011**	**0.51**	**50-29-3**	**p,p'-DDT**	**0.011**	**0.53**
72-20-8	**Endrin**	**0.011**	**0.55**	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 5.7

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-011
Client Id: 1-30-185-GP02 (30)
Data File: 5G22965.D
Analysis Date: 07/20/09 12:55
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-012
Client Id: 1-30-185-GP03 (25)
Data File: 5G22966.D
Analysis Date: 07/20/09 13:13
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-013
Client Id: 1-30-185-GP04 (25)
Data File: 5G22967.D
Analysis Date: 07/20/09 13:31
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.26	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-014
Client Id: 1-30-185-GP05 (25)
Data File: 5G22968.D
Analysis Date: 07/20/09 13:49
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-015
Client Id: 1-30-185-SB-DUP01
Data File: 6G15733.D
Analysis Date: 07/20/09 10:44
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	U	7421-93-4	Endrin Aldehyde	0.0053	U
319-84-6	alpha-BHC	0.0011	U	53494-70-5	Endrin Ketone	0.0053	U
319-85-7	beta-BHC	0.0011	U	58-89-9	gamma-BHC	0.0011	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0053	U
319-86-8	delta-BHC	0.0053	U	1024-57-3	Heptachlor Epoxide	0.0053	U
60-57-1	Dieldrin	0.0011	U	72-43-5	Methoxychlor	0.0053	U
959-98-8	Endosulfan I	0.0053	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0053	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0053	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0053	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-016
Client Id: 1-30-185-GP-DUP01
Data File: 5G22969.D
Analysis Date: 07/20/09 14:07
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.26	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-017
Client Id: 1-30-185-Rinsate 01
Data File: 5G22970.D
Analysis Date: 07/20/09 14:25
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-001	% Solid:	96	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB01 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1900	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-38-2	Arsenic	2.1	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-39-3	Barium	10	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-41-7	Beryllium	0.62	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-43-9	Cadmium	0.62	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-70-2	Calcium	1000	ND	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7440-47-3	Chromium	5.2	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-48-4	Cobalt	2.6	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-50-8	Copper	5.2	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7439-89-6	Iron	210	3300	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7439-92-1	Lead	7.3	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7439-95-4	Magnesium	520	ND	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7439-96-5	Manganese	10	29	100	07/20/09	10390	T10358B2	30	P	PEICP2
7439-97-6	Mercury	0.087	ND	167	07/21/09	10390	H10390S	20	CV	HGCV1
7440-02-0	Nickel	5.2	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-09-7	Potassium	520	ND	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-22-4	Silver	1.6	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-23-5	Sodium	520	ND	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7440-28-0	Thallium	1.2	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-62-2	Vanadium	10	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-66-6	Zinc	10	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-002	% Solid:	93	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB02 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	220	3600	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7440-36-0	Antimony	2.2	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-38-2	Arsenic	2.2	5.2	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-39-3	Barium	11	17	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-41-7	Beryllium	0.65	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-43-9	Cadmium	0.65	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-70-2	Calcium	1100	ND	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7440-47-3	Chromium	5.4	12	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-48-4	Cobalt	2.7	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-50-8	Copper	5.4	44	100	07/20/09	10390	T10358B2	31	P	PEICP2
7439-89-6	Iron	220	13000	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7439-92-1	Lead	7.5	29	100	07/20/09	10390	T10358B2	31	P	PEICP2
7439-95-4	Magnesium	540	ND	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7439-96-5	Manganese	11	180	100	07/20/09	10390	T10358B2	31	P	PEICP2
7439-97-6	Mercury	0.090	ND	167	07/21/09	10390	H10390S	23	CV	HGCV1
7440-02-0	Nickel	5.4	9.2	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-09-7	Potassium	540	ND	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-22-4	Silver	1.6	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-23-5	Sodium	540	ND	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7440-28-0	Thallium	1.3	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-62-2	Vanadium	11	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-66-6	Zinc	11	100	100	07/20/09	10390	T10358B2	31	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-003	% Solid:	97	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB03 (5-10)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1100	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-38-2	Arsenic	2.1	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-39-3	Barium	10	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-41-7	Beryllium	0.62	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-43-9	Cadmium	0.62	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-70-2	Calcium	1000	ND	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7440-47-3	Chromium	5.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-48-4	Cobalt	2.6	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-50-8	Copper	5.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7439-89-6	Iron	210	4000	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7439-92-1	Lead	7.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7439-95-4	Magnesium	520	ND	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7439-96-5	Manganese	10	110	100	07/20/09	10390	T10358B2	32	P	PEICP2
7439-97-6	Mercury	0.086	ND	167	07/21/09	10390	H10390S	24	CV	HGCV1
7440-02-0	Nickel	5.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-09-7	Potassium	520	ND	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-22-4	Silver	1.5	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-23-5	Sodium	520	ND	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7440-28-0	Thallium	1.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-62-2	Vanadium	10	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-66-6	Zinc	10	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-004	% Solid:	97	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB04 (10-15)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1800	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-38-2	Arsenic	2.1	2.2	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-39-3	Barium	10	19	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-41-7	Beryllium	0.62	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-43-9	Cadmium	0.62	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-70-2	Calcium	1000	ND	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7440-47-3	Chromium	5.2	8.0	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-48-4	Cobalt	2.6	3.9	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-50-8	Copper	5.2	9.8	100	07/20/09	10390	T10358B2	33	P	PEICP2
7439-89-6	Iron	210	6300	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7439-92-1	Lead	7.2	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7439-95-4	Magnesium	520	600	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7439-96-5	Manganese	10	200	100	07/20/09	10390	T10358B2	33	P	PEICP2
7439-97-6	Mercury	0.086	ND	167	07/21/09	10390	H10390S	25	CV	HGCV1
7440-02-0	Nickel	5.2	6.4	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-09-7	Potassium	520	ND	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-22-4	Silver	1.5	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-23-5	Sodium	520	ND	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7440-28-0	Thallium	1.2	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-62-2	Vanadium	10	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-66-6	Zinc	10	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-005	% Solid:	97	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB05 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1400	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-38-2	Arsenic	2.1	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-39-3	Barium	10	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-41-7	Beryllium	0.62	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-43-9	Cadmium	0.62	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-70-2	Calcium	1000	ND	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7440-47-3	Chromium	5.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-48-4	Cobalt	2.6	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-50-8	Copper	5.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7439-89-6	Iron	210	4100	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7439-92-1	Lead	7.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7439-95-4	Magnesium	520	ND	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7439-96-5	Manganese	10	27	100	07/20/09	10390	T10358B2	22	P	PEICP2
7439-97-6	Mercury	0.086	ND	167	07/21/09	10390	H10390S	16	CV	HGCV1
7440-02-0	Nickel	5.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-09-7	Potassium	520	ND	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-22-4	Silver	1.5	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-23-5	Sodium	520	ND	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7440-28-0	Thallium	1.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-62-2	Vanadium	10	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-66-6	Zinc	10	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-006	% Solid:	97	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB05 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	2600	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7440-36-0	Antimony	2.1	47	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-38-2	Arsenic	2.1	54	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-39-3	Barium	10	63	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-41-7	Beryllium	0.62	50	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-43-9	Cadmium	0.62	49	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-70-2	Calcium	1000	4900	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7440-47-3	Chromium	5.2	56	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-48-4	Cobalt	2.6	54	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-50-8	Copper	5.2	54	100	07/20/09	10390	T10358B2	24	P	PEICP2
7439-89-6	Iron	210	7600	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7439-92-1	Lead	7.2	51	100	07/20/09	10390	T10358B2	24	P	PEICP2
7439-95-4	Magnesium	520	5200	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7439-96-5	Manganese	10	130	100	07/20/09	10390	T10358B2	24	P	PEICP2
7439-97-6	Mercury	0.086	1.7	167	07/21/09	10390	H10390S	18	CV	HGCV1
7440-02-0	Nickel	5.2	57	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-09-7	Potassium	520	4800	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7782-49-2	Selenium	1.9	48	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-22-4	Silver	1.5	9.1	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-23-5	Sodium	520	4800	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7440-28-0	Thallium	1.2	51	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-62-2	Vanadium	10	55	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-66-6	Zinc	10	60	100	07/20/09	10390	T10358B2	24	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-007	% Solid:	94	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB05 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	2300	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7440-36-0	Antimony	2.1	49	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-38-2	Arsenic	2.1	51	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-39-3	Barium	11	61	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-41-7	Beryllium	0.64	51	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-43-9	Cadmium	0.64	51	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-70-2	Calcium	1100	5000	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7440-47-3	Chromium	5.3	55	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-48-4	Cobalt	2.7	54	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-50-8	Copper	5.3	55	100	07/20/09	10390	T10358B2	25	P	PEICP2
7439-89-6	Iron	210	4200	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7439-92-1	Lead	7.4	53	100	07/20/09	10390	T10358B2	25	P	PEICP2
7439-95-4	Magnesium	530	5400	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7439-96-5	Manganese	11	97	100	07/20/09	10390	T10358B2	25	P	PEICP2
7439-97-6	Mercury	0.089	1.8	167	07/21/09	10390	H10390S	19	CV	HGCV1
7440-02-0	Nickel	5.3	58	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-09-7	Potassium	530	4900	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7782-49-2	Selenium	1.9	50	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-22-4	Silver	1.6	9.3	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-23-5	Sodium	530	5000	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7440-28-0	Thallium	1.3	53	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-62-2	Vanadium	11	56	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-66-6	Zinc	11	60	100	07/20/09	10390	T10358B2	25	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP01 (30)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	450	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-39-3	Barium	50	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-70-2	Calcium	2000	7700	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7439-89-6	Iron	280	1100	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7439-95-4	Magnesium	2000	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7439-96-5	Manganese	40	110	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	14	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B2	13	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-23-5	Sodium	5000	64000	1	07/22/09	10378	SW10378B2	13	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A2	14	P	PEICP2
7440-66-6	Zinc	50	110	1	07/22/09	10378	SW10378A2	14	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP01(30) M	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	27000	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-36-0	Antimony	12	460	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-38-2	Arsenic	7.5	460	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-39-3	Barium	50	560	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-41-7	Beryllium	4.0	460	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-43-9	Cadmium	3.5	460	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-70-2	Calcium	2000	55000	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-47-3	Chromium	50	590	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-48-4	Cobalt	20	470	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-50-8	Copper	50	530	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-89-6	Iron	280	38000	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-92-1	Lead	4.0	470	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-95-4	Magnesium	2000	49000	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-96-5	Manganese	40	1300	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-97-6	Mercury	0.70	9.8	1	07/21/09	10378	H10378SW	16	CV	HGCV2
7440-02-0	Nickel	50	530	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-09-7	Potassium	5000	48000	1	07/22/09	10378	SW10378B2	15	P	PEICPRAD2
7782-49-2	Selenium	40	450	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-22-4	Silver	20	83	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-23-5	Sodium	5000	110000	1	07/22/09	10378	SW10378B2	15	P	PEICPRAD2
7440-28-0	Thallium	10	480	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-62-2	Vanadium	50	480	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-66-6	Zinc	50	1300	1	07/22/09	10378	SW10378A2	16	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP01 (30) M	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	5200	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-36-0	Antimony	12	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-38-2	Arsenic	7.5	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-39-3	Barium	50	520	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-41-7	Beryllium	4.0	460	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-43-9	Cadmium	3.5	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-70-2	Calcium	2000	54000	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-47-3	Chromium	50	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-48-4	Cobalt	20	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-50-8	Copper	50	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7439-89-6	Iron	280	5700	1	07/22/09	10378	SW10378A217		P	PEICP2
7439-92-1	Lead	4.0	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7439-95-4	Magnesium	2000	48000	1	07/22/09	10378	SW10378A217		P	PEICP2
7439-96-5	Manganese	40	570	1	07/22/09	10378	SW10378A217		P	PEICP2
7439-97-6	Mercury	0.70	9.9	1	07/21/09	10378	H10378SW17		CV	HGCV2
7440-02-0	Nickel	50	480	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-09-7	Potassium	5000	48000	1	07/22/09	10378	SW10378B216		P	PEICPRAD2
7782-49-2	Selenium	40	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-22-4	Silver	20	85	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-23-5	Sodium	5000	110000	1	07/22/09	10378	SW10378B216		P	PEICPRAD2
7440-28-0	Thallium	10	490	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-62-2	Vanadium	50	470	1	07/22/09	10378	SW10378A217		P	PEICP2
7440-66-6	Zinc	50	600	1	07/22/09	10378	SW10378A217		P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-011	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP02 (30)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	510	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-39-3	Barium	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-70-2	Calcium	2000	4600	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-89-6	Iron	280	1600	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-95-4	Magnesium	2000	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-96-5	Manganese	40	66	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	18	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	223	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-23-5	Sodium	5000	ND	1	07/22/09	10378	SW10378B	223	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-66-6	Zinc	50	170	1	07/22/09	10378	SW10378A	238	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP03 (25)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	6100	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-39-3	Barium	50	280	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-70-2	Calcium	2000	53000	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-89-6	Iron	280	14000	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-95-4	Magnesium	2000	5900	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-96-5	Manganese	40	1400	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	19	CV	HGCV2
7440-02-0	Nickel	50	54	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-09-7	Potassium	5000	7700	1	07/22/09	10378	SW10378B	224	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-23-5	Sodium	5000	130000	1	07/22/09	10378	SW10378B	224	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-66-6	Zinc	50	600	1	07/22/09	10378	SW10378A	239	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-013	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP04 (25)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	260	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-39-3	Barium	50	210	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-70-2	Calcium	2000	55000	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-48-4	Cobalt	20	21	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-89-6	Iron	280	2200	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-95-4	Magnesium	2000	11000	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-96-5	Manganese	40	510	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	20	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-09-7	Potassium	5000	6800	1	07/22/09	10378	SW10378B	225	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-23-5	Sodium	5000	180000	1	07/22/09	10378	SW10378B	225	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-66-6	Zinc	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-014	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP05 (25)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	430	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-39-3	Barium	50	110	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-70-2	Calcium	2000	20000	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-89-6	Iron	280	3900	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-95-4	Magnesium	2000	4700	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-96-5	Manganese	40	270	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	23	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	226	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-23-5	Sodium	5000	200000	1	07/22/09	10378	SW10378B	226	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-66-6	Zinc	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-015	% Solid:	95	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB-DUP01	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1600	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-38-2	Arsenic	2.1	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-39-3	Barium	11	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-41-7	Beryllium	0.63	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-43-9	Cadmium	0.63	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-70-2	Calcium	1100	ND	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7440-47-3	Chromium	5.3	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-48-4	Cobalt	2.6	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-50-8	Copper	5.3	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7439-89-6	Iron	210	3400	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7439-92-1	Lead	7.4	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7439-95-4	Magnesium	530	ND	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7439-96-5	Manganese	11	36	100	07/20/09	10390	T10358B2	34	P	PEICP2
7439-97-6	Mercury	0.088	ND	167	07/21/09	10390	H10390S	26	CV	HGCV1
7440-02-0	Nickel	5.3	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-09-7	Potassium	530	ND	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-22-4	Silver	1.6	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-23-5	Sodium	530	ND	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7440-28-0	Thallium	1.3	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-62-2	Vanadium	11	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-66-6	Zinc	11	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-016	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP-DUP01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	20000	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-38-2	Arsenic	7.5	11	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-39-3	Barium	50	64	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-70-2	Calcium	2000	5000	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-89-6	Iron	280	40000	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-92-1	Lead	4.0	13	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-95-4	Magnesium	2000	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-96-5	Manganese	40	230	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	24	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	227	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-23-5	Sodium	5000	ND	1	07/22/09	10378	SW10378B	227	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-66-6	Zinc	50	250	1	07/22/09	10378	SW10378A	242	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-017	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-Rinsate 01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-39-3	Barium	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-70-2	Calcium	2000	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-89-6	Iron	280	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-92-1	Lead	4.0	7.5	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-95-4	Magnesium	2000	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-96-5	Manganese	40	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	25	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	228	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-23-5	Sodium	5000	ND	1	07/22/09	10378	SW10378B	228	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-66-6	Zinc	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 9071502**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	RL	Prep Date	Analysis Date	Received Date	Collect Date
AC45774-001	1-30-185-SB01	Soil	1	96	Percent			07/16/09	07/15/09	07/14/09
AC45774-002	1-30-185-SB02	Soil	1	93	Percent			07/16/09	07/15/09	07/14/09
AC45774-003	1-30-185-SB03	Soil	1	97	Percent			07/16/09	07/15/09	07/15/09
AC45774-004	1-30-185-SB04	Soil	1	97	Percent			07/16/09	07/15/09	07/14/09
AC45774-005	1-30-185-SB05	Soil	1	97	Percent			07/16/09	07/15/09	07/13/09
AC45774-006	1-30-185-SB05 M	Soil	1	97	Percent			07/16/09	07/15/09	07/13/09
AC45774-007	1-30-185-SB05 M	Soil	1	94	Percent			07/16/09	07/15/09	07/13/09
AC45774-015	1-30-185-SB-DUP	Soil	1	95	Percent			07/16/09	07/15/09	07/14/09

Chain of Custody Forms

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD**

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 198 Route 46 East, 1st Floor, Fairfield, New Jersey 07004

Ph: 800-426-9992
Fax: 973-439-1458

Project#(Lab Use Only): 9071502

Page 1 of 2

NELAC/NJ# 07071/07069 CT# PH-0671 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

0145

Customer Information

1a) Customer: EA ENGINEERING
Address: 6712 Brooklawn Pkwy Ste 104 Syracuse NY 13211

1b) Email/Cell/Fax/Ph: dcrandall@eaest.com

1c) Send Invoice To: DAVE CRANDALL

1d) Send Report To: SAME

Project Information

2a) Project: 14368.35 Pendaflex

2b) Project Manager: Dan Cullican

2c) Location (City/State): Garden City, NY

2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	(Hazsite/Csv)
48-Hour(75%)	Waste	Equis
72-Hour (50%)	Red-NJ/NY/PA	Excel-NJCC
4 Day (TPH)	CLP	Excel-Nytagm
1-Week(25%)	(Full/Cat-B)	Excel-PAActII
10 Days(10%)	Cat-A	(PDF)
(Standard)	Other: NYSDEC	Other:
Other:		

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY

Batch# AC45774

Check if Contingent===> <===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	8260B VOC	8270C SVOC	6010/7470 Metals Mercury	8081/8082 Pest/PCBs	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-001	1-30-185-SB01 (15-20)	SO	7-14-09	930		X	X	X	X	X	2								
-002	1-30-185-SB02 (15-20)	SO	7-14-09	1330		X	X	X	X	X	2								
-003	1-30-185-SB03 (5-10)	SO	7-15-09	910		X	X	X	X	X	2								
-004	1-30-185-SB04 (10-15)	SO	7-14-09	1705		X	X	X	X	X	2								
-005-007	1-30-185-SB05 (15-20)	SO	7-13-09	1530		X	X	X	X	X	6								MS/MSD
-008-010	1-30-185-GP01 (30)	GW	7/14/09	900		X	X	X	X	X	12				9		3		MS/MSD
-011	1-30-185-GP02 (30)	GW	7-14-09	1230		X	X	X	X	X	4				3		1		
-012	1-30-185-GP03 (25)	GW	7-15-09	815		X	X	X	X	X	4				3		1		GP03 (25)
-013	1-30-185-GP04 (25)	GW	7-14-09	1730		X	X	X	X	X	4				3		1		GP04 (25)
-014	1-30-185-GP05 (25)	GW	7-14-09	1515		X	X	X	X	X	4				3		1		GP05 (25)

10) Relinquished By:	Accepted By	Date	Time
		7/15/09	1015
		7/15/09	1325

Comments, Notes, Special Requirements, HAZARDS

11) Sampler: Date: 7/15/09

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

Cooler Tmp: 3.0 / 3.7 / 2.5 / 2.4

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD** — Ph: 800-426-9992 Fax: 973-439-1458 — Project#(Lab Use Only) — Page 2 of 2

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 198 Route 46 East, 1st Floor, Fairfield, New Jersey 07004

NELAC/NJ# 07071/07069 CT# PH-0671 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

0143

Customer Information

1a) Customer: EA ENGINEERING
Address: Syracuse NY

1b) Email/Cell/Fax/Ph: dcrandall@eaest.com

1c) Send Invoice To: Dave Crandall

1d) Send Report To: Same

Project Information

2a) Project: 14368.35 Pendaflex

2b) Project Manager: Dan Sullivan

2c) Location (City/State): Garden City, NY

2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	(Hazsite/Csv)
48-Hour(75%)	Waste	Equis
72-Hour (50%)	Red-NJ/NY/PA	Excel-NJCC
4 Day (TPH)	CLP	Excel-Nytagm
1-Week(25%)	(Full/Cat-B)	Excel-PAActII
10 Days(10%)	Cat-A	(PDF)
(Standard)	Other: NYSDEC	Other:
Other:		

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY

Batch# AC45774

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Check if Contingent===> <===Check if Contingent

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	VOC	SVOC	TAL Metals + Mercury	Pest. / PCB	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-015	I-30-185-SB-DUP01	S	7/14/09			X	X	X	X	X	2								
-016	I-30-185-GP-DUP01	GW	7/14/09			X	X	X	X	X	4				3		1		
-017	I-30-185-~~RB01~~ Rinsate01		7-14-09	1700		X	X	X	X	X	4				3		1		Rinse Blank
-018	I-30-185-GP05(100)	GW	7-15-09	1040		X	X	~~X~~	~~X~~	~~X~~					3				VOC Only
-019	I-30-185-GP05(85)	GW	7-15-09	1100		X	X								3				
-020	I-30-185-GP05(70)	GW	7-15-09	1200		X	X								3				
-021	I-30-185-GP05(55)	GW	7-15-09	1210		X	X								3				
-022	I-30-185-GP05(40)	GW	7-15-09	1220		X	X								3				
-023	~~I-30-185~~ TB per DL		7/14/09	9/3/09 SD			X								.				
	I-30-185																		

10) Relinquished By:	Accepted By	Date	Time
		7/15/09	1215
		7/15/09	1325

Comments, Notes, Special Requirements, HAZARDS

11) Sampler: Date: 7/15/09

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

Cooler Tmp: 3.6, 3.7, 2.9, 2.9

CONDITION UPON RECEIPT

Batch Number AC45774 Entered By: fRANTZ

Date Entered 7/15/2009 2:19:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 3.0,3.7,2.9,2.4
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	NO	Do the contents match the COC? If no, specify Trip Blank 7/7/09 received but was not listed on the COC.
10	YES	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	YES	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken). 9-Per Dan Cullican the TB should be listed on the COC. MS 7/16/09

PRESERVATION DOCUMENT

Batch Number AC45774 Entered By: fRANTZ

Date Entered 7/15/2009 1:51:00 PM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC45774-001	NA	NA	NA	NA	NA
AC45774-002	NA	NA	NA	NA	NA
AC45774-003	NA	NA	NA	NA	NA
AC45774-004	NA	NA	NA	NA	NA
AC45774-005	NA	NA	NA	NA	NA
AC45774-006	NA	NA	NA	NA	NA
AC45774-007	NA	NA	NA	NA	NA
AC45774-008	40ml	G	VO+10	HCL	1
AC45774-008	1L	P	METALS	HNO3	1
AC45774-008	1L	G	PEST	NONE	7
AC45774-009	1L	G	PEST	NONE	7
AC45774-009	40ml	G	VO+10	HCL	1
AC45774-009	1L	P	METALS	HNO3	1
AC45774-010	1L	P	METALS	HNO3	1
AC45774-010	40ml	G	VO+10	HCL	1
AC45774-010	1L	G	PEST	NONE	7
AC45774-011	1L	G	PEST	NONE	7
AC45774-011	40ml	G	VO+10	HCL	1
AC45774-011	1L	P	METALS	HNO3	1
AC45774-012	1L	P	METALS	HNO3	1
AC45774-012	40ml	G	VO+10	HCL	1
AC45774-012	1L	G	PEST	NONE	7
AC45774-013	1L	G	PEST	NONE	7
AC45774-013	40ml	G	VO+10	HCL	1
AC45774-013	1L	P	METALS	HNO3	1
AC45774-014	1L	P	METALS	HNO3	1
AC45774-014	40ml	G	VO+10	HCL	1
AC45774-014	1L	G	PEST	NONE	7
AC45774-015	NA	NA	NA	NA	NA
AC45774-016	40ml	G	VO+10	HCL	1
AC45774-016	1L	P	METALS	HNO3	1
AC45774-016	1L	G	PEST	NONE	7
AC45774-017	40ml	G	VO+10	HCL	1
AC45774-018	40ml	G	VO+10	HCL	1
AC45774-019	40ml	G	VO+10	HCL	1
AC45774-020	40ml	G	VO+10	HCL	1
AC45774-021	40ml	G	VO+10	HCL	1
AC45774-022	40ml	G	VO+10	HCL	1
AC45774-023	40ml	G	VO+10	HCL	1

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC45774-001	07/15/09 13:25	FRAN	0	M	Received
AC45774-001	07/15/09 13:49	FRAN	0	M	Login
AC45774-001	07/16/09 08:29	R21	1	A	NONE
AC45774-001	07/16/09 10:13	WP	1	A	voa
AC45774-001	07/16/09 10:47	R21	1	A	NONE
AC45774-001	07/15/09 14:08	R12	2	A	NONE
AC45774-001	07/16/09 07:13	PA	2	A	MIXING
AC45774-001	07/16/09 10:12	JAD	2	A	%solids
AC45774-001	07/16/09 10:29	NNM	2	A	SULFUR
AC45774-001	07/16/09 16:11	R12	2	A	NONE
AC45774-001	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-001	07/16/09 19:42	R12	2	A	NONE
AC45774-001	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-001	07/17/09 10:56	R12	2	A	NONE
AC45774-001	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-001	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-001	07/18/09 14:25	R12	2	A	NONE
AC45774-002	07/15/09 13:25	FRAN	0	M	Received
AC45774-002	07/15/09 13:49	FRAN	0	M	Login
AC45774-002	07/16/09 08:29	R21	1	A	NONE
AC45774-002	07/16/09 10:13	WP	1	A	voa
AC45774-002	07/16/09 10:47	R21	1	A	NONE
AC45774-002	07/15/09 14:08	R12	2	A	NONE
AC45774-002	07/16/09 07:13	PA	2	A	MIXING
AC45774-002	07/16/09 10:12	JAD	2	A	%solids
AC45774-002	07/16/09 12:08	R12	2	A	NONE
AC45774-002	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-002	07/16/09 19:42	R12	2	A	NONE
AC45774-002	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-002	07/17/09 10:56	R12	2	A	NONE
AC45774-002	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-002	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-002	07/18/09 14:25	R12	2	A	NONE
AC45774-003	07/15/09 13:25	FRAN	0	M	Received
AC45774-003	07/15/09 13:49	FRAN	0	M	Login
AC45774-003	07/16/09 08:29	R21	1	A	NONE
AC45774-003	07/16/09 10:13	WP	1	A	voa
AC45774-003	07/16/09 10:47	R21	1	A	NONE
AC45774-003	07/15/09 14:08	R12	2	A	NONE
AC45774-003	07/16/09 07:13	PA	2	A	MIXING
AC45774-003	07/16/09 10:12	JAD	2	A	%solids
AC45774-003	07/16/09 12:08	R12	2	A	NONE
AC45774-003	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-003	07/16/09 19:42	R12	2	A	NONE
AC45774-003	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-003	07/17/09 10:56	R12	2	A	NONE
AC45774-003	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-003	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-003	07/18/09 14:25	R12	2	A	NONE
AC45774-004	07/15/09 13:25	FRAN	0	M	Received
AC45774-004	07/15/09 13:49	FRAN	0	M	Login
AC45774-004	07/16/09 08:29	R21	1	A	NONE
AC45774-004	07/16/09 10:13	WP	1	A	voa
AC45774-004	07/16/09 10:47	R21	1	A	NONE
AC45774-004	07/15/09 14:08	R12	2	A	NONE
AC45774-004	07/16/09 07:13	PA	2	A	MIXING
AC45774-004	07/16/09 10:12	JAD	2	A	%solids
AC45774-004	07/16/09 12:08	R12	2	A	NONE
AC45774-004	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-004	07/16/09 19:42	R12	2	A	NONE
AC45774-004	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-004	07/17/09 10:56	R12	2	A	NONE
AC45774-004	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-004	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-004	07/18/09 14:25	R12	2	A	NONE
AC45774-005	07/15/09 13:25	FRAN	0	M	Received
AC45774-005	07/15/09 13:49	FRAN	0	M	Login
AC45774-005	07/16/09 08:29	R21	1	A	NONE
AC45774-005	07/16/09 10:13	WP	1	A	voa
AC45774-005	07/16/09 10:47	R21	1	A	NONE
AC45774-005	07/15/09 14:08	R12	2	A	NONE
AC45774-005	07/16/09 07:13	PA	2	A	MIXING
AC45774-005	07/16/09 10:12	JAD	2	A	%solids
AC45774-005	07/16/09 12:08	R12	2	A	NONE
AC45774-005	07/16/09 16:58	MANSI	2	A	s,bna

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC45774-005	07/16/09 19:42	R12	2	A	NONE
AC45774-005	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-005	07/17/09 10:56	R12	2	A	NONE
AC45774-005	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-005	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-005	07/18/09 14:25	R12	2	A	NONE
AC45774-005	07/16/09 08:32	R22	3	A	NONE
AC45774-005	07/16/09 08:32	R22	4	A	NONE
AC45774-006	07/15/09 13:25	FRAN	0	M	Received
AC45774-006	07/15/09 13:49	FRAN	0	M	Login
AC45774-006	07/16/09 08:29	R21	1	A	NONE
AC45774-006	07/16/09 10:13	WP	1	A	voa
AC45774-006	07/16/09 10:47	R21	1	A	NONE
AC45774-006	07/15/09 14:08	R12	2	A	NONE
AC45774-006	07/16/09 07:13	PA	2	A	MIXING
AC45774-006	07/16/09 10:12	JAD	2	A	%solids
AC45774-006	07/16/09 12:08	R12	2	A	NONE
AC45774-006	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-006	07/16/09 19:42	R12	2	A	NONE
AC45774-006	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-006	07/17/09 10:56	R12	2	A	NONE
AC45774-006	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-006	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-006	07/18/09 14:25	R12	2	A	NONE
AC45774-007	07/15/09 13:25	FRAN	0	M	Received
AC45774-007	07/15/09 13:49	FRAN	0	M	Login
AC45774-007	07/16/09 08:29	R21	1	A	NONE
AC45774-007	07/16/09 10:13	WP	1	A	voa
AC45774-007	07/16/09 10:47	R21	1	A	NONE
AC45774-007	07/15/09 14:08	R12	2	A	NONE
AC45774-007	07/16/09 07:13	PA	2	A	MIXING
AC45774-007	07/16/09 10:12	JAD	2	A	%solids
AC45774-007	07/16/09 12:08	R12	2	A	NONE
AC45774-007	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-007	07/16/09 19:42	R12	2	A	NONE
AC45774-007	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-007	07/17/09 10:56	R12	2	A	NONE
AC45774-007	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-007	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-007	07/18/09 14:25	R12	2	A	NONE
AC45774-008	07/15/09 13:25	FRAN	0	M	Received
AC45774-008	07/15/09 13:49	FRAN	0	M	Login
AC45774-008	07/16/09 08:32	R22	2	A	NONE
AC45774-008	07/16/09 13:36	WP	2	A	VOA
AC45774-008	07/16/09 08:32	R22	3	A	NONE
AC45774-008	07/17/09 08:10	SG	3	A	VOA
AC45774-008	07/15/09 14:08	R12	4	A	NONE
AC45774-008	07/20/09 11:38	OA	4	M	TDWI/HG
AC45774-008	07/20/09 15:08	R12	4	A	NONE
AC45774-008	07/15/09 14:08	R12	5	A	NONE
AC45774-008	07/15/09 14:08	R12	6	A	NONE
AC45774-008	07/17/09 10:32	KALPE	6	A	A-P/P
AC45774-008	07/15/09 14:08	R12	7	A	NONE
AC45774-008	07/15/09 14:08	R12	8	A	NONE
AC45774-008	07/16/09 09:07	JOLA	8	A	A,BN
AC45774-009	07/15/09 13:25	FRAN	0	M	Received
AC45774-009	07/15/09 13:49	FRAN	0	M	Login
AC45774-009	07/15/09 14:08	R12	1	A	NONE
AC45774-009	07/20/09 11:38	OA	1	M	TDWI/HG
AC45774-009	07/20/09 15:08	R12	1	A	NONE
AC45774-009	07/15/09 14:08	R12	2	A	NONE
AC45774-009	07/16/09 09:07	JOLA	2	A	A,BN
AC45774-009	07/15/09 14:08	R12	3	A	NONE
AC45774-009	07/17/09 10:32	KALPE	3	A	A-P/P
AC45774-009	07/15/09 14:08	R12	4	A	NONE
AC45774-009	07/15/09 14:08	R12	5	A	NONE
AC45774-009	07/17/09 10:32	KALPE	5	A	A-P/P
AC45774-009	07/16/09 08:32	R22	7	A	NONE
AC45774-009	07/16/09 13:36	WP	7	A	VOA
AC45774-009	07/16/09 08:32	R22	8	A	NONE
AC45774-010	07/15/09 13:25	FRAN	0	M	Received
AC45774-010	07/15/09 13:49	FRAN	0	M	Login
AC45774-010	07/16/09 08:32	R22	2	A	NONE
AC45774-010	07/16/09 13:36	WP	2	A	VOA
AC45774-010	07/16/09 08:32	R22	3	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC45774-010	07/15/09 14:08	R12	4	A	NONE
AC45774-010	07/20/09 11:38	OA	4	M	TDWI/HG
AC45774-010	07/20/09 15:08	R12	4	A	NONE
AC45774-010	07/15/09 14:08	R12	5	A	NONE
AC45774-010	07/17/09 10:32	KALPE	5	A	A-P/P
AC45774-010	07/15/09 14:08	R12	6	A	NONE
AC45774-010	07/15/09 14:08	R12	7	A	NONE
AC45774-010	07/16/09 09:07	JOLA	7	A	A,BN
AC45774-010	07/15/09 14:08	R12	8	A	NONE
AC45774-010	07/17/09 10:32	KALPE	8	A	A-P/P
AC45774-011	07/15/09 13:25	FRAN	0	M	*Received*
AC45774-011	07/15/09 13:49	FRAN	0	M	Login
AC45774-011	07/16/09 08:32	R22	2	A	NONE
AC45774-011	07/16/09 13:36	WP	2	A	VOA
AC45774-011	07/16/09 08:32	R22	3	A	NONE
AC45774-011	07/17/09 13:10	WP	3	A	VOA
AC45774-011	07/15/09 14:08	R12	4	A	NONE
AC45774-011	07/20/09 11:38	OA	4	M	TDWI/HG
AC45774-011	07/20/09 15:08	R12	4	A	NONE
AC45774-011	07/15/09 14:08	R12	5	A	NONE
AC45774-011	07/15/09 14:08	R12	6	A	NONE
AC45774-011	07/15/09 14:08	R12	7	A	NONE
AC45774-011	07/17/09 10:32	KALPE	7	A	A-P/P
AC45774-011	07/15/09 14:08	R12	8	A	NONE
AC45774-011	07/16/09 09:07	JOLA	8	A	A,BN
AC45774-012	07/15/09 13:25	FRAN	0	M	Received
AC45774-012	07/15/09 13:49	FRAN	0	M	Login
AC45774-012	07/15/09 14:08	R12	1	A	NONE
AC45774-012	07/20/09 11:38	OA	1	M	TDWI/HG
AC45774-012	07/20/09 15:08	R12	1	A	NONE
AC45774-012	07/15/09 14:08	R12	2	A	NONE
AC45774-012	07/16/09 09:07	JOLA	2	A	A,BN
AC45774-012	07/15/09 14:08	R12	3	A	NONE
AC45774-012	07/15/09 14:08	R12	4	A	NONE
AC45774-012	07/15/09 14:08	R12	5	A	NONE
AC45774-012	07/17/09 10:32	KALPE	5	A	A-P/P
AC45774-012	07/16/09 08:32	R22	7	A	NONE
AC45774-012	07/17/09 08:10	SG	7	A	VOA
AC45774-012	07/16/09 08:32	R22	8	A	NONE
AC45774-012	07/16/09 13:36	WP	8	A	VOA
AC45774-013	07/15/09 13:25	FRAN	0	M	Received
AC45774-013	07/15/09 13:49	FRAN	0	M	Login
AC45774-013	07/16/09 08:32	R22	2	A	NONE
AC45774-013	07/16/09 13:36	WP	2	A	VOA
AC45774-013	07/16/09 08:32	R22	3	A	NONE
AC45774-013	07/15/09 14:08	R12	4	A	NONE
AC45774-013	07/20/09 11:38	OA	4	M	TDWI/HG
AC45774-013	07/20/09 15:08	R12	4	A	NONE
AC45774-013	07/15/09 14:08	R12	5	A	NONE
AC45774-013	07/17/09 10:32	KALPE	5	A	A-P/P
AC45774-013	07/15/09 14:08	R12	6	A	NONE
AC45774-013	07/16/09 09:07	JOLA	6	A	A,BN
AC45774-013	07/15/09 14:08	R12	7	A	NONE
AC45774-013	07/15/09 14:08	R12	8	A	NONE
AC45774-014	07/15/09 13:25	FRAN	0	M	Received
AC45774-014	07/15/09 13:49	FRAN	0	M	Login
AC45774-014	07/15/09 14:08	R12	1	A	NONE
AC45774-014	07/20/09 11:38	OA	1	M	TDWI/HG
AC45774-014	07/20/09 15:08	R12	1	A	NONE
AC45774-014	07/15/09 14:08	R12	2	A	NONE
AC45774-014	07/15/09 14:08	R12	3	A	NONE
AC45774-014	07/17/09 10:32	KALPE	3	A	A-P/P
AC45774-014	07/15/09 14:08	R12	4	A	NONE
AC45774-014	07/16/09 09:07	JOLA	4	A	A,BN
AC45774-014	07/15/09 14:08	R12	5	A	NONE
AC45774-014	07/16/09 08:28	SG	12	M	VOA
AC45774-015	07/15/09 13:25	FRAN	0	M	Received
AC45774-015	07/15/09 13:49	FRAN	0	M	Login
AC45774-015	07/15/09 14:08	R12	1	A	NONE
AC45774-015	07/16/09 07:13	PA	1	A	MIXING
AC45774-015	07/16/09 10:12	JAD	1	A	%solids
AC45774-015	07/16/09 12:08	R12	1	A	NONE
AC45774-015	07/16/09 16:58	MANSI	1	A	s,bna
AC45774-015	07/16/09 19:42	R12	1	A	NONE
AC45774-015	07/17/09 08:57	JOLA	1	A	S,PE/PCB
AC45774-015	07/17/09 10:56	R12	1	A	NONE
AC45774-015	07/18/09 10:29	OA	1	A	TDSI/HG
AC45774-015	07/18/09 10:30	OA	1	A	TDSI/HG
AC45774-015	07/18/09 14:25	R12	1	A	NONE
AC45774-015	07/16/09 08:29	R21	2	A	NONE
AC45774-015	07/16/09 10:13	WP	2	A	voa
AC45774-015	07/16/09 10:47	R21	2	A	NONE
AC45774-016	07/15/09 13:25	FRAN	0	M	Received
AC45774-016	07/15/09 13:49	FRAN	0	M	Login
AC45774-016	07/16/09 08:32	R22	1	A	NONE
AC45774-016	07/16/09 08:32	R22	2	A	NONE
AC45774-016	07/16/09 13:36	WP	2	A	VOA
AC45774-016	07/15/09 14:08	R12	4	A	NONE
AC45774-016	07/15/09 14:08	R12	5	A	NONE
AC45774-016	07/15/09 14:08	R12	6	A	NONE
AC45774-016	07/16/09 09:07	JOLA	6	A	A,BN
AC45774-016	07/15/09 14:08	R12	7	A	NONE
AC45774-016	07/17/09 10:32	KALPE	7	A	A-P/P
AC45774-016	07/15/09 14:08	R12	8	A	NONE
AC45774-016	07/20/09 11:38	OA	8	M	TDWI/HG
AC45774-016	07/20/09 15:08	R12	8	A	NONE
AC45774-017	07/15/09 13:25	FRAN	0	M	Received
AC45774-017	07/15/09 13:49	FRAN	0	M	Login
AC45774-017	07/15/09 14:08	R12	1	A	NONE
AC45774-017	07/15/09 14:08	R12	2	A	NONE
AC45774-017	07/17/09 10:32	KALPE	2	A	A-P/P
AC45774-017	07/15/09 14:08	R12	3	A	NONE
AC45774-017	07/16/09 09:07	JOLA	3	A	A,BN
AC45774-017	07/15/09 14:08	R12	4	A	NONE
AC45774-017	07/15/09 14:08	R12	5	A	NONE
AC45774-017	07/20/09 11:38	OA	5	M	TDWI/HG
AC45774-017	07/20/09 15:08	R12	5	A	NONE
AC45774-017	07/16/09 08:32	R22	6	A	NONE
AC45774-017	07/16/09 13:36	WP	6	A	VOA
AC45774-017	07/16/09 08:32	R22	7	A	NONE
AC45774-018	07/15/09 13:25	FRAN	0	M	Received
AC45774-018	07/15/09 13:49	FRAN	0	M	Login
AC45774-018	07/16/09 08:32	R22	1	A	NONE
AC45774-018	07/16/09 08:32	R22	2	A	NONE
AC45774-018	07/16/09 13:36	WP	2	A	VOA
AC45774-019	07/15/09 13:25	FRAN	0	M	Received
AC45774-019	07/15/09 13:49	FRAN	0	M	Login
AC45774-019	07/16/09 08:32	R22	1	A	NONE
AC45774-019	07/16/09 08:32	R22	2	A	NONE
AC45774-019	07/16/09 13:36	WP	2	A	VOA
AC45774-020	07/15/09 13:25	FRAN	0	M	Received
AC45774-020	07/15/09 13:49	FRAN	0	M	Login
AC45774-020	07/16/09 08:32	R22	2	A	NONE
AC45774-020	07/16/09 13:36	WP	2	A	VOA
AC45774-020	07/16/09 08:32	R22	3	A	NONE
AC45774-021	07/15/09 13:25	FRAN	0	M	Received
AC45774-021	07/15/09 13:49	FRAN	0	M	Login
AC45774-021	07/16/09 08:32	R22	2	A	NONE
AC45774-021	07/16/09 13:36	WP	2	A	VOA
AC45774-021	07/16/09 19:30	R22	2	M	NONE
AC45774-021	07/16/09 08:32	R22	3	A	NONE
AC45774-021	07/22/09 11:44	SG	5	A	VOA
AC45774-022	07/15/09 13:25	FRAN	0	M	Received
AC45774-022	07/15/09 13:49	FRAN	0	M	Login
AC45774-022	07/16/09 08:32	R22	2	A	NONE
AC45774-022	07/16/09 13:36	WP	2	A	VOA
AC45774-022	07/16/09 08:32	R22	3	A	NONE
AC45774-023	07/15/09 13:25	FRAN	0	M	Received
AC45774-023	07/15/09 13:49	FRAN	0	M	Login
AC45774-023	07/16/09 08:32	R22	2	A	NONE
AC45774-023	07/21/09 08:38	WP	2	A	VOA
AC45774-023	07/16/09 08:32	R22	3	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

GC/MS Volatile Data

GC/MS Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8260B

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
1M47036.D	DAILY BLANK	Soil	07/16/09 07:38	1		114	104	111	92		
2M43901.D	DAILY BLANK	Aqueous	07/17/09 06:36	1		111	112	99	99		
8M39705.D	DAILY BLANK	Aqueous	07/16/09 13:09	1		98	102	102	103		
8M39743.D	DAILY BLANK	Aqueous	07/17/09 06:29	1		107	108	96	105		
8M39874.D	DAILY BLANK	Aqueous	07/21/09 08:39	1		107	99	95	96		
8M39948.D	DAILY BLANK	Aqueous	07/22/09 10:20	1		112	105	93	93		
1M47049.D	AC45774-001	Soil	07/16/09 11:37	1		99	98	95	97		
1M47050.D	AC45774-002	Soil	07/16/09 11:54	1		102	109	98	100		
1M47052.D	AC45774-003	Soil	07/16/09 12:28	1		100	97	99	100		
1M47053.D	AC45774-004	Soil	07/16/09 12:46	1		106	104	97	98		
1M47054.D	AC45774-005	Soil	07/16/09 13:03	1		101	103	96	100		
1M47055.D	AC45774-006(	Soil	07/16/09 13:20	1		100	111	99	103		
1M47056.D	AC45774-007(	Soil	07/16/09 13:37	1		100	100	101	100		
8M39751.D	AC45774-008	Aqueous	07/17/09 08:39	1		100	100	94	100		
8M39714.D	AC45774-009(	Aqueous	07/16/09 15:52	1		99	103	96	99		
8M39715.D	AC45774-010(	Aqueous	07/16/09 16:09	1		100	94	104	98		
2M43934.D	AC45774-011	Aqueous	07/17/09 15:36	1		99	98	93	98		
8M39717.D	AC45774-012	Aqueous	07/16/09 16:41	1		103	111	100	103		
8M39718.D	AC45774-013	Aqueous	07/16/09 16:58	1		105	114	103	107		
8M39724.D	AC45774-014	Aqueous	07/16/09 18:35	1		102	103	96	100		
1M47057.D	AC45774-015	Soil	07/16/09 13:54	1		106	98	92	96		
8M39719.D	AC45774-016	Aqueous	07/16/09 17:14	1		99	102	98	102		
8M39720.D	AC45774-017	Aqueous	07/16/09 17:30	1		103	102	99	94		
8M39721.D	AC45774-018	Aqueous	07/16/09 17:46	1		99	97	97	100		
8M39722.D	AC45774-019	Aqueous	07/16/09 18:03	1		100	112	93	96		
8M39723.D	AC45774-020	Aqueous	07/16/09 18:19	1		102	107	99	95		
8M39954.D	AC45774-021	Aqueous	07/22/09 12:10	1		105	95	96	104		
8M39725.D	AC45774-022	Aqueous	07/16/09 18:51	1		104	103	97	104		
8M39875.D	AC45774-023	Aqueous	07/21/09 08:55	1		108	91	95	104		
1M47040.D	MBS12791	Soil	07/16/09 08:59	1		106	105	113	104		
2M43908.D	MBS12803	Aqueous	07/17/09 08:31	1		107	100	98	100		
2M43914.D	MBS12804	Aqueous	07/17/09 10:09	1		110	102	96	99		
2M43925.D	MBS12808	Aqueous	07/17/09 13:09	1		105	101	90	98		
8M39710.D	MBS12793	Aqueous	07/16/09 14:31	1		92	101	106	107		
8M39747.D	MBS12800	Aqueous	07/17/09 07:34	1		104	104	99	100		
8M39776.D	MBS12809	Aqueous	07/17/09 15:31	1		102	107	101	94		
8M39876.D	MBS12830	Aqueous	07/21/09 09:11	1		108	95	96	86		
8M39951.D	MBS12845	Aqueous	07/22/09 11:19	1		108	122	98	106		
8M39974.D	MBS12849	Aqueous	07/22/09 17:34	1		112	105	99	99		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8260

Soil Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	58-133
S2=1,2-Dichloroethane-d4	30	68-124
S3=Toluene-d8	30	72-117
S4=Bromofluorobenzene	30	74-118

Aqueous Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	74-137
S2=1,2-Dichloroethane-d4	30	78-128
S3=Toluene-d8	30	74-114
S4=Bromofluorobenzene	30	83-115

Form3

MBS Data

Method: 8260

					Data File:===>	8M39747.D			2M43908.D			2M43914.D			2M43925.D			8M39776.D		
					Data/Batch/Sample ID:===>	MBS12800-Aq			MBS12803-Aq			MBS12804-Aq			MBS12808-Aq			MBS12809-Aq		
					Date/Time:===>	07/17/09 07:34			07/17/09 08:31			07/17/09 10:09			07/17/09 13:09			07/17/09 15:31		
Compound	Limit(s) Soil	Aq	Col	Mr		Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane		44-134	1	0		20.09	20	100	13.56	20	68	19.69	20	98	21.23	20	106	21.07	20	105
1,1-Dichloroethene		21-133	1	0		20.78	20	104	11.79	20	59	19.79	20	99	21.47	20	107	18.83	20	94
1,2-Dichlorobenzen		50-126	1	0		18.6	20	93	12.95	20	65	18.64	20	93	19.01	20	95	18.57	20	93
1,2-Dichloroethane		43-144	1	0		22.52	20	113	15.81	20	79	24.19	20	121	22.89	20	114	21.5	20	108
1,4-Dichlorobenzen		45-128	1	0		18.64	20	93	12.94	20	65	18.8	20	94	18.59	20	93	17.71	20	89
2-Butanone		25-157	1	0		18.78	20	94	12.87	20	64	16.75	20	84	20.26	20	101	15.62	20	78
Benzene		49-135	1	0		22.9	20	114	14.27	20	71	21.28	20	106	21.35	20	107	24.52	20	123
Carbon Tetrachlorid		42-146	1	0		23.6	20	118	16.3	20	81	25.34	20	127	23.29	20	116	21.61	20	108
Chlorobenzene		51-129	1	0		18.46	20	92	14.33	20	72	20.13	20	101	19.53	20	98	20.5	20	102
Chloroform		40-148	1	0		19.46	20	97	16.01	20	80	23.87	20	119	23.35	20	117	21.32	20	107
n-Propylbenzene		45-135	1	0		19.19	20	96	13.79	20	69	20.74	20	104	20.18	20	101	20.02	20	100
sec-Butylbenzene		43-123	1	0		19.66	20	98	13.93	20	70	20.61	20	103	20.44	20	102	20.36	20	102
Tetrachloroethene		42-138	1	0		19.28	20	96	15.06	20	75	21.93	20	110	20.16	20	101	20.09	20	100
Toluene		53-129	1	0		21.15	20	106	14.33	20	72	20.77	20	104	19.61	20	98	22.45	20	112
Trichloroethene		46-127	1	0		20.07	20	100	13.74	20	69	21.72	20	109	20.89	20	104	20.27	20	101
Vinyl Chloride		21-137	1	0		23.51	20	118	14.81	20	74	23.32	20	117	23.48	20	117	21.21	20	106

Flags/Notes: **** - Values outside of limits for this column/run***

Form3

MBS Data

Method: 8260

Data File:==>					8M39876.D			8M39951.D			8M39974.D								
Data/Batch/Sample ID:==>					MBS12830-Aq			MBS12845-Aq			MBS12849-Aq								
Date/Time:==>					07/21/09 09:11			07/22/09 11:19			07/22/09 17:34								
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane		44-134	1	0	18.38	20	92	19.34	20	97	16.94	20	85						
1,1-Dichloroethene		21-133	1	0	17.87	20	89	19.24	20	96	16.58	20	83						
1,2-Dichlorobenzen		50-126	1	0	16.64	20	83	16.93	20	85	15.63	20	78						
1,2-Dichloroethane		43-144	1	0	23.16	20	116	20.84	20	104	17.7	20	89						
1,4-Dichlorobenzen		45-128	1	0	16.23	20	81	16.58	20	83	14.16	20	71						
2-Butanone		25-157	1	0	16.8	20	84	15.9	20	79	14.54	20	73						
Benzene		49-135	1	0	21.88	20	109	21.06	20	105	20.12	20	101						
Carbon Tetrachlorid		42-146	1	0	23.25	20	116	21	20	105	20.33	20	102						
Chlorobenzene		51-129	1	0	18.14	20	91	16.31	20	82	15.46	20	77						
Chloroform		40-148	1	0	20.27	20	101	20.11	20	101	18	20	90						
n-Propylbenzene		45-135	1	0	17.06	20	85	18.32	20	92	15.88	20	79						
sec-Butylbenzene		43-123	1	0	16.92	20	85	17.33	20	87	15.84	20	79						
Tetrachloroethene		42-138	1	0	17.85	20	89	16.89	20	84	16.37	20	82						
Toluene		53-129	1	0	19.42	20	97	17.67	20	88	17.74	20	89						
Trichloroethene		46-127	1	0	19.26	20	96	19.46	20	97	17.98	20	90						
Vinyl Chloride		21-137	1	0	19.59	20	98	19.64	20	98	19.18	20	96						

Flags/Notes: **** - Values outside of limits for this column/run***

FORM 3

Spike Recovery

Batch Number: MBS12791
Mbs Name: MBS12791
Ns Name: AC45774-005
Ms Name: AC45774-006(MS:
Msd Name: AC45774-007(MSD

Mbs File: 1M47040.D
Non Spk'd File: 1M47054.D
Spike File: 1M47055.D
Spike Dup File: 1M47056.D
Matrix: Soil
Method: EPA 8260B

Mbs Date: 07/16/09 08:59
Non Spk'd Date: 07/16/09 13:03
Spike Date : 07/16/09 13:20
Spike Dup Date: 07/16/09 13:37

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	50	6	117	53	47.87	0.00	48.84	53.42	96	98	107	9
1,1-Dichloroethene	19	1	0	50	8	114	53	39.85	0.00	39.43	42.38	80	79	85	7.2
1,1-Dichloroethane	22	1	0	50	14	127	44	43.76	0.00	44.52	47.84	88	89	96	7.2
Chloroform	29	1	0	50	26	119	39	45.30	0.00	44.49	49.16	91	89	98	10
1,2-Dichloroethane	33	1	0	50	18	130	37	46.21	0.00	47.57	50.31	92	95	101	5.6
2-Butanone	34	1	0	50	4	141	59	40.37	0.00	40.11	43.91	81	80	88	9
Carbon Tetrachloride	36	1	0	50	19	122	40	50.76	0.00	48.08	53.41	102	96	107	11
Trichloroethene	42	1	0	50	21	116	39	44.93	0.00	43.79	48.23	90	88	96	9.7
Benzene	43	1	0	50	21	122	38	45.00	0.00	46.52	50.03	90	93	100	7.3
Tetrachloroethene	55	1	0	50	18	116	37	50.74	0.00	41.64	45.99	101	83	92	9.9
Toluene	57	1	0	50	19	128	35	49.74	0.00	41.44	45.49	99	83	91	9.3
Chlorobenzene	59	1	0	50	21	117	37	46.40	0.00	44.51	48.81	93	89	98	9.2
1,4-Dichlorobenzene	70	1	0	50	20	110	41	45.40	0.00	40.10	45.07	91	80	90	12
1,2-Dichlorobenzene	71	1	0	50	19	113	42	43.05	0.00	41.97	44.07	86	84	88	4.9
n-Propylbenzene	78	1	0	50	16	122	42	47.60	0.00	42.90	46.35	95	86	93	7.7
sec-Butylbenzene	83	1	0	50	9	125	48	45.20	0.00	41.58	46.45	90	83	93	11

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 3

Spike Recovery

Batch Number: MBS12793
Mbs Name: MBS12793
Ns Name: AC45774-008
Ms Name: AC45774-009(MS:
Msd Name: AC45774-010(MSD

Mbs File: 8M39710.D
Non Spk'd File: 8M39751.D
Spike File: 8M39714.D
Spike Dup File: 8M39715.D
Matrix: Aqueous
Method: EPA 8260B

Mbs Date: 07/16/09 14:31
Non Spk'd Date: 07/17/09 08:39
Spike Date : 07/16/09 15:52
Spike Dup Date: 07/16/09 16:09

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	20	21	137	30	22.11	0.00	22.77	23.22	111	114	116	2
1,1-Dichloroethene	19	1	0	20	21	133	34	18.27	0.00	19.75	20.10	91	99	100	1.8
1,1-Dichloroethane	22	1	0	20	44	134	30	20.17	0.00	20.54	20.83	101	103	104	1.4
Chloroform	29	1	0	20	40	148	37	20.36	0.00	21.32	21.59	102	107	108	1.3
1,2-Dichloroethane	33	1	0	20	43	144	34	22.18	0.00	21.91	23.27	111	110	116	6
2-Butanone	34	1	0	20	25	157	47	18.12	0.00	19.48	18.37	91	97	92	5.9
Carbon Tetrachloride	36	1	0	20	42	146	32	21.59	0.00	22.96	21.35	108	115	107	7.3
Trichloroethene	42	1	0	20	46	127	30	20.12	0.00	20.63	21.97	101	103	110	6.3
Benzene	43	1	0	20	49	135	29	23.73	0.00	24.35	23.94	119	122	120	1.7
Tetrachloroethene	55	1	0	20	42	138	27	22.74	0.00	21.59	22.71	114	108	114	5.1
Toluene	57	1	0	20	53	129	33	22.87	0.00	21.61	22.97	114	108	115	6.1
Chlorobenzene	59	1	0	20	51	129	30	20.23	0.00	20.38	19.86	101	102	99	2.6
1,4-Dichlorobenzene	70	1	0	20	45	128	30	19.78	0.00	20.17	18.14	99	101	91	11
1,2-Dichlorobenzene	71	1	0	20	50	126	34	19.99	0.00	20.54	18.81	100	103	94	8.8
n-Propylbenzene	78	1	0	20	45	135	32	22.20	0.00	21.90	20.11	111	110	101	8.5
sec-Butylbenzene	83	1	0	20	43	123	33	21.32	0.00	21.47	20.29	107	107	101	5.7

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M47036.D
Matrix: Soil

Blank Analysis Date: 07/16/09 07:38
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC45774-001	1M47049.D	07/16/09 11:37
AC45774-002	1M47050.D	07/16/09 11:54
AC45774-003	1M47052.D	07/16/09 12:28
AC45774-004	1M47053.D	07/16/09 12:46
AC45774-005	1M47054.D	07/16/09 13:03
AC45774-006(MS:	1M47055.D	07/16/09 13:20
AC45774-007(MSD	1M47056.D	07/16/09 13:37
AC45774-015	1M47057.D	07/16/09 13:54
MBS12791	1M47040.D	07/16/09 08:59

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 8M39705.D
Matrix: Aqueous

Blank Analysis Date: 07/16/09 13:09
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC45774-009(MS:	8M39714.D	07/16/09 15:52
AC45774-010(MSD	8M39715.D	07/16/09 16:09
AC45774-012	8M39717.D	07/16/09 16:41
AC45774-013	8M39718.D	07/16/09 16:58
AC45774-014	8M39724.D	07/16/09 18:35
AC45774-016	8M39719.D	07/16/09 17:14
AC45774-017	8M39720.D	07/16/09 17:30
AC45774-018	8M39721.D	07/16/09 17:46
AC45774-019	8M39722.D	07/16/09 18:03
AC45774-020	8M39723.D	07/16/09 18:19
AC45774-022	8M39725.D	07/16/09 18:51
MBS12793	8M39710.D	07/16/09 14:31

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 8M39743.D
Matrix: Aqueous

Blank Analysis Date: 07/17/09 06:29
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC45774-008	8M39751.D	07/17/09 08:39
MBS12809	8M39776.D	07/17/09 15:31
MBS12800	8M39747.D	07/17/09 07:34

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 2M43901.D
Matrix: Aqueous

Blank Analysis Date: 07/17/09 06:36
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC45774-011	2M43934.D	07/17/09 15:36
MBS12804	2M43914.D	07/17/09 10:09
MBS12808	2M43925.D	07/17/09 13:09
MBS12803	2M43908.D	07/17/09 08:31

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 8M39874.D
Matrix: Aqueous

Blank Analysis Date: 07/21/09 08:39
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC45774-023	8M39875.D	07/21/09 08:55
MBS12830	8M39876.D	07/21/09 09:11

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 8M39948.D
Matrix: Aqueous

Blank Analysis Date: 07/22/09 10:20
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC45774-021	8M39954.D	07/22/09 12:10
MBS12849	8M39974.D	07/22/09 17:34
MBS12845	8M39951.D	07/22/09 11:19

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 2
Data File: 2M43481.D
Analysis Date: 06/30/09 12:25
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.236 to 4.256 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.1	19624	PASS
75	95	30	60	51.4	45560	PASS
95	95	100	100	100.0	88640	PASS
96	95	5	9	7.9	7033	PASS
173	174	0.00	2	1.5	1069	PASS
174	95	50	100	81.4	72141	PASS
175	174	5	9	8.7	6259	PASS
176	174	95	101	96.0	69288	PASS
177	176	5	9	6.9	4813	PASS

Data File	Sample Number	Analysis Date:
2M43482.D	PREP BLK	06/30/09 12:42
2M43483.D	1 PPB	06/30/09 12:58
2M43484.D	CAL @ 0.5 PPB	06/30/09 13:18
2M43485.D	CAL @ 500 PPB	06/30/09 13:36
2M43486.D	CAL @ 250 PPB	06/30/09 13:53
2M43487.D	CAL @ 100 PPB	06/30/09 14:09
2M43488.D	CAL @ 50 PPB	06/30/09 14:25
2M43489.D	CAL @ 20 PPB	06/30/09 14:41
2M43490.D	CAL @ 10 PPB	06/30/09 14:57
2M43491.D	CAL @ 5 PPB	06/30/09 15:13
2M43492.D	BLK	06/30/09 15:55
2M43493.D	BLK	06/30/09 16:11
2M43496.D	CAL @ 1 PPB	06/30/09 17:00
2M43497.D	ICV	06/30/09 17:16
2M43498.D	ICV	06/30/09 17:31
2M43499.D	BLK	06/30/09 17:47
2M43500.D	DAILY BLANK	06/30/09 18:03
2M43501.D	DAILY BLANK	06/30/09 18:19
2M43502.D	MBS12806	06/30/09 18:35
2M43503.D	MBS12807	06/30/09 18:52
2M43504.D	BLK	06/30/09 19:08
2M43505.D	BLK	06/30/09 19:24

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M47010.D
Analysis Date: 07/15/09 10:51
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.444 to 4.463 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.2	5691	PASS
75	95	30	60	60.0	13026	PASS
95	95	100	100	100.0	21720	PASS
96	95	5	9	8.3	1805	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.6	17731	PASS
175	174	5	9	8.8	1555	PASS
176	174	95	101	96.5	17107	PASS
177	176	5	9	6.7	1146	PASS

Data File	Sample Number	Analysis Date:
1M47011.D	CAL @ 0.5 PPB	07/15/09 11:01
1M47012.D	CAL @ 1 PPB	07/15/09 11:18
1M47013.D	CAL @ 500 PPB	07/15/09 11:35
1M47014.D	CAL @ 250 PPB	07/15/09 11:52
1M47015.D	CAL @ 100 PPB	07/15/09 12:09
1M47016.D	CAL @ 50 PPB	07/15/09 12:27
1M47017.D	CAL @ 20 PPB	07/15/09 12:44
1M47018.D	CAL @ 10 PPB	07/15/09 13:01
1M47019.D	CAL @ 5 PPB	07/15/09 13:18
1M47020.D	BLK	07/15/09 13:35
1M47021.D	STDTEST	07/15/09 13:57
1M47022.D	BLK	07/15/09 14:14
1M47023.D	ICV	07/15/09 14:40
1M47024.D	BLK	07/15/09 14:57
1M47025.D	DAILY BLANK	07/15/09 15:14
1M47026.D	MBS12786	07/15/09 15:31
1M47027.D	AC45650-003(MS)	07/15/09 15:50
1M47028.D	MBS12788	07/15/09 16:07
1M47029.D	AC45650-003(MSD	07/15/09 16:24
1M47030.D	BLK	07/15/09 16:41
1M47031.D	BLK	07/15/09 16:58

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M47033.D
Analysis Date: 07/16/09 06:47
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.451 to 4.461 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	28.1	7822	PASS
75	95	30	60	59.9	16680	PASS
95	95	100	100	100.0	27860	PASS
96	95	5	9	7.6	2127	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	75.4	20996	PASS
175	174	5	9	8.3	1736	PASS
176	174	95	101	98.0	20584	PASS
177	176	5	9	7.3	1500	PASS

Data File	Sample Number	Analysis Date:
1M47034.D	CAL @ 50 PPB	07/16/09 07:01
1M47035.D	BLK	07/16/09 07:21
1M47036.D	DAILY BLANK	07/16/09 07:38
1M47037.D	AC45615-002	07/16/09 08:02
1M47038.D	AC45615-006	07/16/09 08:19
1M47039.D	AC45769-005	07/16/09 08:36
1M47040.D	MBS12791	07/16/09 08:59
1M47041.D	BLK	07/16/09 09:16
1M47042.D	AC45769-006(5X)	07/16/09 09:33
1M47043.D	AC45769-008(5X)	07/16/09 09:50
1M47044.D	BLK	07/16/09 10:08
1M47045.D	AC45769-001(5X)	07/16/09 10:25
1M47046.D	AC45769-007(5X)	07/16/09 10:42
1M47047.D	BLK	07/16/09 11:03
1M47048.D	BLK	07/16/09 11:20
1M47049.D	AC45774-001	07/16/09 11:37
1M47050.D	AC45774-002	07/16/09 11:54
1M47051.D	AC45769-005	07/16/09 12:11
1M47052.D	AC45774-003	07/16/09 12:28
1M47053.D	AC45774-004	07/16/09 12:46
1M47054.D	AC45774-005	07/16/09 13:03
1M47055.D	AC45774-006(MS:	07/16/09 13:20
1M47056.D	AC45774-007(MSD	07/16/09 13:37
1M47057.D	AC45774-015	07/16/09 13:54
1M47058.D	AC45788-004	07/16/09 14:11
1M47059.D	AC45788-008	07/16/09 14:28
1M47060.D	BLK	07/16/09 14:47
1M47061.D	BLK	07/16/09 15:04
1M47062.D	45769-007	07/16/09 15:21
1M47063.D	BLK	07/16/09 15:38
1M47064.D	BLK	07/16/09 15:56
1M47065.D	BLK	07/16/09 16:13
1M47066.D	BLK	07/16/09 16:30
1M47067.D	BLK	07/16/09 16:47
1M47068.D	BLK	07/16/09 17:04
1M47069.D	BLK	07/16/09 17:21
1M47070.D	BLK	07/16/09 17:38
1M47071.D	BLK	07/16/09 17:55

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 8
Data File: 8M39688.D
Analysis Date: 07/16/09 08:14
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.488 to 4.528 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.5	3021	PASS
75	95	30	60	58.9	7915	PASS
95	95	100	100	100.0	13442	PASS
96	95	5	9	7.3	981	PASS
173	174	0.00	2	0.6	72	PASS
174	95	50	100	93.6	12588	PASS
175	174	5	9	8.8	1111	PASS
176	174	95	101	95.5	12020	PASS
177	176	5	9	7.3	873	PASS

Data File	Sample Number	Analysis Date:
8M39689.D	BLK	07/16/09 08:39
8M39690.D	CAL @ 1 PPB	07/16/09 08:57
8M39691.D	CAL @ 0.5 PPB	07/16/09 09:16
8M39692.D	CAL @ 5 PPB	07/16/09 09:34
8M39693.D	CAL @ 500 PPB	07/16/09 09:50
8M39694.D	CAL @ 250 PPB	07/16/09 10:07
8M39695.D	CAL @ 100 PPB	07/16/09 10:23
8M39696.D	CAL @ 50 PPB	07/16/09 10:40
8M39697.D	CAL @ 20 PPB	07/16/09 10:56
8M39698.D	CAL @ 10 PPB	07/16/09 11:12
8M39699.D	BLK	07/16/09 11:30
8M39700.D	STDTEST	07/16/09 11:47
8M39701.D	BLK	07/16/09 12:04
8M39702.D	ICV	07/16/09 12:20
8M39703.D	BLK	07/16/09 12:36
8M39704.D	DAILY BLANK	07/16/09 12:52
8M39705.D	DAILY BLANK	07/16/09 13:09
8M39706.D	AC45788-007	07/16/09 13:26
8M39707.D	AC45788-008	07/16/09 13:42
8M39708.D	AC45788-010	07/16/09 13:58
8M39709.D	AC45788-009(80uL	07/16/09 14:15
8M39710.D	MBS12793	07/16/09 14:31
8M39711.D	ICV 100	07/16/09 15:04
8M39712.D	MBS12794	07/16/09 15:20
8M39713.D	AC45774-008	07/16/09 15:36
8M39714.D	AC45774-009(MS:	07/16/09 15:52
8M39715.D	AC45774-010(MSD	07/16/09 16:09
8M39716.D	AC45774-011	07/16/09 16:25
8M39717.D	AC45774-012	07/16/09 16:41
8M39718.D	AC45774-013	07/16/09 16:58
8M39719.D	AC45774-016	07/16/09 17:14
8M39720.D	AC45774-017	07/16/09 17:30
8M39721.D	AC45774-018	07/16/09 17:46
8M39722.D	AC45774-019	07/16/09 18:03
8M39723.D	AC45774-020	07/16/09 18:19
8M39724.D	AC45774-014	07/16/09 18:35
8M39725.D	AC45774-022	07/16/09 18:51
8M39726.D	AC45783-002	07/16/09 19:07
8M39727.D	AC45788-001	07/16/09 19:24
8M39728.D	AC45788-002	07/16/09 19:40
8M39729.D	BLK	07/16/09 19:56
8M39730.D	BLK	07/16/09 20:12
8M39731.D	BLK	07/16/09 20:29
8M39732.D	BLK	07/16/09 20:45
8M39733.D	BLK	07/16/09 21:01
8M39734.D	BLK	07/16/09 21:17
8M39735.D	BLK	07/16/09 21:34
8M39736.D	BLK	07/16/09 21:50
8M39737.D	BLK	07/16/09 22:06
8M39738.D	BLK	07/16/09 22:23

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 8
Data File: 8M39739.D
Analysis Date: 07/17/09 05:15
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.507 to 4.527 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.1	3065	PASS
75	95	30	60	54.9	7625	PASS
95	95	100	100	100.0	13884	PASS
96	95	5	9	8.2	1136	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.9	13451	PASS
175	174	5	9	8.0	1077	PASS
176	174	95	101	98.4	13237	PASS
177	176	5	9	5.6	739	PASS

Data File	Sample Number	Analysis Date:
8M39740.D	CAL @ 20 PPB	07/17/09 05:35
8M39741.D	BLK	07/17/09 05:57
8M39742.D	DAILY BLANK	07/17/09 06:13
8M39743.D	DAILY BLANK	07/17/09 06:29
8M39744.D	AC45789-001	07/17/09 06:46
8M39745.D	AC45783-001	07/17/09 07:02
8M39746.D	AC45788-007(80uL	07/17/09 07:18
8M39747.D	MBS12800	07/17/09 07:34
8M39748.D	AC45788-003(200	07/17/09 07:50
8M39749.D	MBS12802	07/17/09 08:07
8M39750.D	AC45779-015	07/17/09 08:23
8M39751.D	AC45774-008	07/17/09 08:39
8M39752.D	AC45774-012	07/17/09 08:55
8M39753.D	AC45779-014	07/17/09 09:11
8M39754.D	AC45779-009(20X)	07/17/09 09:30
8M39755.D	BLK	07/17/09 09:48
8M39756.D	AC45779-001	07/17/09 10:04
8M39757.D	AC45779-002	07/17/09 10:20
8M39758.D	AC45779-003	07/17/09 10:36
8M39759.D	AC45779-004	07/17/09 10:53
8M39760.D	AC45779-005	07/17/09 11:09
8M39761.D	AC45779-006	07/17/09 11:26
8M39762.D	AC45779-007	07/17/09 11:42
8M39763.D	AC45779-008	07/17/09 11:58
8M39764.D	AC45779-010	07/17/09 12:15
8M39765.D	AC45779-011	07/17/09 12:31
8M39766.D	AC45779-012	07/17/09 12:48
8M39767.D	AC45779-013	07/17/09 13:04
8M39768.D	AC45774-011	07/17/09 13:20
8M39769.D	BLK	07/17/09 13:37
8M39770.D	AC45818-002	07/17/09 13:53
8M39771.D	AC45803-001(200u	07/17/09 14:10
8M39772.D	AC45803-002(200u	07/17/09 14:26
8M39773.D	AC45803-003(200u	07/17/09 14:42
8M39774.D	AC45803-005	07/17/09 14:58
8M39775.D	AC45803-004	07/17/09 15:15
8M39776.D	MBS12809	07/17/09 15:31
8M39777.D	AC45803-004(400u	07/17/09 15:47
8M39778.D	AC45779-005(MS)	07/17/09 16:04
8M39779.D	AC45779-005(MSD	07/17/09 16:20
8M39780.D	BLK	07/17/09 16:37
8M39781.D	BLK	07/17/09 16:53
8M39782.D	BLK	07/17/09 17:09
8M39783.D	BLK	07/17/09 17:26
8M39784.D	BLK	07/17/09 17:44
8M39785.D	BLK	07/17/09 18:00
8M39786.D	BLK	07/17/09 18:16
8M39787.D	BLK	07/17/09 18:33
8M39788.D	AC45810-004	07/17/09 18:49
8M39789.D	AC45809-003	07/17/09 19:05
8M39790.D	MBS12813	07/17/09 19:22
8M39791.D	BLK	07/17/09 19:38
8M39792.D	AC45809-002	07/17/09 19:55
8M39793.D	AC45811-013	07/17/09 20:11

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 2
Data File: 2M43899.D
Analysis Date: 07/17/09 05:56
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.118 to 4.128 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.1	3490	PASS
75	95	30	60	54.6	7904	PASS
95	95	100	100	100.0	14469	PASS
96	95	5	9	7.9	1143	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.6	13260	PASS
175	174	5	9	8.3	1101	PASS
176	174	95	101	98.7	13094	PASS
177	176	5	9	6.6	871	PASS

Data File	Sample Number	Analysis Date:
2M43900.D	CAL @ 20 PPB	07/17/09 06:15
2M43901.D	DAILY BLANK	07/17/09 06:36
2M43902.D	BLKHCL	07/17/09 06:52
2M43903.D	DAILY BLANK	07/17/09 07:08
2M43904.D	AC45775-002	07/17/09 07:26
2M43905.D	AC45775-003	07/17/09 07:42
2M43906.D	AC45775-004	07/17/09 07:59
2M43907.D	MBS12801	07/17/09 08:15
2M43908.D	MBS12803	07/17/09 08:31
2M43909.D	AC45775-001	07/17/09 08:47
2M43910.D	AC45785-001	07/17/09 09:04
2M43911.D	AC45815-001	07/17/09 09:20
2M43912.D	AC45819-004	07/17/09 09:37
2M43913.D	AC45725-027	07/17/09 09:53
2M43914.D	MBS12804	07/17/09 10:09
2M43915.D	AC45820-005	07/17/09 10:26
2M43916.D	AC45820-006	07/17/09 10:42
2M43917.D	AC45822-001	07/17/09 10:58
2M43918.D	AC45811-005	07/17/09 11:15
2M43919.D	AC45812-003	07/17/09 11:31
2M43920.D	AC45806-001	07/17/09 11:48
2M43921.D	AC45820-001	07/17/09 12:04
2M43922.D	AC45819-002(80uL	07/17/09 12:20
2M43923.D	AC45819-001(80uL	07/17/09 12:37
2M43924.D	AC45819-003(80uL	07/17/09 12:53
2M43925.D	MBS12808	07/17/09 13:09
2M43926.D	AC45775-001(MS)	07/17/09 13:26
2M43927.D	AC45775-001(MSD	07/17/09 13:42
2M43928.D	BLK	07/17/09 13:58
2M43929.D	AC45820-002	07/17/09 14:14
2M43930.D	AC45820-003	07/17/09 14:30
2M43931.D	AC45820-004	07/17/09 14:48
2M43932.D	AC45820-003	07/17/09 15:04
2M43933.D	AC45818-002	07/17/09 15:20
2M43934.D	AC45774-011	07/17/09 15:36
2M43935.D	AC45797-001	07/17/09 15:52
2M43936.D	AC45797-002	07/17/09 16:08
2M43937.D	AC45811-005(MS)	07/17/09 16:24
2M43938.D	AC45811-005(MSD	07/17/09 16:40
2M43939.D	BLK	07/17/09 16:56
2M43940.D	AC45822-007	07/17/09 17:19
2M43941.D	AC45822-006	07/17/09 17:35
2M43942.D	AC45822-005	07/17/09 17:51
2M43943.D	AC45761-001(MS)	07/17/09 18:07
2M43944.D	AC45761-001(MSD	07/17/09 18:23
2M43945.D	MBS12812	07/17/09 18:39
2M43946.D	BLK	07/17/09 18:55
2M43947.D	AC45823-032	07/17/09 19:11
2M43948.D	AC45823-003	07/17/09 19:27
2M43949.D	AC45823-008	07/17/09 19:43
2M43950.D	AC45823-010	07/17/09 19:59
2M43951.D	AC45823-013	07/17/09 20:15
2M43952.D	AC45823-015	07/17/09 20:30
2M43953.D	AC45823-016	07/17/09 20:46
2M43954.D	AC45823-017	07/17/09 21:02
2M43955.D	AC45823-019	07/17/09 21:19
2M43956.D	AC45823-021	07/17/09 21:35
2M43957.D	MBS12810	07/17/09 21:52
2M43958.D	AC45761-002(MS)	07/17/09 22:08
2M43959.D	AC45761-002(MSD	07/17/09 22:24
2M43960.D	BLK	07/17/09 22:40
2M43961.D	BLK	07/17/09 22:56
2M43962.D	AC45823-005	07/17/09 23:12
2M43963.D	MBS12811	07/17/09 23:28
2M43964.D	BLK	07/17/09 23:45

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 2
Data File: 2M43899.D
Analysis Date: 07/17/09 05:56
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.118 to 4.128 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.1	3490	PASS
75	95	30	60	54.6	7904	PASS
95	95	100	100	100.0	14469	PASS
96	95	5	9	7.9	1143	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.6	13260	PASS
175	174	5	9	8.3	1101	PASS
176	174	95	101	98.7	13094	PASS
177	176	5	9	6.6	871	PASS

2M43965.D	AC45823-024	07/18/09 00:01
2M43966.D	AC45823-029	07/18/09 00:17
2M43967.D	AC45823-030	07/18/09 00:34
2M43968.D	AC45823-031	07/18/09 00:49
2M43969.D	AC45823-001	07/18/09 01:05
2M43970.D	AC45823-027	07/18/09 01:21
2M43971.D	AC45823-026(5X)	07/18/09 01:40
2M43972.D	AC45823-004(5X)	07/18/09 02:01
2M43973.D	AC45823-006(5X)	07/18/09 02:23
2M43974.D	AC45823-012(5X)	07/18/09 02:45
2M43975.D	AC45823-002(5X)	07/18/09 03:06
2M43976.D	BLK	07/18/09 03:27
2M43977.D	AC45823-009(5X)	07/18/09 03:47
2M43978.D	AC45823-018(10X)	07/18/09 04:08
2M43979.D	AC45823-007(20X)	07/18/09 04:28

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 8
Data File: 8M39868.D
Analysis Date: 07/21/09 06:45
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.493 to 4.513 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.4	1654	PASS
75	95	30	60	45.1	3484	PASS
95	95	100	100	100.0	7733	PASS
96	95	5	9	5.2	400	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	94.0	7269	PASS
175	174	5	9	6.1	446	PASS
176	174	95	101	99.7	7244	PASS
177	176	5	9	8.1	590	PASS

Data File	Sample Number	Analysis Date:
8M39869.D	BLK	07/21/09 07:05
8M39870.D	20 PPB	07/21/09 07:25
8M39871.D	CAL @ 20 PPB	07/21/09 07:48
8M39872.D	BLK	07/21/09 08:06
8M39873.D	DAILY BLANK	07/21/09 08:22
8M39874.D	DAILY BLANK	07/21/09 08:39
8M39875.D	AC45774-023	07/21/09 08:55
8M39876.D	MBS12830	07/21/09 09:11
8M39877.D	AC45807-001(50X)	07/21/09 09:27
8M39878.D	AC45807-002(50X)	07/21/09 09:44
8M39879.D	MBS12831	07/21/09 10:00
8M39881.D	BLK	07/21/09 12:19
8M39882.D	AC45823-025	07/21/09 12:35
8M39883.D	AC45823-022	07/21/09 12:51
8M39884.D	BLK	07/21/09 13:08
8M39885.D	AC45840-008(10X)	07/21/09 13:27
8M39886.D	AC45840-009(10X)	07/21/09 13:47
8M39887.D	AC45823-011(50X)	07/21/09 14:05
8M39889.D	AC45823-023(100	07/21/09 14:22
8M39890.D	AC45807-001(T)	07/21/09 14:38
8M39891.D	AC45807-002(T)	07/21/09 14:54
8M39892.D	EF-1-V-69665(072	07/21/09 15:10
8M39893.D	BLK	07/21/09 15:27
8M39894.D	AC45832-009	07/21/09 15:43
8M39895.D	AC45832-008	07/21/09 15:59
8M39896.D	AC45832-006	07/21/09 16:15
8M39897.D	AC45832-005	07/21/09 16:32
8M39898.D	AC45832-002	07/21/09 16:48
8M39899.D	AC45832-001	07/21/09 17:04
8M39900.D	AC45832-007	07/21/09 17:21
8M39901.D	AC45832-004	07/21/09 17:37
8M39902.D	AC45832-003	07/21/09 17:53
8M39903.D	AC45884-007	07/21/09 18:09
8M39904.D	AC45884-004	07/21/09 18:25
8M39905.D	AC45885-006	07/21/09 18:42
8M39906.D	AC45807-001(T)	07/21/09 18:58
8M39907.D	AC45840-001(MS)	07/21/09 19:14
8M39908.D	AC45840-001(MSD	07/21/09 19:31
8M39909.D	BLKJUG#3	07/21/09 19:47
8M39910.D	BLKJUG#2	07/21/09 20:03
8M39911.D	BLK	07/21/09 20:19
8M39912.D	BLK	07/21/09 20:36
8M39913.D	MBS12839	07/21/09 20:52
8M39914.D	BLK	07/21/09 21:08
8M39915.D	AC45837-006	07/21/09 21:24
8M39916.D	AC45837-005	07/21/09 21:41
8M39917.D	AC45842-003	07/21/09 21:57
8M39918.D	AC45842-004	07/21/09 22:13
8M39919.D	AC45844-001	07/21/09 22:29
8M39920.D	AC45844-002	07/21/09 22:46
8M39921.D	AC45845-001	07/21/09 23:02
8M39922.D	AC45847-003	07/21/09 23:18
8M39923.D	AC45847-004	07/21/09 23:34
8M39924.D	AC45847-002	07/21/09 23:50
8M39925.D	AC45847-001	07/22/09 00:06
8M39926.D	AC45844-003	07/22/09 00:23
8M39927.D	AC45842-002	07/22/09 00:39
8M39928.D	AC45845-003	07/22/09 00:55
8M39929.D	AC45845-007	07/22/09 01:11
8M39930.D	AC45842-001	07/22/09 01:27
8M39931.D	MBS12840	07/22/09 01:44
8M39932.D	AC45824-001(MS)	07/22/09 02:00
8M39933.D	AC45824-001(MSD	07/22/09 02:16
8M39934.D	MBS12841	07/22/09 02:32
8M39935.D	BLK	07/22/09 02:48

Form 5

Tune Name: BFB TUNE **Data File:** 8M39944.D
Instrument: GCMS 8 **Analysis Date:** 07/22/09 08:34
Method: EPA 8260B
Tune Scan/Time Range: Average of 6.672 to 6.690 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.9	9459	PASS
75	95	30	60	52.3	21567	PASS
95	95	100	100	100.0	41252	PASS
96	95	5	9	8.5	3526	PASS
173	174	0.00	2	0.6	233	PASS
174	95	50	100	93.6	38596	PASS
175	174	5	9	8.4	3229	PASS
176	174	95	101	99.3	38320	PASS
177	176	5	9	8.1	3099	PASS

Data File	Sample Number	Analysis Date:
8M39945.D	CAL @ 20 PPB	07/22/09 09:22
8M39946.D	BLKJUG2	07/22/09 09:48
8M39947.D	DAILY BLANK	07/22/09 10:04
8M39948.D	DAILY BLANK	07/22/09 10:20
8M39949.D	AC45845-003	07/22/09 10:41
8M39950.D	AC45823-022(10X)	07/22/09 11:01
8M39951.D	MBS12845	07/22/09 11:19
8M39952.D	MBS12846	07/22/09 11:35
8M39953.D	BLKJUG#1	07/22/09 11:51
8M39954.D	AC45774-021	07/22/09 12:10
8M39955.D	AC45919-001	07/22/09 12:26
8M39956.D	AC45919-002	07/22/09 12:42
8M39957.D	AC45919-003	07/22/09 12:59
8M39958.D	AC45919-004	07/22/09 13:15
8M39959.D	AC45909-016	07/22/09 13:31
8M39960.D	AC45906-001	07/22/09 13:47
8M39961.D	AC45906-002	07/22/09 14:03
8M39962.D	AC45914-001	07/22/09 14:19
8M39963.D	AC45914-003	07/22/09 14:36
8M39964.D	AC45920-001	07/22/09 14:52
8M39965.D	BLK	07/22/09 15:08
8M39966.D	AC45916-006	07/22/09 15:24
8M39967.D	AC45909-017	07/22/09 15:40
8M39968.D	AC45909-018	07/22/09 15:57
8M39969.D	AC45920-002	07/22/09 16:13
8M39970.D	AC45920-003	07/22/09 16:29
8M39971.D	AC45914-003(500	07/22/09 16:45
8M39972.D	AC45807-001(T:M	07/22/09 17:01
8M39973.D	AC45807-001(T:M	07/22/09 17:17
8M39974.D	MBS12849	07/22/09 17:34
8M39975.D	AC45832-004(MS)	07/22/09 17:50
8M39976.D	AC45832-004(MSD	07/22/09 18:06
8M39977.D	BLK	07/22/09 18:22
8M39978.D	AC45920-001	07/22/09 18:38
8M39979.D	BLK	07/22/09 18:55
8M39980.D	BLK	07/22/09 19:11
8M39981.D	BLK	07/22/09 19:27
8M39982.D	BLK	07/22/09 19:43

FORM8

Internal Standard Areas

Evaluation Std Data File: 2M43489.D Method: EPA 8260B

Analysis Date/Time: 06/30/09 14:41

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	184986	4.40	135946	6.21	66294	7.62						
Eval File Area Limit:	92493-369972		67973-271892		33147-132588							
Eval File Rt Limit:	3.9-4.9		5.71-6.71		7.12-8.12							

Data File	Sample											
2M43482.D	PREP BLK	202274	4.40	136808	6.21	60524	7.61					
2M43483.D	1 PPB	181253	4.40	119846	6.21	59882	7.61					
2M43484.D	CAL @ 0.5 P	174571	4.40	114401	6.21	57046	7.62					
2M43485.D	CAL @ 500 P	194250	4.40	122511	6.21	59637	7.62					
2M43486.D	CAL @ 250 P	189434	4.40	130877	6.21	65782	7.62					
2M43487.D	CAL @ 100 P	190055	4.40	137438	6.21	67145	7.62					
2M43488.D	CAL @ 50 PP	187817	4.40	136656	6.21	67906	7.62					
2M43489.D	CAL @ 20 PP	184986	4.40	135946	6.21	66294	7.62					
2M43490.D	CAL @ 10 PP	186420	4.40	134334	6.21	64677	7.61					
2M43491.D	CAL @ 5 PPB	177233	4.40	132820	6.21	62307	7.62					
2M43492.D	BLK	204631	4.40	135359	6.21	61842	7.61					
2M43493.D	BLK	182563	4.40	125048	6.21	60876	7.61					
2M43496.D	CAL @ 1 PPB	167103	4.40	123485	6.21	59827	7.61					
2M43497.D	ICV	170608	4.40	125267	6.20	62758	7.61					
2M43498.D	ICV	170704	4.40	122828	6.21	62484	7.61					
2M43499.D	BLK	164310	4.40	118625	6.20	58847	7.61					
2M43500.D	DAILY BLANK	173700	4.39	123981	6.20	62159	7.61					
2M43501.D	DAILY BLANK	172499	4.40	120746	6.21	58852	7.61					
2M43502.D	MBS12806	173552	4.40	123945	6.21	62410	7.61					
2M43503.D	MBS12807	177407	4.39	126368	6.20	64727	7.61					
2M43504.D	BLK	172471	4.40	123546	6.21	60890	7.61					
2M43505.D	BLK	165391	4.40	121761	6.21	59206	7.61					

I1 =	Fluorobenzene	I4 =	**625/8270 Internal Standard concentration = 40 mg/L (in final extract)**
I2 =	Chlorobenzene-d5	I5 =	**624/8260 Internal Standard concentration = 30ug/L**
I3 =	1,4-Dichlorobenzene-d4	I6 =	**524 Internal Standard concentration =5ug/L**

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M47017.D Method: EPA 8260B

Analysis Date/Time: 07/15/09 12:44

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	113642	4.60	82119	6.43	41800	7.86						
Eval File Area Limit:	56821-227284		41060-164238		20900-83600							
Eval File Rt Limit:	4.1-5.1		5.93-6.93		7.36-8.360001							

Data File	Sample											
1M47011.D	CAL @ 0.5 P	115884	4.60	69951	6.44	35357	7.86					
1M47012.D	CAL @ 1 PPB	102612	4.59	69882	6.43	35400	7.86					
1M47013.D	CAL @ 500 P	106030	4.60	74931	6.43	37103	7.86					
1M47014.D	CAL @ 250 P	109651	4.59	77935	6.43	40333	7.86					
1M47015.D	CAL @ 100 P	113908	4.60	80098	6.43	39953	7.86					
1M47016.D	CAL @ 50 PP	112856	4.59	80009	6.43	41215	7.86					
1M47017.D	CAL @ 20 PP	113642	4.60	82119	6.43	41800	7.86					
1M47018.D	CAL @ 10 PP	119062	4.60	78644	6.43	42539	7.86					
1M47019.D	CAL @ 5 PPB	110863	4.60	74921	6.43	41293	7.86					
1M47020.D	BLK	106031	4.60	72917	6.43	36813	7.86					
1M47021.D	STDTEST	129994	4.59	76765	6.44	39875	7.86					
1M47022.D	BLK	110201	4.60	77126	6.43	40071	7.86					
1M47023.D	ICV	134320	4.59	76605	6.43	40408	7.86					
1M47024.D	BLK	103539	4.60	73862	6.43	36832	7.86					
1M47025.D	DAILY BLANK	89444	4.60	65825	6.43	31984	7.86					
1M47026.D	MBS12786	110452	4.59	76958	6.43	38486	7.86					
1M47027.D	AC45650-003	117180	4.59	79921	6.43	39993	7.86					
1M47028.D	MBS12788	112577	4.60	80166	6.43	40775	7.86					
1M47029.D	AC45650-003	112063	4.60	79529	6.44	40804	7.86					
1M47030.D	BLK	114143	4.60	84982	6.44	41791	7.86					
1M47031.D	BLK	110999	4.60	75089	6.44	36006	7.86					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M47034.D Method: EPA 8260B

Analysis Date/Time: 07/16/09 07:01

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	138990	4.61	93830	6.44	48226	7.86						
Eval File Area Limit:	69495-277980		46915-187660		24113-96452							
Eval File Rt Limit:	4.11-5.11		5.94-6.94		7.36-8.360001							

Data File	Sample											
1M47035.D	BLK	126454	4.61	88928	6.44	41115	7.86					
1M47036.D	DAILY BLANK	117202	4.60	72098	6.44	35792	7.87					
1M47037.D	AC45615-002	115124	4.61	74805	6.44	25824	7.86					
1M47038.D	AC45615-006	100142	4.60	65437	6.44	29302	7.87					
1M47039.D	AC45769-005	84488	4.61	56489	6.45	22533	7.87					
1M47040.D	MBS12791	133875	4.60	79101	6.44	39868	7.86					
1M47041.D	BLK	100487	4.61	72251	6.44	35790	7.86					
1M47042.D	AC45769-006	99311	4.60	67207	6.44	30368	7.87					
1M47043.D	AC45769-008	116036	4.61	81767	6.44	39407	7.87					
1M47044.D	BLK	115509	4.61	87477	6.44	43189	7.87					
1M47045.D	AC45769-001	118312	4.61	76523	6.44	30773	7.87					
1M47046.D	AC45769-007	119710	4.61	87560	6.44	45835	7.87					
1M47047.D	BLK	133545	4.60	85166	6.44	44280	7.86					
1M47048.D	BLK	119835	4.61	88520	6.44	42946	7.87					
1M47049.D	AC45774-001	117053	4.61	84284	6.44	43170	7.87					
1M47050.D	AC45774-002	111288	4.61	80548	6.44	42257	7.87					
1M47051.D	AC45769-005	119000	4.61	88114	6.44	43626	7.87					
1M47052.D	AC45774-003	87858	4.60	63314	6.44	31528	7.87					
1M47053.D	AC45774-004	108768	4.61	77931	6.44	37944	7.87					
1M47054.D	AC45774-005	110583	4.60	78167	6.44	39312	7.87					
1M47055.D	AC45774-006	116452	4.61	80773	6.44	40812	7.87					
1M47056.D	AC45774-007	112672	4.60	79252	6.44	41402	7.87					
1M47057.D	AC45774-015	106309	4.62	78753	6.45	38522	7.87					
1M47058.D	AC45788-004	102848	4.61	73069	6.44	35435	7.87					
1M47059.D	AC45788-008	111773	4.61	77515	6.45	39498	7.87					
1M47060.D	BLK	106709	4.61	78218	6.44	38254	7.87					
1M47061.D	BLK	106248	4.61	76386	6.45	38569	7.87					
1M47062.D	45769-007	120520	4.61	86458	6.45	47243	7.87					
1M47063.D	BLK	114454	4.61	85173	6.45	43323	7.87					
1M47064.D	BLK	107116	4.61	76826	6.44	39330	7.87					
1M47065.D	BLK	100903	4.61	74918	6.44	35863	7.87					
1M47066.D	BLK	102409	4.60	74271	6.45	36787	7.87					
1M47067.D	BLK	99609	4.62	73134	6.45	35605	7.87					
1M47068.D	BLK	101870	4.61	73607	6.45	35997	7.87					
1M47069.D	BLK	102323	4.61	74238	6.45	36794	7.87					
1M47070.D	BLK	98028	4.61	67563	6.44	33283	7.87					
1M47071.D	BLK	96098	4.61	70450	6.45	35107	7.87					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1.4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 8M39697.D Method: EPA 8260B

Analysis Date/Time: 07/16/09 10:56

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	171500	4.51	118418	6.09	68414	7.32						
Eval File Area Limit:	85750-343000		59209-236836		34207-136828							
Eval File Rt Limit:	4.01-5.01		5.59-6.59		6.82-7.82							

Data File	Sample						
8M39689.D	BLK	139729	4.51	109403	6.08	60874	7.32
8M39690.D	CAL @ 1 PPB	156393	4.51	109329	6.08	61400	7.32
8M39691.D	CAL @ 0.5 P	146909	4.51	103669	6.08	56224	7.32
8M39692.D	CAL @ 5 PPB	152408	4.51	103118	6.08	59088	7.32
8M39693.D	CAL @ 500 P	170150	4.51	120771	6.09	65931	7.32
8M39694.D	CAL @ 250 P	174317	4.51	120782	6.08	72551	7.32
8M39695.D	CAL @ 100 P	180893	4.51	124226	6.09	71423	7.32
8M39696.D	CAL @ 50 PP	172626	4.51	124084	6.09	66182	7.32
8M39697.D	CAL @ 20 PP	171500	4.51	118418	6.09	68414	7.32
8M39698.D	CAL @ 10 PP	171197	4.51	114732	6.09	65367	7.32
8M39699.D	BLK	167940	4.51	114663	6.09	60603	7.32
8M39700.D	STDTEST	166503	4.51	114958	6.09	64309	7.32
8M39701.D	BLK	165020	4.51	115228	6.09	61219	7.32
8M39702.D	ICV	165743	4.51	114967	6.09	65016	7.32
8M39703.D	BLK	155341	4.52	111239	6.09	63054	7.32
8M39704.D	DAILY BLANK	163889	4.51	108937	6.09	60753	7.32
8M39705.D	DAILY BLANK	162486	4.52	114255	6.09	62341	7.32
8M39706.D	AC45788-007	148050	4.51	108877	6.09	69475	7.32
8M39707.D	AC45788-008	157743	4.51	107002	6.09	62697	7.32
8M39708.D	AC45788-010	151653	4.51	104901	6.09	68658	7.32
8M39709.D	AC45788-009	177437	4.51	124988	6.09	70741	7.32
8M39710.D	MBS12793	177341	4.51	120696	6.09	65456	7.32
8M39711.D	ICV 100	175553	4.52	126435	6.09	71589	7.32
8M39712.D	MBS12794	174072	4.51	120761	6.09	70083	7.32
8M39713.D	AC45774-008	170273	4.52	119051	6.09	60597	7.32
8M39714.D	AC45774-009	172388	4.52	119612	6.09	64880	7.32
8M39715.D	AC45774-010	169805	4.52	115764	6.09	66642	7.32
8M39716.D	AC45774-011	169489	4.52	113987	6.09	60947	7.32
8M39717.D	AC45774-012	164572	4.52	119452	6.09	62956	7.32
8M39718.D	AC45774-013	166404	4.52	115887	6.09	60382	7.32
8M39719.D	AC45774-016	167069	4.52	117112	6.09	61082	7.32
8M39720.D	AC45774-017	162091	4.52	115010	6.09	60898	7.32
8M39721.D	AC45774-018	160854	4.52	114275	6.09	62673	7.32
8M39722.D	AC45774-019	159767	4.52	117515	6.09	62792	7.32
8M39723.D	AC45774-020	162342	4.52	116764	6.09	62577	7.32
8M39724.D	AC45774-014	161337	4.52	115852	6.09	60799	7.32
8M39725.D	AC45774-022	154736	4.52	114907	6.09	59922	7.32
8M39726.D	AC45783-002	155952	4.52	112335	6.09	55467	7.32
8M39727.D	AC45788-001	155019	4.52	112896	6.09	57644	7.32
8M39728.D	AC45788-002	158263	4.52	112277	6.09	57440	7.32
8M39729.D	BLK	151184	4.51	104094	6.09	59913	7.32
8M39730.D	BLK	155063	4.52	110839	6.09	60245	7.32
8M39731.D	BLK	157788	4.52	109675	6.09	62691	7.32
8M39732.D	BLK	154630	4.52	107036	6.09	57801	7.32
8M39733.D	BLK	157729	4.52	109657	6.09	56688	7.32
8M39734.D	BLK	153864	4.52	104069	6.09	57533	7.32
8M39735.D	BLK	150624	4.52	112268	6.09	56586	7.32
8M39736.D	BLK	151744	4.51	110790	6.09	58603	7.32
8M39737.D	BLK	152866	4.52	110162	6.09	59193	7.32
8M39738.D	BLK	148414	4.52	108572	6.09	59083	7.32

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 2M43900.D Method: EPA 8260B

Analysis Date/Time: 07/17/09 06:15

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	113704	4.39	80230	6.20	39569	7.61						
Eval File Area Limit:	56852-227408		40115-160460		19784-79138							
Eval File Rt Limit:	3.89-4.89		5.7-6.7		7.11-8.110001							

Data File	Sample											
2M43901.D	DAILY BLANK	106500	4.39	72990	6.20	32508	7.61					
2M43902.D	BLKHCL	92700	4.39	63549	6.20	30266	7.61					
2M43903.D	DAILY BLANK	95436	4.39	66586	6.20	32880	7.61					
2M43904.D	AC45775-002	90242	4.39	64905	6.20	31602	7.61					
2M43907.D	MBS12801	95230	4.39	68648	6.20	36368	7.61					
2M43908.D	MBS12803	96570	4.39	68054	6.20	35046	7.61					
2M43909.D	AC45775-001	95447	4.39	69851	6.20	35100	7.61					
2M43912.D	AC45819-004	88359	4.39	66771	6.20	31960	7.61					
2M43913.D	AC45725-027	88472	4.39	67622	6.20	30478	7.61					
2M43914.D	MBS12804	92202	4.39	69131	6.20	34116	7.61					
2M43915.D	AC45820-005	91161	4.39	67988	6.20	31641	7.61					
2M43916.D	AC45820-006	85686	4.39	64288	6.20	31449	7.61					
2M43917.D	AC45822-001	86450	4.39	62674	6.20	30353	7.61					
2M43920.D	AC45806-001	85458	4.41	64292	6.22	30849	7.62					
2M43921.D	AC45820-001	86000	4.39	61867	6.20	29686	7.61					
2M43922.D	AC45819-002	89816	4.39	66990	6.21	35092	7.61					
2M43923.D	AC45819-001	98921	4.39	71761	6.20	37136	7.61					
2M43924.D	AC45819-003	103457	4.39	73886	6.20	38655	7.61					
2M43925.D	MBS12808	100428	4.39	80202	6.20	39663	7.61					
2M43926.D	AC45775-001	104093	4.39	79383	6.20	41916	7.61					
2M43927.D	AC45775-001	106785	4.39	79695	6.20	42238	7.61					
2M43928.D	BLK	101086	4.39	78272	6.20	40014	7.61					
2M43929.D	AC45820-002	98974	4.39	78106	6.20	39380	7.61					
2M43930.D	AC45820-003	99821	4.39	76153	6.20	37511	7.61					
2M43931.D	AC45820-004	101622	4.39	76762	6.20	38570	7.61					
2M43932.D	AC45820-003	99445	4.39	76006	6.20	36455	7.61					
2M43933.D	AC45818-002	100268	4.39	75755	6.21	35732	7.61					
2M43934.D	AC45774-011	99588	4.39	75577	6.20	35559	7.61					
2M43937.D	AC45811-005	100832	4.39	76941	6.21	38780	7.61					
2M43938.D	AC45811-005	98894	4.39	76412	6.20	39257	7.61					
2M43939.D	BLK	98037	4.39	73401	6.20	35548	7.61					
2M43942.D	AC45822-005	95141	4.39	70131	6.21	34352	7.61					
2M43943.D	AC45761-001	97656	4.39	72988	6.21	36697	7.61					
2M43944.D	AC45761-001	103068	4.39	74712	6.21	38168	7.61					
2M43945.D	MBS12812	98198	4.39	72803	6.21	37705	7.61					
2M43946.D	BLK	97283	4.39	71597	6.20	34674	7.61					
2M43957.D	MBS12810	95699	4.39	70217	6.20	35120	7.61					
2M43958.D	AC45761-002	96157	4.39	69667	6.21	35232	7.61					
2M43959.D	AC45761-002	97785	4.39	72376	6.20	35805	7.61					
2M43960.D	BLK	93179	4.39	69269	6.21	33086	7.61					
2M43961.D	BLK	91318	4.39	68448	6.20	32669	7.61					
2M43963.D	MBS12811	95736	4.39	69315	6.21	34571	7.61					
2M43964.D	BLK	93985	4.39	69092	6.20	32109	7.61					
2M43976.D	BLK	93933	4.39	61789	6.20	29723	7.61					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 8M39740.D Method: EPA 8260B

Analysis Date/Time: 07/17/09 05:35

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	151587	4.51	105287	6.08	62281	7.32						
Eval File Area Limit:	75794-303174		52644-210574		31140-124562							
Eval File Rt Limit:	4.01-5.01		5.58-6.58		6.82-7.82							

Data File	Sample											
8M39741.D	BLK	137644	4.51	98072	6.08	56615	7.32					
8M39742.D	DAILY BLANK	148617	4.51	103681	6.09	57318	7.32					
8M39743.D	DAILY BLANK	154802	4.52	112946	6.09	57302	7.32					
8M39745.D	AC45783-001	149137	4.51	101987	6.09	58066	7.32					
8M39746.D	AC45788-007	160090	4.51	114131	6.09	69814	7.32					
8M39747.D	MBS12800	158991	4.51	116133	6.08	63176	7.32					
8M39748.D	AC45788-003	160177	4.51	114724	6.09	63194	7.32					
8M39749.D	MBS12802	159682	4.51	112188	6.09	64424	7.32					
8M39750.D	AC45779-015	154671	4.51	109936	6.09	59346	7.32					
8M39751.D	AC45774-008	160550	4.51	111681	6.09	55144	7.32					
8M39752.D	AC45774-012	154950	4.51	105244	6.09	59343	7.32					
8M39753.D	AC45779-014	150328	4.51	105577	6.09	60507	7.32					
8M39754.D	AC45779-009	145768	4.51	106639	6.09	58321	7.32					
8M39755.D	BLK	154472	4.51	105054	6.08	57784	7.32					
8M39756.D	AC45779-001	148668	4.51	109168	6.09	57882	7.32					
8M39757.D	AC45779-002	148297	4.52	102212	6.09	58872	7.32					
8M39758.D	AC45779-003	155572	4.51	115155	6.09	57076	7.32					
8M39759.D	AC45779-004	154137	4.52	108783	6.09	59809	7.32					
8M39760.D	AC45779-005	149245	4.52	106798	6.09	54108	7.32					
8M39761.D	AC45779-006	152887	4.51	110447	6.09	58055	7.32					
8M39762.D	AC45779-007	147259	4.52	111678	6.09	58539	7.32					
8M39763.D	AC45779-008	144880	4.52	102997	6.09	55147	7.32					
8M39764.D	AC45779-010	145532	4.52	109961	6.09	58409	7.32					
8M39765.D	AC45779-011	147090	4.52	104509	6.09	56362	7.32					
8M39766.D	AC45779-012	146823	4.51	105873	6.09	62192	7.32					
8M39767.D	AC45779-013	155292	4.51	106213	6.09	60564	7.32					
8M39768.D	AC45774-011	150378	4.52	107478	6.09	59812	7.32					
8M39769.D	BLK	149593	4.51	114021	6.09	58303	7.32					
8M39770.D	AC45818-002	146436	4.51	110125	6.09	56233	7.32					
8M39771.D	AC45803-001	148558	4.51	100689	6.09	67467	7.32					
8M39772.D	AC45803-002	158714	4.51	110025	6.09	65547	7.32					
8M39773.D	AC45803-003	159558	4.51	113618	6.09	69931	7.32					
8M39774.D	AC45803-005	161335	4.51	108293	6.09	72087	7.32					
8M39775.D	AC45803-004	163694	4.51	109472	6.09	62350	7.32					
8M39776.D	MBS12809	168465	4.52	118420	6.09	64991	7.32					
8M39777.D	AC45803-004	165193	4.52	111371	6.09	64328	7.32					
8M39778.D	AC45779-005	171987	4.52	122383	6.09	60740	7.32					
8M39779.D	AC45779-005	172031	4.52	125668	6.09	59746	7.32					
8M39780.D	BLK	173187	4.52	117920	6.09	61268	7.32					
8M39781.D	BLK	169099	4.52	120980	6.09	64564	7.32					
8M39782.D	BLK	172531	4.52	121639	6.09	61495	7.32					
8M39783.D	BLK	167558	4.52	122663	6.09	60011	7.32					
8M39784.D	BLK	168604	4.52	125916	6.09	60606	7.32					
8M39785.D	BLK	169557	4.52	116524	6.09	61328	7.32					
8M39786.D	BLK	179415	4.52	125928	6.09	61944	7.32					
8M39787.D	BLK	158976	4.52	121357	6.09	58314	7.32					
8M39790.D	MBS12813	162694	4.52	118211	6.09	57703	7.32					
8M39791.D	BLK	161981	4.52	116537	6.09	60580	7.32					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 8M39871.D Method: EPA 8260B

Analysis Date/Time: 07/21/09 07:48

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	132967	4.51	99813	6.07	54068	7.31						
Eval File Area Limit:	66484-265934		49906-199626		27034-108136							
Eval File Rt Limit:	4.01-5.01		5.57-6.57		6.81-7.81							

Data File	Sample											
8M39869.D	BLK	2982	4.49	0	0.00	0	0.00					
8M39870.D	20 PPB	136482	4.50	98210	6.07	57443	7.31					
8M39872.D	BLK	144194	4.51	103907	6.07	52311	7.31					
8M39873.D	DAILY BLANK	144813	4.51	97715	6.07	54947	7.32					
8M39874.D	DAILY BLANK	146023	4.51	105394	6.07	56338	7.32					
8M39875.D	AC45774-023	145313	4.51	107528	6.07	50737	7.32					
8M39876.D	MBS12830	142318	4.51	105410	6.07	59642	7.32					
8M39877.D	AC45807-001(	142918	4.51	109856	6.08	55194	7.32					
8M39878.D	AC45807-002(	141766	4.51	105682	6.07	55245	7.31					
8M39879.D	MBS12831	144990	4.51	103005	6.07	54183	7.32					
8M39881.D	BLK	128276	4.50	100586	6.07	54129	7.32					
8M39884.D	BLK	161091	4.51	115138	6.08	61819	7.32					
8M39885.D	AC45840-008(	157694	4.51	107791	6.08	56184	7.32					
8M39886.D	AC45840-009(	139446	4.51	101491	6.07	58020	7.32					
8M39890.D	AC45807-001(	159474	4.51	117559	6.08	67801	7.32					
8M39891.D	AC45807-002(	168158	4.51	120954	6.08	67611	7.32					
8M39892.D	EF-1-V-69665	161374	4.51	121252	6.07	65117	7.32					
8M39893.D	BLK	161966	4.51	120302	6.08	62635	7.32					
8M39903.D	AC45884-007	143078	4.51	103292	6.08	59786	7.32					
8M39904.D	AC45884-004	145124	4.51	100977	6.08	70812	7.32					
8M39905.D	AC45885-006	151172	4.51	103201	6.08	68592	7.32					
8M39906.D	AC45807-001(	162719	4.51	119082	6.08	65649	7.32					
8M39907.D	AC45840-001(	160795	4.51	116541	6.08	60562	7.32					
8M39908.D	AC45840-001(	160037	4.51	115408	6.08	61895	7.32					
8M39909.D	BLKJUG#3	151769	4.51	118566	6.08	63127	7.32					
8M39910.D	BLKJUG#2	158225	4.51	120009	6.08	59578	7.32					
8M39911.D	BLK	150937	4.51	109490	6.08	59032	7.32					
8M39912.D	BLK	147887	4.51	112516	6.08	60330	7.32					
8M39913.D	MBS12839	153515	4.51	111743	6.08	60235	7.32					
8M39914.D	BLK	152683	4.51	112281	6.08	58838	7.32					
8M39931.D	MBS12840	145571	4.51	111520	6.08	60872	7.32					
8M39932.D	AC45824-001(	148081	4.51	111658	6.08	61355	7.32					
8M39933.D	AC45824-001(	147231	4.51	107069	6.08	60456	7.32					
8M39934.D	MBS12841	155802	4.51	110597	6.08	61883	7.32					
8M39935.D	BLK	146416	4.51	110235	6.08	57743	7.32					
8M39936.D	BLK	147140	4.51	106889	6.08	56591	7.32					
8M39937.D	BLK	150529	4.51	104908	6.07	57563	7.32					
8M39938.D	BLK	142052	4.51	99486	6.07	54637	7.32					
8M39939.D	BLK	144175	4.51	110978	6.08	53710	7.32					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 8M39945.D Method: EPA 8260B

Analysis Date/Time: 07/22/09 09:22

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	125049	4.50	94919	6.07	55187	7.31						
Eval File Area Limit:	62524-250098		47460-189838		27594-110374							
Eval File Rt Limit:	4-5		5.57-6.57		6.81-7.81							

Data File	Sample											
8M39946.D	BLKJUG2	131019	4.50	93950	6.07	52794	7.31					
8M39947.D	DAILY BLANK	145953	4.51	95625	6.08	53305	7.31					
8M39948.D	DAILY BLANK	138977	4.51	105145	6.07	56127	7.32					
8M39951.D	MBS12845	135622	4.51	102098	6.07	53966	7.31					
8M39952.D	MBS12846	136905	4.51	94406	6.07	55758	7.31					
8M39953.D	BLKJUG#1	136439	4.51	102935	6.08	52701	7.32					
8M39954.D	AC45774-021	136439	4.51	99202	6.07	51704	7.32					
8M39955.D	AC45919-001	139647	4.51	105503	6.07	55809	7.32					
8M39956.D	AC45919-002	143070	4.51	105182	6.07	56623	7.32					
8M39957.D	AC45919-003	139800	4.51	104480	6.08	54300	7.32					
8M39958.D	AC45919-004	143841	4.51	104033	6.08	54149	7.32					
8M39965.D	BLK	139881	4.51	97376	6.08	53575	7.32					
8M39966.D	AC45916-006	143514	4.51	104511	6.08	54103	7.32					
8M39972.D	AC45807-001(	131375	4.51	109167	6.08	57047	7.32					
8M39973.D	AC45807-001(	140423	4.51	104903	6.08	61168	7.32					
8M39974.D	MBS12849	139155	4.51	104822	6.08	55969	7.32					
8M39975.D	AC45832-004(	136934	4.51	106749	6.08	59113	7.32					
8M39976.D	AC45832-004(	142028	4.51	105833	6.08	59456	7.32					
8M39977.D	BLK	138990	4.51	101734	6.08	53680	7.32					
8M39979.D	BLK	137738	4.51	100531	6.08	54678	7.32					
8M39980.D	BLK	137017	4.51	99052	6.08	53544	7.32					
8M39981.D	BLK	133202	4.51	100904	6.08	51892	7.32					
8M39982.D	BLK	134487	4.51	93634	6.08	48523	7.32					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1.4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-001
Client Id: 1-30-185-SB01 (15-20)
Data File: 1M47049.D
Analysis Date: 07/16/09 11:37
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.1g
Final Vol: NA
Dilution: 0.980
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	U	75-15-0	Carbon Disulfide	0.0051	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	U	56-23-5	Carbon Tetrachloride	0.0051	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0051	U	108-90-7	Chlorobenzene	0.0051	U
79-00-5	1,1,2-Trichloroethane	0.0051	U	75-00-3	Chloroethane	0.0051	U
75-34-3	1,1-Dichloroethane	0.0051	U	67-66-3	Chloroform	0.0051	U
75-35-4	1,1-Dichloroethene	0.0051	U	74-87-3	Chloromethane	0.0051	U
87-61-6	1,2,3-Trichlorobenzene	0.0051	U	156-59-2	cis-1,2-Dichloroethene	0.0051	U
96-18-4	1,2,3-Trichloropropane	0.0051	U	10061-01-5	cis-1,3-Dichloropropene	0.0051	U
120-82-1	1,2,4-Trichlorobenzene	0.0051	U	110-82-7	Cyclohexane	0.0051	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0051	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0051	U	75-71-8	Dichlorodifluoromethane	0.0051	U
106-93-4	1,2-Dibromoethane	0.0051	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0051	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0051	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0051	U	79-20-9	Methyl Acetate	0.0051	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0051	U
541-73-1	1,3-Dichlorobenzene	0.0051	U	75-09-2	Methylene Chloride	0.0051	U
142-28-9	1,3-Dichloropropane	0.0051	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0051	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.26	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0051	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0051	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0051	U	100-42-5	Styrene	0.0051	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.026	U
108-10-1	4-Methyl-2-Pentanone	0.0051	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.026	U	127-18-4	Tetrachloroethene	0.0051	U
107-02-8	Acrolein	0.026	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0051	U	156-60-5	trans-1,2-Dichloroethene	0.0051	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0051	U
74-97-5	Bromochloromethane	0.0051	U	79-01-6	Trichloroethene	0.0051	U
75-27-4	Bromodichloromethane	0.0051	U	75-69-4	Trichlorofluoromethane	0.0051	U
75-25-2	Bromoform	0.0051	U	75-01-4	Vinyl Chloride	0.0051	U
74-83-9	Bromomethane	0.0051	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

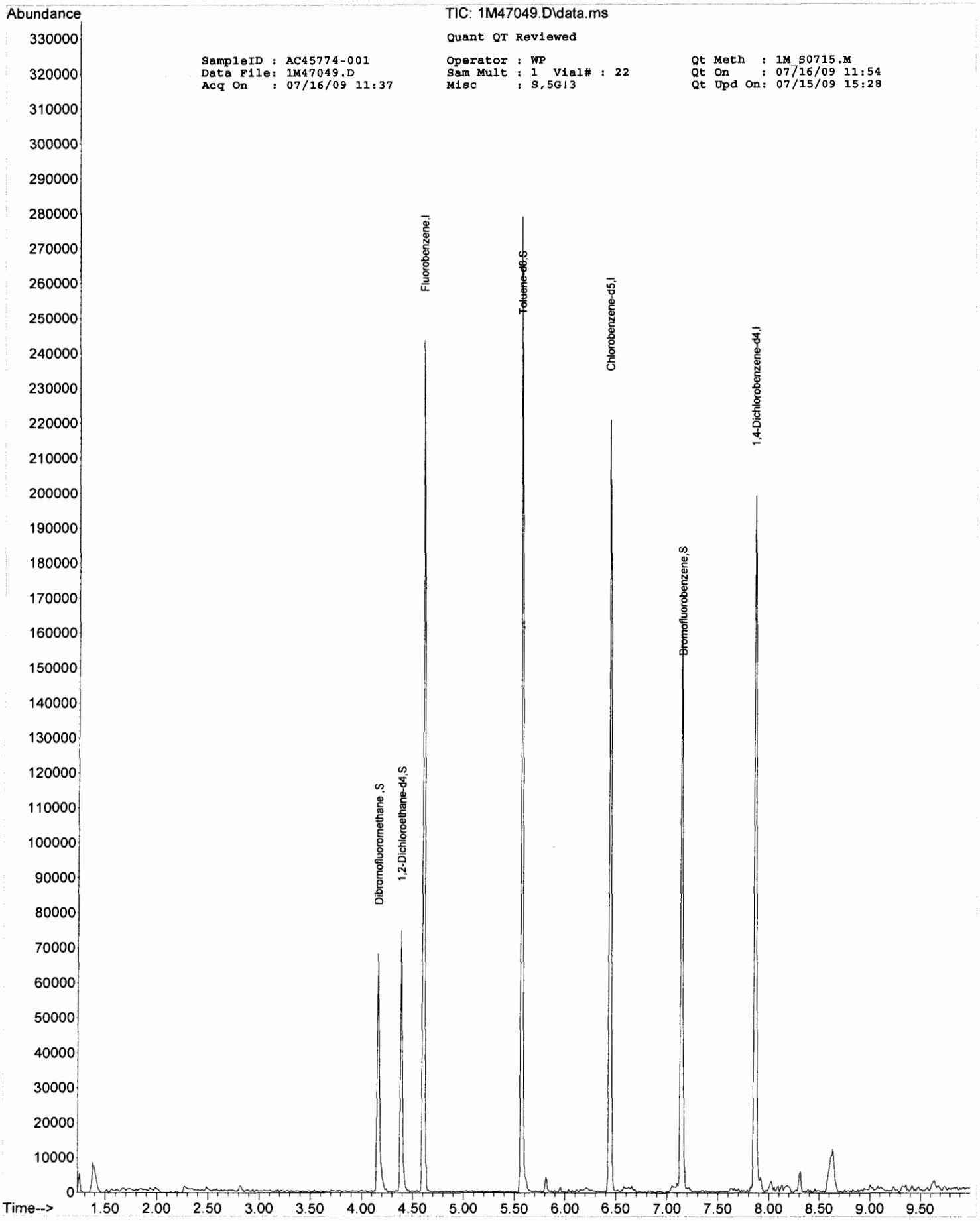
SampleID : AC45774-001 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47049.D Sam Mult : 1 Vial# : 22 Qt On : 07/16/09 11:54
Acq On : 07/16/09 11:37 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.605	96	117053	30.00	ug/l	0.01
45) Chlorobenzene-d5	6.438	117	84284	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.867	152	43170	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.162	111	33413	29.82	ug/l	0.01
Spiked Amount 30.000			Recovery = 99.40%			
32) 1,2-Dichloroethane-d4	4.388	102	5800	29.49	ug/l	0.01
Spiked Amount 30.000			Recovery = 98.30%			
56) Toluene-d8	5.571	100	71794	28.45	ug/l	0.01
Spiked Amount 30.000			Recovery = 94.83%			
64) Bromofluorobenzene	7.148	174	34018	29.18	ug/l	0.01
Spiked Amount 30.000			Recovery = 97.27%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

R


Abundance
TIC: 1M47049.D\data.ms
Quant QT Reviewed
SampleID : AC45774-001
Data File: 1M47049.D
Acq On : 07/16/09 11:37
Operator : WP
Sam Mult : 1 Vial# : 22
Misc : S,5G|3
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 11:54
Qt Upd On: 07/15/09 15:28
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-002
Client Id: 1-30-185-SB02 (15-20)
Data File: 1M47050.D
Analysis Date: 07/16/09 11:54
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.05g
Final Vol: NA
Dilution: 0.990
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0053	U	75-15-0	Carbon Disulfide	0.0053	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0053	U	56-23-5	Carbon Tetrachloride	0.0053	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0053	U	108-90-7	Chlorobenzene	0.0053	U
79-00-5	1,1,2-Trichloroethane	0.0053	U	75-00-3	Chloroethane	0.0053	U
75-34-3	1,1-Dichloroethane	0.0053	U	67-66-3	Chloroform	0.0053	U
75-35-4	1,1-Dichloroethene	0.0053	U	74-87-3	Chloromethane	0.0053	U
87-61-6	1,2,3-Trichlorobenzene	0.0053	U	156-59-2	cis-1,2-Dichloroethene	0.0053	U
96-18-4	1,2,3-Trichloropropane	0.0053	U	10061-01-5	cis-1,3-Dichloropropene	0.0053	U
120-82-1	1,2,4-Trichlorobenzene	0.0053	U	110-82-7	Cyclohexane	0.0053	U
95-63-6	**1,2,4-Trimethylbenzene**	**0.0011**	**0.0012**	124-48-1	Dibromochloromethane	0.0053	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0053	U	75-71-8	Dichlorodifluoromethane	0.0053	U
106-93-4	1,2-Dibromoethane	0.0053	U	100-41-4	Ethylbenzene	0.0011	U
95-50-1	1,2-Dichlorobenzene	0.0053	U	98-82-8	Isopropylbenzene	0.0011	U
107-06-2	1,2-Dichloroethane	0.0053	U	136777612	m&p-Xylenes	0.0011	U
78-87-5	1,2-Dichloropropane	0.0053	U	79-20-9	Methyl Acetate	0.0053	U
108-67-8	1,3,5-Trimethylbenzene	0.0011	U	108-87-2	Methylcyclohexane	0.0053	U
541-73-1	1,3-Dichlorobenzene	0.0053	U	75-09-2	Methylene Chloride	0.0053	U
142-28-9	1,3-Dichloropropane	0.0053	U	1634-04-4	Methyl-t-butyl ether	0.0011	U
106-46-7	1,4-Dichlorobenzene	0.0053	U	104-51-8	n-Butylbenzene	0.0011	U
123-91-1	1,4-Dioxane	0.27	U	103-65-1	n-Propylbenzene	0.0011	U
78-93-3	2-Butanone	0.0053	U	95-47-6	o-Xylene	0.0011	U
110-75-8	2-Chloroethylvinylether	0.0053	U	135-98-8	sec-Butylbenzene	0.0011	U
591-78-6	2-Hexanone	0.0053	U	100-42-5	Styrene	0.0053	U
99-87-6	**4-Isopropyltoluene**	**0.0011**	**0.012**	75-65-0	t-Butyl Alcohol	0.027	U
108-10-1	4-Methyl-2-Pentanone	0.0053	U	98-06-6	t-Butylbenzene	0.0011	U
67-64-1	Acetone	0.027	U	**127-18-4**	**Tetrachloroethene**	**0.0053**	**0.21**
107-02-8	Acrolein	0.027	U	108-88-3	Toluene	0.0011	U
107-13-1	Acrylonitrile	0.0053	U	156-60-5	trans-1,2-Dichloroethene	0.0053	U
71-43-2	Benzene	0.0011	U	10061-02-6	trans-1,3-Dichloropropene	0.0053	U
74-97-5	Bromochloromethane	0.0053	U	79-01-6	Trichloroethene	0.0053	U
75-27-4	Bromodichloromethane	0.0053	U	75-69-4	Trichlorofluoromethane	0.0053	U
75-25-2	Bromoform	0.0053	U	75-01-4	Vinyl Chloride	0.0053	U
74-83-9	Bromomethane	0.0053	U	1330-20-7	Xylenes (Total)	0.0011	U

Worksheet #: 124452

Total Target Concentration 0.22

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used,

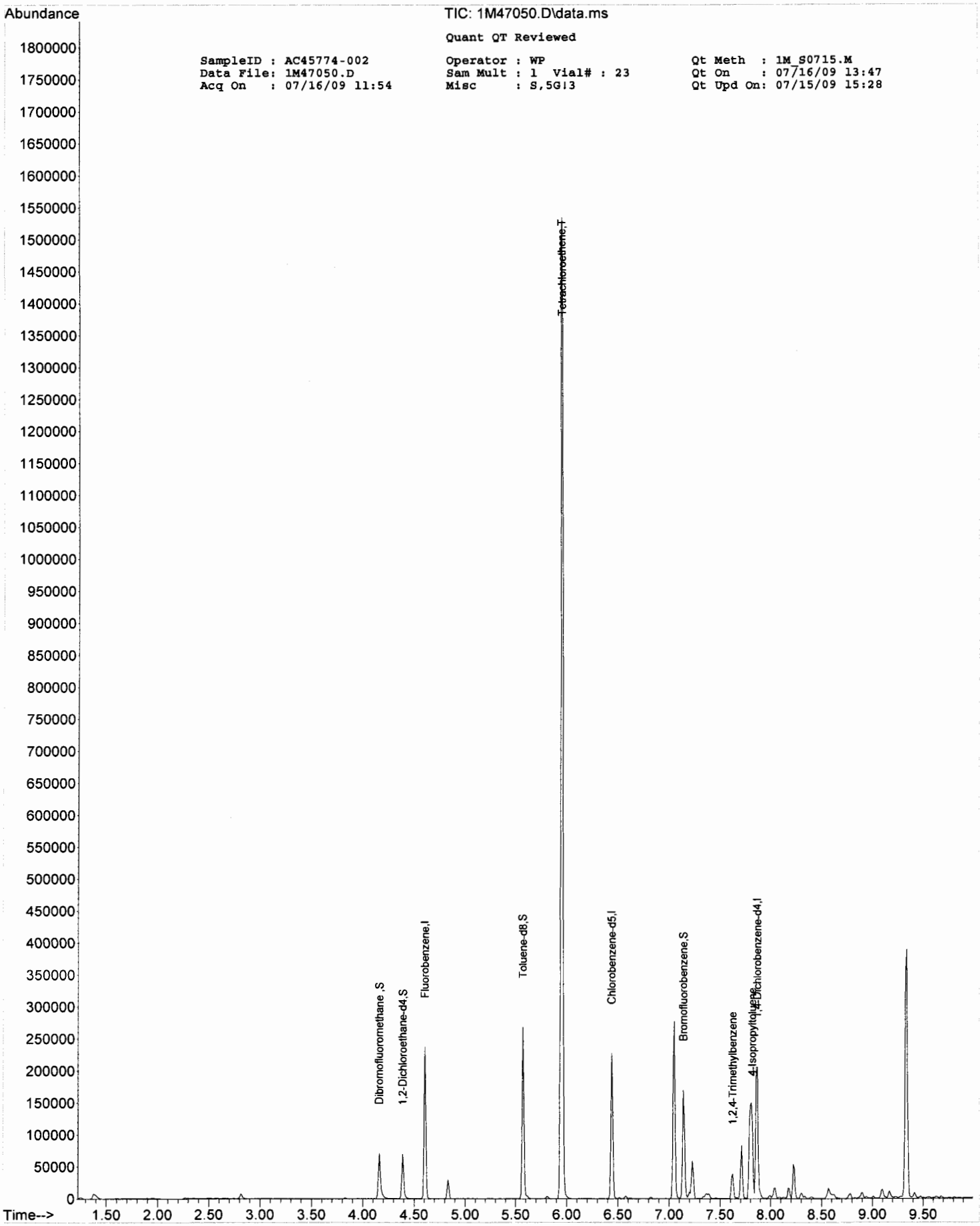
Quantitation Report (QT Reviewed)

SampleID : AC45774-002 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47050.D Sam Mult : 1 Vial# : 23 Qt On : 07/16/09 13:47
Acq On : 07/16/09 11:54 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.606	96	111288	30.00	ug/l	0.01
45) Chlorobenzene-d5	6.439	117	80548	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.868	152	42257	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.162	111	32718	30.71	ug/l	0.01
Spiked Amount 30.000			Recovery = 102.37%			
32) 1,2-Dichloroethane-d4	4.389	102	6137	32.82	ug/l	0.01
Spiked Amount 30.000			Recovery = 109.40%			
56) Toluene-d8	5.572	100	70837	29.37	ug/l	0.01
Spiked Amount 30.000			Recovery = 97.90%			
64) Bromofluorobenzene	7.139	174	34316	30.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.23%			
Target Compounds						Qvalue
55) Tetrachloroethene	5.956	164	273579	200.12	ug/l	96
82) 1,2,4-Trimethylbenzene	7.622	105	5953m	1.15	ug/l	
84) 4-Isopropyltoluene	7.819	119	59107	11.35	ug/l	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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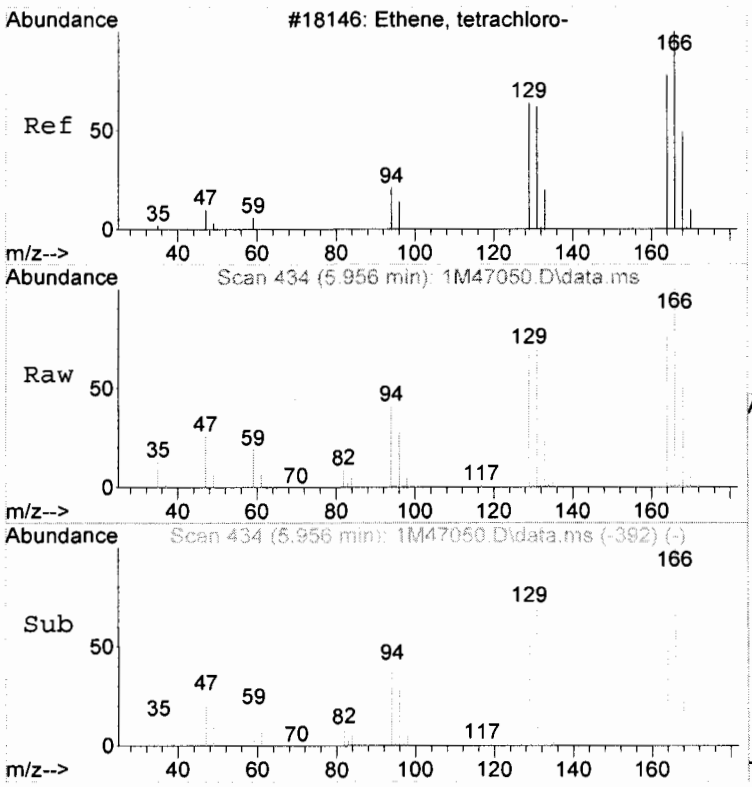
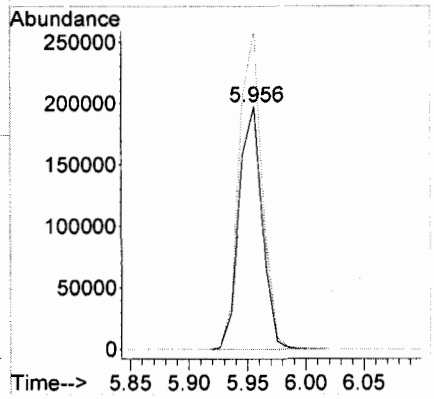
Quant QT Reviewed
SampleID : AC45774-002
Data File: 1M47050.D
Acq On : 07/16/09 11:54
Operator : WP
Sam Mult : 1 Vial# : 23
Misc : S,5G|3
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 13:47
Qt Upd On: 07/15/09 15:28
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,2,4-Trimethylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
Time-->

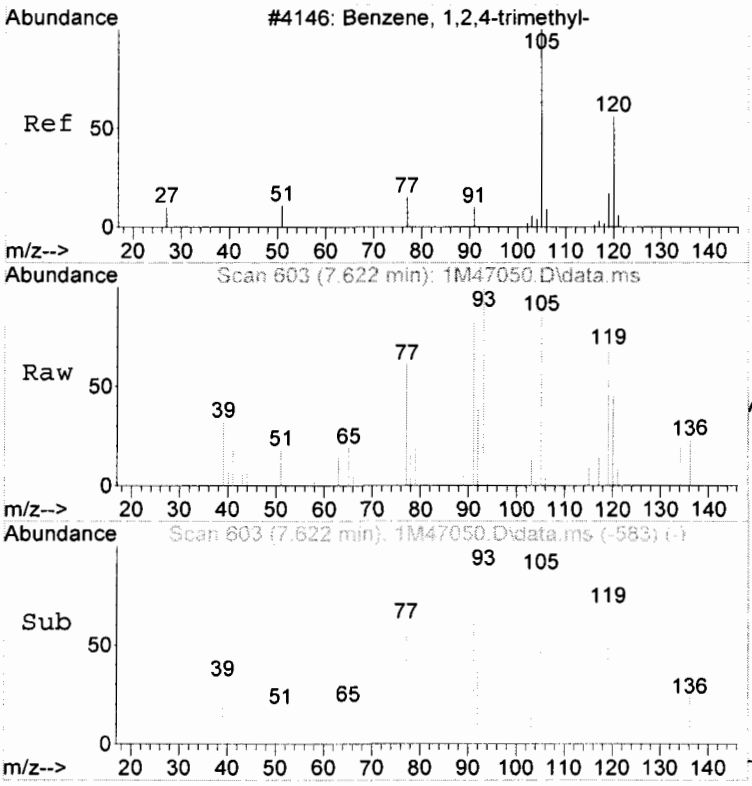


#55
Tetrachloroethene
Concen: 200.12 ug/l
RT: 5.956 min Scan# 434
Delta R.T. 0.011 min
Lab File: 1M47050.D
Acq: 16 Jul 2009 11:54

Tgt Ion:164 Resp: 273579

Ion	Ratio	Lower	Upper
164	100		
166	131.2	56.4	196.4

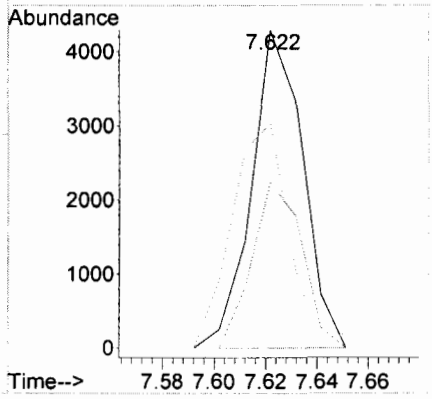


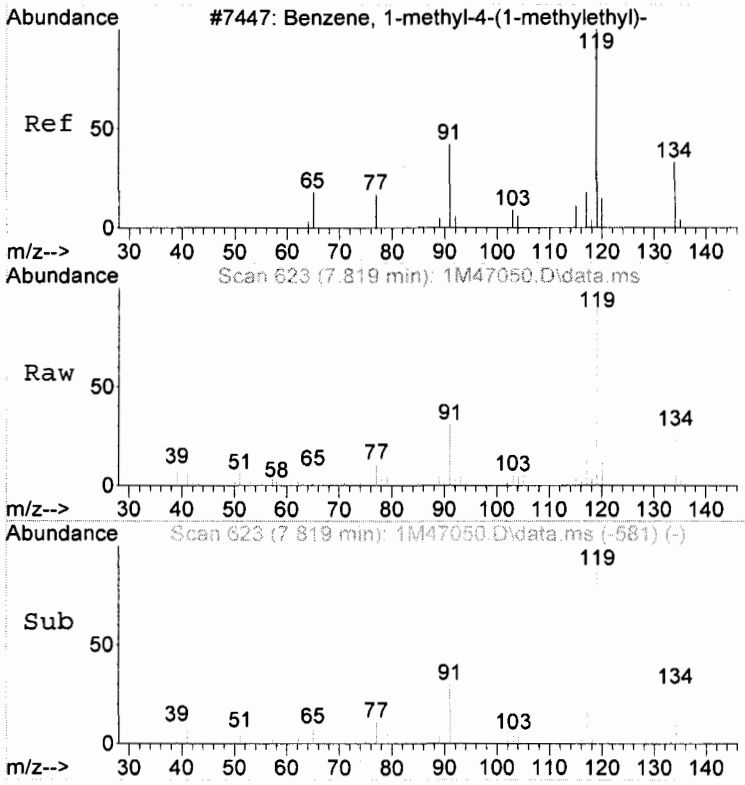


#82
1,2,4-Trimethylbenzene
Concen: 1.15 ug/l m
RT: 7.622 min Scan# 603
Delta R.T. 0.001 min
Lab File: 1M47050.D
Acq: 16 Jul 2009 11:54

Tgt Ion:105 Resp: 5953

Ion	Ratio	Lower	Upper
105	100		
120	51.0	12.2	92.2
77	78.8	0.0	66.0#

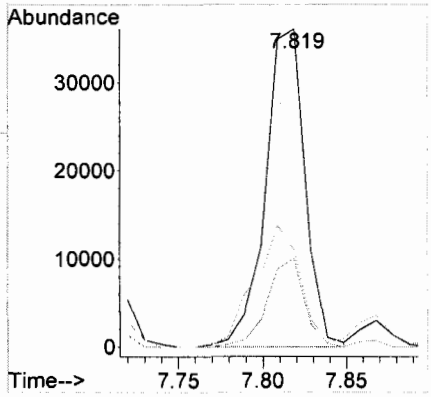




#84
4-Isopropyltoluene
Concen: 11.35 ug/l
RT: 7.819 min Scan# 623
Delta R.T. 0.011 min
Lab File: 1M47050.D
Acq: 16 Jul 2009 11:54

Tgt Ion:119 Resp: 59107

Ion	Ratio	Lower	Upper
119	100		
134	26.1	0.0	66.7
91	43.9	0.0	66.3



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-003
Client Id: 1-30-185-SB03 (5-10)
Data File: 1M47052.D
Analysis Date: 07/16/09 12:28
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	U	75-15-0	Carbon Disulfide	0.0051	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	U	56-23-5	Carbon Tetrachloride	0.0051	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0051	U	108-90-7	Chlorobenzene	0.0051	U
79-00-5	1,1,2-Trichloroethane	0.0051	U	75-00-3	Chloroethane	0.0051	U
75-34-3	1,1-Dichloroethane	0.0051	U	67-66-3	Chloroform	0.0051	U
75-35-4	1,1-Dichloroethene	0.0051	U	74-87-3	Chloromethane	0.0051	U
87-61-6	1,2,3-Trichlorobenzene	0.0051	U	156-59-2	cis-1,2-Dichloroethene	0.0051	U
96-18-4	1,2,3-Trichloropropane	0.0051	U	10061-01-5	cis-1,3-Dichloropropene	0.0051	U
120-82-1	1,2,4-Trichlorobenzene	0.0051	U	110-82-7	Cyclohexane	0.0051	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0051	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0051	U	75-71-8	Dichlorodifluoromethane	0.0051	U
106-93-4	1,2-Dibromoethane	0.0051	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0051	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0051	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0051	U	79-20-9	Methyl Acetate	0.0051	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0051	U
541-73-1	1,3-Dichlorobenzene	0.0051	U	75-09-2	Methylene Chloride	0.0051	U
142-28-9	1,3-Dichloropropane	0.0051	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0051	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0051	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0051	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0051	U	100-42-5	Styrene	0.0051	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0051	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0051	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0051	U	156-60-5	trans-1,2-Dichloroethene	0.0051	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0051	U
74-97-5	Bromochloromethane	0.0051	U	79-01-6	Trichloroethene	0.0051	U
75-27-4	Bromodichloromethane	0.0051	U	75-69-4	Trichlorofluoromethane	0.0051	U
75-25-2	Bromoform	0.0051	U	75-01-4	Vinyl Chloride	0.0051	U
74-83-9	Bromomethane	0.0051	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC45774-003 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47052.D Sam Mult : 1 Vial# : 25 Qt On : 07/16/09 13:47
Acq On : 07/16/09 12:28 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

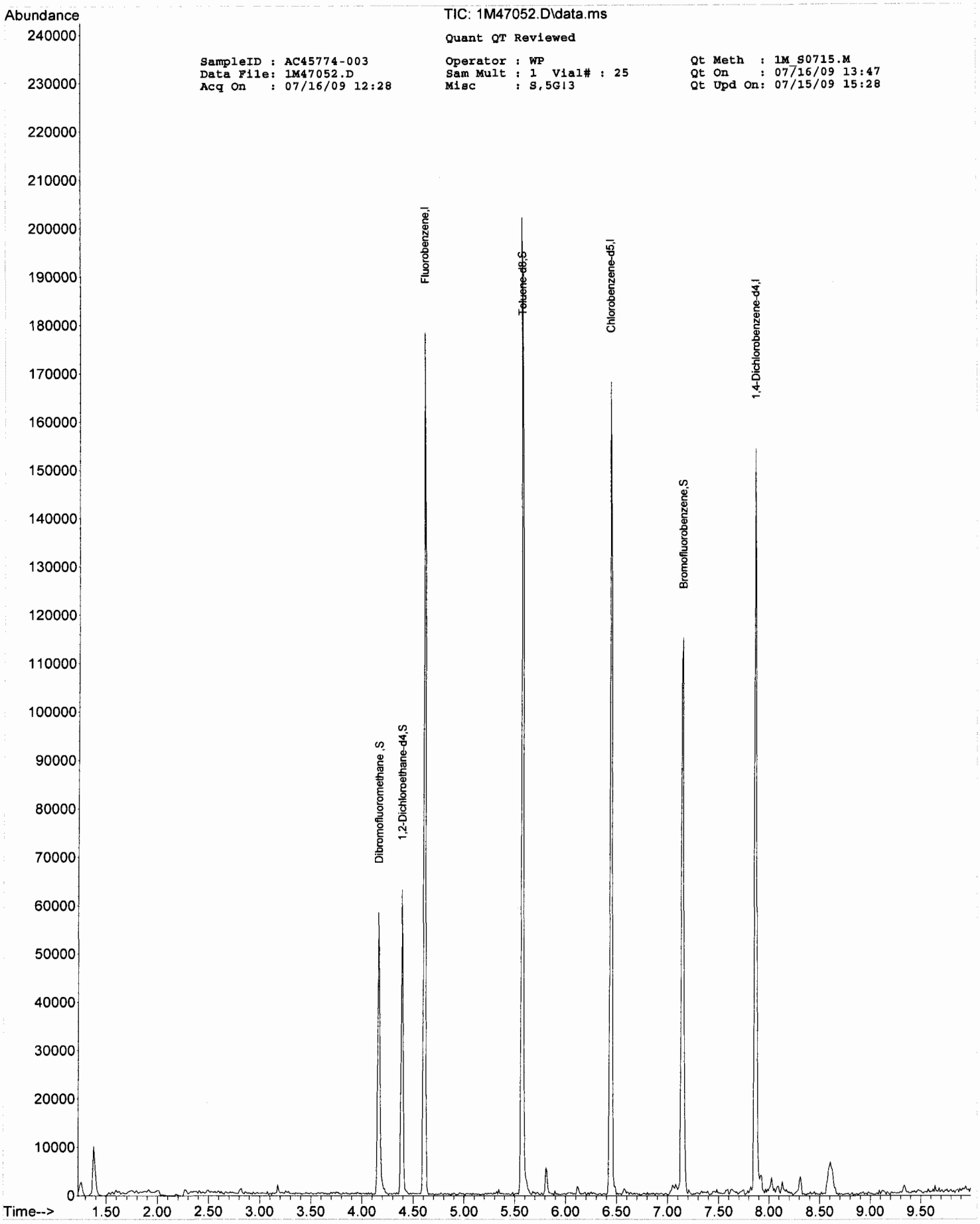
Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.605	96	87858	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.438	117	63314	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.867	152	31528	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	25283	30.06	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.20%			
32) 1,2-Dichloroethane-d4	4.388	102	4280	29.00	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.67%			
56) Toluene-d8	5.571	100	56364	29.73	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.10%			
64) Bromofluorobenzene	7.148	174	25414	29.85	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.50%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

RL


Abundance
TIC: 1M47052.D\data.ms
Quant QT Reviewed
SampleID : AC45774-003
Data File: 1M47052.D
Acq On : 07/16/09 12:28
Operator : WP
Sam Mult : 1 Vial# : 25
Misc : S,5G13
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 13:47
Qt Upd On: 07/15/09 15:28
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-004
Client Id: 1-30-185-SB04 (10-15)
Data File: 1M47053.D
Analysis Date: 07/16/09 12:46
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.06g
Final Vol: NA
Dilution: 0.988
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	U	75-15-0	Carbon Disulfide	0.0051	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	U	56-23-5	Carbon Tetrachloride	0.0051	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0051	U	108-90-7	Chlorobenzene	0.0051	U
79-00-5	1,1,2-Trichloroethane	0.0051	U	75-00-3	Chloroethane	0.0051	U
75-34-3	1,1-Dichloroethane	0.0051	U	67-66-3	Chloroform	0.0051	U
75-35-4	1,1-Dichloroethene	0.0051	U	74-87-3	Chloromethane	0.0051	U
87-61-6	1,2,3-Trichlorobenzene	0.0051	U	156-59-2	cis-1,2-Dichloroethene	0.0051	U
96-18-4	1,2,3-Trichloropropane	0.0051	U	10061-01-5	cis-1,3-Dichloropropene	0.0051	U
120-82-1	1,2,4-Trichlorobenzene	0.0051	U	110-82-7	Cyclohexane	0.0051	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0051	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0051	U	75-71-8	Dichlorodifluoromethane	0.0051	U
106-93-4	1,2-Dibromoethane	0.0051	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0051	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0051	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0051	U	79-20-9	Methyl Acetate	0.0051	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0051	U
541-73-1	1,3-Dichlorobenzene	0.0051	U	75-09-2	Methylene Chloride	0.0051	U
142-28-9	1,3-Dichloropropane	0.0051	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0051	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0051	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0051	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0051	U	100-42-5	Styrene	0.0051	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0051	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0051	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0051	U	156-60-5	trans-1,2-Dichloroethene	0.0051	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0051	U
74-97-5	Bromochloromethane	0.0051	U	79-01-6	Trichloroethene	0.0051	U
75-27-4	Bromodichloromethane	0.0051	U	75-69-4	Trichlorofluoromethane	0.0051	U
75-25-2	Bromoform	0.0051	U	75-01-4	Vinyl Chloride	0.0051	U
74-83-9	Bromomethane	0.0051	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

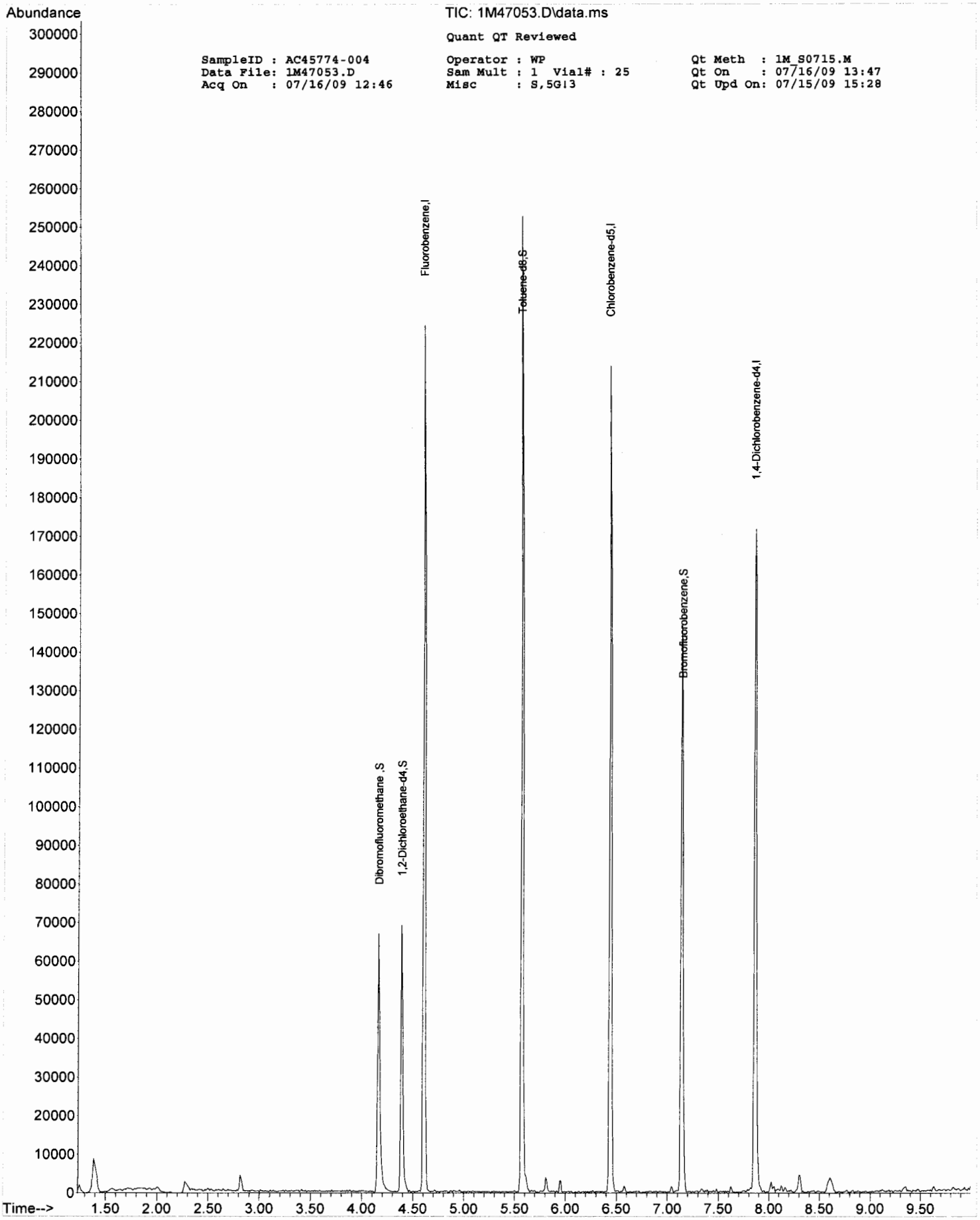
SampleID : AC45774-004 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47053.D Sam Mult : 1 Vial# : 25 Qt On : 07/16/09 13:47
Acq On : 07/16/09 12:46 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.605	96	108768	30.00	ug/l	0.01
45) Chlorobenzene-d5	6.438	117	77931	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.867	152	37944	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.162	111	33027	31.72	ug/l	0.01
Spiked Amount 30.000			Recovery = 105.73%			
32) 1,2-Dichloroethane-d4	4.388	102	5677	31.07	ug/l	0.01
Spiked Amount 30.000			Recovery = 103.57%			
56) Toluene-d8	5.571	100	67758	29.04	ug/l	0.01
Spiked Amount 30.000			Recovery = 96.80%			
64) Bromofluorobenzene	7.148	174	30258	29.53	ug/l	0.01
Spiked Amount 30.000			Recovery = 98.43%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

R


Abundance
TIC: 1M47053.D\data.ms
Quant QT Reviewed
SampleID : AC45774-004
Data File: 1M47053.D
Acq On : 07/16/09 12:46
Operator : WP
Sam Mult : 1 Vial# : 25
Misc : S,5G,3
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 13:47
Qt Upd On: 07/15/09 15:28
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-005
Client Id: 1-30-185-SB05 (15-20)
Data File: 1M47054.D
Analysis Date: 07/16/09 13:03
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.01g
Final Vol: NA
Dilution: 0.998
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	U	75-15-0	Carbon Disulfide	0.0051	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	U	56-23-5	Carbon Tetrachloride	0.0051	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0051	U	108-90-7	Chlorobenzene	0.0051	U
79-00-5	1,1,2-Trichloroethane	0.0051	U	75-00-3	Chloroethane	0.0051	U
75-34-3	1,1-Dichloroethane	0.0051	U	67-66-3	Chloroform	0.0051	U
75-35-4	1,1-Dichloroethene	0.0051	U	74-87-3	Chloromethane	0.0051	U
87-61-6	1,2,3-Trichlorobenzene	0.0051	U	156-59-2	cis-1,2-Dichloroethene	0.0051	U
96-18-4	1,2,3-Trichloropropane	0.0051	U	10061-01-5	cis-1,3-Dichloropropene	0.0051	U
120-82-1	1,2,4-Trichlorobenzene	0.0051	U	110-82-7	Cyclohexane	0.0051	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0051	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0051	U	75-71-8	Dichlorodifluoromethane	0.0051	U
106-93-4	1,2-Dibromoethane	0.0051	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0051	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0051	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0051	U	79-20-9	Methyl Acetate	0.0051	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0051	U
541-73-1	1,3-Dichlorobenzene	0.0051	U	75-09-2	Methylene Chloride	0.0051	U
142-28-9	1,3-Dichloropropane	0.0051	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0051	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.26	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0051	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0051	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0051	U	100-42-5	Styrene	0.0051	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.026	U
108-10-1	4-Methyl-2-Pentanone	0.0051	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.026	U	127-18-4	Tetrachloroethene	0.0051	U
107-02-8	Acrolein	0.026	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0051	U	156-60-5	trans-1,2-Dichloroethene	0.0051	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0051	U
74-97-5	Bromochloromethane	0.0051	U	79-01-6	Trichloroethene	0.0051	U
75-27-4	Bromodichloromethane	0.0051	U	75-69-4	Trichlorofluoromethane	0.0051	U
75-25-2	Bromoform	0.0051	U	75-01-4	Vinyl Chloride	0.0051	U
74-83-9	Bromomethane	0.0051	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

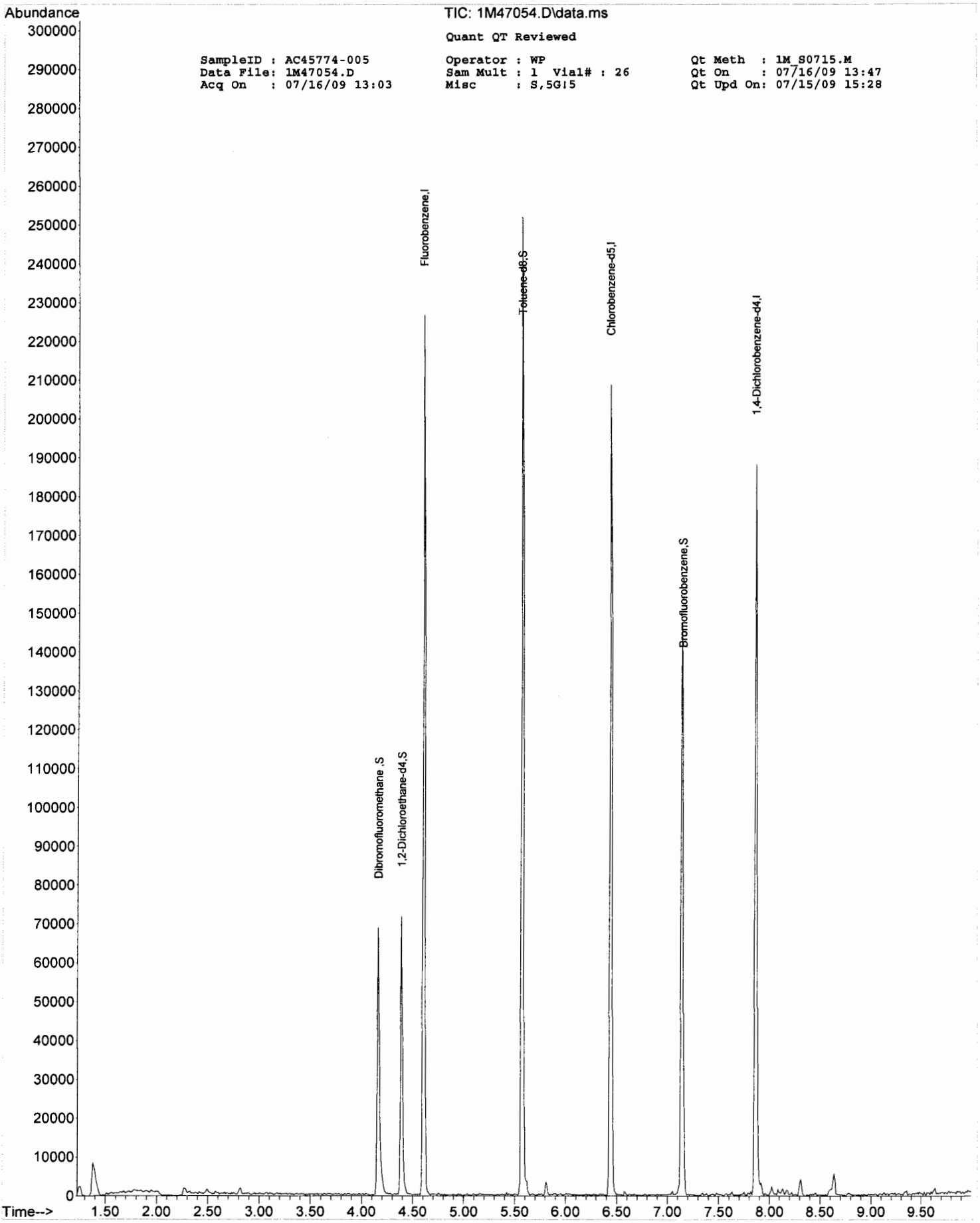
Quantitation Report (QT Reviewed)

SampleID : AC45774-005 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47054.D Sam Mult : 1 Vial# : 26 Qt On : 07/16/09 13:47
Acq On : 07/16/09 13:03 Misc : S,5G!5 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.605	96	110583	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.438	117	78167	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.867	152	39312	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	32023	30.25	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.83%			
32) 1,2-Dichloroethane-d4	4.388	102	5742	30.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.03%			
56) Toluene-d8	5.571	100	67429	28.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.03%			
64) Bromofluorobenzene	7.147	174	32011	30.15	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.50%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47054.D\data.ms
Quant QT Reviewed
SampleID : AC45774-005
Data File: 1M47054.D
Acq On : 07/16/09 13:03
Operator : WP
Sam Mult : 1 Vial# : 26
Misc : S,5G;5
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 13:47
Qt Upd On: 07/15/09 15:28
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-006(MS:AC45
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 1M47055.D
Analysis Date: 07/16/09 13:20
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.06g
Final Vol: NA
Dilution: 0.988
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0051	0.047	75-15-0	Carbon Disulfide	0.0051	0.043
79-34-5	1,1,2,2-Tetrachloroethane	0.0051	0.046	56-23-5	Carbon Tetrachloride	0.0051	0.049
76-13-1	1,1,2-Trichloro-1,2,2-triflu	0.0051	0.093	108-90-7	Chlorobenzene	0.0051	0.045
79-00-5	1,1,2-Trichloroethane	0.0051	0.042	75-00-3	Chloroethane	0.0051	0.046
75-34-3	1,1-Dichloroethane	0.0051	0.045	67-66-3	Chloroform	0.0051	0.045
75-35-4	1,1-Dichloroethene	0.0051	0.040	74-87-3	Chloromethane	0.0051	0.048
87-61-6	1,2,3-Trichlorobenzene	0.0051	0.036	156-59-2	cis-1,2-Dichloroethene	0.0051	0.046
96-18-4	1,2,3-Trichloropropane	0.0051	0.044	10061-01-5	cis-1,3-Dichloropropene	0.0051	0.044
120-82-1	1,2,4-Trichlorobenzene	0.0051	0.039	110-82-7	Cyclohexane	0.0051	0.042
95-63-6	1,2,4-Trimethylbenzene	0.0010	0.045	124-48-1	Dibromochloromethane	0.0051	0.043
96-12-8	1,2-Dibromo-3-Chloroprop	0.0051	0.041	75-71-8	Dichlorodifluoromethane	0.0051	0.040
106-93-4	1,2-Dibromoethane	0.0051	0.042	100-41-4	Ethylbenzene	0.0010	0.045
95-50-1	1,2-Dichlorobenzene	0.0051	0.043	98-82-8	Isopropylbenzene	0.0010	0.042
107-06-2	1,2-Dichloroethane	0.0051	0.048	136777612	m&p-Xylenes	0.0010	0.087
78-87-5	1,2-Dichloropropane	0.0051	0.045	79-20-9	Methyl Acetate	0.0051	0.050
108-67-8	1,3,5-Trimethylbenzene	0.0010	0.042	108-87-2	Methylcyclohexane	0.0051	0.046
541-73-1	1,3-Dichlorobenzene	0.0051	0.043	75-09-2	Methylene Chloride	0.0051	0.045
142-28-9	1,3-Dichloropropane	0.0051	0.045	1634-04-4	Methyl-t-butyl ether	0.0010	0.042
106-46-7	1,4-Dichlorobenzene	0.0051	0.041	104-51-8	n-Butylbenzene	0.0010	0.042
123-91-1	1,4-Dioxane	0.25	2.1	103-65-1	n-Propylbenzene	0.0010	0.044
78-93-3	2-Butanone	0.0051	0.041	95-47-6	o-Xylene	0.0010	0.043
110-75-8	2-Chloroethylvinylether	0.0051	0.038	135-98-8	sec-Butylbenzene	0.0010	0.042
591-78-6	2-Hexanone	0.0051	0.042	100-42-5	Styrene	0.0051	0.045
99-87-6	4-Isopropyltoluene	0.0010	0.044	75-65-0	t-Butyl Alcohol	0.025	0.24
108-10-1	4-Methyl-2-Pentanone	0.0051	0.045	98-06-6	t-Butylbenzene	0.0010	0.044
67-64-1	Acetone	0.025	0.24	127-18-4	Tetrachloroethene	0.0051	0.042
107-02-8	Acrolein	0.025	0.14	108-88-3	Toluene	0.0010	0.042
107-13-1	Acrylonitrile	0.0051	0.038	156-60-5	trans-1,2-Dichloroethene	0.0051	0.047
71-43-2	Benzene	0.0010	0.047	10061-02-6	trans-1,3-Dichloropropene	0.0051	0.045
74-97-5	Bromochloromethane	0.0051	0.043	79-01-6	Trichloroethene	0.0051	0.045
75-27-4	Bromodichloromethane	0.0051	0.044	75-69-4	Trichlorofluoromethane	0.0051	0.042
75-25-2	Bromoform	0.0051	0.042	75-01-4	Vinyl Chloride	0.0051	0.050
74-83-9	Bromomethane	0.0051	0.044	1330-20-7	Xylenes (Total)	0.001	0.13

Worksheet #: 124378

Total Target Concentration 5.5

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC45774-006(MS:AC45 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47055.D Sam Mult : 1 Vial# : 27 Qt On : 07/16/09 13:48
Acq On : 07/16/09 13:20 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.606	96	116452	30.00	ug/l	0.01
45) Chlorobenzene-d5	6.439	117	80773	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.868	152	40812	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.162	111	33309	29.88	ug/l	0.01
Spiked Amount 30.000			Recovery = 99.60%			
32) 1,2-Dichloroethane-d4	4.389	102	6516	33.30	ug/l	0.01
Spiked Amount 30.000			Recovery = 111.00%			
56) Toluene-d8	5.571	100	71714	29.65	ug/l	0.01
Spiked Amount 30.000			Recovery = 98.83%			
64) Bromofluorobenzene	7.148	174	33989	30.84	ug/l	0.01
Spiked Amount 30.000			Recovery = 102.80%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	15915	5.67	ug/l	60
3) Dichlorodifluoromethane	1.376	85	68529	38.82	ug/l	97
4) Chloromethane	1.527	50	75947	47.58	ug/l	95
5) Bromomethane	1.829	94	28571	42.99	ug/l	99
6) Vinyl Chloride	1.577	62	67116	48.84	ug/l	96
7) Chloroethane	1.896	64	35522	44.79	ug/l	98
8) Trichlorofluoromethane	2.080	101	117144	41.33	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.467	101	123350	91.49	ug/l	92
10) Methylene Chloride	2.822	84	62906	43.93	ug/l	89
11) Acrolein	2.378	56	18679	132.71	ug/l	98
12) Acrylonitrile	2.989	53	11770	37.37	ug/l	98
13) Iodomethane	2.585	142	88830	38.75	ug/l	76
14) Acetone	2.487	43	50784	235.11	ug/l	93
15) Carbon Disulfide	2.644	76	202819	41.75	ug/l	100
16) t-Butyl Alcohol	2.881	59	10206	236.16	ug/l	96
17) n-Hexane	3.265	57	64195	34.17	ug/l	84
18) Di-isopropyl-ether	3.423	45	195088	43.08	ug/l	99
19) 1,1-Dichloroethene	2.467	61	111595	39.43	ug/l	93
20) Methyl Acetate	2.733	43	30689	48.91	ug/l	100
21) Methyl-t-butyl ether	3.039	73	90835	41.58	ug/l	86
22) 1,1-Dichloroethane	3.364	63	128442	44.52	ug/l	99
23) trans-1,2-Dichloroethene	3.039	96	66140	46.23	ug/l	73
24) cis-1,2-Dichloroethene	3.827	61	120065	45.26	ug/l	92
25) Bromochloromethane	4.004	49	48894	42.58	ug/l	84
26) 2,2-Dichloropropane	3.837	77	98622	49.23	ug/l	92
27) 1,4-Dioxane	5.049	88	16961	2017.71	ug/l	96
28) 1,1-Dichloropropene	4.310	75	104972	47.43	ug/l	95
29) Chloroform	4.054	83	119639	44.49	ug/l	97
31) Cyclohexane	4.251	56	107756	41.70	ug/l	96
33) 1,2-Dichloroethane	4.438	62	96010	47.57	ug/l	99
34) 2-Butanone	3.827	43	15695	40.11	ug/l	94
35) 1,1,1-Trichloroethane	4.202	97	105579	46.25	ug/l	98
36) Carbon Tetrachloride	4.320	117	93991	48.08	ug/l	92
37) Vinyl Acetate	3.413	43	144059	35.82	ug/l	100
38) Bromodichloromethane	5.128	83	91434	43.56	ug/l	94
39) Methylcyclohexane	4.970	83	110560	44.81	ug/l	70
40) Dibromomethane	5.049	174	32534	42.91	ug/l	91
41) 1,2-Dichloropropane	4.970	63	62043	43.77	ug/l	86
42) Trichloroethene	4.842	130	67210	43.79	ug/l	96
43) Benzene	4.448	78	243338	46.52	ug/l	100
44) tert-Amyl methyl ether	4.507	73	87302	44.94	ug/l	86
46) Dibromochloromethane	6.084	129	52693	42.64	ug/l	97
47) 2-Chloroethylvinylether	5.296	63	18826	37.65	ug/l	90
48) cis-1,3-Dichloropropene	5.404	75	88840	43.50	ug/l	98
49) trans-1,3-Dichloropropene	5.719	75	75254	43.97	ug/l	100
50) 1,1,2-Trichloroethane	5.838	97	38016	41.68	ug/l	92
51) 1,2-Dibromoethane	6.173	107	39452	41.70	ug/l	98
52) 1,3-Dichloropropane	5.946	76	72084	43.69	ug/l	100
53) 4-Methyl-2-Pentanone	5.483	43	30622	44.09	ug/l	98
54) 2-Hexanone	5.966	43	19263	41.27	ug/l	89
55) Tetrachloroethene	5.956	164	57081	41.64	ug/l	95
57) Toluene	5.611	92	146079	41.44	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.498	133	56608	46.21	ug/l	98
59) Chlorobenzene	6.458	112	148788	44.51	ug/l	100
61) Bromoform	6.961	173	29369	41.36	ug/l	98
62) Ethylbenzene	6.518	106	60648	43.82	ug/l	97
63) 1,1,2,2-Tetrachloroethane	7.198	83	42852	44.70	ug/l	89
65) Styrene	6.823	104	148192	43.74	ug/l	88
66) m&p-Xylenes	6.577	106	194499	85.30	ug/l	92

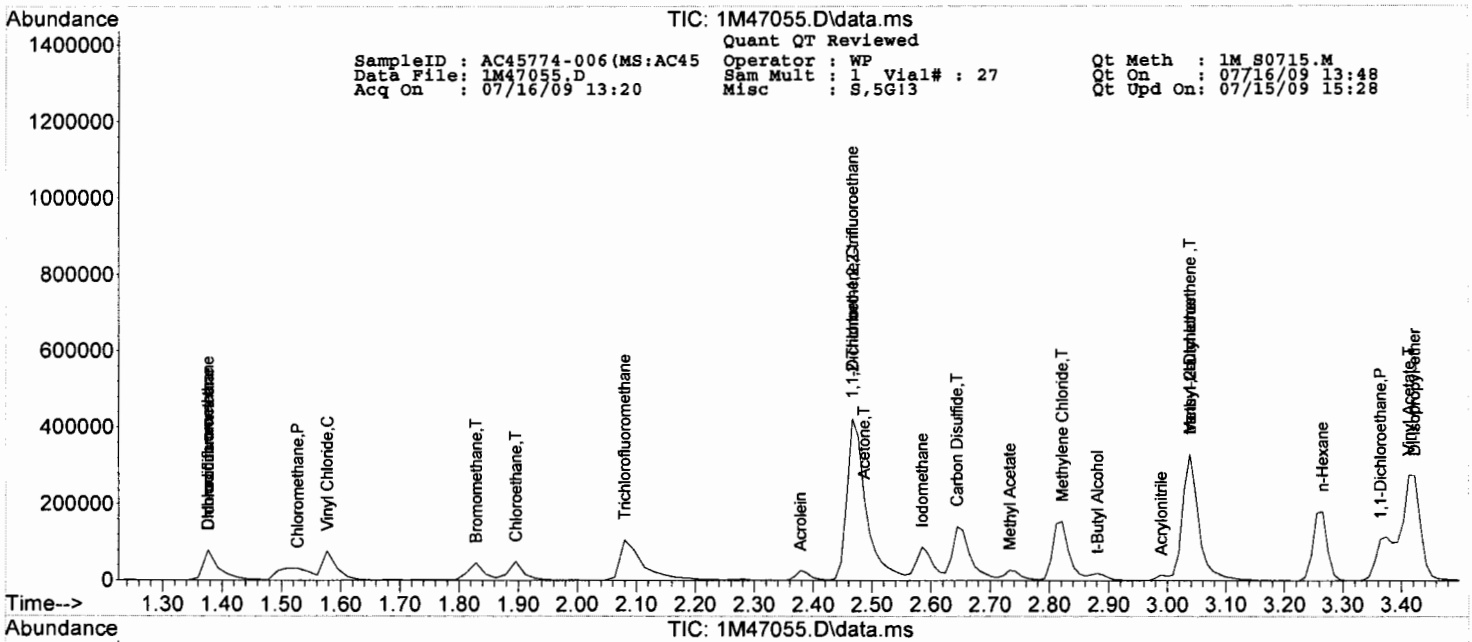
Quantitation Report (QT Reviewed)

SampleID : AC45774-006(MS:AC45 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47055.D Sam Mult : 1 Vial# : 27 Qt On : 07/16/09 13:48
Acq On : 07/16/09 13:20 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.823	106	92858	42.46 ug/l	82
68) trans-1,4-Dichloro-2-b...	7.227	53	17138	46.43 ug/l	68
69) 1,3-Dichlorobenzene	7.828	146	111104	42.62 ug/l	93
70) 1,4-Dichlorobenzene	7.878	146	103476	40.10 ug/l	89
71) 1,2-Dichlorobenzene	8.124	146	94810	41.97 ug/l	93
72) Isopropylbenzene	7.040	105	249205	41.53 ug/l	96
73) Cyclohexanone	7.109	55	8229	348.62 ug/l	92
74) 1,2,3-Trichloropropane	7.237	75	54952	43.60 ug/l	93
75) 2-Chlorotoluene	7.355	91	144192	40.39 ug/l	95
76) p-Ethyltoluene	7.355	105	279939	57.62 ug/l	94
77) 4-Chlorotoluene	7.424	91	150784	40.44 ug/l	96
78) n-Propylbenzene	7.286	91	318804	42.90 ug/l	100
79) Bromobenzene	7.247	77	137324	43.89 ug/l	87
80) 1,3,5-Trimethylbenzene	7.385	105	175757m	40.77 ug/l	
81) t-Butylbenzene	7.602	119	208663	43.18 ug/l	88
82) 1,2,4-Trimethylbenzene	7.621	105	219693	44.05 ug/l	94
83) sec-Butylbenzene	7.740	105	276891	41.58 ug/l	97
84) 4-Isopropyltoluene	7.819	119	218664	43.46 ug/l	94
85) n-Butylbenzene	8.075	91	273340	41.51 ug/l	97
86) p-Diethylbenzene	8.055	119	121062	40.48 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.558	119	190837	43.86 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.617	157	6989	39.95 ug/l	69
89) Hexachlorobutadiene	9.258	225	51765	34.48 ug/l	96
90) 1,2,4-Trichlorobenzene	9.159	180	61162	38.48 ug/l	96
91) 1,2,3-Trichlorobenzene	9.494	180	51761	35.23 ug/l	94
92) Naphthalene	9.336	128	84643	41.06 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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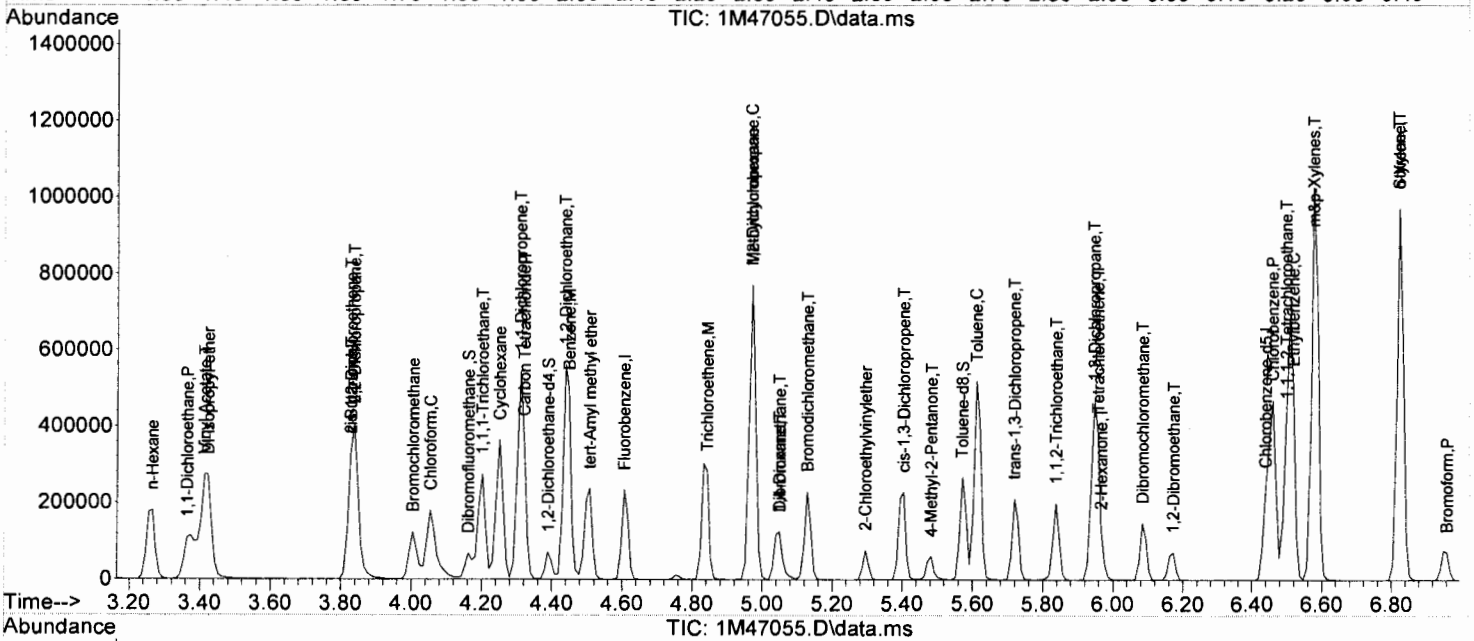
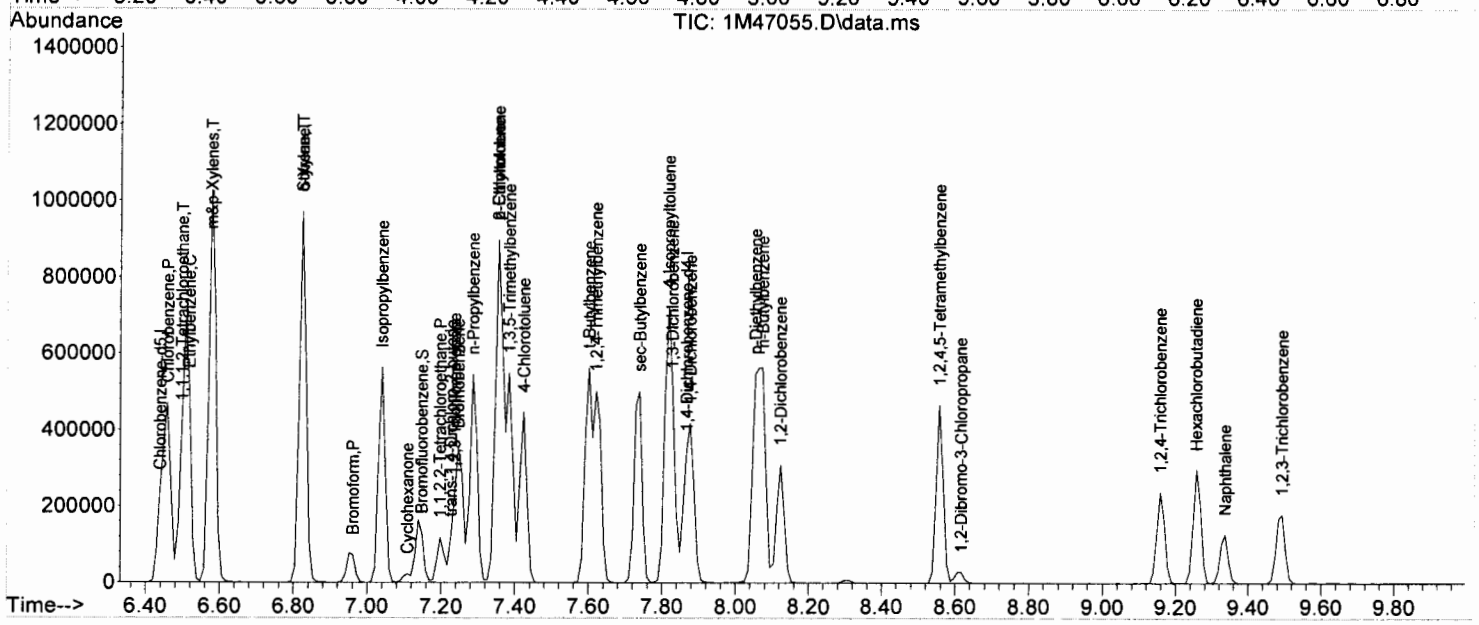
Quant QT Reviewed
SampleID : AC45774-006(MS:AC45
Data File: 1M47055.D
Acq On : 07/16/09 13:20
Operator : WP
Sam Mult : 1 Vial# : 27
Misc : S,5G13
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 13:48
Qt Upd On: 07/15/09 15:28
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M47055.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M47055.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-007(MSD:AC
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 1M47056.D
Analysis Date: 07/16/09 13:37
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.01g
Final Vol: NA
Dilution: 0.998
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0053	0.055	75-15-0	Carbon Disulfide	0.0053	0.049
79-34-5	1,1,2,2-Tetrachloroethane	0.0053	0.048	56-23-5	Carbon Tetrachloride	0.0053	0.057
76-13-1	1,1,2-Trichloro-1,2,2-triflu	0.0053	0.090	108-90-7	Chlorobenzene	0.0053	0.052
79-00-5	1,1,2-Trichloroethane	0.0053	0.049	75-00-3	Chloroethane	0.0053	0.050
75-34-3	1,1-Dichloroethane	0.0053	0.051	67-66-3	Chloroform	0.0053	0.052
75-35-4	1,1-Dichloroethene	0.0053	0.045	74-87-3	Chloromethane	0.0053	0.055
87-61-6	1,2,3-Trichlorobenzene	0.0053	0.043	156-59-2	cis-1,2-Dichloroethene	0.0053	0.051
96-18-4	1,2,3-Trichloropropane	0.0053	0.049	10061-01-5	cis-1,3-Dichloropropene	0.0053	0.049
120-82-1	1,2,4-Trichlorobenzene	0.0053	0.045	110-82-7	Cyclohexane	0.0053	0.049
95-63-6	1,2,4-Trimethylbenzene	0.0011	0.051	124-48-1	Dibromochloromethane	0.0053	0.048
96-12-8	1,2-Dibromo-3-Chloroprop	0.0053	0.046	75-71-8	Dichlorodifluoromethane	0.0053	0.043
106-93-4	1,2-Dibromoethane	0.0053	0.046	100-41-4	Ethylbenzene	0.0011	0.049
95-50-1	1,2-Dichlorobenzene	0.0053	0.047	98-82-8	Isopropylbenzene	0.0011	0.049
107-06-2	1,2-Dichloroethane	0.0053	0.053	136777612	m&p-Xylenes	0.0011	0.096
78-87-5	1,2-Dichloropropane	0.0053	0.052	79-20-9	Methyl Acetate	0.0053	0.055
108-67-8	1,3,5-Trimethylbenzene	0.0011	0.051	108-87-2	Methylcyclohexane	0.0053	0.054
541-73-1	1,3-Dichlorobenzene	0.0053	0.049	75-09-2	Methylene Chloride	0.0053	0.050
142-28-9	1,3-Dichloropropane	0.0053	0.051	1634-04-4	Methyl-t-butyl ether	0.0011	0.047
106-46-7	1,4-Dichlorobenzene	0.0053	0.048	104-51-8	n-Butylbenzene	0.0011	0.049
123-91-1	1,4-Dioxane	0.27	2.4	103-65-1	n-Propylbenzene	0.0011	0.049
78-93-3	2-Butanone	0.0053	0.047	95-47-6	o-Xylene	0.0011	0.049
110-75-8	2-Chloroethylvinylether	0.0053	0.045	135-98-8	sec-Butylbenzene	0.0011	0.049
591-78-6	2-Hexanone	0.0053	0.049	100-42-5	Styrene	0.0053	0.050
99-87-6	4-Isopropyltoluene	0.0011	0.051	75-65-0	t-Butyl Alcohol	0.027	0.27
108-10-1	4-Methyl-2-Pentanone	0.0053	0.046	98-06-6	t-Butylbenzene	0.0011	0.051
67-64-1	Acetone	0.027	0.27	127-18-4	Tetrachloroethene	0.0053	0.049
107-02-8	Acrolein	0.027	0.17	108-88-3	Toluene	0.0011	0.048
107-13-1	Acrylonitrile	0.0053	0.044	156-60-5	trans-1,2-Dichloroethene	0.0053	0.052
71-43-2	Benzene	0.0011	0.053	10061-02-6	trans-1,3-Dichloropropene	0.0053	0.049
74-97-5	Bromochloromethane	0.0053	0.050	79-01-6	Trichloroethene	0.0053	0.051
75-27-4	Bromodichloromethane	0.0053	0.049	75-69-4	Trichlorofluoromethane	0.0053	0.049
75-25-2	Bromoform	0.0053	0.046	75-01-4	Vinyl Chloride	0.0053	0.057
74-83-9	Bromomethane	0.0053	0.049	1330-20-7	Xylenes (Total)	0.0011	0.145

Worksheet #: 124378

Total Target Concentration 6.2

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC45774-007(MSD:AC4 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47056.D Sam Mult : 1 Vial# : 28 Qt On : 07/16/09 13:48
Acq On : 07/16/09 13:37 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.605	96	112672	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.438	117	79252	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.867	152	41402	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	32271	29.92	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.73%			
32) 1,2-Dichloroethane-d4	4.388	102	5698	30.10	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.33%			
56) Toluene-d8	5.570	100	71754	30.24	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.80%			
64) Bromofluorobenzene	7.147	174	33531	29.99	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.97%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.377	51	17338	6.38	ug/l	48
3) Dichlorodifluoromethane	1.377	85	68697	40.22	ug/l	95
4) Chloromethane	1.528	50	80727	52.27	ug/l	99
5) Bromomethane	1.829	94	29900	46.50	ug/l	98
6) Vinyl Chloride	1.578	62	71021	53.42	ug/l	96
7) Chloroethane	1.896	64	35786	46.63	ug/l	100
8) Trichlorofluoromethane	2.081	101	126853	46.26	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.466	101	109973	84.31	ug/l	92
10) Methylene Chloride	2.821	84	64710	46.71	ug/l	95
11) Acrolein	2.377	56	21472	157.67	ug/l	93
12) Acrylonitrile	2.988	53	12772	41.91	ug/l	99
13) Iodomethane	2.584	142	94243	42.49	ug/l	77
14) Acetone	2.486	43	53521	256.09	ug/l	98
15) Carbon Disulfide	2.653	76	215053	45.75	ug/l	100
16) t-Butyl Alcohol	2.880	59	10697	255.83	ug/l	84
17) n-Hexane	3.264	57	70444	38.76	ug/l	78
18) Di-isopropyl-ether	3.422	45	200488	45.76	ug/l	97
19) 1,1-Dichloroethene	2.466	61	116034	42.38	ug/l	92
20) Methyl Acetate	2.732	43	31471	51.84	ug/l	100
21) Methyl-t-butyl ether	3.037	73	92878	43.95	ug/l	86
22) 1,1-Dichloroethane	3.363	63	133528	47.84	ug/l	100
23) trans-1,2-Dichloroethene	3.037	96	68291	49.34	ug/l	75
24) cis-1,2-Dichloroethene	3.826	61	123047	47.94	ug/l	95
25) Bromochloromethane	4.003	49	51878	46.70	ug/l	81
26) 2,2-Dichloropropane	3.836	77	101504	52.37	ug/l	91
27) 1,4-Dioxane	5.048	88	18236	2242.17	ug/l	77
28) 1,1-Dichloropropene	4.309	75	110373	51.54	ug/l	96
29) Chloroform	4.053	83	127910	49.16	ug/l	96
31) Cyclohexane	4.250	56	116349	46.54	ug/l	97
33) 1,2-Dichloroethane	4.437	62	98253	50.31	ug/l	92
34) 2-Butanone	3.826	43	16622	43.91	ug/l	96
35) 1,1,1-Trichloroethane	4.200	97	113462	51.37	ug/l	98
36) Carbon Tetrachloride	4.319	117	101012	53.41	ug/l	89
37) Vinyl Acetate	3.422	43	156640	40.25	ug/l	100
38) Bromodichloromethane	5.127	83	94131	46.35	ug/l	97
39) Methylcyclohexane	4.969	83	121551	50.92	ug/l	70
40) Dibromomethane	5.048	174	34801	47.44	ug/l	95
41) 1,2-Dichloropropane	4.969	63	66861	48.75	ug/l	89
42) Trichloroethene	4.841	130	71621	48.23	ug/l	95
43) Benzene	4.447	78	253206	50.03	ug/l	100
44) tert-Amyl methyl ether	4.506	73	92841	49.39	ug/l	87
46) Dibromochloromethane	6.093	129	54710	45.12	ug/l	98
47) 2-Chloroethylvinylether	5.294	63	20896	42.59	ug/l	92
48) cis-1,3-Dichloropropene	5.403	75	93140	46.48	ug/l	96
49) trans-1,3-Dichloropropene	5.718	75	77667	46.26	ug/l	98
50) 1,1,2-Trichloroethane	5.836	97	41592	46.47	ug/l	95
51) 1,2-Dibromoethane	6.172	107	40225	43.33	ug/l	96
52) 1,3-Dichloropropane	5.945	76	77450	47.85	ug/l	99
53) 4-Methyl-2-Pentanone	5.482	43	29463	43.23	ug/l	89
54) 2-Hexanone	5.974	43	21097	46.07	ug/l	89
55) Tetrachloroethene	5.955	164	61856	45.99	ug/l	98
57) Toluene	5.620	92	157319	45.49	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.497	133	58482	48.66	ug/l	99
59) Chlorobenzene	6.457	112	157202	48.81	ug/l	100
61) Bromoform	6.960	173	31164	43.26	ug/l	97
62) Ethylbenzene	6.517	106	65096	46.36	ug/l	94
63) 1,1,2,2-Tetrachloroethane	7.197	83	44327	45.58	ug/l	89
65) Styrene	6.822	104	160744	46.77	ug/l	81
66) m&p-Xylenes	6.576	106	210213	90.88	ug/l	89

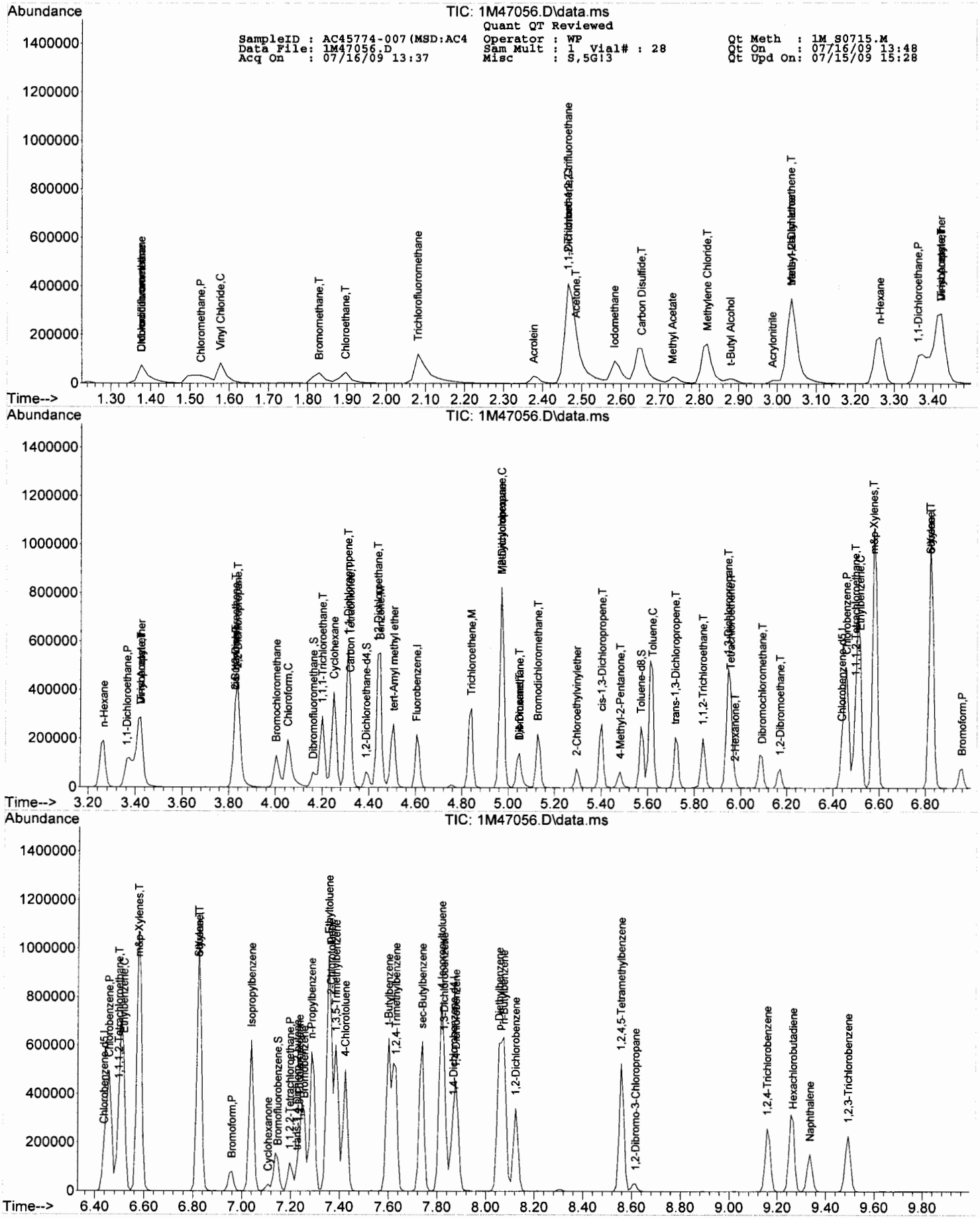
Quantitation Report (QT Reviewed)

SampleID : AC45774-007(MSD:AC4 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47056.D Sam Mult : 1 Vial# : 28 Qt On : 07/16/09 13:48
Acq On : 07/16/09 13:37 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.822	106	102431	46.16 ug/l	86
68) trans-1,4-Dichloro-2-b...	7.226	53	17322	46.26 ug/l	77
69) 1,3-Dichlorobenzene	7.827	146	119332	46.16 ug/l	92
70) 1,4-Dichlorobenzene	7.877	146	115025	45.07 ug/l	93
71) 1,2-Dichlorobenzene	8.123	146	100994	44.07 ug/l	90
72) Isopropylbenzene	7.039	105	279133	45.86 ug/l	96
73) Cyclohexanone	7.108	55	9970	416.36 ug/l	92
74) 1,2,3-Trichloropropane	7.236	75	59438	46.49 ug/l	90
75) 2-Chlorotoluene	7.364	91	158336	43.72 ug/l	96
76) p-Ethyltoluene	7.354	105	297731	60.41 ug/l	95
77) 4-Chlorotoluene	7.423	91	169024	44.68 ug/l	95
78) n-Propylbenzene	7.285	91	349371	46.35 ug/l	99
79) Bromobenzene	7.256	77	146268	46.08 ug/l	89
80) 1,3,5-Trimethylbenzene	7.384	105	208757	47.73 ug/l	51
81) t-Butylbenzene	7.601	119	233302	47.59 ug/l	88
82) 1,2,4-Trimethylbenzene	7.630	105	242881	48.01 ug/l	93
83) sec-Butylbenzene	7.739	105	313778	46.45 ug/l	96
84) 4-Isopropyltoluene	7.817	119	244185	47.84 ug/l	94
85) n-Butylbenzene	8.074	91	308309	46.15 ug/l	97
86) p-Diethylbenzene	8.054	119	137895	45.45 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.557	119	219301	49.69 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.616	157	7752	43.68 ug/l	72
89) Hexachlorobutadiene	9.266	225	62301	40.91 ug/l	98
90) 1,2,4-Trichlorobenzene	9.158	180	68357	42.39 ug/l	98
91) 1,2,3-Trichlorobenzene	9.493	180	60385	40.51 ug/l	97
92) Naphthalene	9.335	128	98578	47.14 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47056.D\data.ms
Quant QT Reviewed
SampleID : AC45774-007(MSD:AC4
Data File: 1M47056.D
Acq On : 07/16/09 13:37
Operator : WP
Sam Mult : 1 Vial# : 28
Misc : S,5G13
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 13:48
Qt Upd On: 07/15/09 15:28
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1,2,4-Trimethylbenzene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4
p-Isopropyltoluene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-008
Client Id: 1-30-185-GP01 (30)
Data File: 8M39751.D
Analysis Date: 07/17/09 08:39
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

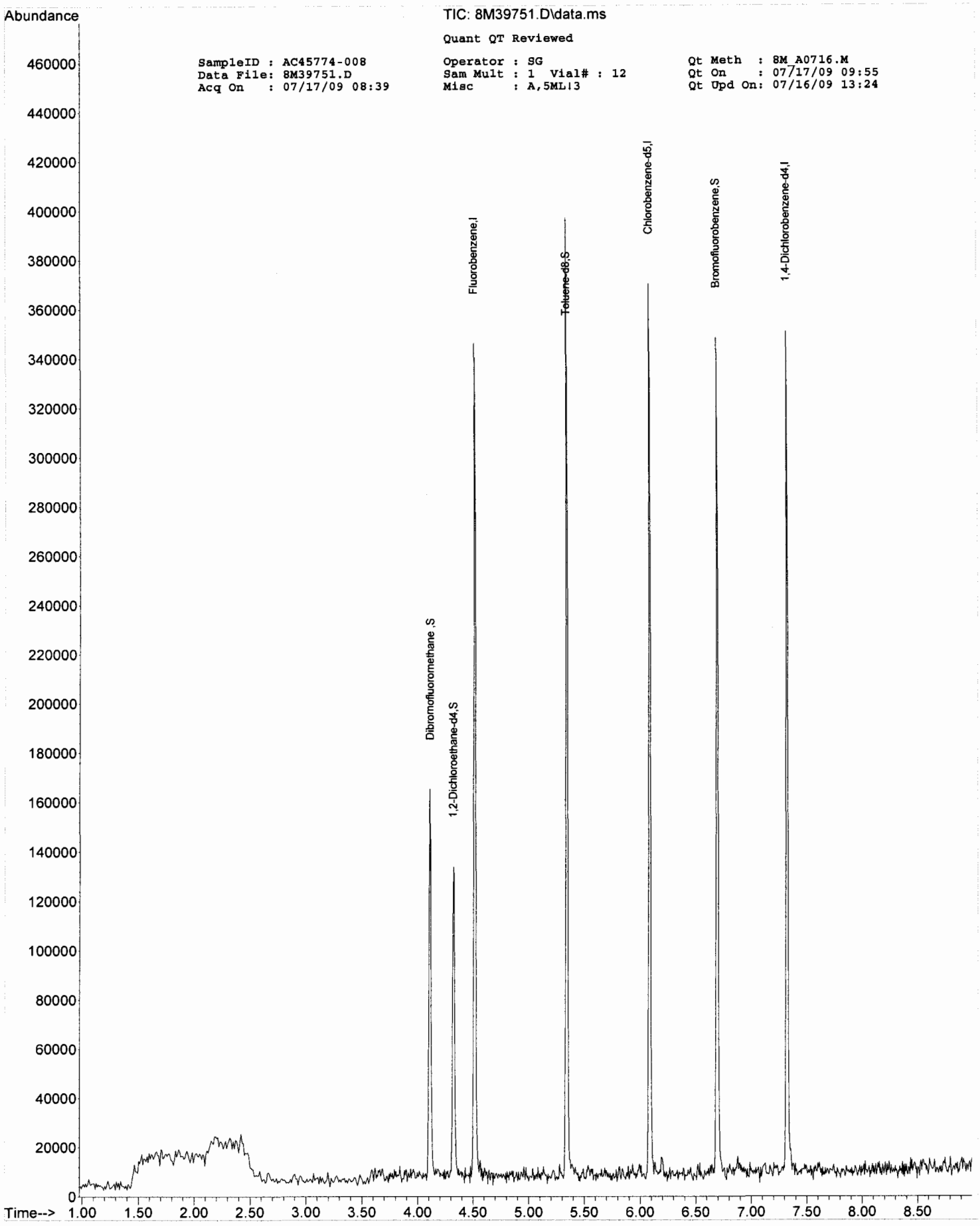
SampleID : AC45774-008 Operator : SG Qt Meth : 8M_A0716.M
Data File: 8M39751.D Sam Mult : 1 Vial# : 12 Qt On : 07/17/09 09:55
Acq On : 07/17/09 08:39 Misc : A,5ML!3 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.512	96	160550	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	111681	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	55144	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	55811	29.89	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.63%			
32) 1,2-Dichloroethane-d4	4.320	102	9444	29.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.80%			
56) Toluene-d8	5.341	100	84221	28.08	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.60%			
64) Bromofluorobenzene	6.693	174	60456	29.89	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.63%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

R


Abundance
TIC: 8M39751.D\data.ms
Quant QT Reviewed
SampleID : AC45774-008
Data File: 8M39751.D
Acq On : 07/17/09 08:39
Operator : SG
Sam Mult : 1 Vial# : 12
Misc : A,5ML;3
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 09:55
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-009(MS:AC45
Client Id: 1-30-185-GP01(30) MS
Data File: 8M39714.D
Analysis Date: 07/16/09 15:52
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	22	75-15-0	Carbon Disulfide	1.0	21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	20	56-23-5	Carbon Tetrachloride	1.0	23
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	21	108-90-7	Chlorobenzene	1.0	20
79-00-5	1,1,2-Trichloroethane	1.0	19	75-00-3	Chloroethane	1.0	22
75-34-3	1,1-Dichloroethane	1.0	21	67-66-3	Chloroform	1.0	21
75-35-4	1,1-Dichloroethene	1.0	20	74-87-3	Chloromethane	1.0	24
87-61-6	1,2,3-Trichlorobenzene	1.0	17	156-59-2	cis-1,2-Dichloroethene	1.0	20
96-18-4	1,2,3-Trichloropropane	1.0	19	10061-01-5	cis-1,3-Dichloropropene	1.0	20
120-82-1	1,2,4-Trichlorobenzene	1.0	20	110-82-7	Cyclohexane	1.0	18
95-63-6	1,2,4-Trimethylbenzene	1.0	21	124-48-1	Dibromochloromethane	1.0	19
96-12-8	1,2-Dibromo-3-Chloroprop	1.0	17	75-71-8	Dichlorodifluoromethane	1.0	23
106-93-4	1,2-Dibromoethane	1.0	18	100-41-4	Ethylbenzene	1.0	23
95-50-1	1,2-Dichlorobenzene	1.0	21	98-82-8	Isopropylbenzene	1.0	21
107-06-2	1,2-Dichloroethane	0.50	22	136777612	m&p-Xylenes	1.0	50
78-87-5	1,2-Dichloropropane	1.0	19	79-20-9	Methyl Acetate	1.0	24
108-67-8	1,3,5-Trimethylbenzene	1.0	21	108-87-2	Methylcyclohexane	1.0	19
541-73-1	1,3-Dichlorobenzene	1.0	21	75-09-2	Methylene Chloride	1.0	20
142-28-9	1,3-Dichloropropane	1.0	19	1634-04-4	Methyl-t-butyl ether	0.50	19
106-46-7	1,4-Dichlorobenzene	1.0	20	104-51-8	n-Butylbenzene	1.0	20
123-91-1	1,4-Dioxane	50	860	103-65-1	n-Propylbenzene	1.0	22
78-93-3	2-Butanone	1.0	19	95-47-6	o-Xylene	1.0	23
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	21
591-78-6	2-Hexanone	1.0	22	100-42-5	Styrene	1.0	21
99-87-6	4-Isopropyltoluene	1.0	21	75-65-0	t-Butyl Alcohol	5.0	100
108-10-1	4-Methyl-2-Pentanone	1.0	19	98-06-6	t-Butylbenzene	1.0	22
67-64-1	Acetone	5.0	91	127-18-4	Tetrachloroethene	1.0	22
107-02-8	Acrolein	5.0	79	108-88-3	Toluene	1.0	22
107-13-1	Acrylonitrile	1.0	23	156-60-5	trans-1,2-Dichloroethene	1.0	24
71-43-2	Benzene	0.50	24	10061-02-6	trans-1,3-Dichloropropene	1.0	19
74-97-5	Bromochloromethane	1.0	20	79-01-6	Trichloroethene	1.0	21
75-27-4	Bromodichloromethane	1.0	18	75-69-4	Trichlorofluoromethane	1.0	25
75-25-2	Bromoform	1.0	19	75-01-4	Vinyl Chloride	1.0	23
74-83-9	Bromomethane	1.0	23	1330-20-7	Xylenes (Total)	1	73

Worksheet #: 124378

Total Target Concentration 2400

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC45774-009(MS:AC45 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39714.D Sam Mult : 1 Vial# : 31 Qt On : 07/17/09 06:10
Acq On : 07/16/09 15:52 Misc : A,5ML!7 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.519	96	172388	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.087	117	119612	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	64880	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	59269	29.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.57%			
32) 1,2-Dichloroethane-d4	4.327	102	10506	31.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.40%			
56) Toluene-d8	5.342	100	92989	28.95	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.50%			
64) Bromofluorobenzene	6.694	174	70365	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.53%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.319	85	45282	23.10	ug/l	99
4) Chloromethane	1.460	50	46501	24.19	ug/l	98
5) Bromomethane	1.780	94	28552	23.06	ug/l	98
6) Vinyl Chloride	1.535	62	44097	22.77	ug/l	99
7) Chloroethane	1.856	64	23220	21.73	ug/l	89
8) Trichlorofluoromethane	2.044	101	76829	24.65	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.430	101	30170	20.70	ug/l	89
10) Methylene Chloride	2.784	84	38435	19.71	ug/l	82
11) Acrolein	2.351	56	22491	79.01	ug/l	99
12) Acrylonitrile	2.971	53	12569	23.09	ug/l	96
13) Iodomethane	2.548	142	79482	20.33	ug/l	71
14) Acetone	2.469	43	50869	91.11	ug/l	93
15) Carbon Disulfide	2.607	76	112797	21.18	ug/l	100
16) t-Butyl Alcohol	2.873	59	17079	99.54	ug/l	79
17) n-Hexane	3.208	57	15787	14.30	ug/l	87
18) Di-isopropyl-ether	3.375	45	121521	19.95	ug/l	97
19) 1,1-Dichloroethene	2.430	61	58506	19.75	ug/l	97
20) Methyl Acetate	2.705	43	31414	23.61	ug/l	100
21) Methyl-t-butyl ether	3.001	73	111438	18.77	ug/l	91
22) 1,1-Dichloroethane	3.326	63	72419	20.54	ug/l	86
23) trans-1,2-Dichloroethene	3.001	96	41482	24.28	ug/l	91
24) cis-1,2-Dichloroethene	3.786	61	65126	19.53	ug/l	95
25) Bromochloromethane	3.955	49	29681	19.79	ug/l	92
26) 2,2-Dichloropropane	3.792	77	56201	20.33	ug/l	89
27) 1,4-Dioxane	4.898	88	16621	861.44	ug/l	99
28) 1,1-Dichloropropene	4.237	75	52218	21.63	ug/l	84
29) Chloroform	4.003	83	77440	21.32	ug/l	95
31) Cyclohexane	4.177	56	35562	18.42	ug/l	94
33) 1,2-Dichloroethane	4.369	62	67104	21.91	ug/l	96
34) 2-Butanone	3.798	43	14744	19.48	ug/l	90
35) 1,1,1-Trichloroethane	4.135	97	68132	21.61	ug/l	90
36) Carbon Tetrachloride	4.243	117	61159	22.96	ug/l	89
37) Vinyl Acetate	3.365	43	112110	16.86	ug/l	100
38) Bromodichloromethane	4.970	83	52692	18.43	ug/l	99
39) Methylcyclohexane	4.820	83	27948	18.93	ug/l	93
40) Dibromomethane	4.898	174	35734	20.17	ug/l	89
41) 1,2-Dichloropropane	4.832	63	33585	19.31	ug/l	95
42) Trichloroethene	4.717	130	42043	20.63	ug/l	87
43) Benzene	4.363	78	130177	24.35	ug/l	100
44) tert-Amyl methyl ether	4.417	73	96032	19.67	ug/l	78
46) Dibromochloromethane	5.787	129	40417	18.88	ug/l	96
48) cis-1,3-Dichloropropene	5.198	75	57075	20.16	ug/l	92
49) trans-1,3-Dichloropropene	5.474	75	52849	18.76	ug/l	99
50) 1,1,2-Trichloroethane	5.576	97	29148	19.08	ug/l	95
51) 1,2-Dibromoethane	5.853	107	32798	18.27	ug/l	94
52) 1,3-Dichloropropane	5.661	76	49133	18.72	ug/l	98
53) 4-Methyl-2-Pentanone	5.270	43	25514	18.60	ug/l	99
54) 2-Hexanone	5.691	43	19560	21.67	ug/l	98
55) Tetrachloroethene	5.661	164	33645	21.59	ug/l	96
57) Toluene	5.378	92	70253	21.61	ug/l	91
58) 1,1,1,2-Tetrachloroethane	6.135	133	36328	20.53	ug/l	99
59) Chlorobenzene	6.099	112	85526	20.38	ug/l	96
61) Bromoform	6.532	173	29847	19.10	ug/l	100
62) Ethylbenzene	6.147	106	42496	23.07	ug/l	93
63) 1,1,2,2-Tetrachloroethane	6.748	83	32252	19.73	ug/l	86
65) Styrene	6.417	104	84317	21.25	ug/l	85
66) m&p-Xylenes	6.207	106	95262	49.54	ug/l	86
67) o-Xylene	6.417	106	51106	23.31	ug/l	94
68) trans-1,4-Dichloro-2-b...	6.778	53	11770	19.76	ug/l	44

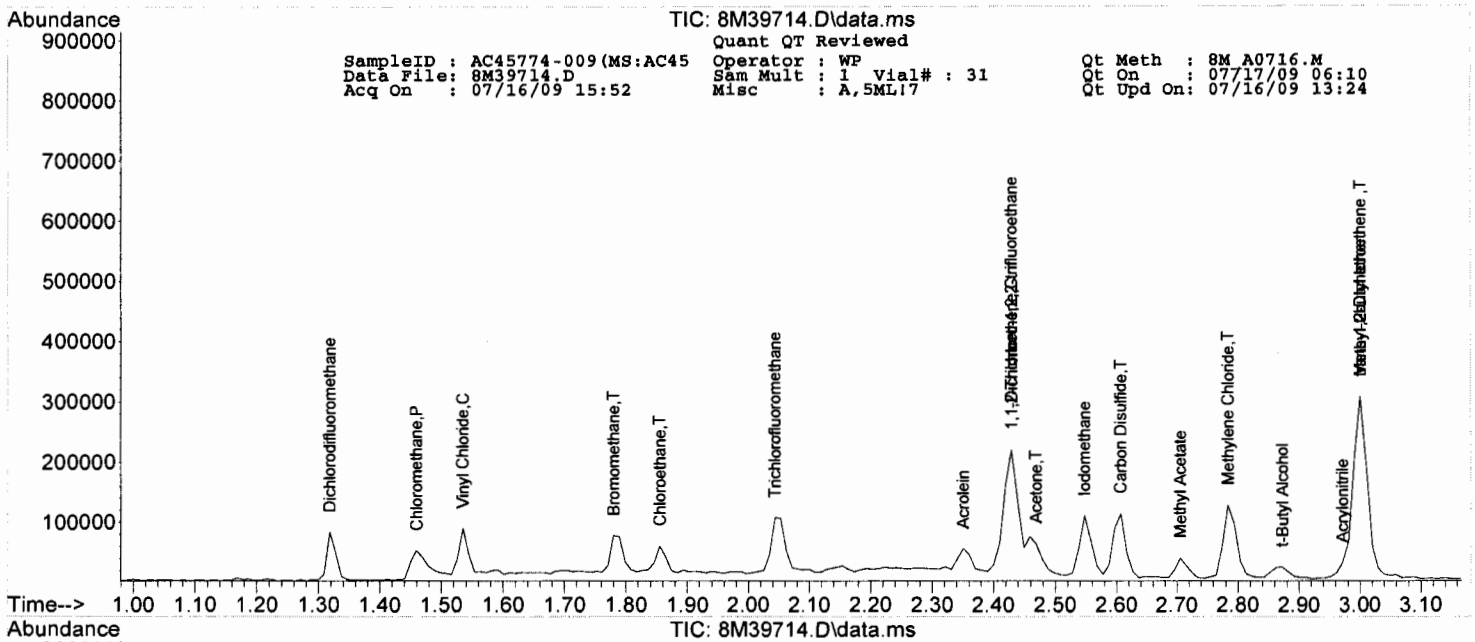
Quantitation Report (QT Reviewed)

SampleID : AC45774-009(MS:AC45 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39714.D Sam Mult : 1 Vial# : 31 Qt On : 07/17/09 06:10
Acq On : 07/16/09 15:52 Misc : A,5ML!7 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
69)	1,3-Dichlorobenzene	7.294	146	61981	21.24 ug/l	97
70)	1,4-Dichlorobenzene	7.336	146	66657	20.17 ug/l	93
71)	1,2-Dichlorobenzene	7.553	146	62835	20.54 ug/l	96
72)	Isopropylbenzene	6.604	105	107674	20.65 ug/l	97
73)	Cyclohexanone	6.664	55	9274	182.54 ug/l	87
74)	1,2,3-Trichloropropane	6.784	75	43749	19.44 ug/l	94
75)	2-Chlorotoluene	6.880	91	96320	22.28 ug/l	96
76)	p-Ethyltoluene	6.880	105	97997	21.17 ug/l	98
77)	4-Chlorotoluene	6.940	91	91824	21.67 ug/l	94
78)	n-Propylbenzene	6.820	91	123777	21.90 ug/l	98
79)	Bromobenzene	6.784	77	75484	24.73 ug/l	94
80)	1,3,5-Trimethylbenzene	6.910	105	88867	20.90 ug/l	89
81)	t-Butylbenzene	7.096	119	81067	22.26 ug/l	93
82)	1,2,4-Trimethylbenzene	7.114	105	92859	21.31 ug/l	91
83)	sec-Butylbenzene	7.210	105	89876	21.47 ug/l	96
84)	4-Isopropyltoluene	7.282	119	75946	20.93 ug/l	91
85)	n-Butylbenzene	7.511	91	87761	20.45 ug/l	91
86)	p-Diethylbenzene	7.499	119	40862	18.52 ug/l	99
87)	1,2,4,5-Tetramethylben...	7.937	119	72171	20.27 ug/l	90
88)	1,2-Dibromo-3-Chloropr...	7.985	157	7584	17.33 ug/l	79
89)	Hexachlorobutadiene	8.550	225	26068	21.21 ug/l	93
90)	1,2,4-Trichlorobenzene	8.466	180	39049	19.97 ug/l	97
91)	1,2,3-Trichlorobenzene	8.754	180	33101	16.68 ug/l	92
92)	Naphthalene	8.616	128	77334	18.47 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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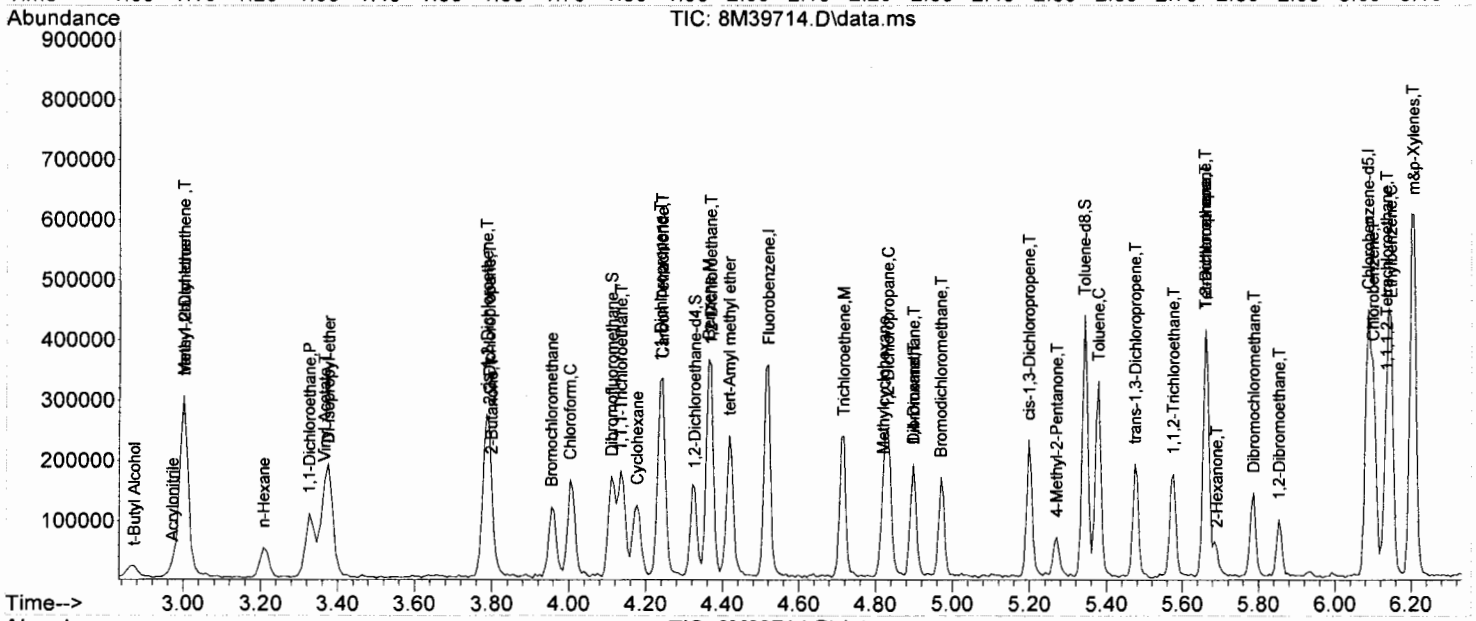
Quant QT Reviewed
SampleID : AC45774-009(MS:AC45
Data File: 8M39714.D
Acq On : 07/16/09 15:52
Operator : WP
Sam Mult : 1 Vial# : 31
Misc : A,5ML17
Qt Meth : 8M_A0716.M
Qt On : 07717/09 06:10
Qt Upd On: 07/16/09 13:24
Abundance
Time-->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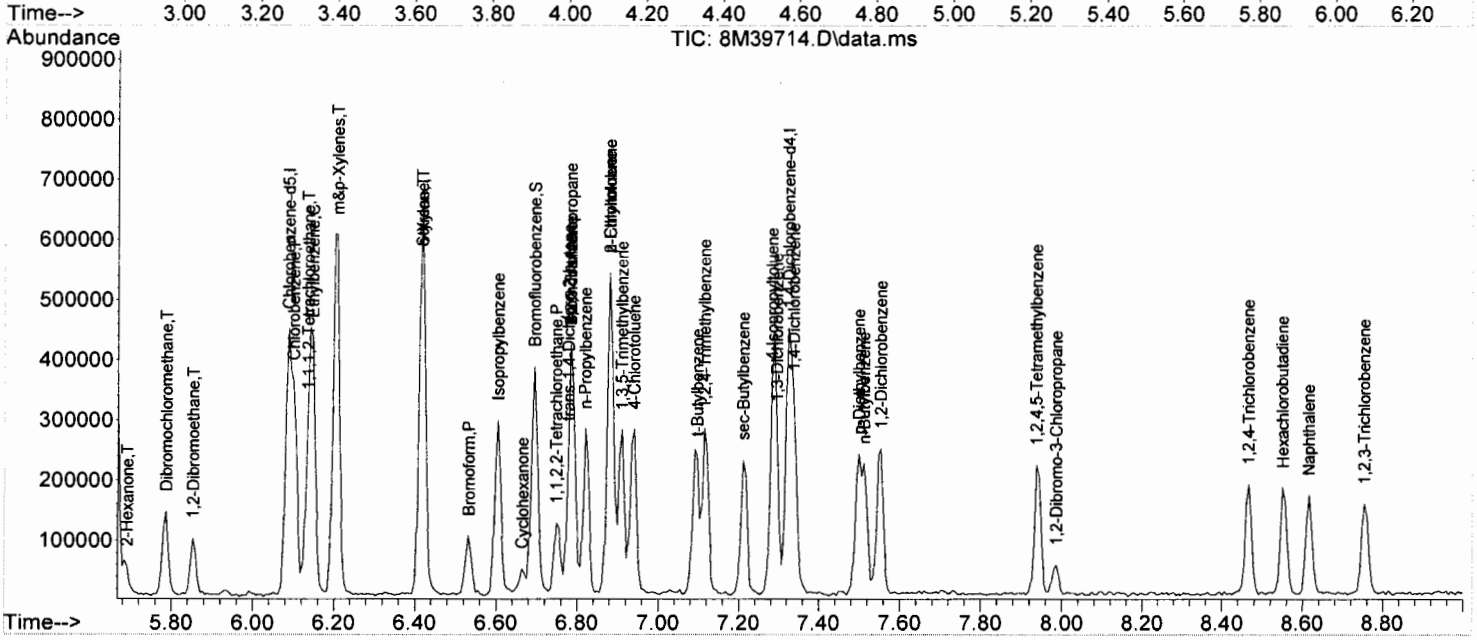
Abundance
Time-->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Abundance
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-010(MSD:AC
Client Id: 1-30-185-GP01 (30) MSD
Data File: 8M39715.D
Analysis Date: 07/16/09 16:09
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	20	75-15-0	Carbon Disulfide	1.0	21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	20	56-23-5	Carbon Tetrachloride	1.0	21
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	22	108-90-7	Chlorobenzene	1.0	20
79-00-5	1,1,2-Trichloroethane	1.0	20	75-00-3	Chloroethane	1.0	22
75-34-3	1,1-Dichloroethane	1.0	21	67-66-3	Chloroform	1.0	22
75-35-4	1,1-Dichloroethene	1.0	20	74-87-3	Chloromethane	1.0	23
87-61-6	1,2,3-Trichlorobenzene	1.0	18	156-59-2	cis-1,2-Dichloroethene	1.0	20
96-18-4	1,2,3-Trichloropropane	1.0	19	10061-01-5	cis-1,3-Dichloropropene	1.0	21
120-82-1	1,2,4-Trichlorobenzene	1.0	18	110-82-7	Cyclohexane	1.0	19
95-63-6	1,2,4-Trimethylbenzene	1.0	21	124-48-1	Dibromochloromethane	1.0	18
96-12-8	1,2-Dibromo-3-Chloroprop	1.0	18	75-71-8	Dichlorodifluoromethane	1.0	23
106-93-4	1,2-Dibromoethane	1.0	19	100-41-4	Ethylbenzene	1.0	22
95-50-1	1,2-Dichlorobenzene	1.0	19	98-82-8	Isopropylbenzene	1.0	19
107-06-2	1,2-Dichloroethane	0.50	23	136777612	m&p-Xylenes	1.0	47
78-87-5	1,2-Dichloropropane	1.0	20	79-20-9	Methyl Acetate	1.0	22
108-67-8	1,3,5-Trimethylbenzene	1.0	21	108-87-2	Methylcyclohexane	1.0	19
541-73-1	1,3-Dichlorobenzene	1.0	20	75-09-2	Methylene Chloride	1.0	21
142-28-9	1,3-Dichloropropane	1.0	19	1634-04-4	Methyl-t-butyl ether	0.50	20
106-46-7	1,4-Dichlorobenzene	1.0	18	104-51-8	n-Butylbenzene	1.0	19
123-91-1	1,4-Dioxane	50	980	103-65-1	n-Propylbenzene	1.0	20
78-93-3	2-Butanone	1.0	18	95-47-6	o-Xylene	1.0	23
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	20
591-78-6	2-Hexanone	1.0	23	100-42-5	Styrene	1.0	20
99-87-6	4-Isopropyltoluene	1.0	20	75-65-0	t-Butyl Alcohol	5.0	120
108-10-1	4-Methyl-2-Pentanone	1.0	20	98-06-6	t-Butylbenzene	1.0	21
67-64-1	Acetone	5.0	98	127-18-4	Tetrachloroethene	1.0	23
107-02-8	Acrolein	5.0	73	108-88-3	Toluene	1.0	23
107-13-1	Acrylonitrile	1.0	23	156-60-5	trans-1,2-Dichloroethene	1.0	24
71-43-2	Benzene	0.50	24	10061-02-6	trans-1,3-Dichloropropene	1.0	19
74-97-5	Bromochloromethane	1.0	19	79-01-6	Trichloroethene	1.0	22
75-27-4	Bromodichloromethane	1.0	19	75-69-4	Trichlorofluoromethane	1.0	23
75-25-2	Bromoform	1.0	17	75-01-4	Vinyl Chloride	1.0	23
74-83-9	Bromomethane	1.0	23	1330-20-7	Xylenes (Total)	1	70

Worksheet #: 124378

Total Target Concentration 2500

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC45774-010(MSD:AC4 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39715.D Sam Mult : 1 Vial# : 32 Qt On : 07/17/09 06:10
Acq On : 07/16/09 16:09 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.519	96	169805	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.087	117	115764	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	66642	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	58995	29.88	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.60%			
32) 1,2-Dichloroethane-d4	4.327	102	9421	28.24	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.13%			
56) Toluene-d8	5.342	100	97329	31.31	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.37%			
64) Bromofluorobenzene	6.694	174	71822	29.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.93%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.320	85	45355	23.49	ug/l	94
4) Chloromethane	1.461	50	44174	23.33	ug/l	99
5) Bromomethane	1.781	94	28475	23.35	ug/l	96
6) Vinyl Chloride	1.536	62	44302	23.22	ug/l	96
7) Chloroethane	1.857	64	23293	22.13	ug/l	99
8) Trichlorofluoromethane	2.045	101	70444	22.94	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.420	101	32056	22.33	ug/l	85
10) Methylene Chloride	2.784	84	40980	21.33	ug/l	97
11) Acrolein	2.351	56	20398	72.74	ug/l	85
12) Acrylonitrile	2.971	53	12181	22.72	ug/l	95
13) Iodomethane	2.548	142	79240	20.57	ug/l	83
14) Acetone	2.459	43	53765	97.76	ug/l	95
15) Carbon Disulfide	2.607	76	108375	20.66	ug/l	100
16) t-Butyl Alcohol	2.863	59	20158	119.27	ug/l	97
17) n-Hexane	3.208	57	16683	15.34	ug/l	80
18) Di-isopropyl-ether	3.375	45	108144	18.03	ug/l	95
19) 1,1-Dichloroethene	2.430	61	58649	20.10	ug/l	95
20) Methyl Acetate	2.705	43	28268	21.57	ug/l	100
21) Methyl-t-butyl ether	3.001	73	115062	19.68	ug/l	90
22) 1,1-Dichloroethane	3.326	63	72344	20.83	ug/l	98
23) trans-1,2-Dichloroethene	3.001	96	40542	24.09	ug/l	98
24) cis-1,2-Dichloroethene	3.786	61	66086	20.12	ug/l	87
25) Bromochloromethane	3.961	49	28622	19.38	ug/l	85
26) 2,2-Dichloropropane	3.792	77	62523	22.96	ug/l	91
27) 1,4-Dioxane	4.904	88	18619	979.68	ug/l	83
28) 1,1-Dichloropropene	4.237	75	50176	21.10	ug/l	91
29) Chloroform	4.009	83	77258	21.59	ug/l	92
31) Cyclohexane	4.177	56	35547	18.70	ug/l	98
33) 1,2-Dichloroethane	4.369	62	69869	23.27	ug/l	95
34) 2-Butanone	3.792	43	13694	18.37	ug/l	98
35) 1,1,1-Trichloroethane	4.141	97	62362	20.08	ug/l	94
36) Carbon Tetrachloride	4.243	117	55994	21.35	ug/l	74
37) Vinyl Acetate	3.365	43	111756	17.07	ug/l	100
38) Bromodichloromethane	4.970	83	52699	18.71	ug/l	85
39) Methylcyclohexane	4.826	83	27999	19.26	ug/l	96
40) Dibromomethane	4.898	174	37746	21.63	ug/l	93
41) 1,2-Dichloropropane	4.838	63	34073	19.89	ug/l	99
42) Trichloroethene	4.717	130	44106	21.97	ug/l	86
43) Benzene	4.363	78	126065	23.94	ug/l	100
44) tert-Amyl methyl ether	4.417	73	92201	19.17	ug/l	81
46) Dibromochloromethane	5.787	129	38166	18.42	ug/l	91
48) cis-1,3-Dichloropropene	5.198	75	57335	20.92	ug/l	95
49) trans-1,3-Dichloropropene	5.474	75	51921	19.04	ug/l	85
50) 1,1,2-Trichloroethane	5.576	97	29385	19.87	ug/l	95
51) 1,2-Dibromoethane	5.853	107	33029	19.01	ug/l	98
52) 1,3-Dichloropropane	5.667	76	49442	19.47	ug/l	87
53) 4-Methyl-2-Pentanone	5.270	43	26617	20.05	ug/l	93
54) 2-Hexanone	5.685	43	20285	23.23	ug/l	81
55) Tetrachloroethene	5.661	164	34242	22.71	ug/l	95
57) Toluene	5.378	92	72271	22.97	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.141	133	35179	20.54	ug/l	82
59) Chlorobenzene	6.105	112	80679	19.86	ug/l	97
61) Bromoform	6.532	173	27419	17.08	ug/l	97
62) Ethylbenzene	6.147	106	41273	21.82	ug/l	98
63) 1,1,2,2-Tetrachloroethane	6.748	83	32846	19.56	ug/l	80
65) Styrene	6.423	104	81900	20.09	ug/l	99
66) m&p-Xylenes	6.207	106	92535	46.85	ug/l	91
67) o-Xylene	6.417	106	50687	22.51	ug/l	83
68) trans-1,4-Dichloro-2-b...	6.778	53	11361	18.57	ug/l	46

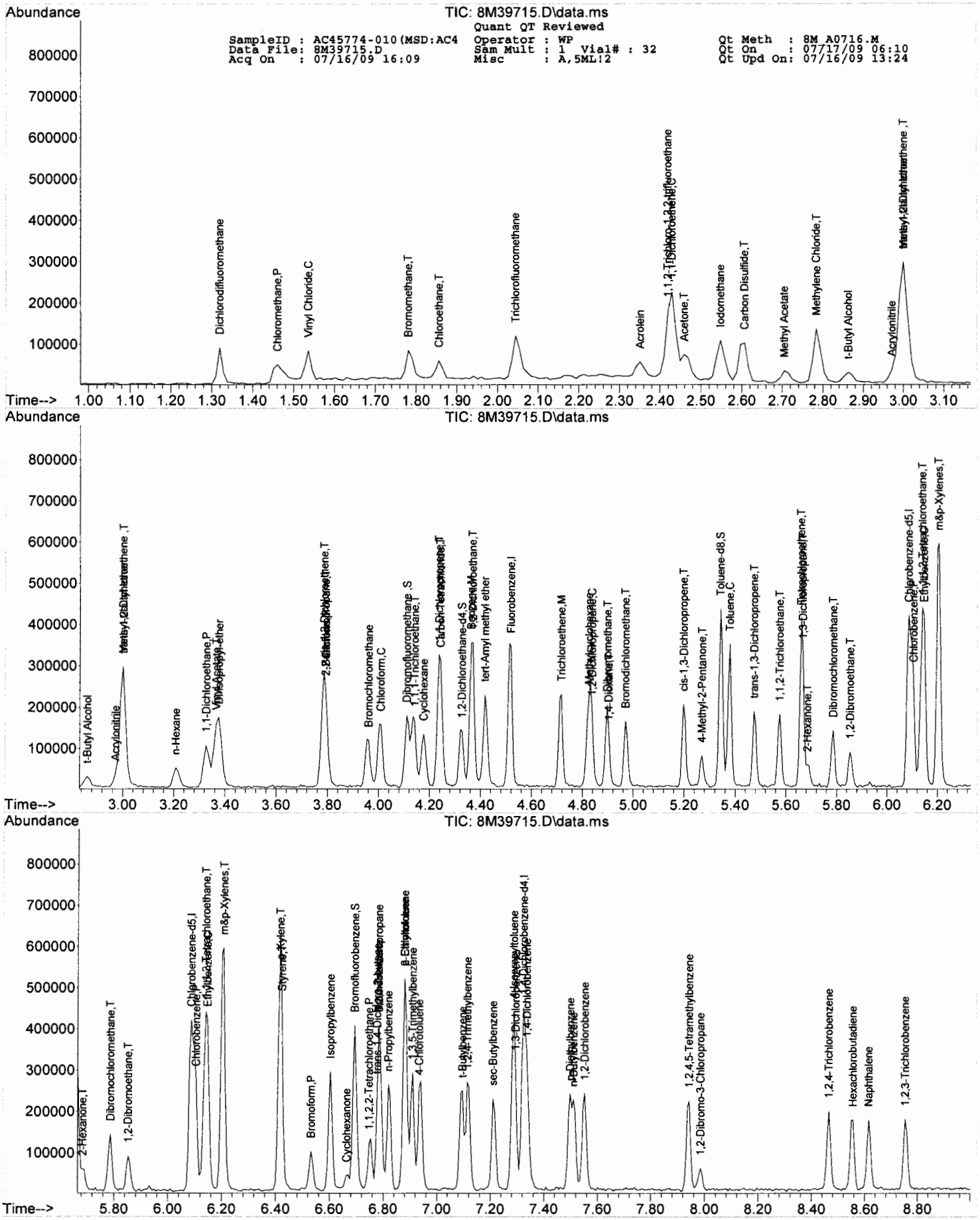
Quantitation Report (QT Reviewed)

SampleID : AC45774-010(MSD:AC4 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39715.D Sam Mult : 1 Vial# : 32 Qt On : 07/17/09 06:10
Acq On : 07/16/09 16:09 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
69)	1,3-Dichlorobenzene	7.294	146	61400	20.49 ug/l	96
70)	1,4-Dichlorobenzene	7.336	146	61561	18.14 ug/l	92
71)	1,2-Dichlorobenzene	7.553	146	59089	18.81 ug/l	94
72)	Isopropylbenzene	6.604	105	101430	18.93 ug/l	97
73)	Cyclohexanone	6.664	55	8390	160.77 ug/l	73
74)	1,2,3-Trichloropropane	6.784	75	42974	18.59 ug/l	98
75)	2-Chlorotoluene	6.880	91	91824	20.68 ug/l	94
76)	p-Ethyltoluene	6.880	105	91846	19.31 ug/l	94
77)	4-Chlorotoluene	6.934	91	78782	18.10 ug/l	89
78)	n-Propylbenzene	6.820	91	116753	20.11 ug/l	96
79)	Bromobenzene	6.784	77	71827	22.91 ug/l	90
80)	1,3,5-Trimethylbenzene	6.910	105	89919	20.58 ug/l	92
81)	t-Butylbenzene	7.096	119	76914	20.56 ug/l	82
82)	1,2,4-Trimethylbenzene	7.114	105	93572	20.91 ug/l	91
83)	sec-Butylbenzene	7.210	105	87235	20.29 ug/l	98
84)	4-Isopropyltoluene	7.288	119	74080	19.87 ug/l	93
85)	n-Butylbenzene	7.511	91	83826	19.02 ug/l	97
86)	p-Diethylbenzene	7.499	119	42256	18.65 ug/l	91
87)	1,2,4,5-Tetramethylben...	7.943	119	73648	20.13 ug/l	99
88)	1,2-Dibromo-3-Chloropr...	7.985	157	8026	17.86 ug/l	84
89)	Hexachlorobutadiene	8.556	225	25839	20.47 ug/l	99
90)	1,2,4-Trichlorobenzene	8.466	180	36618	18.23 ug/l	94
91)	1,2,3-Trichlorobenzene	8.754	180	36458	17.89 ug/l	93
92)	Naphthalene	8.616	128	80971	18.83 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39715.D\data.ms
Quant QT Reviewed
SampleID : AC45774-010(MSD:AC4
Data File: 8M39715.D
Acq On : 07/16/09 16:09
Operator : WP
Sam Mult : 1 Vial# : 32
Misc : A,5ML!2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->

Abundance
TIC: 8M39715.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->

Abundance
TIC: 8M39715.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-011
Client Id: 1-30-185-GP02 (30)
Data File: 2M43934.D
Analysis Date: 07/17/09 15:36
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.9**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 2.9

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

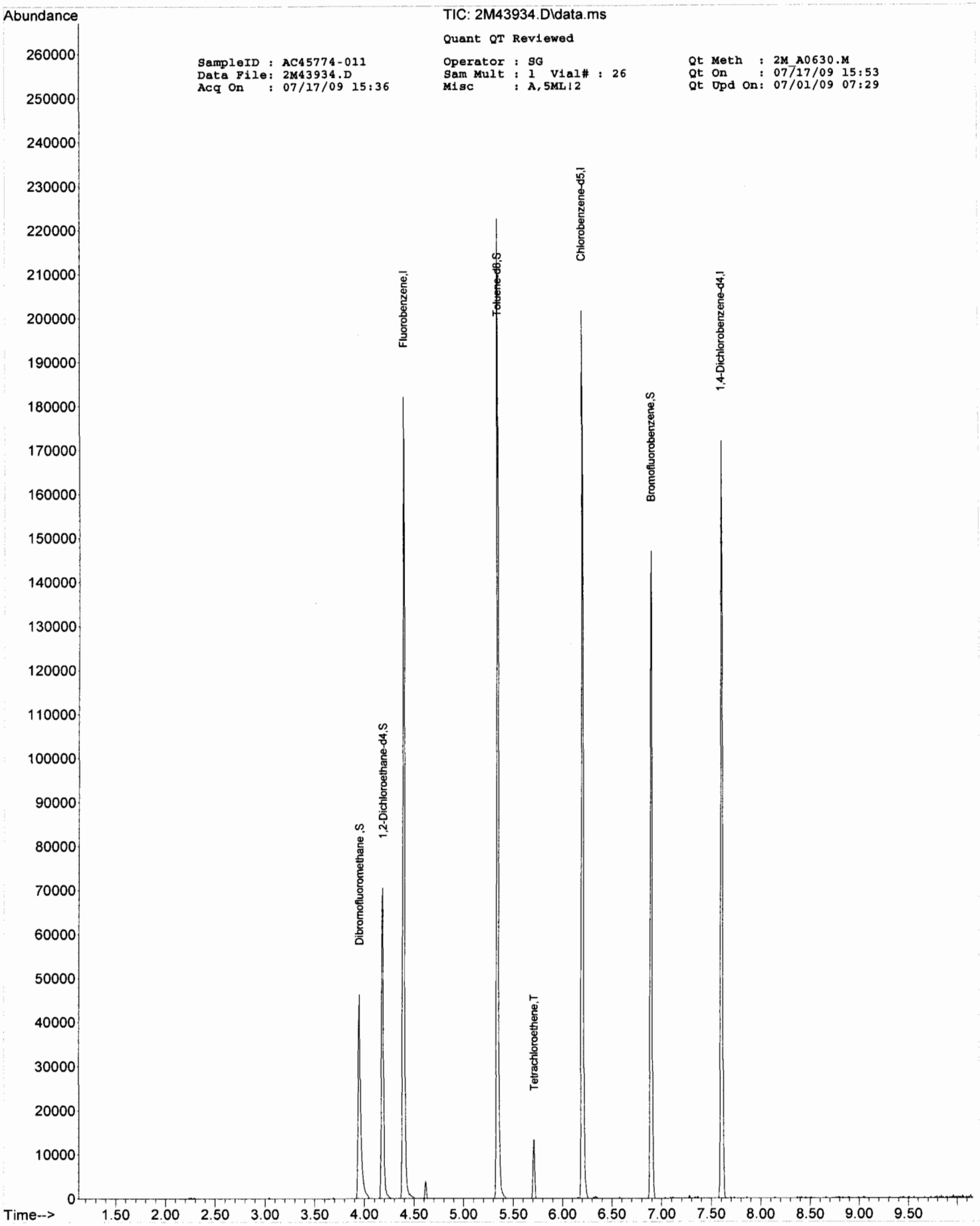
Quantitation Report (QT Reviewed)

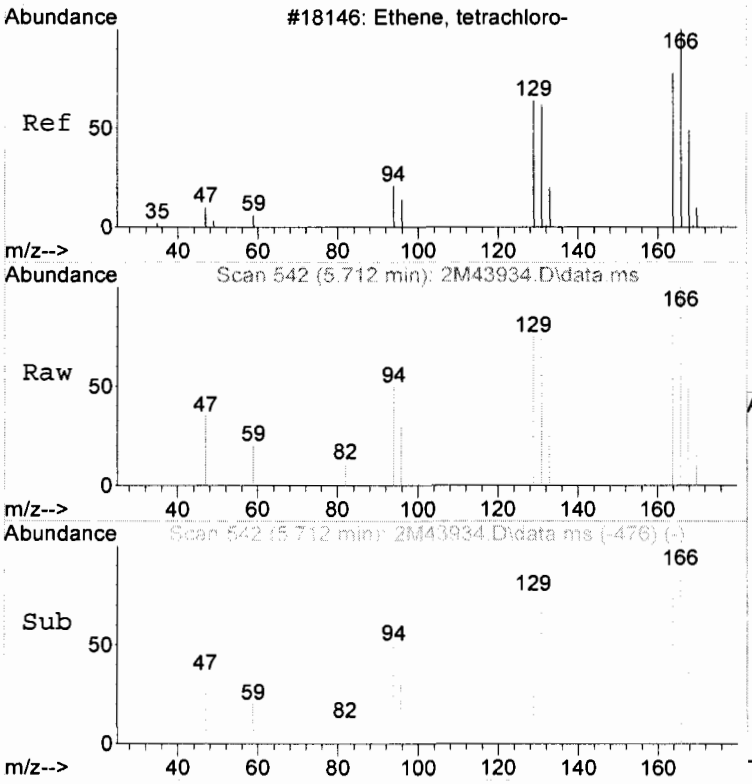
SampleID : AC45774-011 Operator : SG Qt Meth : 2M_A0630.M
Data File: 2M43934.D Sam Mult : 1 Vial# : 26 Qt On : 07/17/09 15:53
Acq On : 07/17/09 15:36 Misc : A,5ML!2 Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.394	96	99588	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.199	117	75577	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.607	152	35559	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.949	111	26919	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.53%			
32) 1,2-Dichloroethane-d4	4.184	102	6057	29.30	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.67%			
56) Toluene-d8	5.345	100	61821	27.93	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.10%			
64) Bromofluorobenzene	6.897	174	31300	29.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.37%			
Target Compounds						Qvalue
55) Tetrachloroethene	5.712	164	2225	2.86	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

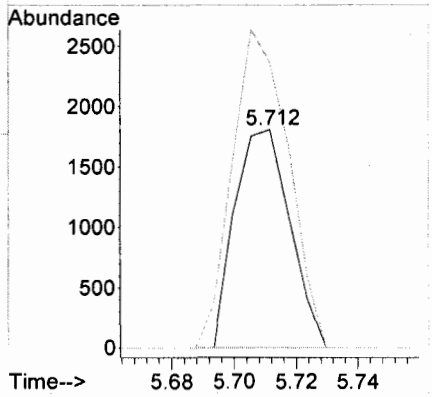

Abundance
TIC: 2M43934.D\data.ms
Quant QT Reviewed
SampleID : AC45774-011
Data File: 2M43934.D
Acq On : 07/17/09 15:36
Operator : SG
Sam Mult : 1 Vial# : 26
Misc : A,5ML;2
Qt Meth : 2M_A0630.M
Qt On : 07/17/09 15:53
Qt Upd On: 07/01/09 07:29
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#55
Tetrachloroethene
Concen: 2.86 ug/l
RT: 5.712 min Scan# 542
Delta R.T. -0.000 min
Lab File: 2M43934.D
Acq: 17 Jul 2009 15:36

Tgt Ion:164 Resp: 2225

Ion	Ratio	Lower	Upper
164	100		
166	130.7	56.4	196.4



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-012
Client Id: 1-30-185-GP03 (25)
Data File: 8M39717.D
Analysis Date: 07/16/09 16:41
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.9**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 2.9

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

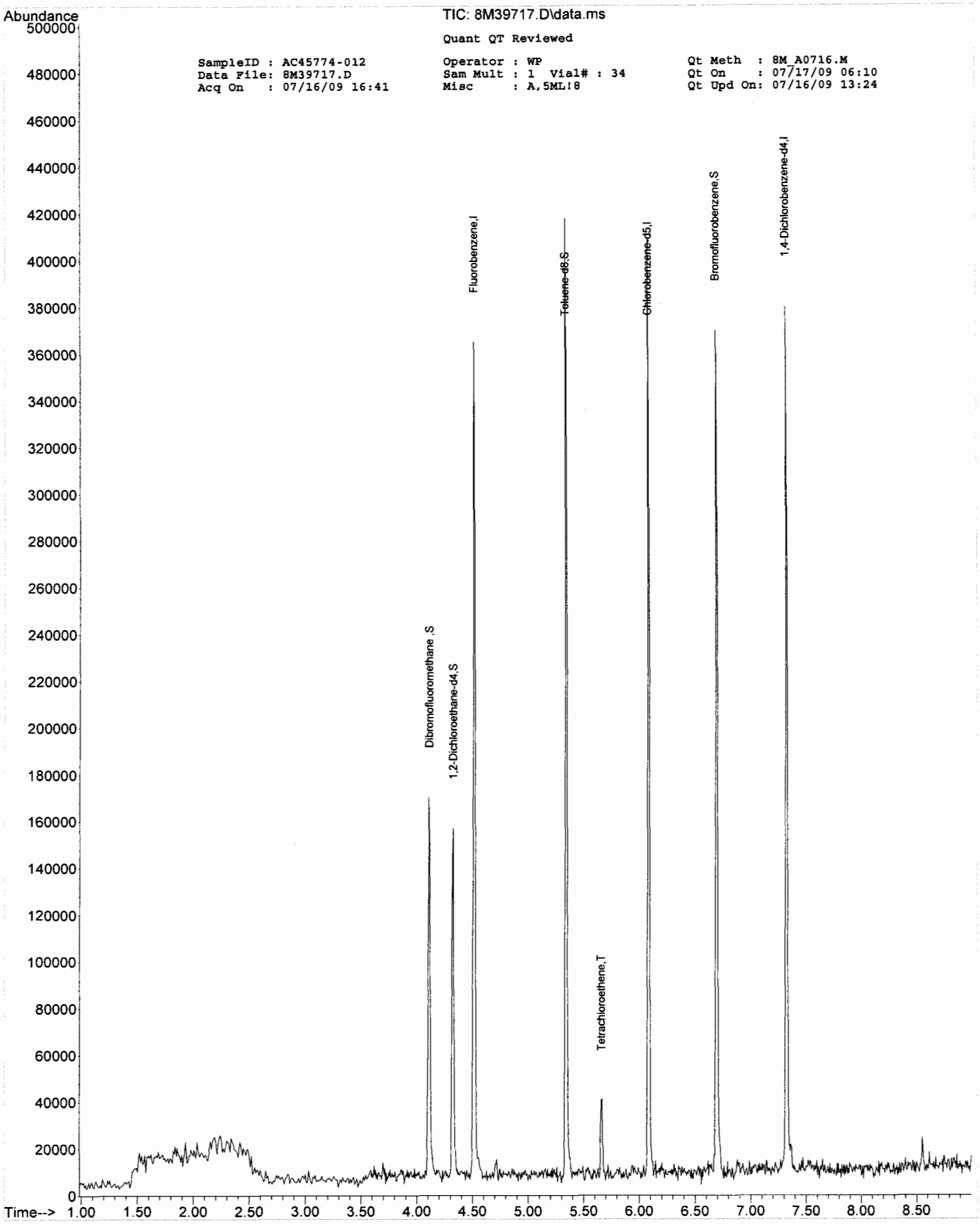
Quantitation Report (QT Reviewed)

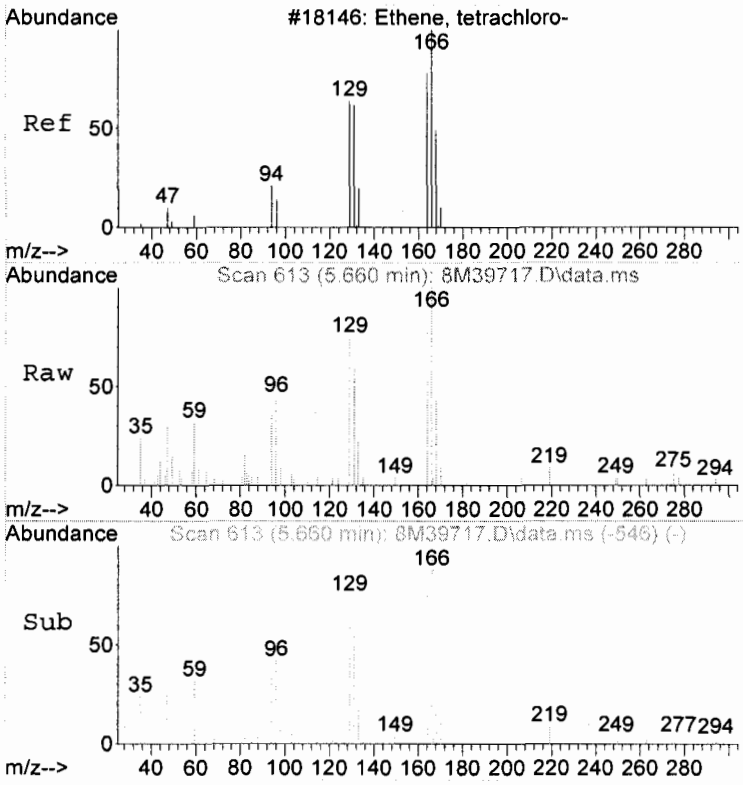
SampleID : AC45774-012 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39717.D Sam Mult : 1 Vial# : 34 Qt On : 07/17/09 06:10
Acq On : 07/16/09 16:41 Misc : A,5ML!8 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.518	96	164572	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	119452	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	62956	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	59362	31.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.40%			
32) 1,2-Dichloroethane-d4	4.326	102	10788	33.36	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.20%			
56) Toluene-d8	5.341	100	96657	30.13	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.43%			
64) Bromofluorobenzene	6.693	174	71353	30.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.00%			
Target Compounds						Qvalue
55) Tetrachloroethene	5.660	164	4555	2.93	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

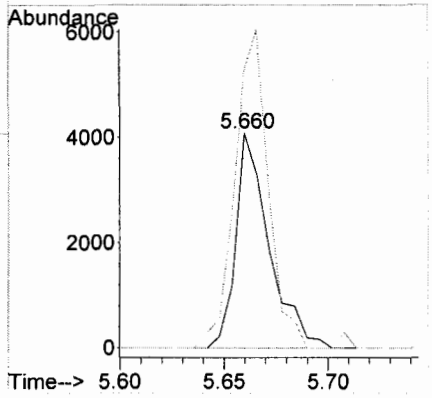

Abundance
TIC: 8M39717.D\data.ms
Quant QT Reviewed
SampleID : AC45774-012
Data File: 8M39717.D
Acq On : 07/16/09 16:41
Operator : WP
Sam Mult : 1 Vial# : 34
Misc : A,5ML!8
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#55
Tetrachloroethene
Concen: 2.93 ug/l
RT: 5.660 min Scan# 613
Delta R.T. 0.000 min
Lab File: 8M39717.D
Acq: 16 Jul 2009 16:41

Tgt Ion:164 Resp: 4555

Ion	Ratio	Lower	Upper
164	100		
166	128.6	56.4	196.4



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-013
Client Id: 1-30-185-GP04 (25)
Data File: 8M39718.D
Analysis Date: 07/16/09 16:58
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**1.4**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 1.4

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

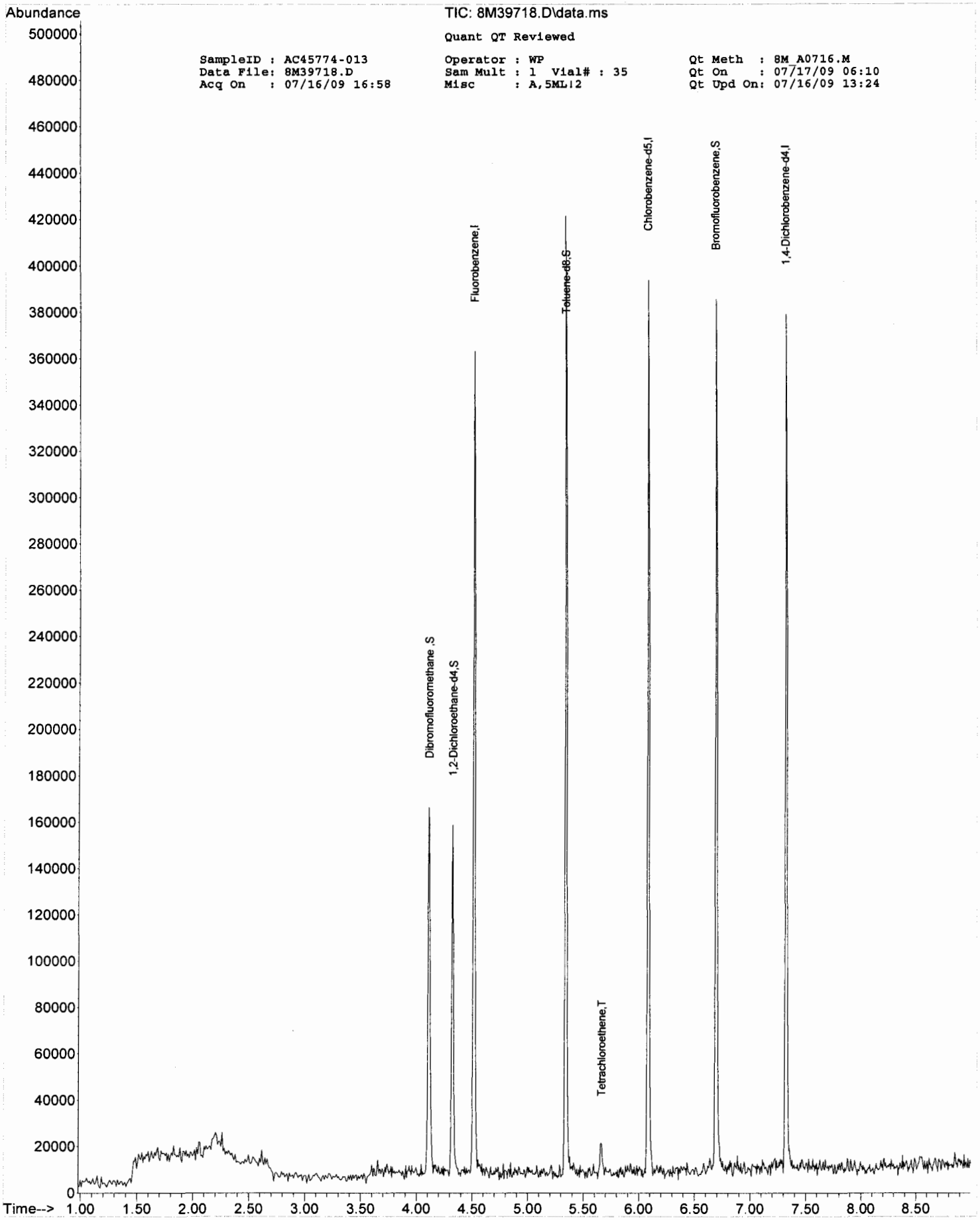
Quantitation Report (QT Reviewed)

SampleID : AC45774-013 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39718.D Sam Mult : 1 Vial# : 35 Qt On : 07/17/09 06:10
Acq On : 07/16/09 16:58 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.518	96	166404	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	115887	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	60382	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	61225	31.64	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.47%			
32) 1,2-Dichloroethane-d4	4.326	102	11202	34.26	ug/l	0.00
Spiked Amount 30.000			Recovery = 114.20%			
56) Toluene-d8	5.341	100	96153	30.90	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.00%			
64) Bromofluorobenzene	6.692	174	70923	32.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.73%			
Target Compounds						Qvalue
55) Tetrachloroethene	5.665	164	2144	1.42	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed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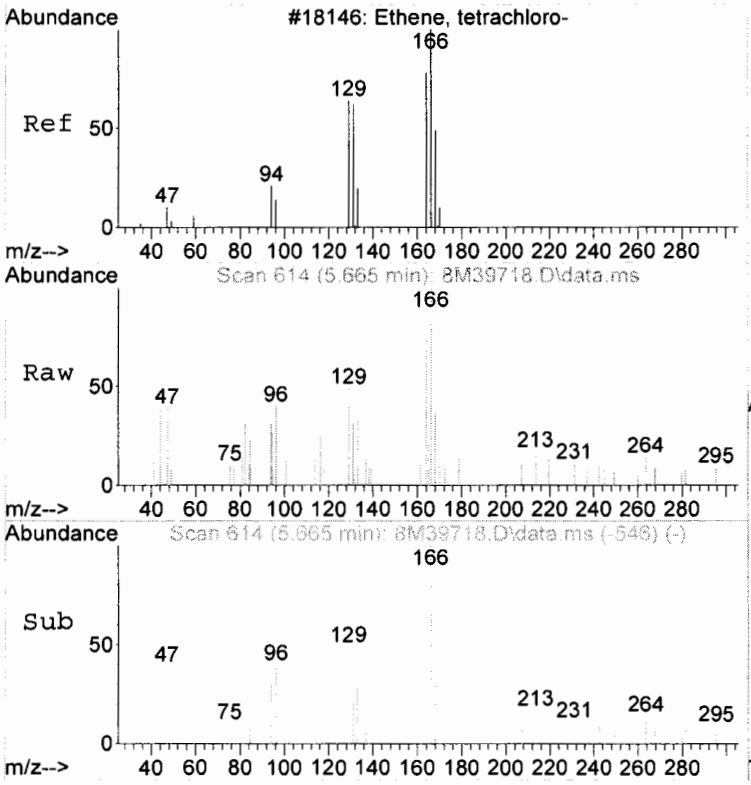
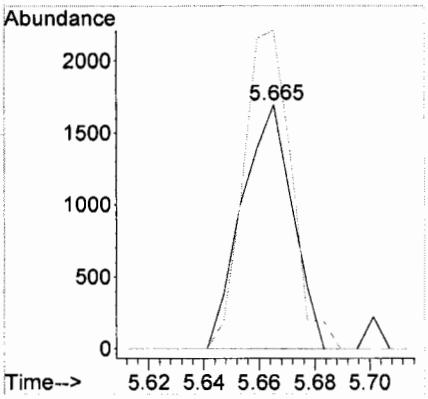
Quant QT Reviewed
SampleID : AC45774-013
Data File: 8M39718.D
Acq On : 07/16/09 16:58
Operator : WP
Sam Mult : 1 Vial# : 35
Misc : A,5ML;2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#55
Tetrachloroethene
Concen: 1.42 ug/l
RT: 5.665 min Scan# 614
Delta R.T. 0.006 min
Lab File: 8M39718.D
Acq: 16 Jul 2009 16:58

Tgt Ion:164 Resp: 2144

Ion	Ratio	Lower	Upper
164	100		
166	130.5	56.4	196.4



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-014
Client Id: 1-30-185-GP05 (25)
Data File: 8M39724.D
Analysis Date: 07/16/09 18:35
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

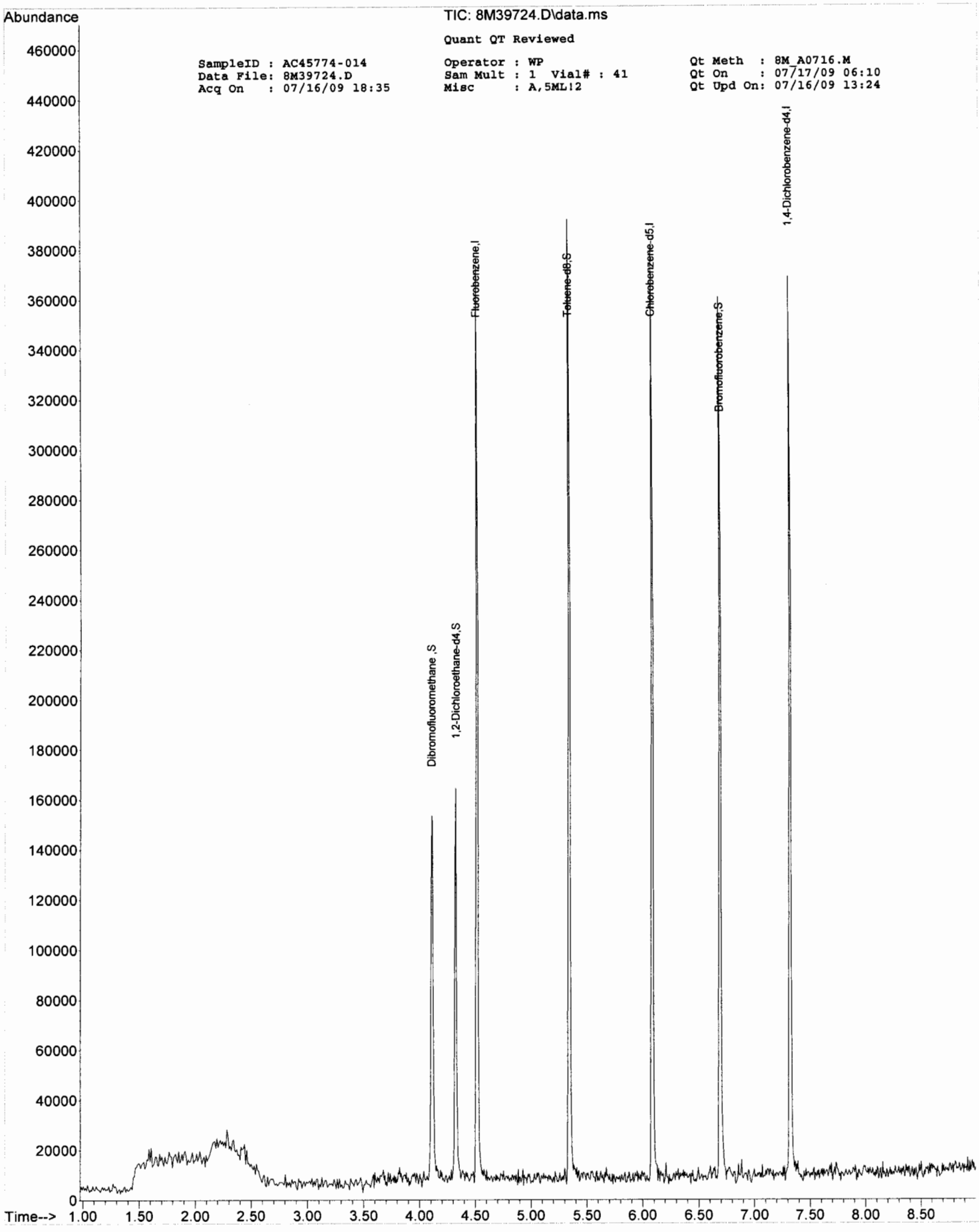
Quantitation Report (QT Reviewed)

SampleID : AC45774-014 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39724.D Sam Mult : 1 Vial# : 41 Qt On : 07/17/09 06:10
Acq On : 07/16/09 18:35 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.519	96	161337	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	115852	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	60799	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	57445	30.62	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.07%			
32) 1,2-Dichloroethane-d4	4.326	102	9800	30.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.03%			
56) Toluene-d8	5.341	100	89745	28.85	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.17%			
64) Bromofluorobenzene	6.699	174	67150	30.11	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.37%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39724.D\data.ms
Quant QT Reviewed
SampleID : AC45774-014
Data File: 8M39724.D
Acq On : 07/16/09 18:35
Operator : WP
Sam Mult : 1 Vial# : 41
Misc : A,5ML;2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-015
Client Id: 1-30-185-SB-DUP01
Data File: 1M47057.D
Analysis Date: 07/16/09 13:54
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.08g
Final Vol: NA
Dilution: 0.984
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0052	U	75-15-0	Carbon Disulfide	0.0052	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0052	U	56-23-5	Carbon Tetrachloride	0.0052	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0052	U	108-90-7	Chlorobenzene	0.0052	U
79-00-5	1,1,2-Trichloroethane	0.0052	U	75-00-3	Chloroethane	0.0052	U
75-34-3	1,1-Dichloroethane	0.0052	U	67-66-3	Chloroform	0.0052	U
75-35-4	1,1-Dichloroethene	0.0052	U	74-87-3	Chloromethane	0.0052	U
87-61-6	1,2,3-Trichlorobenzene	0.0052	U	156-59-2	cis-1,2-Dichloroethene	0.0052	U
96-18-4	1,2,3-Trichloropropane	0.0052	U	10061-01-5	cis-1,3-Dichloropropene	0.0052	U
120-82-1	1,2,4-Trichlorobenzene	0.0052	U	110-82-7	Cyclohexane	0.0052	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0052	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0052	U	75-71-8	Dichlorodifluoromethane	0.0052	U
106-93-4	1,2-Dibromoethane	0.0052	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0052	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0052	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0052	U	79-20-9	Methyl Acetate	0.0052	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0052	U
541-73-1	1,3-Dichlorobenzene	0.0052	U	75-09-2	Methylene Chloride	0.0052	U
142-28-9	1,3-Dichloropropane	0.0052	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0052	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.26	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0052	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0052	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0052	U	100-42-5	Styrene	0.0052	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.026	U
108-10-1	4-Methyl-2-Pentanone	0.0052	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.026	U	127-18-4	Tetrachloroethene	0.0052	U
107-02-8	Acrolein	0.026	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0052	U	156-60-5	trans-1,2-Dichloroethene	0.0052	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0052	U
74-97-5	Bromochloromethane	0.0052	U	79-01-6	Trichloroethene	0.0052	U
75-27-4	Bromodichloromethane	0.0052	U	75-69-4	Trichlorofluoromethane	0.0052	U
75-25-2	Bromoform	0.0052	U	75-01-4	Vinyl Chloride	0.0052	U
74-83-9	Bromomethane	0.0052	U	1330-20-7	Xylenes (Total)	0.001	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

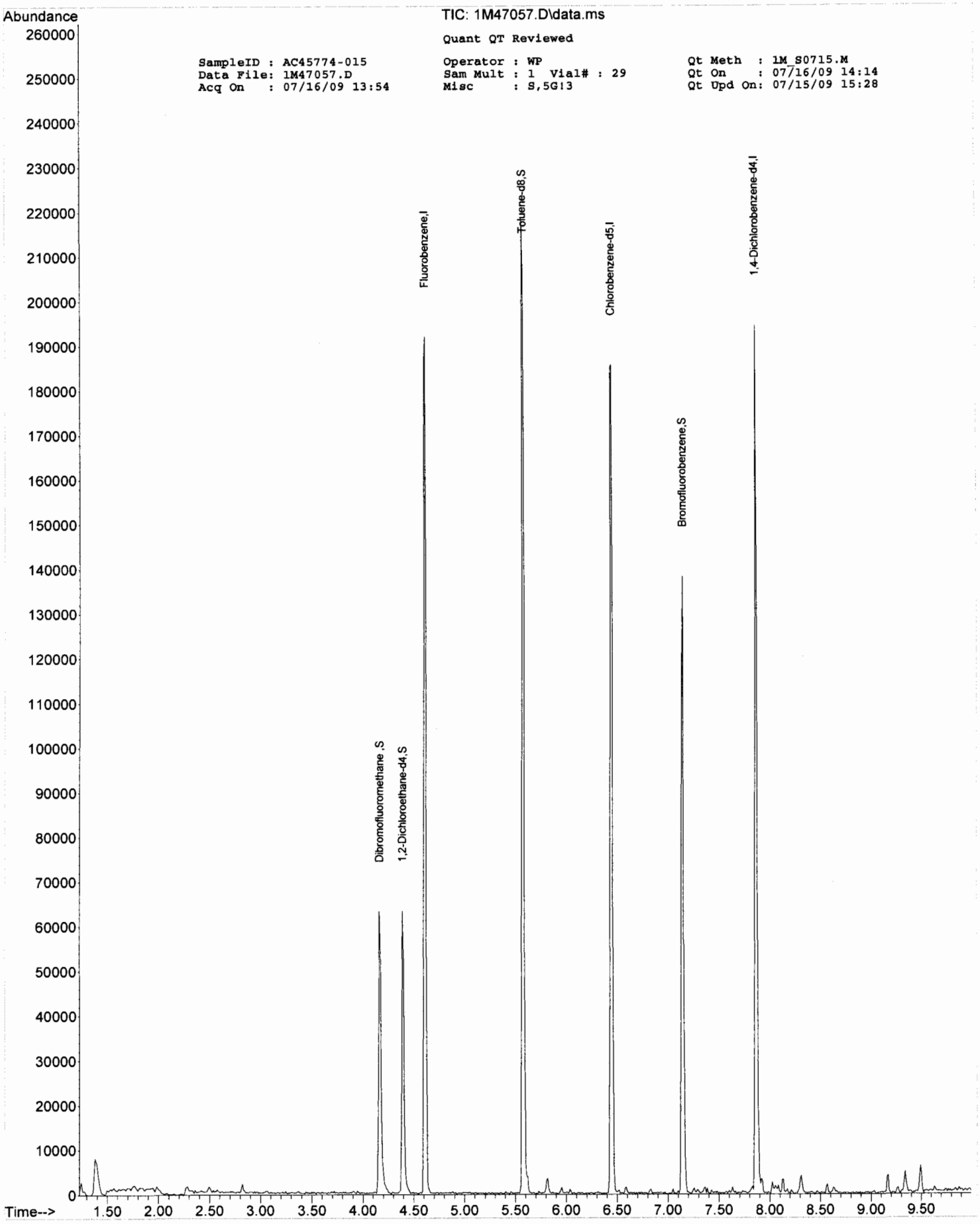
Quantitation Report (QT Reviewed)

SampleID : AC45774-015 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47057.D Sam Mult : 1 Vial# : 29 Qt On : 07/16/09 14:14
Acq On : 07/16/09 13:54 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.615	96	106309	30.00	ug/l	0.02
45) Chlorobenzene-d5	6.449	117	78753	30.00	ug/l	0.02
60) 1,4-Dichlorobenzene-d4	7.868	152	38522	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.162	111	32363	31.80	ug/l	0.01
Spiked Amount 30.000			Recovery = 106.00%			
32) 1,2-Dichloroethane-d4	4.389	102	5264	29.47	ug/l	0.01
Spiked Amount 30.000			Recovery = 98.23%			
56) Toluene-d8	5.581	100	65181	27.64	ug/l	0.02
Spiked Amount 30.000			Recovery = 92.13%			
64) Bromofluorobenzene	7.148	174	29992	28.83	ug/l	0.01
Spiked Amount 30.000			Recovery = 96.10%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47057.D\data.ms
Quant QT Reviewed
SampleID : AC45774-015
Data File: 1M47057.D
Acq On : 07/16/09 13:54
Operator : WP
Sam Mult : 1 Vial# : 29
Misc : S,5G!3
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 14:14
Qt Upd On: 07/15/09 15:28
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-016
Client Id: 1-30-185-GP-DUP01
Data File: 8M39719.D
Analysis Date: 07/16/09 17:14
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**3.4**
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.1**
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 4.5

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

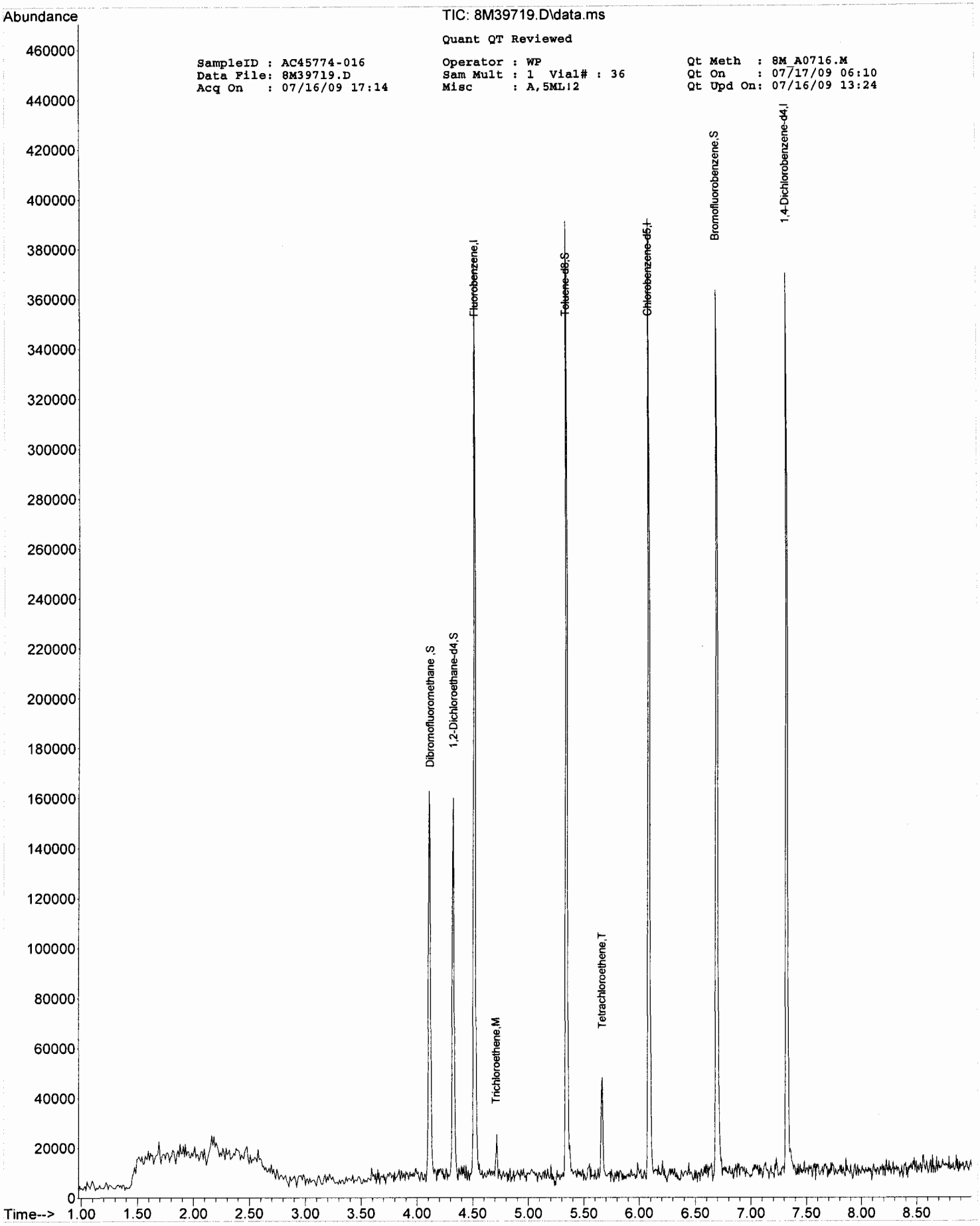
Quantitation Report (QT Reviewed)

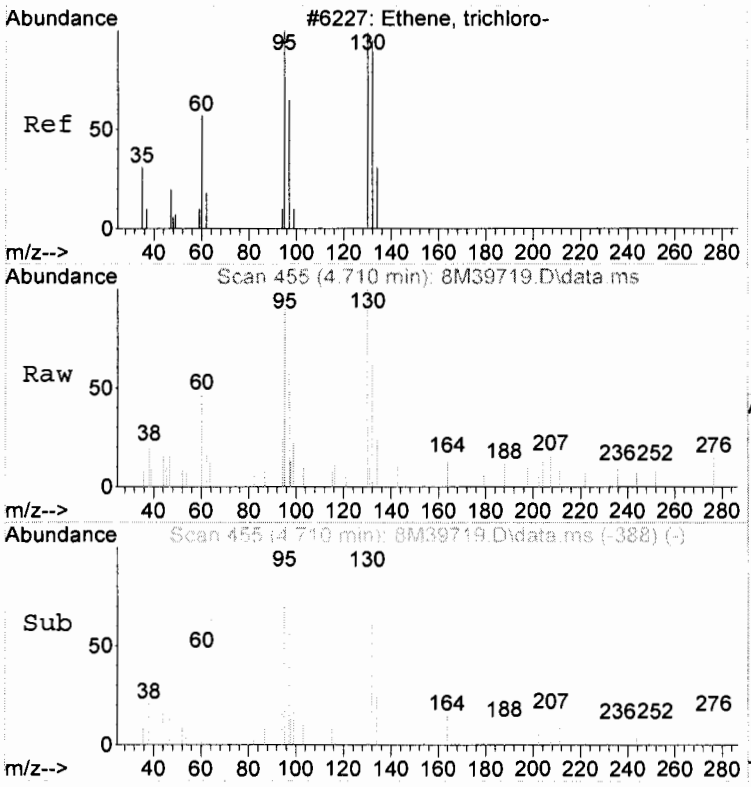
SampleID : AC45774-016 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39719.D Sam Mult : 1 Vial# : 36 Qt On : 07/17/09 06:10
Acq On : 07/16/09 17:14 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.518	96	167069	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	117112	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	61082	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.116	111	57478	29.59	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.63%			
32) 1,2-Dichloroethane-d4	4.326	102	10094	30.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.50%			
56) Toluene-d8	5.341	100	92566	29.43	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.10%			
64) Bromofluorobenzene	6.693	174	68340	30.50	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.67%			
Target Compounds						Qvalue
42) Trichloroethene	4.710	130	2244	1.14	ug/l	71
55) Tetrachloroethene	5.665	164	5193	3.40	ug/l	66

(#) = qualifier out of range (m) = manual integration (+) = signals summed

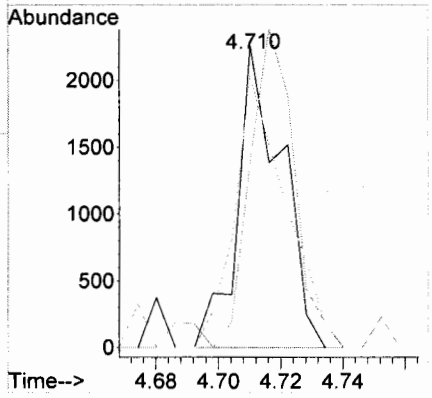

Abundance
TIC: 8M39719.D\data.ms
Quant QT Reviewed
SampleID : AC45774-016
Data File: 8M39719.D
Acq On : 07/16/09 17:14
Operator : WP
Sam Mult : 1 Vial# : 36
Misc : A,5ML;2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

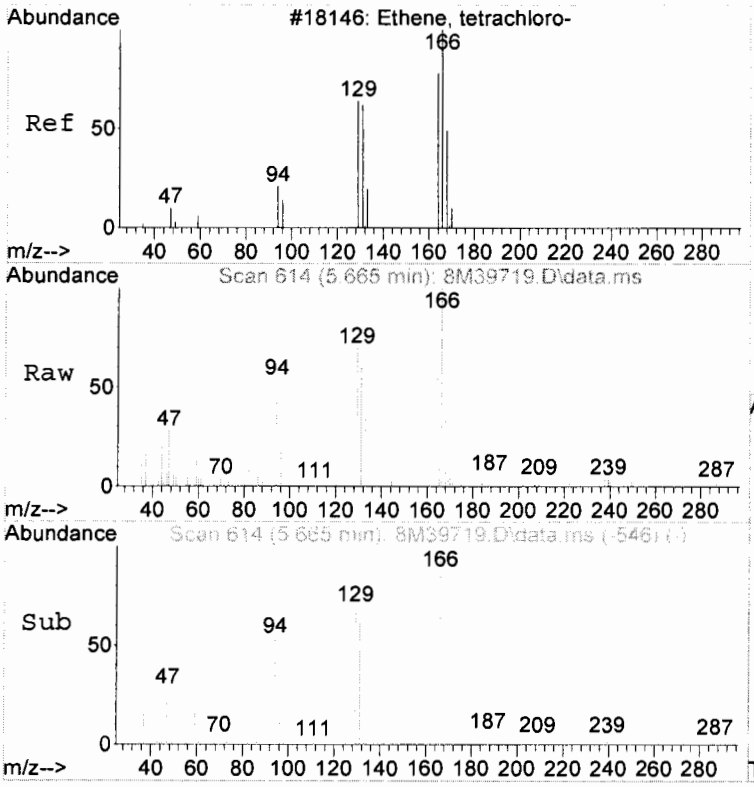


#42
Trichloroethene
Concen: 1.14 ug/l
RT: 4.710 min Scan# 455
Delta R.T. -0.000 min
Lab File: 8M39719.D
Acq: 16 Jul 2009 17:14

Tgt Ion:130 Resp: 2244

Ion	Ratio	Lower	Upper
130	100		
132	62.3	57.4	137.4
95	89.7	75.0	155.0

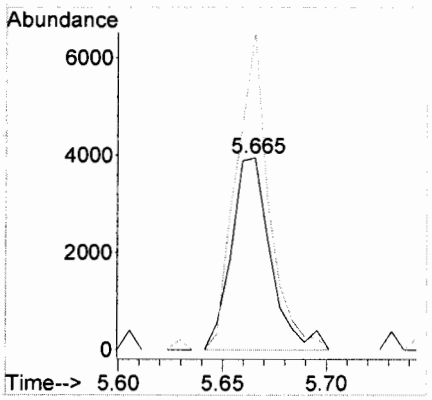




#55
Tetrachloroethene
Concen: 3.40 ug/l
RT: 5.665 min Scan# 614
Delta R.T. 0.006 min
Lab File: 8M39719.D
Acq: 16 Jul 2009 17:14

Tgt Ion:164 Resp: 5193

Ion	Ratio	Lower	Upper
164	100		
166	165.4	56.4	196.4



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-017
Client Id: 1-30-185-Rinsate 01
Data File: 8M39720.D
Analysis Date: 07/16/09 17:30
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

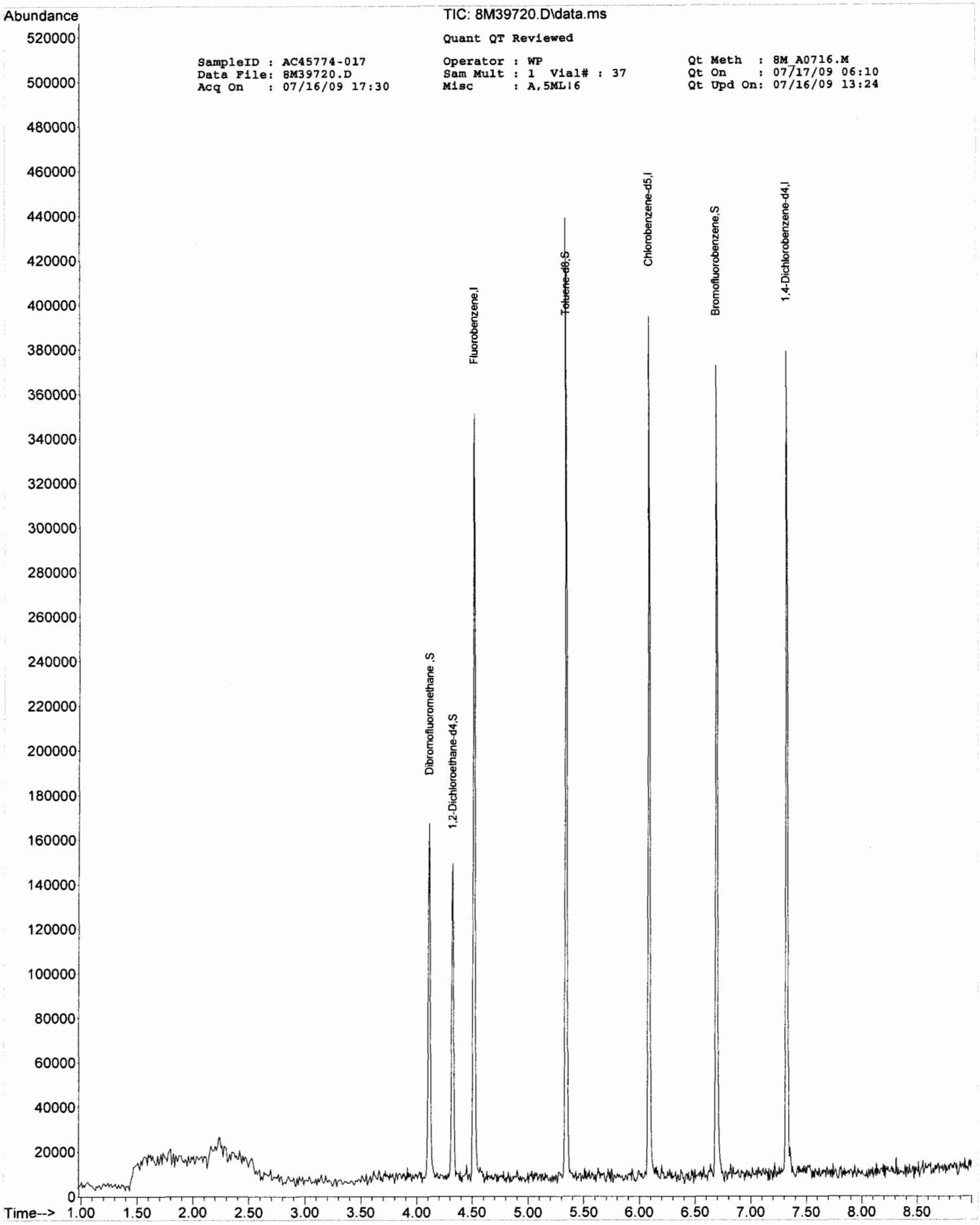
Quantitation Report (QT Reviewed)

SampleID : AC45774-017 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39720.D Sam Mult : 1 Vial# : 37 Qt On : 07/17/09 06:10
Acq On : 07/16/09 17:30 Misc : A,5ML!6 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.520	96	162091	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.088	117	115010	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.325	152	60898	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	58266	30.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.03%			
32) 1,2-Dichloroethane-d4	4.321	102	9747	30.60	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.00%			
56) Toluene-d8	5.343	100	91961	29.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.27%			
64) Bromofluorobenzene	6.694	174	62927	28.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.90%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39720.D\data.ms
Quant QT Reviewed
SampleID : AC45774-017
Data File: 8M39720.D
Acq On : 07/16/09 17:30
Operator : WP
Sam Mult : 1 Vial# : 37
Misc : A,5ML;16
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-018
Client Id: 1-30-185-GP05 (100)
Data File: 8M39721.D
Analysis Date: 07/16/09 17:46
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

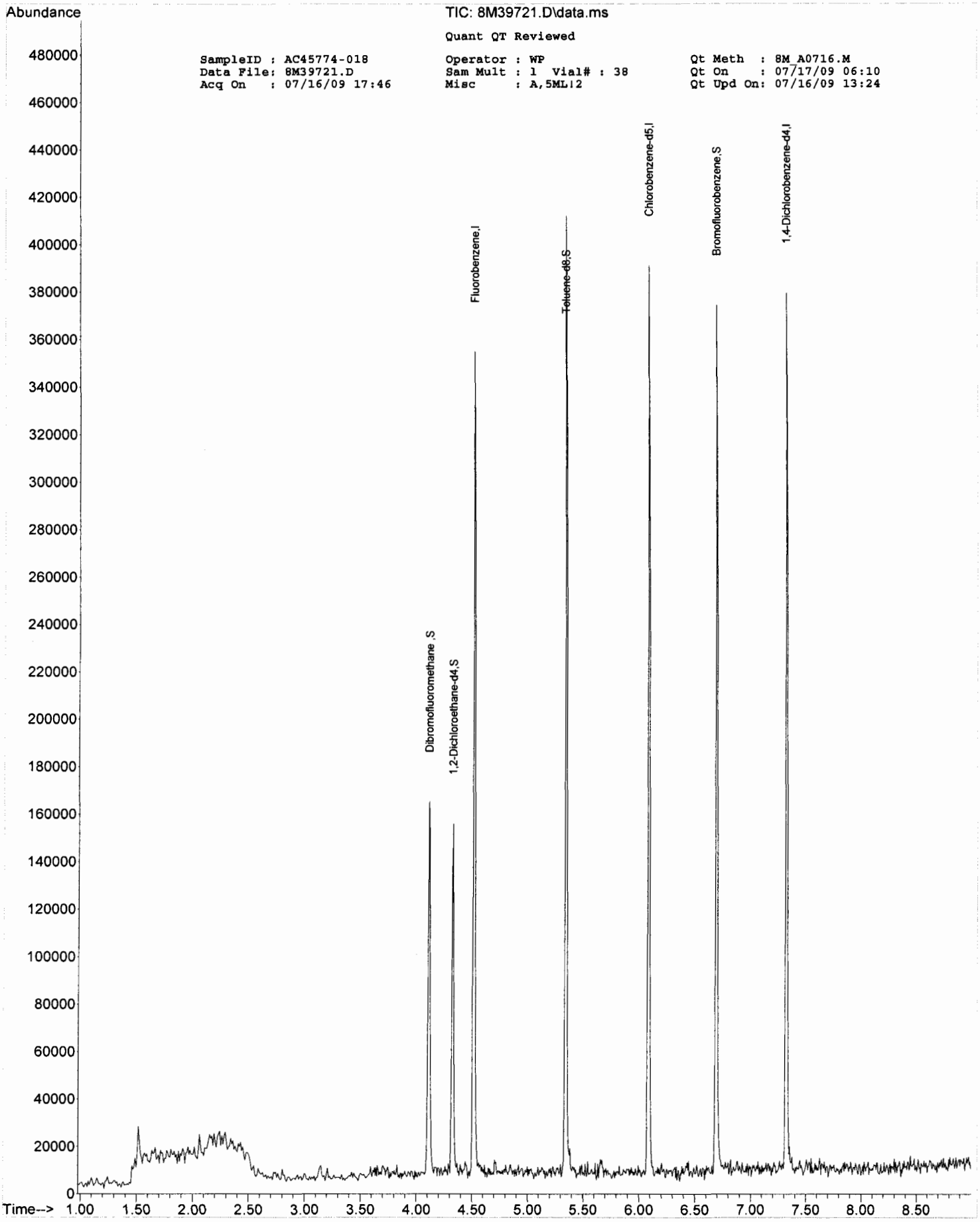
Quantitation Report (QT Reviewed)

SampleID : AC45774-018 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39721.D Sam Mult : 1 Vial# : 38 Qt On : 07/17/09 06:10
Acq On : 07/16/09 17:46 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.519	96	160854	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	114275	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	62673	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	55694	29.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.23%			
32) 1,2-Dichloroethane-d4	4.326	102	9214	29.15	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.17%			
56) Toluene-d8	5.342	100	89715	29.24	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.47%			
64) Bromofluorobenzene	6.693	174	68627	29.85	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.50%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39721.D\data.ms
Quant QT Reviewed
SampleID : AC45774-018
Data File: 8M39721.D
Acq On : 07/16/09 17:46
Operator : WP
Sam Mult : 1 Vial# : 38
Misc : A,5ML,2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-019
Client Id: 1-30-185-GP05 (85)
Data File: 8M39722.D
Analysis Date: 07/16/09 18:03
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

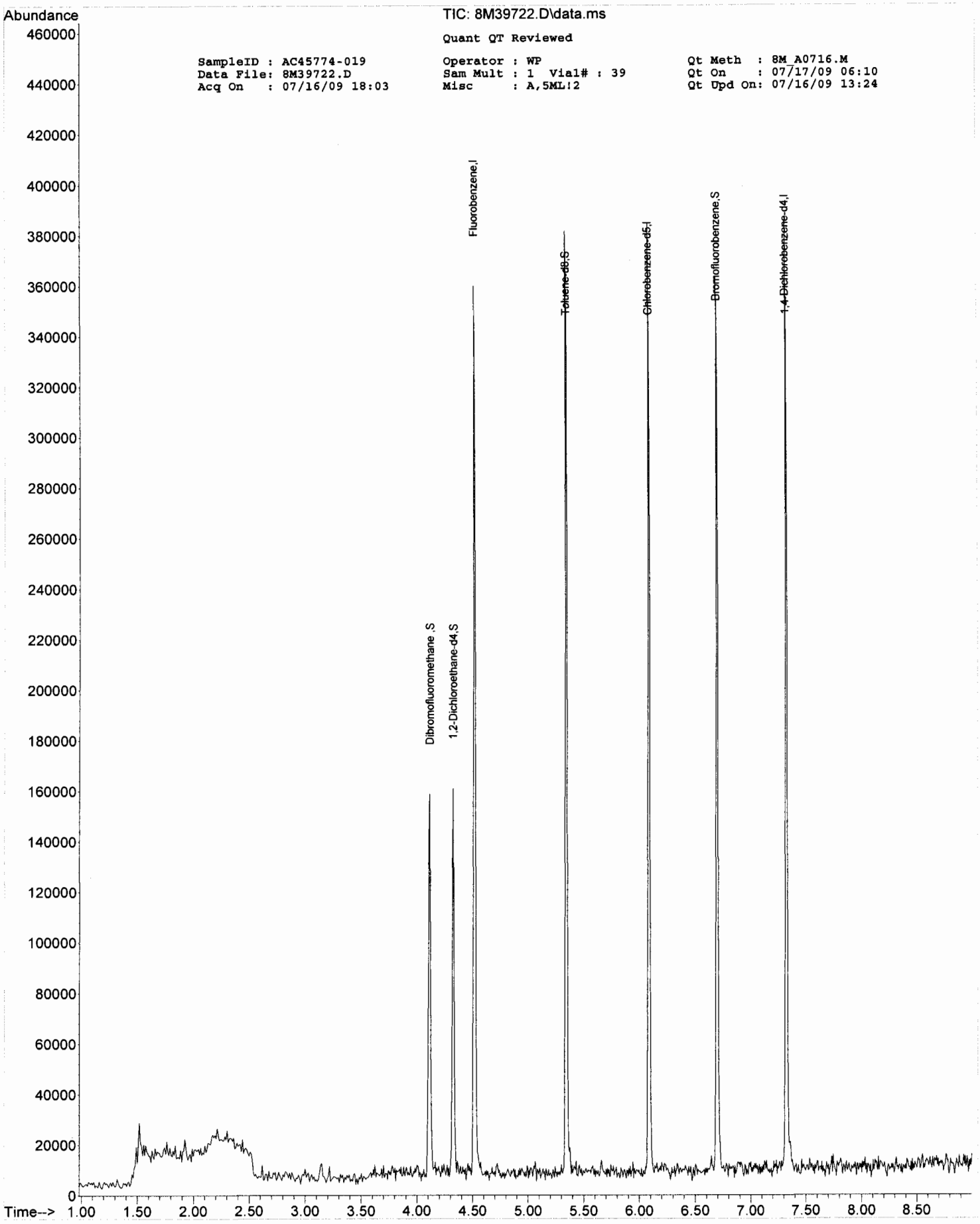
SampleID : AC45774-019 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39722.D Sam Mult : 1 Vial# : 39 Qt On : 07/17/09 06:10
Acq On : 07/16/09 18:03 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.518	96	159767	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	117515	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	62792	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.115	111	55588	29.92	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.73%			
32) 1,2-Dichloroethane-d4	4.326	102	10577	33.69	ug/l	0.00
Spiked Amount 30.000			Recovery = 112.30%			
56) Toluene-d8	5.347	100	88288	27.98	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.27%			
64) Bromofluorobenzene	6.698	174	66360	28.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.03%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39722.D\data.ms
Quant QT Reviewed
SampleID : AC45774-019
Data File: 8M39722.D
Acq On : 07/16/09 18:03
Operator : WP
Sam Mult : 1 Vial# : 39
Misc : A,5ML:2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
460000
440000
420000
400000
380000
360000
340000
320000
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Time-->
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00
8.50

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-020
Client Id: 1-30-185-GP05 (70)
Data File: 8M39723.D
Analysis Date: 07/16/09 18:19
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**26**	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 26

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

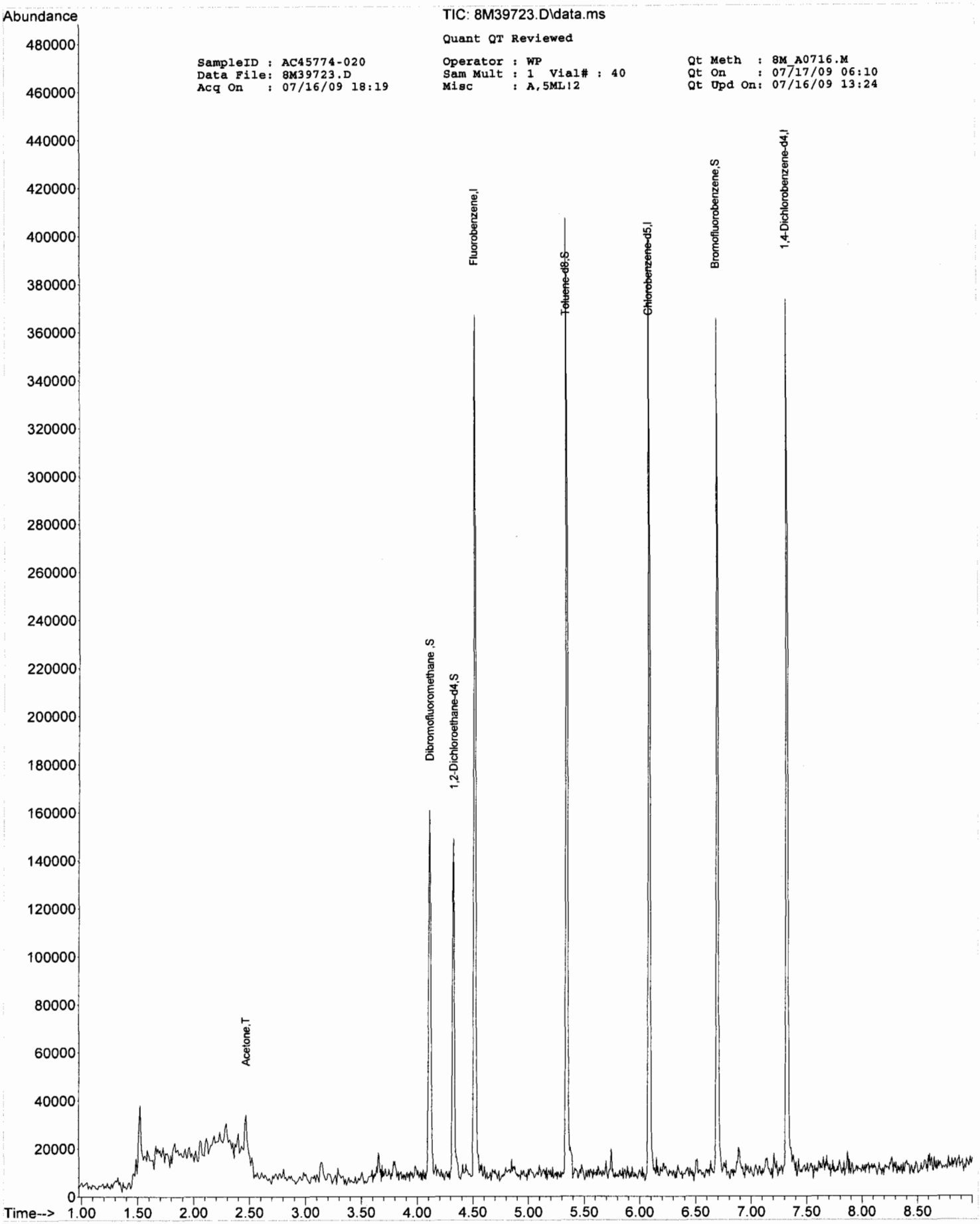
Quantitation Report (QT Reviewed)

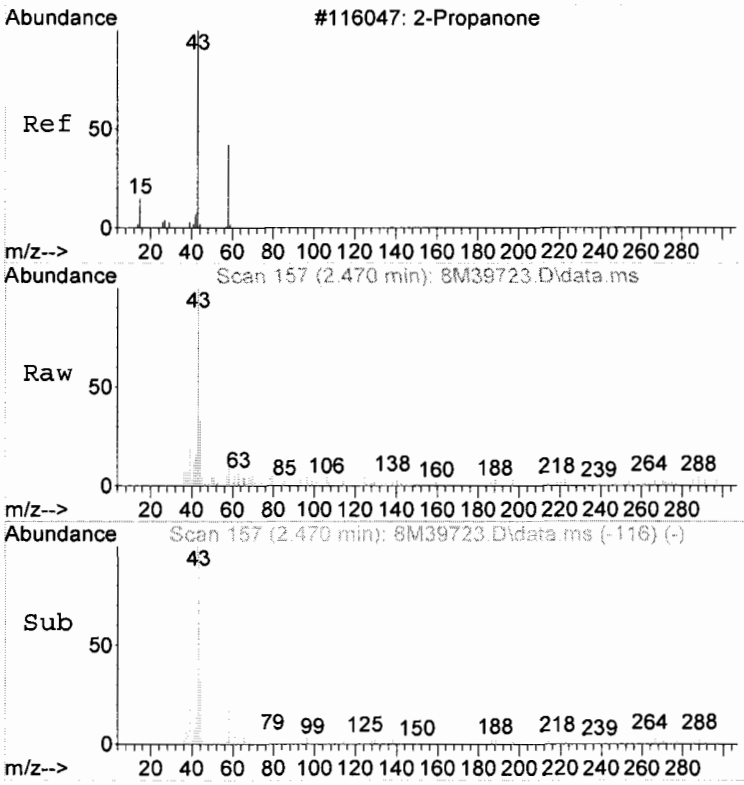
SampleID : AC45774-020 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39723.D Sam Mult : 1 Vial# : 40 Qt On : 07/17/09 06:10
Acq On : 07/16/09 18:19 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.519	96	162342	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.087	117	116764	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	62577	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	57604	30.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.70%			
32) 1,2-Dichloroethane-d4	4.327	102	10257	32.16	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.20%			
56) Toluene-d8	5.342	100	92812	29.60	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.67%			
64) Bromofluorobenzene	6.694	174	65495	28.53	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.10%			
Target Compounds						Qvalue
14) Acetone	2.470	43	13899	26.43	ug/l	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

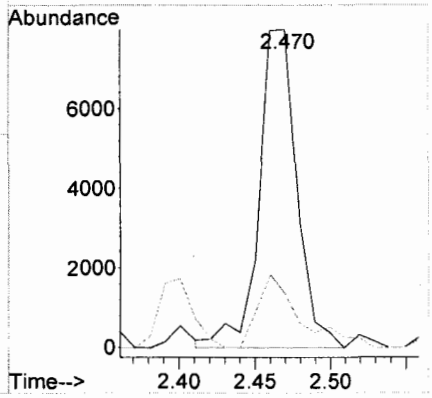

Abundance
TIC: 8M39723.D\data.ms
Quant QT Reviewed
SampleID : AC45774-020
Data File: 8M39723.D
Acq On : 07/16/09 18:19
Operator : WP
Sam Mult : 1 Vial# : 40
Misc : A,5ML!2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
480000
460000
440000
420000
400000
380000
360000
340000
320000
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Acetone,T
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00
8.50



#14
Acetone
Concen: 26.43 ug/l
RT: 2.470 min Scan# 157
Delta R.T. 0.011 min
Lab File: 8M39723.D
Acq: 16 Jul 2009 18:19

Tgt Ion: 43 Resp: 13899

Ion	Ratio	Lower	Upper
43	100		
58	13.5	0.0	64.8



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-021
Client Id: 1-30-185-GP05 (55)
Data File: 8M39954.D
Analysis Date: 07/22/09 12:10
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**26**	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 26

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

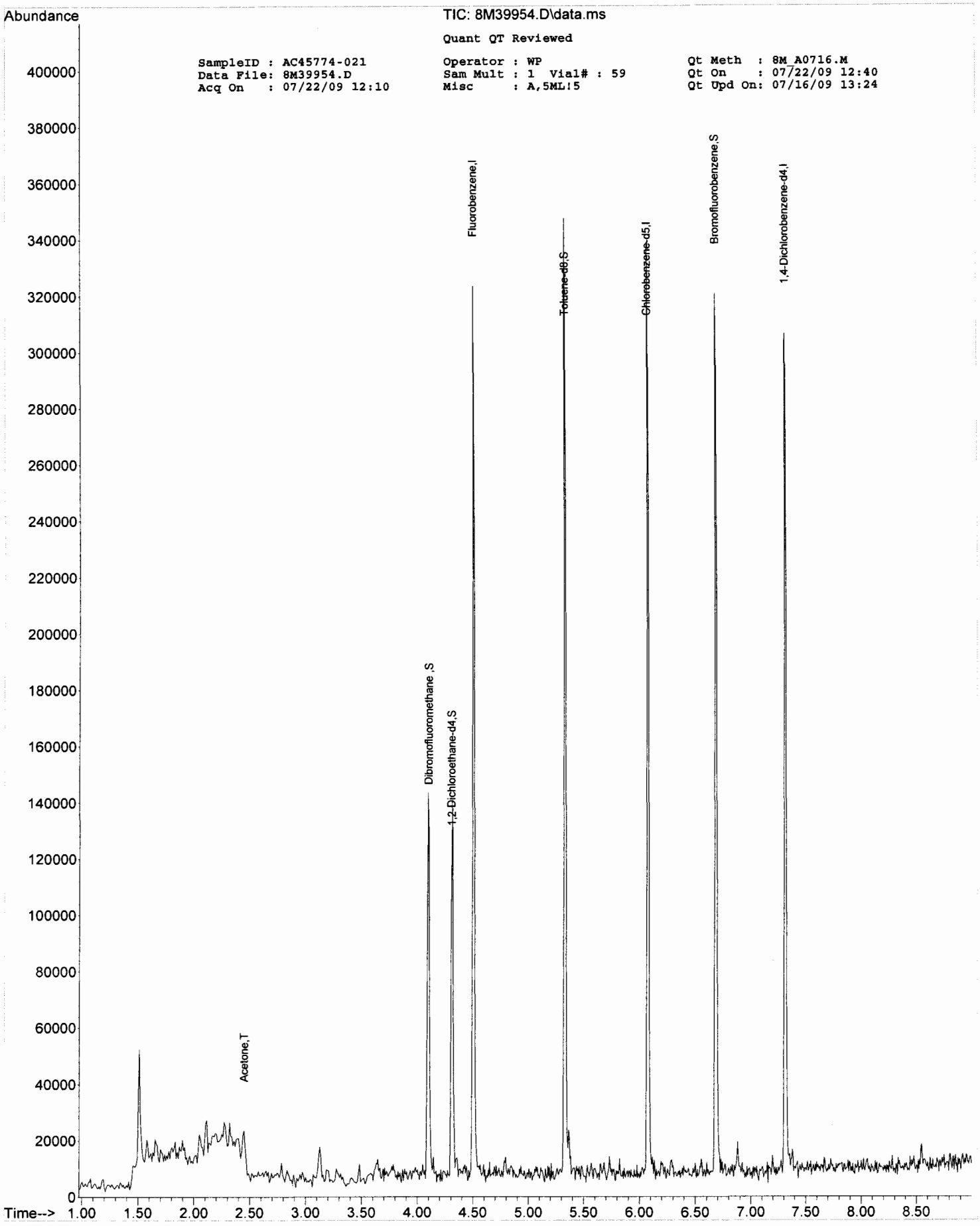
Quantitation Report (QT Reviewed)

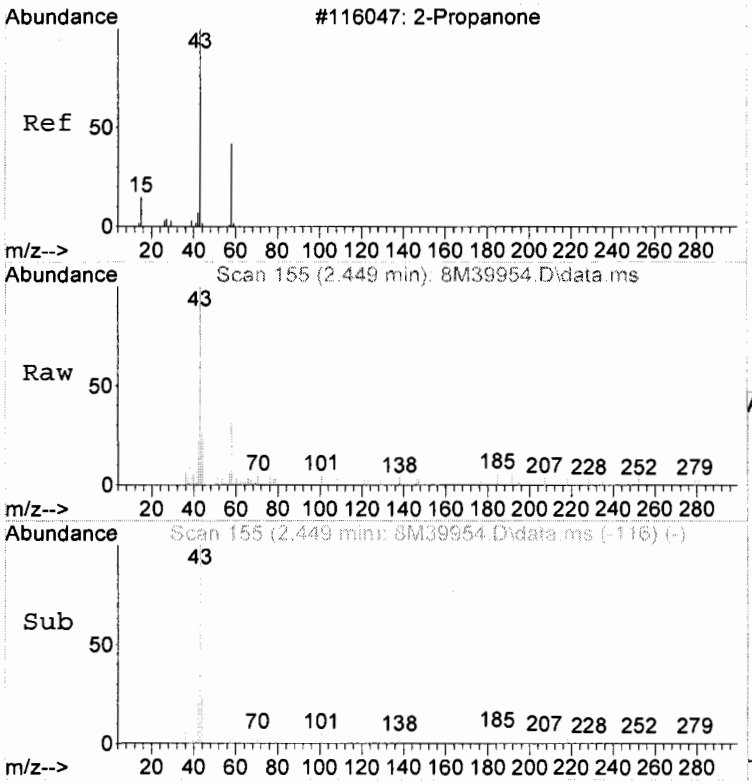
SampleID : AC45774-021 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39954.D Sam Mult : 1 Vial# : 59 Qt On : 07/22/09 12:40
Acq On : 07/22/09 12:10 Misc : A,5ML!5 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.506	96	136439	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.074	117	99202	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.317	152	51704	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.103	111	49883	31.44	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.80%			
32) 1,2-Dichloroethane-d4	4.308	102	7666	28.59	ug/l	-0.01
Spiked Amount 30.000			Recovery = 95.30%			
56) Toluene-d8	5.335	100	77083	28.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.47%			
64) Bromofluorobenzene	6.686	174	59432	31.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.43%			
Target Compounds						Qvalue
14) Acetone	2.449	43	11543	26.12	ug/l	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

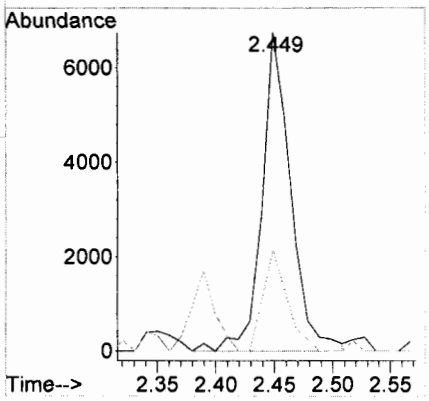

Abundance
TIC: 8M39954.D\data.ms
Quant QT Reviewed
SampleID : AC45774-021
Data File: 8M39954.D
Acq On : 07/22/09 12:10
Operator : WP
Sam Mult : 1 Vial# : 59
Misc : A,5ML;5
Qt Meth : 8M_A0716.M
Qt On : 07/22/09 12:40
Qt Upd On: 07/16/09 13:24
Acetone,T
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#14
Acetone
Concen: 26.12 ug/l
RT: 2.449 min Scan# 155
Delta R.T. -0.010 min
Lab File: 8M39954.D
Acq: 22 Jul 2009 12:10

Tgt Ion: 43 Resp: 11543

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	64.8



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-022
Client Id: 1-30-185-GP05 (40)
Data File: 8M39725.D
Analysis Date: 07/16/09 18:51
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	**Acetone**	**5.0**	**21**	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 21

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

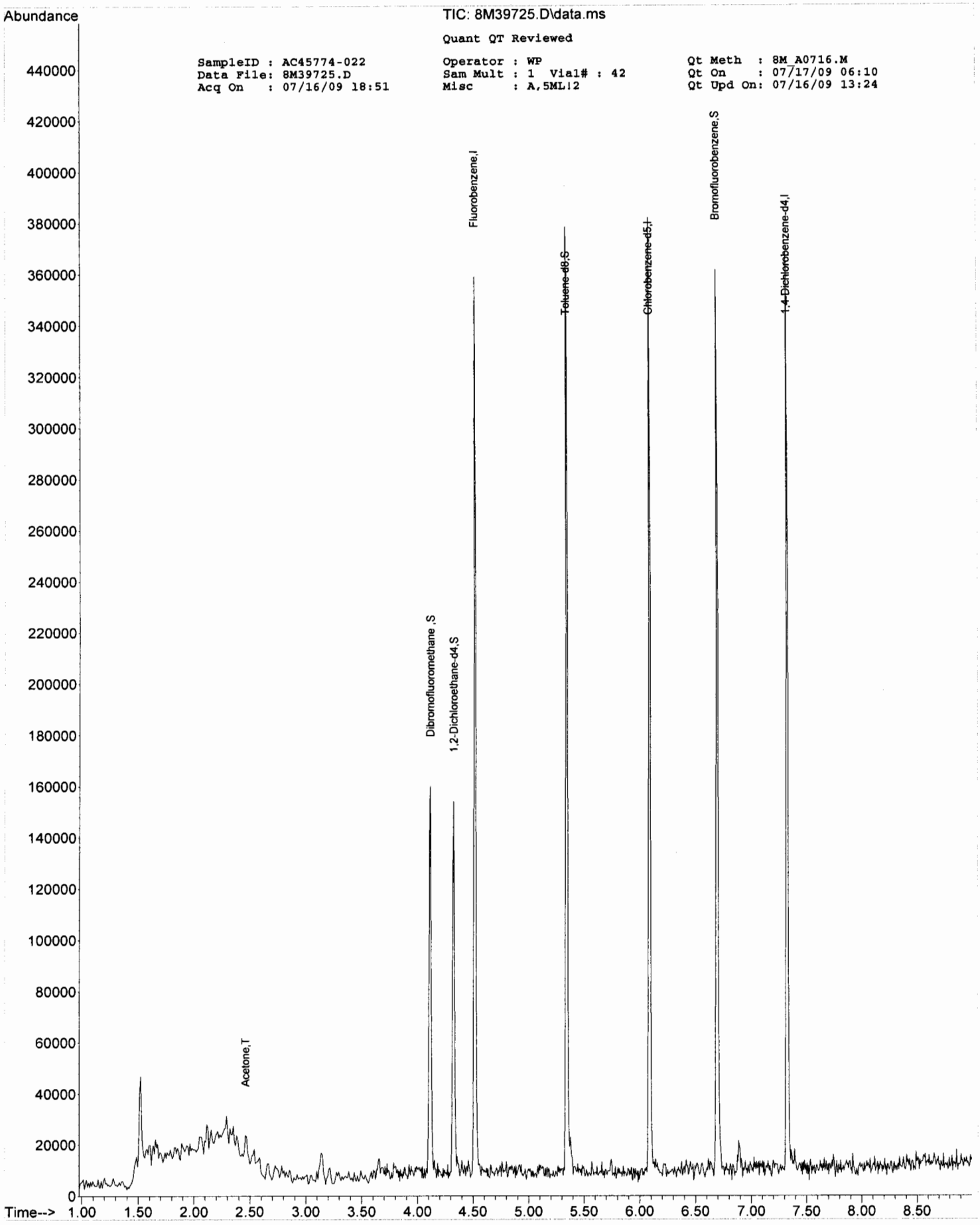
Quantitation Report (QT Reviewed)

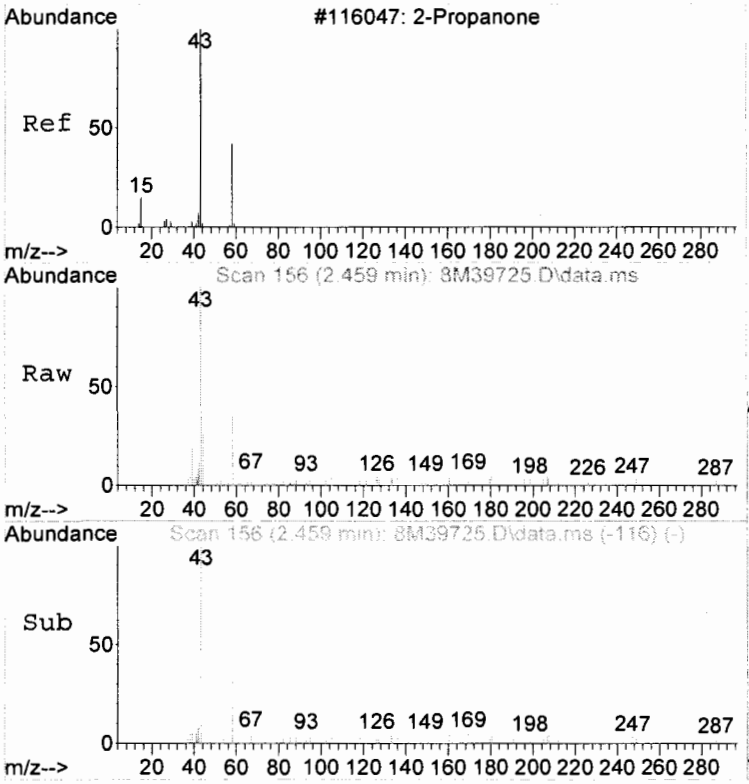
SampleID : AC45774-022 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39725.D Sam Mult : 1 Vial# : 42 Qt On : 07/17/09 06:10
Acq On : 07/16/09 18:51 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.518	96	154736	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	114907	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	59922	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.115	111	56272	31.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.23%			
32) 1,2-Dichloroethane-d4	4.326	102	9369	30.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.70%			
56) Toluene-d8	5.341	100	90048	29.18	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.27%			
64) Bromofluorobenzene	6.692	174	68447	31.14	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.80%			
Target Compounds						Qvalue
14) Acetone	2.459	43	10374	20.70	ug/l	79

(#) = qualifier out of range (m) = manual integration (+) = signals summed

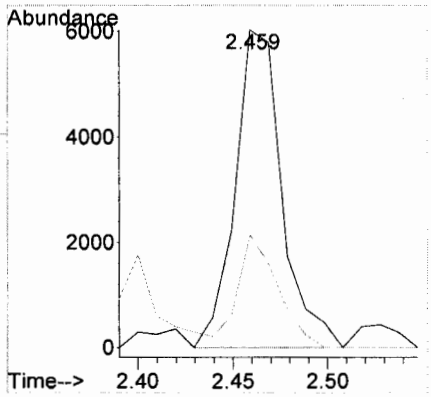

Abundance
TIC: 8M39725.D\data.ms
Quant QT Reviewed
SampleID : AC45774-022
Data File: 8M39725.D
Acq On : 07/16/09 18:51
Operator : WP
Sam Mult : 1 Vial# : 42
Misc : A,5ML;2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Acetone,T
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#14
Acetone
Concen: 20.70 ug/l
RT: 2.459 min Scan# 156
Delta R.T. 0.000 min
Lab File: 8M39725.D
Acq: 16 Jul 2009 18:51

Tgt Ion: 43 Resp: 10374

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	64.8



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC45774-023
Client Id: 1-30-185-Trip Blank
Data File: 8M39875.D
Analysis Date: 07/21/09 08:55
Date Rec/Extracted: 07/15/09-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U	1330-20-7	Xylenes (Total)	1	U

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

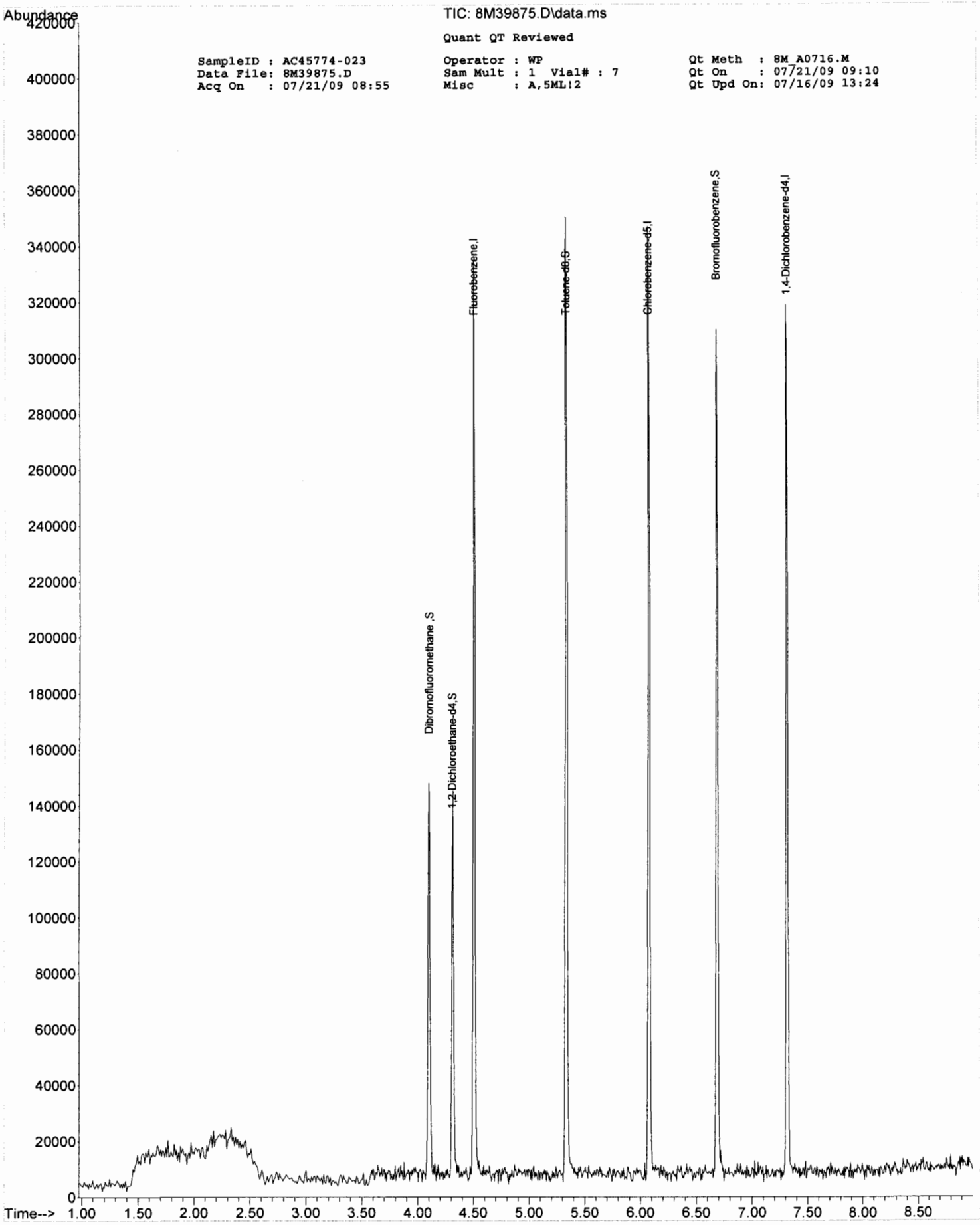
Quantitation Report (QT Reviewed)

SampleID : AC45774-023 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39875.D Sam Mult : 1 Vial# : 7 Qt On : 07/21/09 09:10
Acq On : 07/21/09 08:55 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-21-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.507	96	145313	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.075	117	107528	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.318	152	50737	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.098	111	54596	32.31	ug/l	-0.01
Spiked Amount 30.000			Recovery = 107.70%			
32) 1,2-Dichloroethane-d4	4.308	102	7762	27.18	ug/l	-0.01
Spiked Amount 30.000			Recovery = 90.60%			
56) Toluene-d8	5.336	100	81988	28.39	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.63%			
64) Bromofluorobenzene	6.687	174	57945	31.13	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.77%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39875.D\data.ms
Quant QT Reviewed
SampleID : AC45774-023
Data File: 8M39875.D
Acq On : 07/21/09 08:55
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : A,5ML!2
Qt Meth : 8M_A0716.M
Qt On : 07/21/09 09:10
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

GC/MS Volatile Data
Standards Data

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2M43489.	CAL @ 20 PPB	06/30/09 14:41	2	2M43491.	CAL @ 5 PPB	06/30/09 15:13
3	2M43490.	CAL @ 10 PPB	06/30/09 14:57	4	2M43488.	CAL @ 50 PPB	06/30/09 14:25
5	2M43487.	CAL @ 100 PPB	06/30/09 14:09	6	2M43486.	CAL @ 250 PPB	06/30/09 13:53
7	2M43485.	CAL @ 500 PPB	06/30/09 13:36	8	2M43496.	CAL @ 1 PPB	06/30/09 17:00
9	2M43484.	CAL @ 0.5 PPB	06/30/09 13:18				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.7284	0.8090	0.6482	0.8151	0.8119	0.7966	0.6908	0.7464	-----	0.756	1.24	0.995	1.00	8.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluoromethan	1	0	LinF	0.3508	0.3693	0.3100	0.4080	0.3985	0.3826	-----	0.2477	-----	0.352	1.24	0.999	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Chloromethane	1	0	Avg	0.3583	0.4363	0.3677	0.4229	0.4301	0.4364	0.3948	0.4448	-----	0.411	1.36	0.997	1.00	8.1	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	Avg	0.1844	0.2098	0.1707	0.1883	0.1647	-----	-----	0.1755	-----	0.182	1.66	0.995	0.999	8.8		20.00	5.00	10.00	50.00	100.0			1.00	
Vinyl Chloride	1	0	Avg	0.3417	0.3859	0.2864	0.3477	0.3533	0.3674	0.3386	0.2976	-----	0.340	1.43	0.998	1.00	9.8	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	Avg	0.1858	0.2089	0.1778	0.1960	0.1929	0.1801	-----	0.1513	-----	0.185	1.73	0.999	1.00	9.8		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Trichlorofluoromethane	1	0	Avg	0.4370	0.4877	0.3898	0.5199	0.5042	0.4996	0.4633	0.3840	-----	0.461	1.89	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.3099	0.3337	0.2984	0.3437	0.3362	0.3278	0.2875	0.2500	-----	0.311	2.25	0.995	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylene Chloride	1	0	LinF	0.3497	0.4327	0.3359	0.3779	0.3888	0.3887	0.3518	0.5500	-----	0.397	2.60	0.997	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	Avg	0.0313	0.0306	0.0195	0.0294	0.0297	0.0294	0.0249	0.0323	-----	0.0284	2.17	0.993	1.00	15		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	Avg	0.1248	0.1196	0.1153	0.1486	0.1534	0.1504	0.1311	0.1114	-----	0.132	2.78	0.995	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iodomethane	1	0	LinF	0.4385	0.4792	0.3939	0.4855	0.5030	0.5056	0.4636	0.3517	-----	0.453	2.37	0.998	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.1175	0.1376	0.1048	0.1323	0.1378	0.1319	0.1163	0.1532	-----	0.129	2.29	0.995	1.00	12		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	LinF	0.6675	0.6695	0.5598	0.7930	0.8357	0.8766	0.8010	0.5147	-----	0.715	2.42	0.998	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	Avg	0.0316	0.0330	0.0285	0.0382	0.0410	0.0409	0.0351	0.0293	-----	0.0347	2.67	0.994	1.00	14		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	Avg	0.2361	0.2098	0.2006	0.2679	0.2695	0.2784	0.2549	0.2003	-----	0.240	2.99	0.998	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Di-isopropyl-ether	1	0	Avg	1.2713	1.4530	1.1912	1.4232	1.4954	1.4861	1.3330	1.0170	-----	1.33	3.16	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	Avg	0.5796	0.6253	0.5102	0.6642	0.6789	0.7411	0.6472	0.4852	-----	0.616	2.26	0.995	0.999	14	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.3082	0.3419	0.2820	0.3403	0.3527	0.3582	0.3087	0.2574	-----	0.319	2.52	0.994	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	0.9115	0.9892	0.7967	0.9997	1.0217	0.9689	0.8211	0.7439	0.7042	0.884	2.79	0.992	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1.1-Dichloroethane	1	0	Avg	0.5948	0.6769	0.5353	0.6647	0.6738	0.6689	0.6222	0.4132	-----	0.606	3.12	0.999	1.00	15	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	Avg	0.2997	0.3331	0.2665	0.3280	0.3295	0.3176	0.2785	0.2387	-----	0.299	2.80	0.995	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.5960	0.6462	0.5360	0.6348	0.6985	0.6600	0.6199	0.5166	-----	0.614	3.58	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.2596	0.2882	0.2335	0.2733	0.2856	0.2982	0.2800	0.2258	-----	0.268	3.78	0.999	1.00	9.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichloropropane	1	0	LinF	0.4138	0.4039	0.3589	0.4704	0.5106	0.4786	-----	0.2928	-----	0.418	3.58	0.999	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.4-Dioxane	1	0	Avg	0.0035	0.0039	0.0031	0.0038	0.0040	0.0035	0.0029	0.0030	-----	0.00349	4.85	0.990	1.00	12		1000.	250.0	500.0	2500.	5000.	1250	2500	50.00	
1.1-Dichloropropene	1	0	Avg	0.4116	0.4312	0.3733	0.4491	0.4441	0.4135	0.3626	0.3272	-----	0.402	4.08	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroform	1	0	Avg	0.5407	0.5641	0.4478	0.5768	0.5986	0.5827	0.5773	0.3951	-----	0.535	3.83	1.00	1.00	14	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.2752	0.2818	0.2776	0.2761	0.2639	0.2632	0.2595	0.2817	0.2898	0.274	3.96	-1	-1	3.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cyclohexane	1	0	Avg	0.4111	0.3951	0.3419	0.4601	0.4678	0.4723	0.4335	0.3104	-----	0.412	4.01	0.998	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.0648	0.0663	0.0628	0.0622	0.0588	0.0590	0.0610	0.0648	0.0604	0.0623	4.19	-1	-1	4.3		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1.2-Dichloroethane	1	0	Avg	0.4867	0.5827	0.4623	0.5133	0.5071	0.4784	0.4257	0.4048	0.4103	0.475	4.24	0.996	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	Avg	0.1751	0.1852	0.1589	0.1961	0.2183	0.2010	0.1835	0.1457	-----	0.183	3.59	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	Avg	0.3865	0.4207	0.3469	0.4248	0.4293	0.4221	0.3977	0.3170	-----	0.393	3.97	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	Avg	0.3199	0.3229	0.2724	0.3433	0.3416	0.3218	0.2831	0.2549	-----	0.308	4.09	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Acetate	1	0	Avg	1.1651	1.2464	1.0715	1.3946	1.4789	1.4941	1.3576	1.0509	-----	1.28	3.16	0.998	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.4154	0.4455	0.3693	0.4669	0.4688	0.4566	0.4149	0.3341	-----	0.421	4.92	0.997	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	Avg	0.3442	0.3375	0.3143	0.3813	0.3713	0.3571	0.3140	0.2885	-----	0.339	4.74	0.995	1.00	9.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromomethane	1	0	Avg	0.2280	0.2584	0.2067	0.2368	0.2390	0.2210	0.1926	0.1876	-----	0.221	4.83	0.994	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloropropane	1	0	Avg	0.3129	0.3543	0.2870	0.3346	0.3481	0.3374	0.3018	0.2269	-----	0.313	4.76	0.997	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.3072	0.3407	0.2838	0.3249	0.3186	0.2922	0.2596	0.2448	-----	0.297	4.62	0.996	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 12.1

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_2

0263

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2M43489.	CAL @ 20 PPB	06/30/09 14:41	2	2M43491.	CAL @ 5 PPB	06/30/09 15:13
3	2M43490.	CAL @ 10 PPB	06/30/09 14:57	4	2M43488.	CAL @ 50 PPB	06/30/09 14:25
5	2M43487.	CAL @ 100 PPB	06/30/09 14:09	6	2M43486.	CAL @ 250 PPB	06/30/09 13:53
7	2M43485.	CAL @ 500 PPB	06/30/09 13:36	8	2M43496.	CAL @ 1 PPB	06/30/09 17:00
9	2M43484.	CAL @ 0.5 PPB	06/30/09 13:18				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.0765	1.2297	1.0007	1.1433	1.1288	1.0698	0.9229	0.9534	1.0919	1.07	4.23	0.994	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.7603	0.7891	0.6799	0.8351	0.8464	0.8218	0.7121	0.5852	-----	0.754	4.29	0.994	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	LinF	0.4028	0.4127	0.3528	0.4599	0.4836	0.4938	0.4595	0.2592	-----	0.416	5.87	0.999	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	LinF	0.2623	0.2711	0.2337	0.3037	0.3143	0.3168	0.3157	0.1997	-----	0.277	5.09	1.00	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.3-Dichloropropene	1	0	LinF	0.6965	0.6735	0.5997	0.7751	0.8110	0.8039	0.7763	0.4353	-----	0.696	5.19	1.00	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	LinF	0.6346	0.6302	0.5483	0.7169	0.7605	0.7484	0.7159	0.4149	-----	0.646	5.51	0.999	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.3663	0.4149	0.3211	0.3848	0.3943	0.3842	0.3596	0.3036	-----	0.366	5.63	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	Avg	0.4075	0.4225	0.3753	0.4545	0.4705	0.4647	0.4288	0.3515	-----	0.422	5.95	0.998	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.6738	0.7695	0.6052	0.7104	0.7078	0.6878	0.6162	0.5252	-----	0.662	5.73	0.997	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Methyl-2-Pentanone	1	0	Avg	0.4470	0.4671	0.4018	0.5012	0.5336	0.5353	0.5168	0.4062	-----	0.476	5.27	1.00	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	Avg	0.3240	0.3190	0.2744	0.3681	0.3831	0.3853	0.3586	0.2633	-----	0.335	5.76	0.999	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Tetrachloroethene	1	0	Avg	0.3312	0.3460	0.2968	0.3451	0.3349	0.3126	0.2676	0.2388	-----	0.309	5.71	0.993	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Toluene-d8	1	0	Avg	0.8707	0.8553	0.8580	0.8588	0.8640	0.8973	0.9694	0.8448	0.8881	0.879	5.35	-1	-1	4.3		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Toluene	1	0	Avg	0.9443	1.0538	0.8646	0.9879	0.9945	0.9336	0.8495	0.8418	-----	0.934	5.39	0.997	1.00	8.2	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.3301	0.3719	0.3196	0.3622	0.3619	0.3218	0.2591	0.2465	-----	0.322	6.27	0.985	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chlorobenzene	1	0	Avg	1.0268	1.1867	0.9877	1.0936	1.1030	1.0173	0.8812	1.0296	-----	1.04	6.22	0.994	1.00	8.7	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	LinF	0.5648	0.5441	0.4851	0.6546	0.7219	0.7147	0.6713	0.4417	-----	0.600	6.72	0.999	1.00	18	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	Avg	0.8473	0.9741	0.8141	0.8786	0.8601	0.7139	-----	1.0876	0.8750	0.881	6.28	0.993	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	0.50
1.1.2.2-Tetrachloroetha	1	0	Avg	0.9366	1.0515	0.8148	1.0047	1.0649	1.0441	0.9687	1.0234	0.7288	0.960	6.97	0.998	1.00	12	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
Bromofluorobenzene	1	0	Avg	0.8927	0.9020	0.8980	0.8920	0.8990	0.9237	0.9497	0.8569	0.8390	0.895	6.90	-1	-1	3.6		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Styrene	1	0	Avg	2.2818	2.5216	2.0491	2.3807	2.3740	1.9556	-----	1.8533	-----	2.20	6.59	0.992	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
m&p-Xylenes	1	0	LinF	1.2565	1.4713	1.2137	1.2862	1.2513	-----	-----	1.0422	0.8188	1.19	6.34	1.00	1.00	17		40.00	10.00	20.00	100.0	200.0			2.00	1.00
o-Xylene	1	0	Avg	1.2570	1.4451	1.1978	1.2894	1.2846	1.0542	-----	1.0249	-----	1.22	6.58	0.992	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	LinF	0.3381	0.3179	0.2681	0.3844	0.4020	0.3703	0.3249	0.2351	-----	0.330	7.01	0.994	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichlorobenzene	1	0	Avg	1.4605	1.7533	1.3792	1.5394	1.5500	1.3621	1.1232	1.4642	-----	1.45	7.58	0.988	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dichlorobenzene	1	0	Avg	1.5876	1.8553	1.4668	1.6099	1.6521	1.5115	1.2876	1.6592	-----	1.58	7.62	0.992	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichlorobenzene	1	0	Avg	1.4332	1.7355	1.3430	1.5096	1.5195	1.4390	1.2600	1.4055	-----	1.46	7.87	0.995	1.00	9.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	Avg	3.1335	3.3774	2.9354	3.3033	3.3132	2.9619	2.5762	2.5779	-----	3.02	6.79	0.994	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	LinF	0.0328	0.0435	0.0304	0.0384	0.0409	0.0393	0.0354	0.0249	-----	0.0358	6.87	0.997	1.00	17		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
1.2.3-Trichloropropane	1	0	Avg	1.2672	1.4100	1.1155	1.3573	1.4301	1.2714	1.0605	1.1473	-----	1.26	7.01	0.989	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chlorotoluene	1	0	Avg	1.9623	2.3935	2.1173	2.1601	2.1005	1.6684	-----	2.0644	-----	2.07	7.11	0.989	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
p-Ethyltoluene	1	0	Avg	2.9443	3.3440	2.9738	3.2174	3.1047	2.7211	2.0160	2.7990	-----	2.89	7.11	0.971	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Chlorotoluene	1	0	Avg	2.0597	2.4991	2.1065	2.2353	2.1621	1.9567	1.6385	1.9997	-----	2.08	7.17	0.990	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Propylbenzene	1	0	Avg	3.6681	3.8807	3.4605	3.8681	3.9732	3.6463	3.1753	3.4073	-----	3.63	7.04	0.994	1.00	7.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.0239	2.3100	1.9501	2.1561	2.2101	1.8197	1.5122	2.0263	-----	2.00	7.01	0.987	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3.5-Trimethylbenzene	1	0	Avg	2.5058	2.6111	2.3332	2.6750	2.6531	2.2227	1.9715	2.0383	-----	2.38	7.14	0.993	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	2.2481	2.3254	1.9973	2.3035	2.3290	2.1026	1.7803	1.7751	-----	2.11	7.35	0.991	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	2.5907	2.8926	2.4134	2.7277	2.7166	2.4625	2.1013	2.1848	-----	2.51	7.38	0.992	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.6478	2.6706	2.3904	2.8492	2.8278	2.6421	2.3002	2.2224	-----	2.57	7.48	0.994	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	2.1326	2.2110	1.9780	2.2862	2.2630	1.9959	1.5734	1.7289	-----	2.02	7.56	0.982	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	2.3455	2.6135	2.2749	2.6301	2.6637	2.4875	2.1231	1.9887	-----	2.39	7.82	0.993	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 12.1

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_2

0264

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2M43489.	CAL @ 20 PPB	06/30/09 14:41	2	2M43491.	CAL @ 5 PPB	06/30/09 15:13
3	2M43490.	CAL @ 10 PPB	06/30/09 14:57	4	2M43488.	CAL @ 50 PPB	06/30/09 14:25
5	2M43487.	CAL @ 100 PPB	06/30/09 14:09	6	2M43486.	CAL @ 250 PPB	06/30/09 13:53
7	2M43485.	CAL @ 500 PPB	06/30/09 13:36	8	2M43496.	CAL @ 1 PPB	06/30/09 17:00
9	2M43484.	CAL @ 0.5 PPB	06/30/09 13:18				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	Avg	1.2616	1.2929	1.1803	1.4016	1.4064	1.2872	1.0716	1.0359	-----	1.24	7.80	0.990	1.00	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4.5-Tetramethylber	1	0	Avg	1.7571	1.8496	1.6040	1.9391	2.0172	1.8859	1.6641	1.4110	-----	1.77	8.30	0.995	1.00	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromo-3-Chloropr	1	0	LinF	0.1699	0.1468	0.1273	0.1971	0.2242	0.2200	0.2164	0.0491	-----	0.169	8.36	1.00	1.00	36	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	Avg	0.3475	0.3890	0.3344	0.3747	0.3951	0.3675	0.3202	0.2487	-----	0.347	8.98	0.994	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trichlorobenzene	1	0	Avg	0.7952	0.8835	0.7366	0.8495	0.8793	0.8444	0.7508	0.8404	-----	0.823	8.89	0.996	1.00	6.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.3-Trichlorobenzene	1	0	Avg	0.7970	0.9452	0.7614	0.8168	0.8256	0.8088	0.7150	0.9412	-----	0.826	9.22	0.996	1.00	9.7	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	Avg	2.1219	2.4011	1.9463	2.2135	2.3538	2.2812	2.0560	1.9576	-----	2.17	9.06	0.997	1.00	8.0	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 12.1

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43489.D Sam Mult : 1 Vial# : 69 Qt On : 06/30/09 15:19
Acq On : 06/30/09 14:41 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.399	96	184986	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.210	117	135946	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.618	152	66294	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.954	111	50916	32.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.37%			
32) 1,2-Dichloroethane-d4	4.189	102	12003	30.41	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.37%			
56) Toluene-d8	5.350	100	118377	29.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.17%			
64) Bromofluorobenzene	6.908	174	59185	28.53	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.10%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.248	51	89829	28.75	ug/l	60
3) Dichlorodifluoromethane	1.248	85	43272	22.70	ug/l	93
4) Chloromethane	1.364	50	44195	22.20	ug/l	97
5) Bromomethane	1.664	94	22748	28.21	ug/l	93
6) Vinyl Chloride	1.431	62	42148	26.51	ug/l	93
7) Chloroethane	1.714	64	22913	30.42	ug/l	99
8) Trichlorofluoromethane	1.897	101	53903	26.99	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.242	101	38228	25.62	ug/l	92
10) Methylene Chloride	2.597	84	43130	18.65	ug/l	97
11) Acrolein	2.180	56	19353	77.38	ug/l	99
12) Acrylonitrile	2.784	53	15402	20.17	ug/l	87
13) Iodomethane	2.370	142	54083	38.80	ug/l	94
14) Acetone	2.291	43	72484	96.09	ug/l	94
15) Carbon Disulfide	2.419	76	82327	63.12	ug/l	100
16) t-Butyl Alcohol	2.676	59	19527	109.39	ug/l	98
17) n-Hexane	2.991	57	29125	23.79	ug/l	93
18) Di-isopropyl-ether	3.159	45	156788	18.34	ug/l	91
19) 1,1-Dichloroethene	2.252	61	71480	22.01	ug/l	95
20) Methyl Acetate	2.518	43	38015	18.70	ug/l	100
21) Methyl-t-butyl ether	2.794	73	112420	24.19	ug/l	97
22) 1,1-Dichloroethane	3.129	63	73361	19.83	ug/l	95
23) trans-1,2-Dichloroethene	2.804	96	36971	23.46	ug/l	82
24) cis-1,2-Dichloroethene	3.583	61	73511	20.29	ug/l	90
25) Bromochloromethane	3.780	49	32025	14.53	ug/l	93
26) 2,2-Dichloropropane	3.583	77	51039	22.07	ug/l	94
27) 1,4-Dioxane	4.845	88	21565	1026.69	ug/l	83
28) 1,1-Dichloropropene	4.087	75	50768	20.95	ug/l	95
29) Chloroform	3.840	83	66690	22.00	ug/l	95
31) Cyclohexane	4.008	56	50706	20.26	ug/l	93
33) 1,2-Dichloroethane	4.243	62	60025	21.32	ug/l	99
34) 2-Butanone	3.592	43	21599	16.91	ug/l	79
35) 1,1,1-Trichloroethane	3.972	97	47674	22.32	ug/l	95
36) Carbon Tetrachloride	4.087	117	39457	23.35	ug/l	91
37) Vinyl Acetate	3.149	43	143693	17.22	ug/l	100
38) Bromodichloromethane	4.923	83	51238	20.50	ug/l	94
39) Methylcyclohexane	4.742	83	42456	20.95	ug/l	93
40) Dibromomethane	4.839	174	28120	19.19	ug/l	96
41) 1,2-Dichloropropane	4.766	63	38598	17.67	ug/l	96
42) Trichloroethene	4.622	130	37896	21.38	ug/l	91
43) Benzene	4.231	78	132763	20.24	ug/l	100
44) tert-Amyl methyl ether	4.285	73	93771	19.96	ug/l	88
46) Dibromochloromethane	5.873	129	36514	20.25	ug/l	96
47) 2-Chloroethylvinylether	5.091	63	23778	18.26	ug/l	89
48) cis-1,3-Dichloropropene	5.194	75	63130	20.24	ug/l	96
49) trans-1,3-Dichloropropene	5.512	75	57516	20.64	ug/l	98
50) 1,1,2-Trichloroethane	5.627	97	33198	20.66	ug/l	92
51) 1,2-Dibromoethane	5.945	107	36939	19.92	ug/l	90
52) 1,3-Dichloropropane	5.729	76	61068	20.25	ug/l	96
53) 4-Methyl-2-Pentanone	5.272	43	40518	16.45	ug/l	98
54) 2-Hexanone	5.759	43	29366	16.25	ug/l	98
55) Tetrachloroethene	5.717	164	30020	20.96	ug/l	98
57) Toluene	5.392	92	85585	20.73	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.270	133	29920	21.20	ug/l	93
59) Chlorobenzene	6.228	112	93067	21.15	ug/l	99
61) Bromoform	6.727	173	24962	20.12	ug/l	95
62) Ethylbenzene	6.282	106	37448	20.66	ug/l	97
63) 1,1,2,2-Tetrachloroethane	6.974	83	41395	21.06	ug/l	86
65) Styrene	6.595	104	100848	23.02	ug/l	95
66) m&p-Xylenes	6.348	106	111066	44.72	ug/l	96

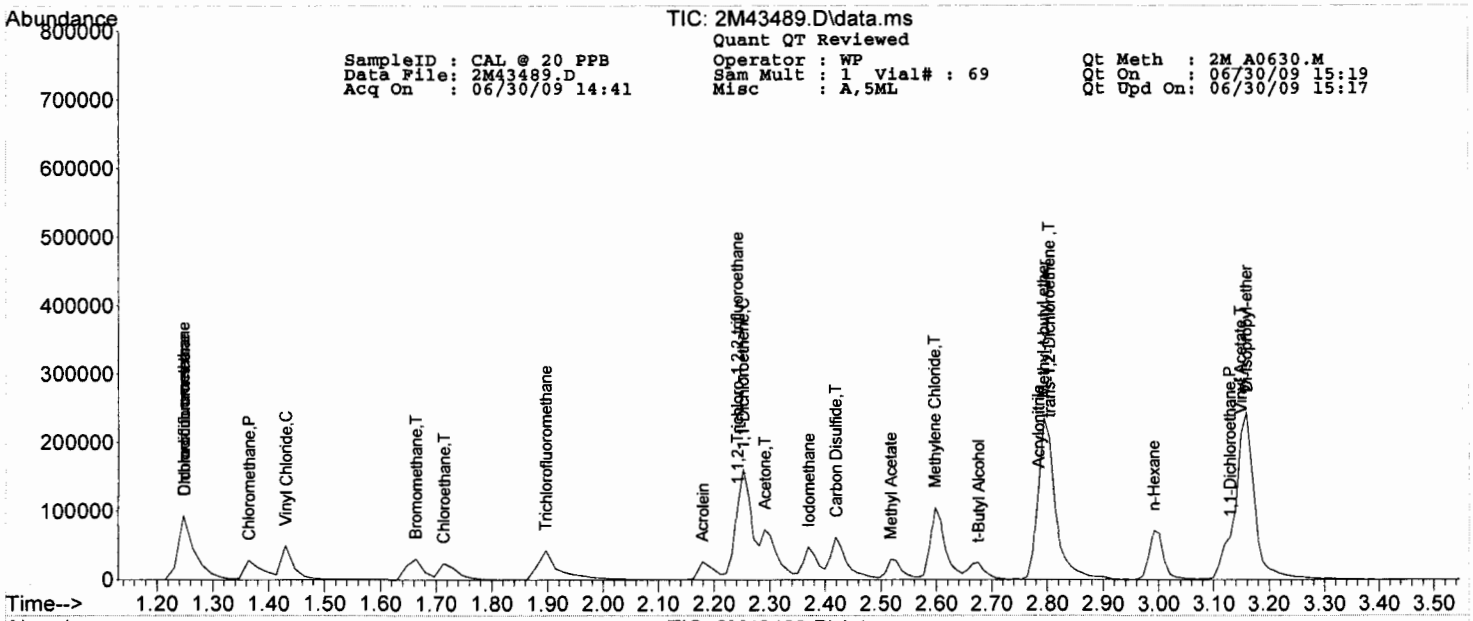
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43489.D Sam Mult : 1 Vial# : 69 Qt On : 06/30/09 15:19
Acq On : 06/30/09 14:41 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.583	106	55558	21.74 ug/l	82
68) trans-1,4-Dichloro-2-b...	7.004	53	14943	21.55 ug/l	95
69) 1,3-Dichlorobenzene	7.582	146	64549	21.55 ug/l	95
70) 1,4-Dichlorobenzene	7.630	146	70166	22.27 ug/l	93
71) 1,2-Dichlorobenzene	7.870	146	63343	22.17 ug/l	97
72) Isopropylbenzene	6.800	105	138491	22.52 ug/l	99
73) Cyclohexanone	6.878	55	7265	90.05 ug/l	98
74) 1,2,3-Trichloropropane	7.010	75	56006	22.23 ug/l	93
75) 2-Chlorotoluene	7.118	91	86728	20.52 ug/l	98
76) p-Ethyltoluene	7.112	105	130130	19.58 ug/l	94
77) 4-Chlorotoluene	7.179	91	91032	22.75 ug/l	97
78) n-Propylbenzene	7.046	91	162116	22.51 ug/l	99
79) Bromobenzene	7.010	77	89452	20.98 ug/l	88
80) 1,3,5-Trimethylbenzene	7.143	105	110748	22.70 ug/l	95
81) t-Butylbenzene	7.353	119	99357	23.46 ug/l	94
82) 1,2,4-Trimethylbenzene	7.377	105	114500	23.07 ug/l	89
83) sec-Butylbenzene	7.485	105	117022	22.23 ug/l	96
84) 4-Isopropyltoluene	7.564	119	94256	23.35 ug/l	97
85) n-Butylbenzene	7.822	91	103664	21.53 ug/l	99
86) p-Diethylbenzene	7.804	119	55760	20.58 ug/l	96
87) 1,2,4,5-Tetramethylben...	8.303	119	77658	20.37 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.364	157	7511	23.28 ug/l	85
89) Hexachlorobutadiene	8.989	225	15359	20.58 ug/l	97
90) 1,2,4-Trichlorobenzene	8.893	180	35147	22.20 ug/l	99
91) 1,2,3-Trichlorobenzene	9.224	180	35225	23.16 ug/l	99
92) Naphthalene	9.067	128	93783	25.28 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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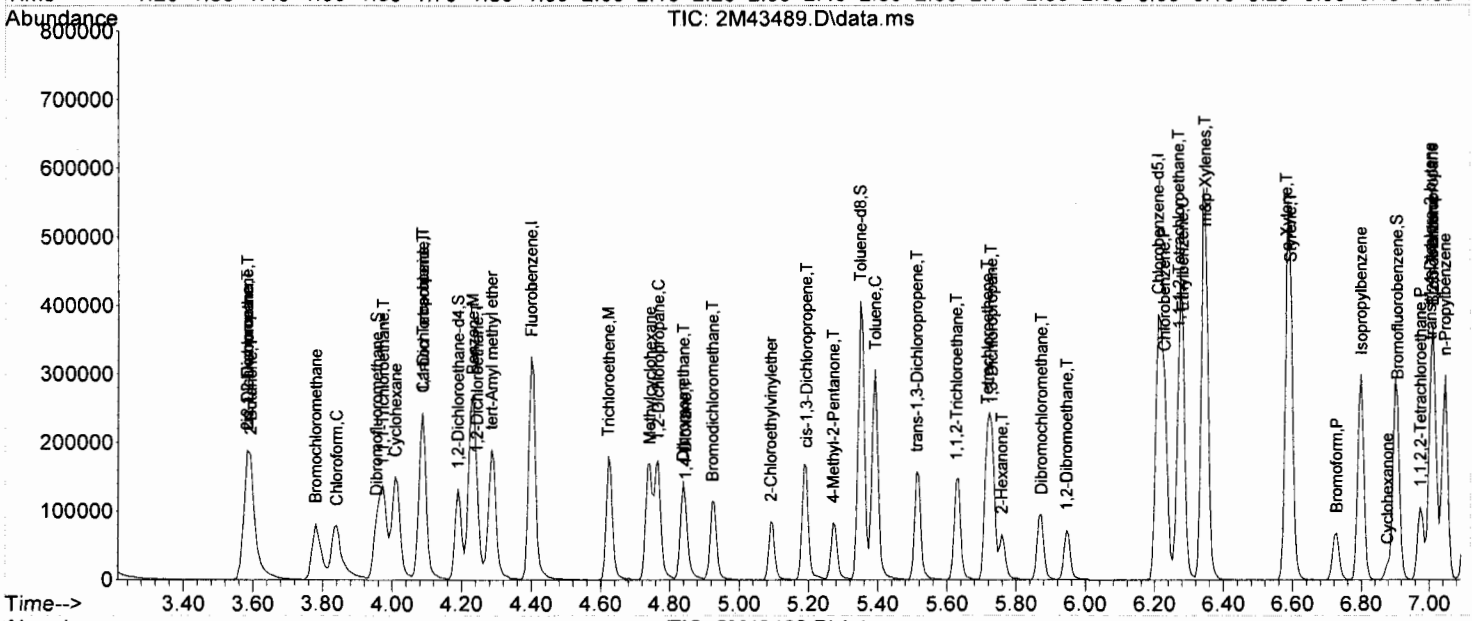
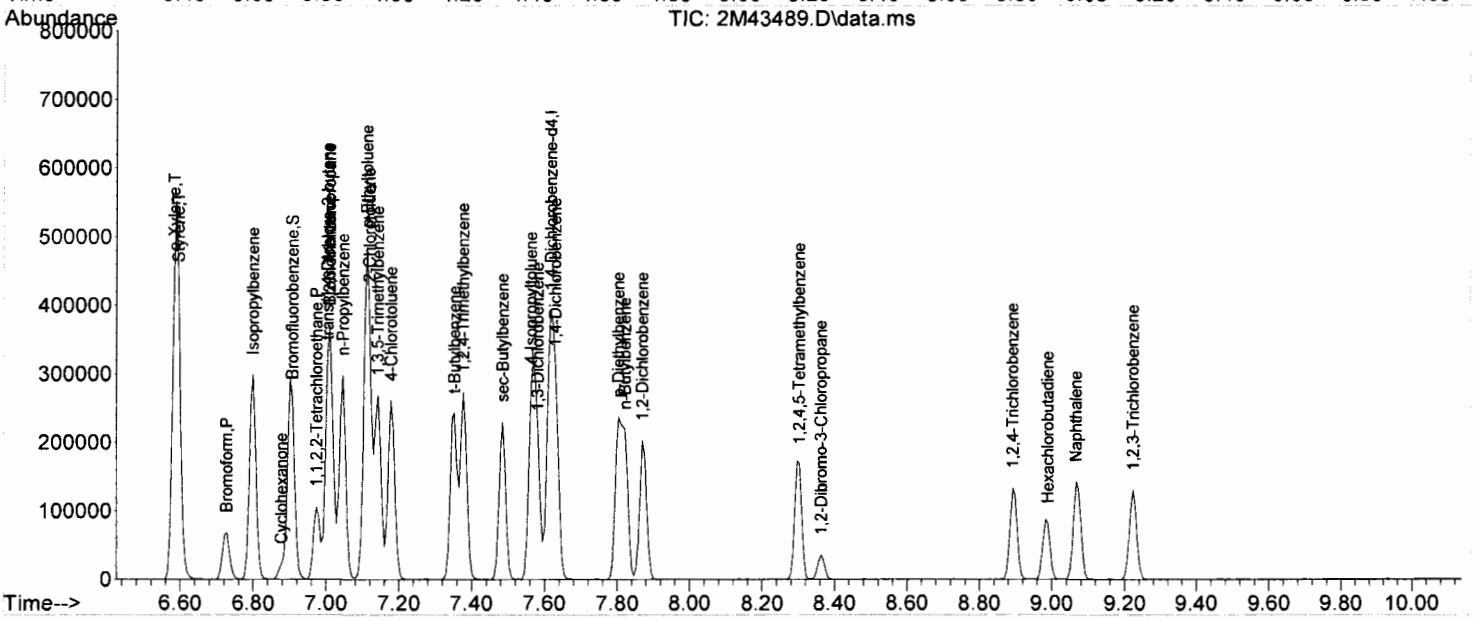
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 2M43489.D
Acq On : 06/30/09 14:41
Operator : WP
Sam Mult : 1 Vial# : 69
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 06/30/09 15:19
Qt Upd On: 06/30/09 15:17
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P


TIC: 2M43489.D\data.ms
Abundance
Time-->
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene


TIC: 2M43489.D\data.ms
Abundance
Time-->
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43491.D Sam Mult : 1 Vial# : 71 Qt On : 06/30/09 15:24
Acq On : 06/30/09 15:13 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.400	96	177233	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.211	117	132820	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.618	152	62307	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.955	111	49953	33.59	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.97%			
32) 1,2-Dichloroethane-d4	4.190	102	11754	31.08	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.60%			
56) Toluene-d8	5.351	100	113606	29.22	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.40%			
64) Bromofluorobenzene	6.909	174	56204	28.83	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.10%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.247	51	23897	7.98	ug/l	57
3) Dichlorodifluoromethane	1.247	85	10911	5.97	ug/l	97
4) Chloromethane	1.363	50	12889	6.76	ug/l	99
5) Bromomethane	1.663	94	6199	8.02	ug/l	83
6) Vinyl Chloride	1.430	62	11400	7.48	ug/l	96
7) Chloroethane	1.713	64	6172	8.55	ug/l	98
8) Trichlorofluoromethane	1.896	101	14408	7.53	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.251	101	9857	6.90	ug/l	82
10) Methylene Chloride	2.606	84	12784	5.77	ug/l	77
11) Acrolein	2.179	56	4532	18.91	ug/l	89
12) Acrylonitrile	2.783	53	3533	4.83	ug/l	91
13) Iodomethane	2.369	142	14157	10.60	ug/l	92
14) Acetone	2.300	43	20332	28.13	ug/l	99
15) Carbon Disulfide	2.418	76	19779	15.83	ug/l	100
16) t-Butyl Alcohol	2.675	59	4878	28.52	ug/l	97
17) n-Hexane	2.990	57	6198	5.28	ug/l	96
18) Di-isopropyl-ether	3.158	45	42922	5.24	ug/l	95
19) 1,1-Dichloroethene	2.261	61	18473	5.94	ug/l	98
20) Methyl Acetate	2.527	43	10102	5.19	ug/l	100
21) Methyl-t-butyl ether	2.793	73	29221	6.56	ug/l	93
22) 1,1-Dichloroethane	3.128	63	19996	5.64	ug/l	100
23) trans-1,2-Dichloroethene	2.803	96	9842	6.52	ug/l	89
24) cis-1,2-Dichloroethene	3.582	61	19090	5.50	ug/l	93
25) Bromochloromethane	3.779	49	8514	4.03	ug/l	96
26) 2,2-Dichloropropane	3.582	77	11933	5.38	ug/l	91
27) 1,4-Dioxane	4.845	88	5769	286.67	ug/l	92
28) 1,1-Dichloropropene	4.087	75	12738	5.49	ug/l	93
29) Chloroform	3.841	83	16664	5.74	ug/l	95
31) Cyclohexane	4.009	56	11672	4.87	ug/l	92
33) 1,2-Dichloroethane	4.238	62	17213	6.38	ug/l	94
34) 2-Butanone	3.601	43	5473	4.47	ug/l	97
35) 1,1,1-Trichloroethane	3.973	97	12429	6.07	ug/l	81
36) Carbon Tetrachloride	4.087	117	9539	5.89	ug/l	92
37) Vinyl Acetate	3.158	43	36819	4.60	ug/l	100
38) Bromodichloromethane	4.924	83	13160	5.50	ug/l	90
39) Methylcyclohexane	4.737	83	9972	5.14	ug/l	91
40) Dibromomethane	4.839	174	7635	5.44	ug/l	98
41) 1,2-Dichloropropane	4.761	63	10466	5.00	ug/l	93
42) Trichloroethene	4.623	130	10064	5.93	ug/l	97
43) Benzene	4.226	78	36324	5.78	ug/l	100
44) tert-Amyl methyl ether	4.286	73	23311	5.18	ug/l	91
46) Dibromochloromethane	5.868	129	9136	5.19	ug/l	96
47) 2-Chloroethylvinylether	5.092	63	6002	4.72	ug/l	92
48) cis-1,3-Dichloropropene	5.188	75	14910	4.89	ug/l	97
49) trans-1,3-Dichloropropene	5.513	75	13951	5.13	ug/l	100
50) 1,1,2-Trichloroethane	5.627	97	9186	5.85	ug/l	92
51) 1,2-Dibromoethane	5.946	107	9354	5.16	ug/l	81
52) 1,3-Dichloropropane	5.730	76	17036	5.78	ug/l	93
53) 4-Methyl-2-Pentanone	5.272	43	10340	4.30	ug/l	98
54) 2-Hexanone	5.760	43	7062	4.00	ug/l	92
55) Tetrachloroethene	5.718	164	7660	5.47	ug/l	89
57) Toluene	5.393	92	23329	5.78	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.271	133	8233	5.97	ug/l	100
59) Chlorobenzene	6.229	112	26270	6.11	ug/l	100
61) Bromoform	6.722	173	5651	4.85	ug/l	93
62) Ethylbenzene	6.277	106	10116	5.94	ug/l	79
63) 1,1,2,2-Tetrachloroethane	6.975	83	10920	5.91	ug/l	78
65) Styrene	6.590	104	26186	6.36	ug/l	100
66) m&p-Xylenes	6.343	106	30559	13.09	ug/l	97

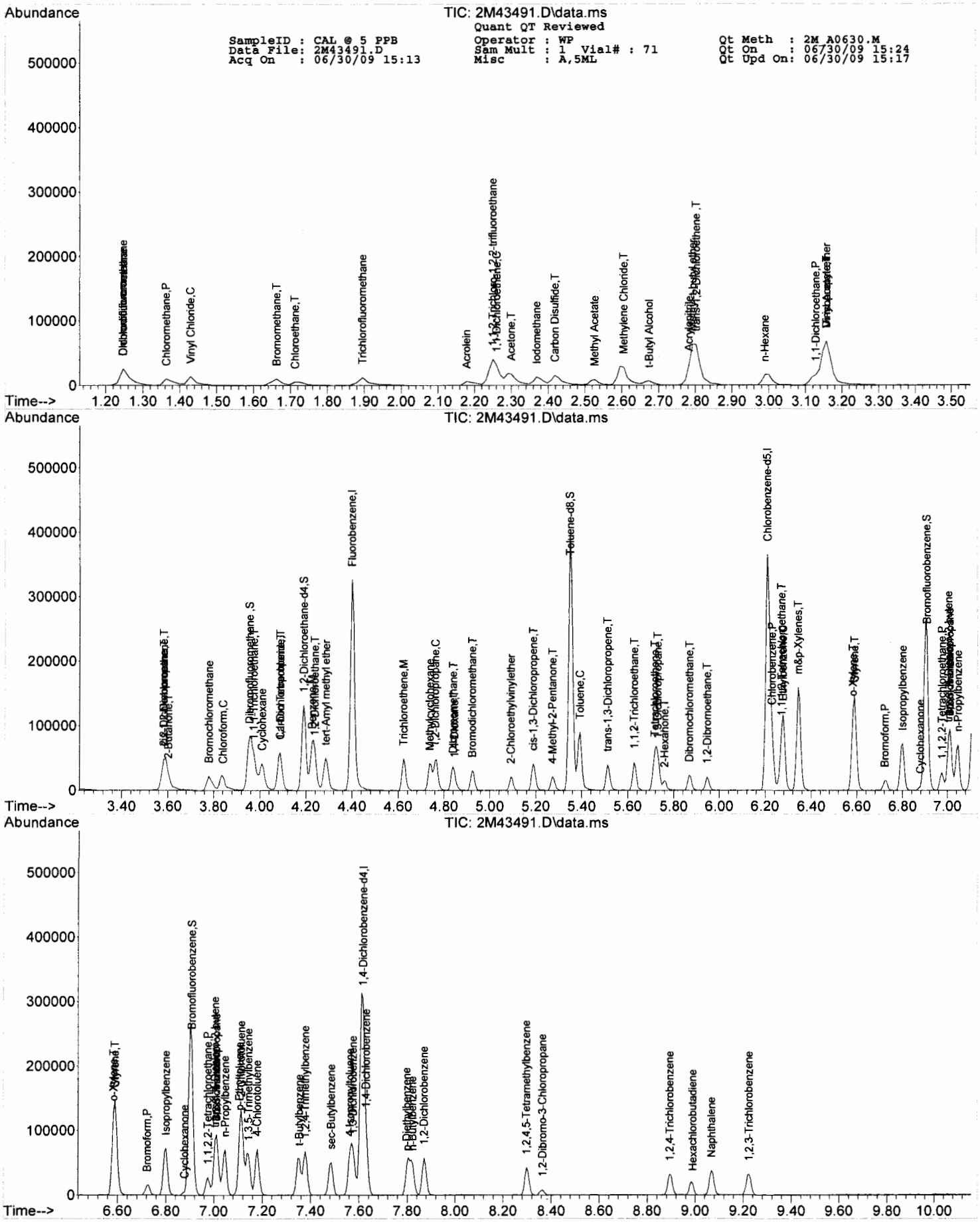
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43491.D Sam Mult : 1 Vial# : 71 Qt On : 06/30/09 15:24
Acq On : 06/30/09 15:13 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.584	106	15007	6.25 ug/l	84
68) trans-1,4-Dichloro-2-b...	7.005	53	3302	5.07 ug/l	78
69) 1,3-Dichlorobenzene	7.576	146	18208	6.47 ug/l	96
70) 1,4-Dichlorobenzene	7.630	146	19267	6.51 ug/l	80
71) 1,2-Dichlorobenzene	7.871	146	18023	6.71 ug/l	96
72) Isopropylbenzene	6.800	105	35073	6.07 ug/l	98
73) Cyclohexanone	6.879	55	2263	29.84 ug/l	79
74) 1,2,3-Trichloropropane	7.011	75	14643	6.18 ug/l	95
75) 2-Chlorotoluene	7.113	91	24856	6.26 ug/l	97
76) p-Ethyltoluene	7.107	105	34726	5.56 ug/l	93
77) 4-Chlorotoluene	7.179	91	25952	6.90 ug/l	95
78) n-Propylbenzene	7.047	91	40300	5.95 ug/l	100
79) Bromobenzene	7.011	77	23989	5.99 ug/l	88
80) 1,3,5-Trimethylbenzene	7.143	105	27115	5.91 ug/l	95
81) t-Butylbenzene	7.354	119	24149	6.07 ug/l	93
82) 1,2,4-Trimethylbenzene	7.378	105	30039	6.44 ug/l	86
83) sec-Butylbenzene	7.486	105	27733	5.61 ug/l	94
84) 4-Isopropyltoluene	7.564	119	22961	6.05 ug/l	98
85) n-Butylbenzene	7.823	91	27140	6.00 ug/l	95
86) p-Diethylbenzene	7.799	119	13427	5.27 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.298	119	19208	5.36 ug/l	100
88) 1,2-Dibromo-3-Chloropr...	8.364	157	1525	5.03 ug/l	82
89) Hexachlorobutadiene	8.990	225	4040	5.76 ug/l	97
90) 1,2,4-Trichlorobenzene	8.894	180	9175	6.17 ug/l	95
91) 1,2,3-Trichlorobenzene	9.225	180	9816	6.87 ug/l	98
92) Naphthalene	9.068	128	24935	7.15 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 2M43491.D
Acq On : 06/30/09 15:13
Operator : WP
Sam Mult : 1 Vial# : 71
Misc : A,5ML
Qt Meth : 2M A0630.M
Qt On : 06730/09 15:24
Qt Upd On: 06/30/09 15:17
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43490.D Sam Mult : 1 Vial# : 70 Qt On : 06/30/09 15:19
Acq On : 06/30/09 14:57 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.401	96	186420	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.212	117	134334	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.613	152	64677	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.956	111	51766	33.10	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.33%			
32) 1,2-Dichloroethane-d4	4.191	102	11719	29.46	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.20%			
56) Toluene-d8	5.351	100	115264	29.31	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.70%			
64) Bromofluorobenzene	6.903	174	58085	28.70	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.67%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.259	51	40279	12.79	ug/l	59
3) Dichlorodifluoromethane	1.242	85	19264	10.03	ug/l	96
4) Chloromethane	1.359	50	22851	11.39	ug/l	98
5) Bromomethane	1.658	94	10609	13.05	ug/l	89
6) Vinyl Chloride	1.442	62	17802	11.11	ug/l	96
7) Chloroethane	1.725	64	11053	14.56	ug/l	93
8) Trichlorofluoromethane	1.891	101	24222	12.03	ug/l	94
9) 1,1,2-Trichloro-1,2,2-...	2.251	101	18543	12.33	ug/l	81
10) Methylene Chloride	2.606	84	20878	8.96	ug/l	74
11) Acrolein	2.174	56	6088	24.16	ug/l	96
12) Acrylonitrile	2.793	53	7166	9.31	ug/l	91
13) Iodomethane	2.369	142	24477	17.43	ug/l	90
14) Acetone	2.300	43	32565	42.84	ug/l	98
15) Carbon Disulfide	2.419	76	34791	26.47	ug/l	100
16) t-Butyl Alcohol	2.675	59	8859	49.24	ug/l	93
17) n-Hexane	3.000	57	12469	10.11	ug/l	96
18) Di-isopropyl-ether	3.158	45	74021	8.59	ug/l	91
19) 1,1-Dichloroethene	2.261	61	31708	9.69	ug/l	98
20) Methyl Acetate	2.527	43	17527	8.55	ug/l	100
21) Methyl-t-butyl ether	2.793	73	49510	10.57	ug/l	95
22) 1,1-Dichloroethane	3.129	63	33264	8.92	ug/l	99
23) trans-1,2-Dichloroethene	2.803	96	16560	10.43	ug/l	93
24) cis-1,2-Dichloroethene	3.592	61	33309	9.12	ug/l	97
25) Bromochloromethane	3.779	49	14511	6.53	ug/l	98
26) 2,2-Dichloropropane	3.582	77	22303	9.57	ug/l	91
27) 1,4-Dioxane	4.846	88	9824	464.11	ug/l	79
28) 1,1-Dichloropropene	4.088	75	23201	9.50	ug/l	92
29) Chloroform	3.842	83	27826	9.11	ug/l	98
31) Cyclohexane	4.016	56	21246	8.42	ug/l	96
33) 1,2-Dichloroethane	4.239	62	28728	10.13	ug/l	98
34) 2-Butanone	3.602	43	9878	7.68	ug/l	93
35) 1,1,1-Trichloroethane	3.974	97	21562	10.02	ug/l	93
36) Carbon Tetrachloride	4.088	117	16930	9.94	ug/l	88
37) Vinyl Acetate	3.158	43	66583	7.92	ug/l	100
38) Bromodichloromethane	4.924	83	22953	9.11	ug/l	92
39) Methylcyclohexane	4.744	83	19535	9.57	ug/l	95
40) Dibromomethane	4.840	174	12849	8.70	ug/l	93
41) 1,2-Dichloropropane	4.762	63	17836	8.10	ug/l	99
42) Trichloroethene	4.624	130	17636	9.87	ug/l	92
43) Benzene	4.227	78	62184	9.40	ug/l	100
44) tert-Amyl methyl ether	4.287	73	42254	8.92	ug/l	87
46) Dibromochloromethane	5.869	129	15800	8.87	ug/l	95
47) 2-Chloroethylvinylether	5.093	63	10465	8.13	ug/l	87
48) cis-1,3-Dichloropropene	5.189	75	26856	8.71	ug/l	99
49) trans-1,3-Dichloropropene	5.514	75	24554	8.92	ug/l	95
50) 1,1,2-Trichloroethane	5.628	97	14381	9.06	ug/l	94
51) 1,2-Dibromoethane	5.947	107	16806	9.17	ug/l	89
52) 1,3-Dichloropropane	5.730	76	27100	9.10	ug/l	91
53) 4-Methyl-2-Pentanone	5.273	43	17996	7.39	ug/l	97
54) 2-Hexanone	5.761	43	12287	6.88	ug/l	97
55) Tetrachloroethene	5.718	164	13294	9.39	ug/l	90
57) Toluene	5.394	92	38718	9.49	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.272	133	14315	10.26	ug/l	92
59) Chlorobenzene	6.230	112	44229	10.17	ug/l	99
61) Bromoform	6.729	173	10460	8.64	ug/l	98
62) Ethylbenzene	6.278	106	17552	9.93	ug/l	88
63) 1,1,2,2-Tetrachloroethane	6.976	83	17567	9.16	ug/l	94
65) Styrene	6.591	104	44178	10.34	ug/l	90
66) m&p-Xylenes	6.344	106	52333	21.60	ug/l	96

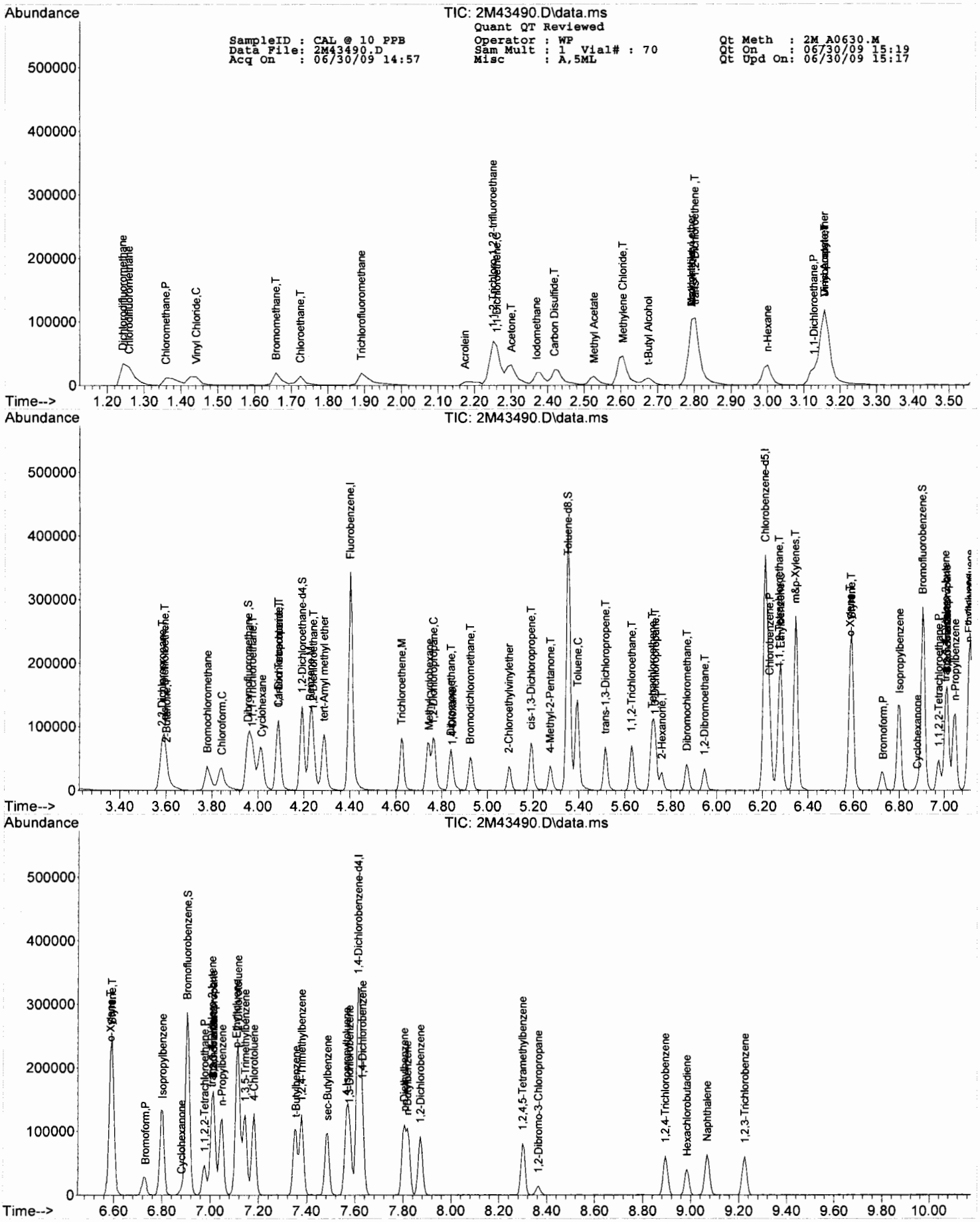
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43490.D Sam Mult : 1 Vial# : 70 Qt On : 06/30/09 15:19
Acq On : 06/30/09 14:57 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.585	106	25825	10.36 ug/l	69
68) trans-1,4-Dichloro-2-b...	7.006	53	5781	8.55 ug/l	88
69) 1,3-Dichlorobenzene	7.577	146	29736	10.17 ug/l	95
70) 1,4-Dichlorobenzene	7.631	146	31623	10.29 ug/l	86
71) 1,2-Dichlorobenzene	7.872	146	28955	10.39 ug/l	94
72) Isopropylbenzene	6.801	105	63286	10.55 ug/l	98
73) Cyclohexanone	6.879	55	3279	41.66 ug/l	94
74) 1,2,3-Trichloropropane	7.012	75	24051	9.79 ug/l	92
75) 2-Chlorotoluene	7.114	91	45648	11.07 ug/l	97
76) p-Ethyltoluene	7.108	105	64113	9.89 ug/l	96
77) 4-Chlorotoluene	7.180	91	45416	11.64 ug/l	96
78) n-Propylbenzene	7.048	91	74606	10.62 ug/l	98
79) Bromobenzene	7.012	77	42044	10.11 ug/l	85
80) 1,3,5-Trimethylbenzene	7.144	105	50303	10.57 ug/l	98
81) t-Butylbenzene	7.355	119	43060	10.42 ug/l	93
82) 1,2,4-Trimethylbenzene	7.379	105	52032	10.75 ug/l	88
83) sec-Butylbenzene	7.487	105	51535	10.03 ug/l	97
84) 4-Isopropyltoluene	7.565	119	42644	10.83 ug/l	97
85) n-Butylbenzene	7.818	91	49046	10.44 ug/l	98
86) p-Diethylbenzene	7.806	119	25448	9.63 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.299	119	34582	9.30 ug/l	96
88) 1,2-Dibromo-3-Chloropr...	8.365	157	2746	8.72 ug/l	66
89) Hexachlorobutadiene	8.985	225	7210	9.90 ug/l	95
90) 1,2,4-Trichlorobenzene	8.895	180	15882	10.28 ug/l	95
91) 1,2,3-Trichlorobenzene	9.225	180	16416	11.07 ug/l	98
92) Naphthalene	9.069	128	41961	11.60 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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TIC: 2M43490.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 2M43490.D
Acq On : 06/30/09 14:57
Operator : WP
Sam Mult : 1 Vial# : 70
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 06/30/09 15:19
Qt Upd On: 06/30/09 15:17
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 2M43490.D\data.ms
Fluorobenzene,I
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
Time-->

Abundance
TIC: 2M43490.D\data.ms
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Bromoform,P
Isopropylbenzene
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43488.D Sam Mult : 1 Vial# : 68 Qt On : 06/30/09 15:19
Acq On : 06/30/09 14:25 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.401	96	187817	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.211	117	136656	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.619	152	67906	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.955	111	51860	32.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.70%			
32) 1,2-Dichloroethane-d4	4.190	102	11691	29.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.23%			
56) Toluene-d8	5.351	100	117360	29.34	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.80%			
64) Bromofluorobenzene	6.903	174	60577	28.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.03%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.243	51	255152	80.44	ug/l	62
3) Dichlorodifluoromethane	1.243	85	127714	65.98	ug/l	95
4) Chloromethane	1.359	50	132396	65.51	ug/l	97
5) Bromomethane	1.659	94	58972	72.02	ug/l	98
6) Vinyl Chloride	1.426	62	108853	67.44	ug/l	96
7) Chloroethane	1.725	64	61357	80.22	ug/l	92
8) Trichlorofluoromethane	1.892	101	162765	80.27	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.250	101	107589	71.03	ug/l	92
10) Methylene Chloride	2.595	84	118315	50.40	ug/l	91
11) Acrolein	2.175	56	46049	181.35	ug/l	99
12) Acrylonitrile	2.783	53	46528	60.02	ug/l	94
13) Iodomethane	2.369	142	151975	107.39	ug/l	92
14) Acetone	2.300	43	207158	270.47	ug/l	96
15) Carbon Disulfide	2.418	76	248236	187.44	ug/l	100
16) t-Butyl Alcohol	2.674	59	59830	330.10	ug/l	97
17) n-Hexane	3.000	57	83865	67.48	ug/l	87
18) Di-isopropyl-ether	3.157	45	445525	51.33	ug/l	91
19) 1,1-Dichloroethene	2.260	61	207913	63.05	ug/l	98
20) Methyl Acetate	2.526	43	106540	51.60	ug/l	100
21) Methyl-t-butyl ether	2.793	73	312939	66.33	ug/l	95
22) 1,1-Dichloroethane	3.128	63	208082	55.41	ug/l	98
23) trans-1,2-Dichloroethene	2.802	96	102673	64.18	ug/l	92
24) cis-1,2-Dichloroethene	3.591	61	198730	54.03	ug/l	96
25) Bromochloromethane	3.778	49	85572	38.25	ug/l	96
26) 2,2-Dichloropropane	3.581	77	147266	62.71	ug/l	95
27) 1,4-Dioxane	4.846	88	60046	2815.65	ug/l	91
28) 1,1-Dichloropropene	4.088	75	140607	57.16	ug/l	96
29) Chloroform	3.841	83	180556	58.68	ug/l	100
31) Cyclohexane	4.009	56	144049	56.69	ug/l	93
33) 1,2-Dichloroethane	4.238	62	160679	56.22	ug/l	98
34) 2-Butanone	3.591	43	61413	47.37	ug/l	90
35) 1,1,1-Trichloroethane	3.973	97	133002	61.34	ug/l	99
36) Carbon Tetrachloride	4.088	117	107484	62.66	ug/l	87
37) Vinyl Acetate	3.157	43	436551	51.52	ug/l	100
38) Bromodichloromethane	4.924	83	146178	57.60	ug/l	98
39) Methylcyclohexane	4.737	83	119385	58.03	ug/l	93
40) Dibromomethane	4.840	174	74151	49.84	ug/l	94
41) 1,2-Dichloropropane	4.767	63	104743	47.24	ug/l	96
42) Trichloroethene	4.623	130	101724	56.52	ug/l	97
43) Benzene	4.226	78	357901	53.73	ug/l	100
44) tert-Amyl methyl ether	4.286	73	261412	54.80	ug/l	85
46) Dibromochloromethane	5.868	129	104751	57.78	ug/l	99
47) 2-Chloroethylvinylether	5.092	63	69172	52.85	ug/l	89
48) cis-1,3-Dichloropropene	5.189	75	176552	56.30	ug/l	96
49) trans-1,3-Dichloropropene	5.513	75	163299	58.31	ug/l	97
50) 1,1,2-Trichloroethane	5.628	97	87663	54.28	ug/l	96
51) 1,2-Dibromoethane	5.946	107	103533	55.54	ug/l	92
52) 1,3-Dichloropropane	5.730	76	161821	53.39	ug/l	97
53) 4-Methyl-2-Pentanone	5.273	43	114167	46.11	ug/l	98
54) 2-Hexanone	5.760	43	83858	46.17	ug/l	99
55) Tetrachloroethene	5.718	164	78620	54.60	ug/l	99
57) Toluene	5.393	92	225016	54.21	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.271	133	82497	58.15	ug/l	92
59) Chlorobenzene	6.229	112	249094	56.32	ug/l	97
61) Bromoform	6.728	173	74090	58.29	ug/l	98
62) Ethylbenzene	6.277	106	99440	53.56	ug/l	85
63) 1,1,2,2-Tetrachloroethane	6.975	83	113716	56.49	ug/l	90
65) Styrene	6.590	104	269448	60.05	ug/l	99
66) m&p-Xylenes	6.343	106	291155	114.44	ug/l	95

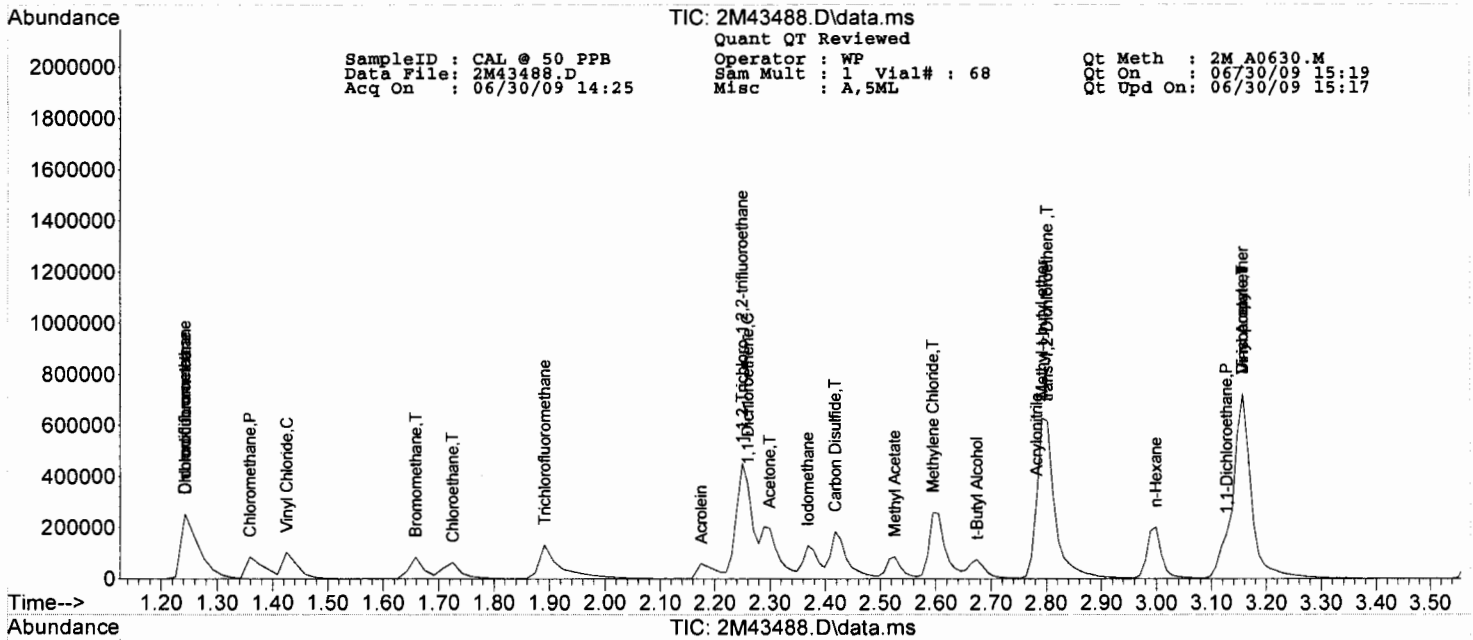
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43488.D Sam Mult : 1 Vial# : 68 Qt On : 06/30/09 15:19
Acq On : 06/30/09 14:25 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	o-Xylene	6.584	106	145935	55.75	ug/l	81
68)	trans-1,4-Dichloro-2-b...	7.005	53	43507	61.26	ug/l	85
69)	1,3-Dichlorobenzene	7.577	146	174225	56.77	ug/l	95
70)	1,4-Dichlorobenzene	7.631	146	182206	56.46	ug/l	94
71)	1,2-Dichlorobenzene	7.871	146	170851	58.39	ug/l	96
72)	Isopropylbenzene	6.801	105	373857	59.35	ug/l	98
73)	Cyclohexanone	6.879	55	21775	263.48	ug/l	97
74)	1,2,3-Trichloropropane	7.011	75	153622	59.54	ug/l	92
75)	2-Chlorotoluene	7.113	91	244480	56.47	ug/l	95
76)	p-Ethyltoluene	7.113	105	364139	53.48	ug/l	97
77)	4-Chlorotoluene	7.180	91	252992	61.74	ug/l	98
78)	n-Propylbenzene	7.047	91	437784	59.34	ug/l	100
79)	Bromobenzene	7.011	77	244020	55.88	ug/l	86
80)	1,3,5-Trimethylbenzene	7.144	105	302752	60.57	ug/l	95
81)	t-Butylbenzene	7.354	119	260703	60.08	ug/l	93
82)	1,2,4-Trimethylbenzene	7.378	105	308722	60.74	ug/l	89
83)	sec-Butylbenzene	7.486	105	322468	59.80	ug/l	95
84)	4-Isopropyltoluene	7.565	119	258745	62.58	ug/l	97
85)	n-Butylbenzene	7.823	91	297672	60.36	ug/l	98
86)	p-Diethylbenzene	7.805	119	158635	57.16	ug/l	95
87)	1,2,4,5-Tetramethylben...	8.298	119	219461	56.19	ug/l	100
88)	1,2-Dibromo-3-Chloropr...	8.365	157	22308	67.51	ug/l	84
89)	Hexachlorobutadiene	8.984	225	42409	55.47	ug/l	99
90)	1,2,4-Trichlorobenzene	8.894	180	96144	59.30	ug/l	99
91)	1,2,3-Trichlorobenzene	9.225	180	92446	59.35	ug/l	98
92)	Naphthalene	9.068	128	250516	65.94	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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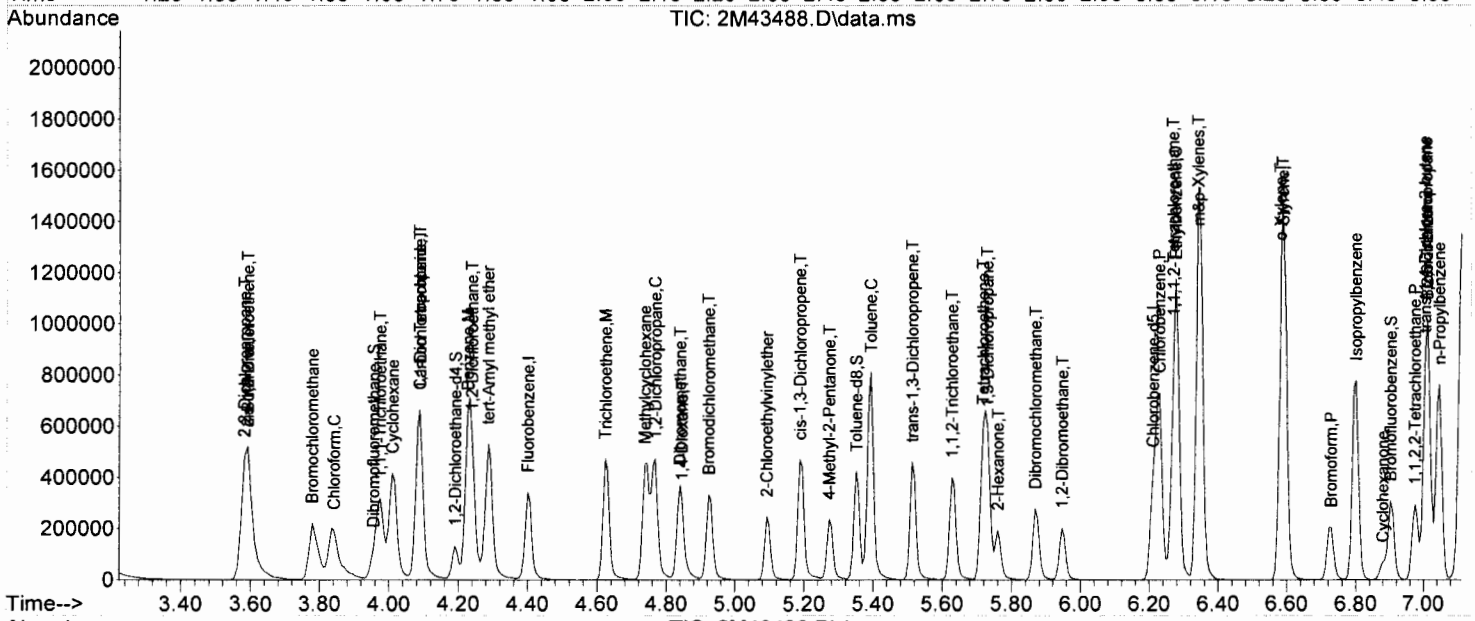
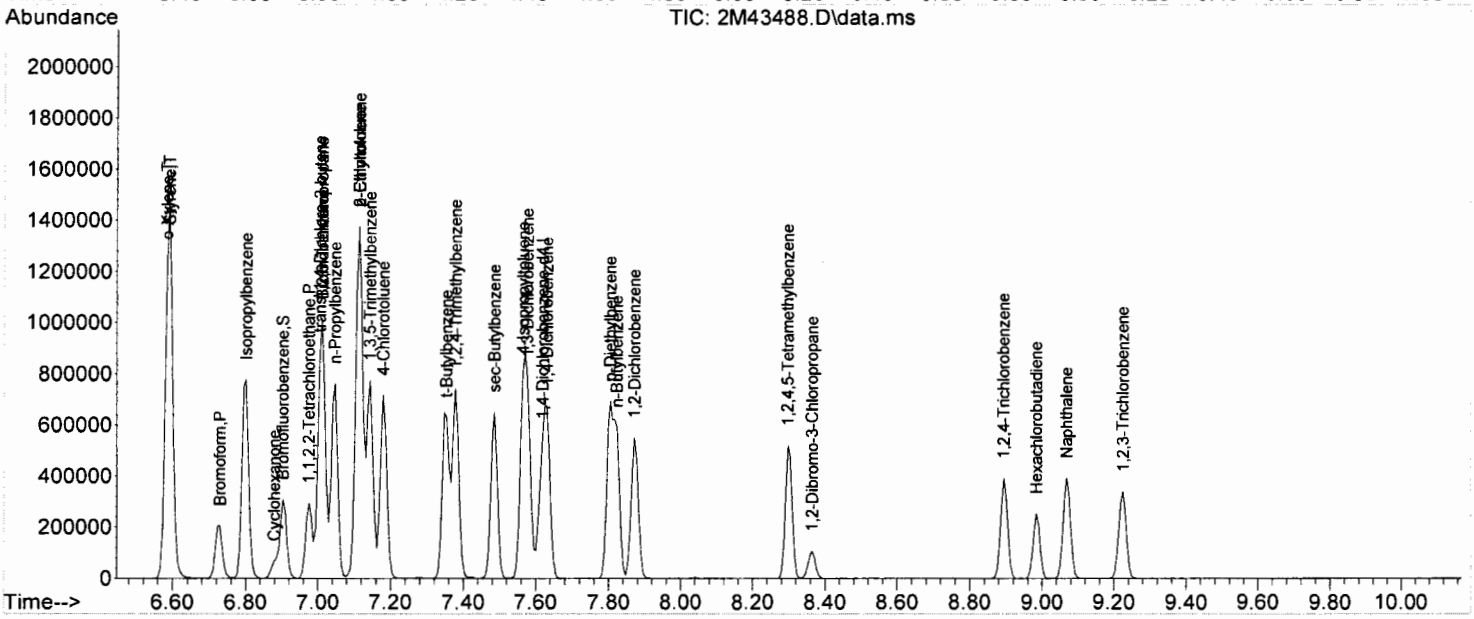
SampleID : CAL @ 50 PPB
Data File: 2M43488.D
Acq On : 06/30/09 14:25
Operator : WP
Sam Mult : 1 Vial# : 68
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 06/30/09 15:19
Qt Upd On: 06/30/09 15:17
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile,T
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 2M43488.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
1,2-Dichloropropane,C
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
Time-->


Abundance
TIC: 2M43488.D\data.ms
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,2,4-Trimethylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43487.D Sam Mult : 1 Vial# : 67 Qt On : 06/30/09 15:19
Acq On : 06/30/09 14:09 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.400	96	190055	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.211	117	137438	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.619	152	67145	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.955	111	50165	31.46	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.87%			
32) 1,2-Dichloroethane-d4	4.190	102	11187	27.59	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.97%			
56) Toluene-d8	5.351	100	118751	29.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.40%			
64) Bromofluorobenzene	6.909	174	60364	28.73	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.77%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.242	51	514373	160.25	ug/l	61
3) Dichlorodifluoromethane	1.242	85	252474	128.89	ug/l	93
4) Chloromethane	1.359	50	272484	133.23	ug/l	97
5) Bromomethane	1.658	94	104353	125.94	ug/l	98
6) Vinyl Chloride	1.425	62	223823	137.03	ug/l	98
7) Chloroethane	1.725	64	122242	157.95	ug/l	96
8) Trichlorofluoromethane	1.891	101	319462	155.68	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.241	101	213047	139.00	ug/l	91
10) Methylene Chloride	2.596	84	246364	103.71	ug/l	94
11) Acrolein	2.174	56	94272	366.89	ug/l	98
12) Acrylonitrile	2.783	53	97219	123.93	ug/l	100
13) Iodomethane	2.369	142	318697	222.54	ug/l	94
14) Acetone	2.300	43	436672	563.42	ug/l	98
15) Carbon Disulfide	2.418	76	529434	395.06	ug/l	100
16) t-Butyl Alcohol	2.675	59	130137	709.56	ug/l	98
17) n-Hexane	2.990	57	170743	135.76	ug/l	88
18) Di-isopropyl-ether	3.158	45	947377	107.86	ug/l	90
19) 1,1-Dichloroethene	2.251	61	430119	128.90	ug/l	91
20) Methyl Acetate	2.517	43	223476	106.97	ug/l	100
21) Methyl-t-butyl ether	2.793	73	647262	135.59	ug/l	96
22) 1,1-Dichloroethane	3.128	63	426916	112.35	ug/l	100
23) trans-1,2-Dichloroethene	2.803	96	208749	128.94	ug/l	88
24) cis-1,2-Dichloroethene	3.591	61	442552	118.90	ug/l	93
25) Bromochloromethane	3.779	49	180956	79.92	ug/l	95
26) 2,2-Dichloropropane	3.582	77	323471	136.12	ug/l	93
27) 1,4-Dioxane	4.846	88	126844	5877.87	ug/l	88
28) 1,1-Dichloropropene	4.088	75	281372	113.03	ug/l	98
29) Chloroform	3.835	83	379239	121.79	ug/l	96
31) Cyclohexane	4.009	56	296384	115.27	ug/l	93
33) 1,2-Dichloroethane	4.244	62	321261	111.07	ug/l	100
34) 2-Butanone	3.591	43	138317	105.42	ug/l	90
35) 1,1,1-Trichloroethane	3.973	97	271971	123.96	ug/l	99
36) Carbon Tetrachloride	4.088	117	216428	124.68	ug/l	97
37) Vinyl Acetate	3.158	43	936915	109.27	ug/l	100
38) Bromodichloromethane	4.924	83	297046	115.67	ug/l	98
39) Methylcyclohexane	4.737	83	235236	113.00	ug/l	94
40) Dibromomethane	4.840	174	151468	100.61	ug/l	96
41) 1,2-Dichloropropane	4.767	63	220544	98.29	ug/l	95
42) Trichloroethene	4.623	130	201851	110.82	ug/l	99
43) Benzene	4.226	78	715120	106.09	ug/l	100
44) tert-Amyl methyl ether	4.286	73	536222	111.08	ug/l	85
46) Dibromochloromethane	5.868	129	221565	121.53	ug/l	95
47) 2-Chloroethylvinylether	5.092	63	143991	109.39	ug/l	91
48) cis-1,3-Dichloropropene	5.188	75	371545	117.81	ug/l	96
49) trans-1,3-Dichloropropene	5.513	75	348445	123.71	ug/l	99
50) 1,1,2-Trichloroethane	5.628	97	180674	111.23	ug/l	96
51) 1,2-Dibromoethane	5.946	107	215574	115.00	ug/l	95
52) 1,3-Dichloropropane	5.730	76	324293	106.38	ug/l	95
53) 4-Methyl-2-Pentanone	5.273	43	244493	98.19	ug/l	97
54) 2-Hexanone	5.760	43	175526	96.10	ug/l	96
55) Tetrachloroethene	5.718	164	153430	105.96	ug/l	97
57) Toluene	5.393	92	455644	109.14	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.271	133	165815	116.21	ug/l	95
59) Chlorobenzene	6.229	112	505348	113.62	ug/l	96
61) Bromoform	6.728	173	161577	128.57	ug/l	98
62) Ethylbenzene	6.283	106	192512	104.87	ug/l	97
63) 1,1,2,2-Tetrachloroethane	6.975	83	238349	119.75	ug/l	89
65) Styrene	6.596	104	531361	119.77	ug/l	95
66) m&p-Xylenes	6.343	106	560164	222.67	ug/l	91

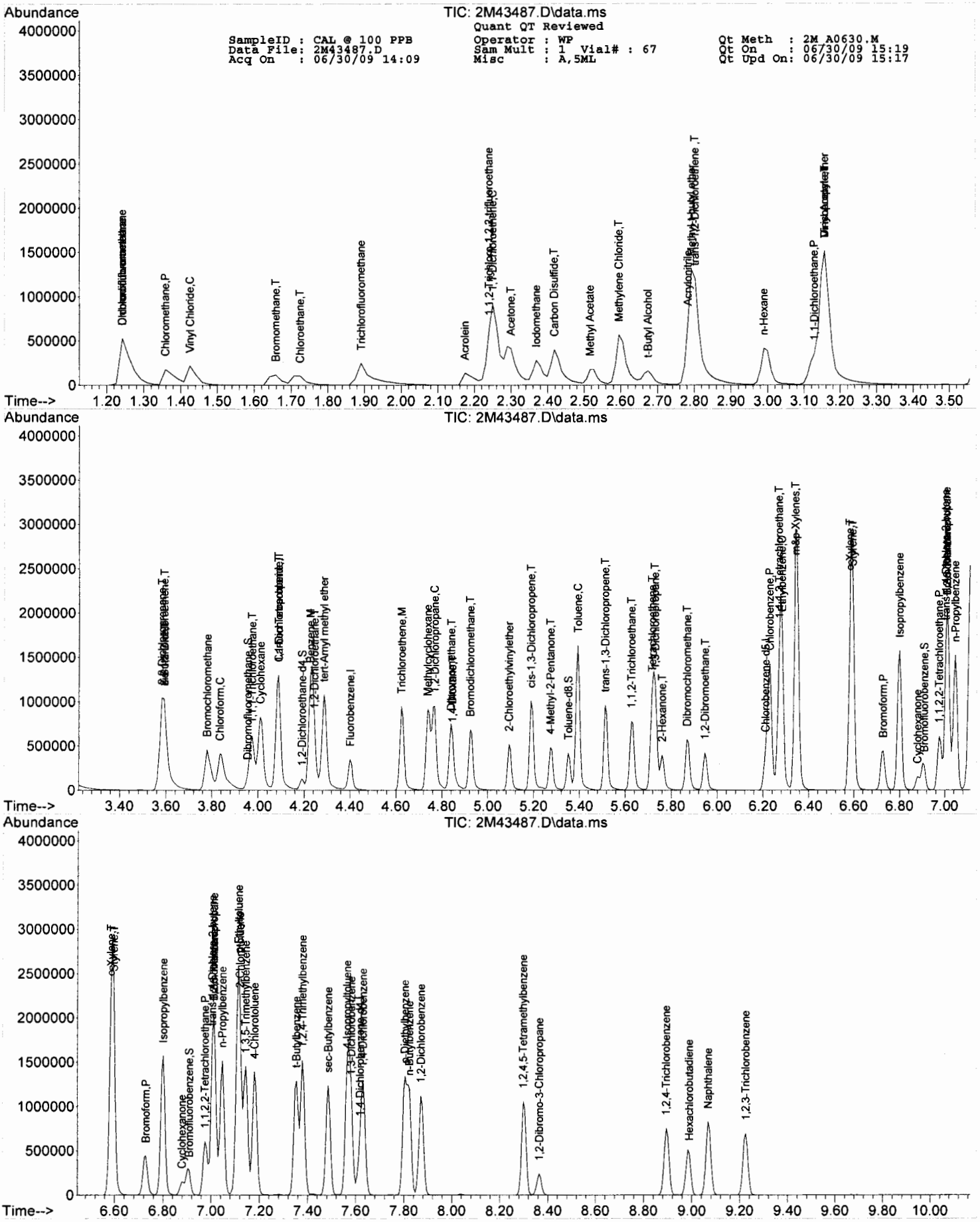
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43487.D Sam Mult : 1 Vial# : 67 Qt On : 06/30/09 15:19
Acq On : 06/30/09 14:09 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.584	106	287517	111.09 ug/l	83
68) trans-1,4-Dichloro-2-b...	7.005	53	89983	128.14 ug/l	86
69) 1,3-Dichlorobenzene	7.583	146	346918	114.33 ug/l	96
70) 1,4-Dichlorobenzene	7.631	146	369782	115.88 ug/l	97
71) 1,2-Dichlorobenzene	7.871	146	340106	117.54 ug/l	95
72) Isopropylbenzene	6.801	105	741549	119.06 ug/l	98
73) Cyclohexanone	6.879	55	45794	560.40 ug/l	98
74) 1,2,3-Trichloropropane	7.011	75	320091	125.46 ug/l	90
75) 2-Chlorotoluene	7.119	91	470144	109.82 ug/l	98
76) p-Ethyltoluene	7.113	105	694901	103.22 ug/l	95
77) 4-Chlorotoluene	7.180	91	483934	119.43 ug/l	97
78) n-Propylbenzene	7.047	91	889281	121.90 ug/l	99
79) Bromobenzene	7.011	77	494673	114.57 ug/l	85
80) 1,3,5-Trimethylbenzene	7.144	105	593811	120.15 ug/l	95
81) t-Butylbenzene	7.354	119	521284	121.50 ug/l	94
82) 1,2,4-Trimethylbenzene	7.378	105	608021	120.97 ug/l	90
83) sec-Butylbenzene	7.486	105	632916	118.70 ug/l	96
84) 4-Isopropyltoluene	7.565	119	506501	123.89 ug/l	97
85) n-Butylbenzene	7.823	91	596200	122.25 ug/l	98
86) p-Diethylbenzene	7.805	119	314797	114.70 ug/l	96
87) 1,2,4,5-Tetramethylben...	8.298	119	451493	116.92 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.365	157	50185	153.58 ug/l	85
89) Hexachlorobutadiene	8.990	225	88431	116.97 ug/l	98
90) 1,2,4-Trichlorobenzene	8.894	180	196821	122.77 ug/l	99
91) 1,2,3-Trichlorobenzene	9.225	180	184794	119.98 ug/l	96
92) Naphthalene	9.068	128	526836	140.24 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 2M43487.D
Acq On : 06/30/09 14:09
Operator : WP
Sam Mult : 1 Vial# : 67
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 06730/09 15:19
Qt Upd On: 06/30/09 15:17
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Bromobenzene,T
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43486.D Sam Mult : 1 Vial# : 66 Qt On : 06/30/09 15:19
Acq On : 06/30/09 13:53 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.400	96	189434	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.211	117	130877	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.618	152	65782	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.955	111	49877	31.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.60%			
32) 1,2-Dichloroethane-d4	4.190	102	11177	27.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.17%			
56) Toluene-d8	5.351	100	117444	30.66	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.20%			
64) Bromofluorobenzene	6.909	174	60764	29.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.40%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.242	51	1257633	393.10	ug/l	60
3) Dichlorodifluoromethane	1.242	85	604071	309.39	ug/l	94
4) Chloromethane	1.359	50	688967	337.97	ug/l	97
5) Bromomethane	1.641	94	105122	127.29	ug/l	99
6) Vinyl Chloride	1.425	62	580043	356.29	ug/l	96
7) Chloroethane	1.708	64	284353	368.61	ug/l	96
8) Trichlorofluoromethane	1.891	101	788806	385.67	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.242	101	517478	338.73	ug/l	90
10) Methylene Chloride	2.597	84	613694	259.19	ug/l	95
11) Acrolein	2.174	56	232583	908.13	ug/l	96
12) Acrylonitrile	2.784	53	237512	303.75	ug/l	92
13) Iodomethane	2.370	142	798197	559.19	ug/l	94
14) Acetone	2.291	43	1041574	1348.31	ug/l	99
15) Carbon Disulfide	2.419	76	1383852	1036.01	ug/l	100
16) t-Butyl Alcohol	2.676	59	323252	1768.27	ug/l	100
17) n-Hexane	2.991	57	439480	350.59	ug/l	90
18) Di-isopropyl-ether	3.159	45	2346103	267.98	ug/l	87
19) 1,1-Dichloroethene	2.252	61	1169969	351.78	ug/l	92
20) Methyl Acetate	2.518	43	565600	271.62	ug/l	100
21) Methyl-t-butyl ether	2.794	73	1529548	321.46	ug/l	95
22) 1,1-Dichloroethane	3.129	63	1055956	278.79	ug/l	97
23) trans-1,2-Dichloroethene	2.804	96	501419	310.74	ug/l	92
24) cis-1,2-Dichloroethene	3.583	61	1041891	280.84	ug/l	88
25) Bromochloromethane	3.780	49	470795	208.62	ug/l	95
26) 2,2-Dichloropropane	3.583	77	755601	319.00	ug/l	93
27) 1,4-Dioxane	4.845	88	278139	12931.03	ug/l	82
28) 1,1-Dichloropropene	4.087	75	652885	263.14	ug/l	98
29) Chloroform	3.841	83	919878	296.39	ug/l	99
31) Cyclohexane	4.009	56	745701	290.98	ug/l	90
33) 1,2-Dichloroethane	4.244	62	755247	261.98	ug/l	99
34) 2-Butanone	3.593	43	317334	242.66	ug/l	86
35) 1,1,1-Trichloroethane	3.973	97	666463	304.76	ug/l	97
36) Carbon Tetrachloride	4.087	117	508038	293.62	ug/l	90
37) Vinyl Acetate	3.149	43	2358609	275.97	ug/l	100
38) Bromodichloromethane	4.923	83	720799	281.59	ug/l	97
39) Methylcyclohexane	4.743	83	563806	271.72	ug/l	91
40) Dibromomethane	4.839	174	348867	232.48	ug/l	96
41) 1,2-Dichloropropane	4.767	63	532669	238.17	ug/l	98
42) Trichloroethene	4.623	130	461378	254.14	ug/l	99
43) Benzene	4.226	78	1688817	251.36	ug/l	100
44) tert-Amyl methyl ether	4.286	73	1297451	269.65	ug/l	85
46) Dibromochloromethane	5.874	129	538592	310.23	ug/l	99
47) 2-Chloroethylvinylether	5.092	63	345522	275.65	ug/l	89
48) cis-1,3-Dichloropropene	5.194	75	876856	291.96	ug/l	96
49) trans-1,3-Dichloropropene	5.513	75	816334	304.35	ug/l	98
50) 1,1,2-Trichloroethane	5.627	97	419127	270.98	ug/l	95
51) 1,2-Dibromoethane	5.946	107	506875	283.94	ug/l	93
52) 1,3-Dichloropropane	5.729	76	750157	258.42	ug/l	95
53) 4-Methyl-2-Pentanone	5.272	43	583896	246.24	ug/l	99
54) 2-Hexanone	5.760	43	420279	241.63	ug/l	96
55) Tetrachloroethene	5.717	164	340946	247.25	ug/l	99
57) Toluene	5.393	92	1018225	256.13	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.271	133	351056	258.36	ug/l	92
59) Chlorobenzene	6.229	112	1109612	261.98	ug/l	97
61) Bromoform	6.728	173	391792	318.21	ug/l	99
62) Ethylbenzene	6.283	106	391360	217.60	ug/l	84
63) 1,1,2,2-Tetrachloroethane	6.981	83	572365	293.52	ug/l	89
65) Styrene	6.596	104	1072077	246.65	ug/l	97
66) m&p-Xylenes	6.349	106	1090367	442.42	ug/l	89

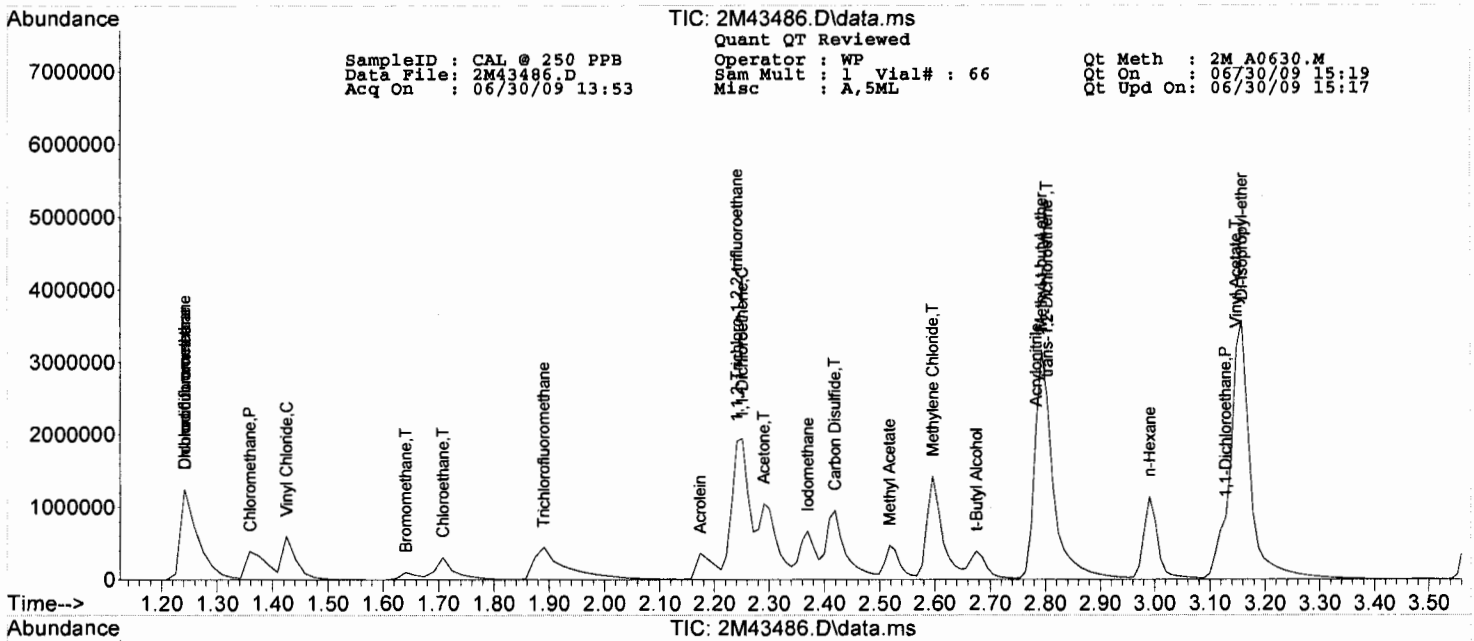
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43486.D Sam Mult : 1 Vial# : 66 Qt On : 06/30/09 15:19
Acq On : 06/30/09 13:53 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.590	106	577925	227.91	ug/l	83
68) trans-1,4-Dichloro-2-b...	7.011	53	203024	295.10	ug/l	82
69) 1,3-Dichlorobenzene	7.582	146	746729	251.19	ug/l	94
70) 1,4-Dichlorobenzene	7.630	146	828583	265.03	ug/l	97
71) 1,2-Dichlorobenzene	7.877	146	788878	278.29	ug/l	96
72) Isopropylbenzene	6.800	105	1623708	266.10	ug/l	98
73) Cyclohexanone	6.884	55	107804	1346.57	ug/l	97
74) 1,2,3-Trichloropropane	7.011	75	697000	278.84	ug/l	88
75) 2-Chlorotoluene	7.119	91	914601	218.06	ug/l	96
76) p-Ethyltoluene	7.113	105	1491692	226.16	ug/l	96
77) 4-Chlorotoluene	7.185	91	1072664	270.22	ug/l	98
78) n-Propylbenzene	7.047	91	1998888	279.69	ug/l	99
79) Bromobenzene	7.011	77	997577	235.83	ug/l	87
80) 1,3,5-Trimethylbenzene	7.143	105	1218467	251.65	ug/l	96
81) t-Butylbenzene	7.354	119	1152616	274.22	ug/l	93
82) 1,2,4-Trimethylbenzene	7.384	105	1349927	274.15	ug/l	90
83) sec-Butylbenzene	7.486	105	1448353	277.26	ug/l	95
84) 4-Isopropyltoluene	7.564	119	1094165	273.17	ug/l	96
85) n-Butylbenzene	7.823	91	1363637	285.42	ug/l	98
86) p-Diethylbenzene	7.805	119	705667	262.46	ug/l	93
87) 1,2,4,5-Tetramethylben...	8.304	119	1033849	273.27	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.364	157	120641	376.85	ug/l	81
89) Hexachlorobutadiene	8.990	225	201505	272.07	ug/l	98
90) 1,2,4-Trichlorobenzene	8.900	180	462926	294.74	ug/l	100
91) 1,2,3-Trichlorobenzene	9.224	180	443414	293.86	ug/l	98
92) Naphthalene	9.068	128	1250528	339.78	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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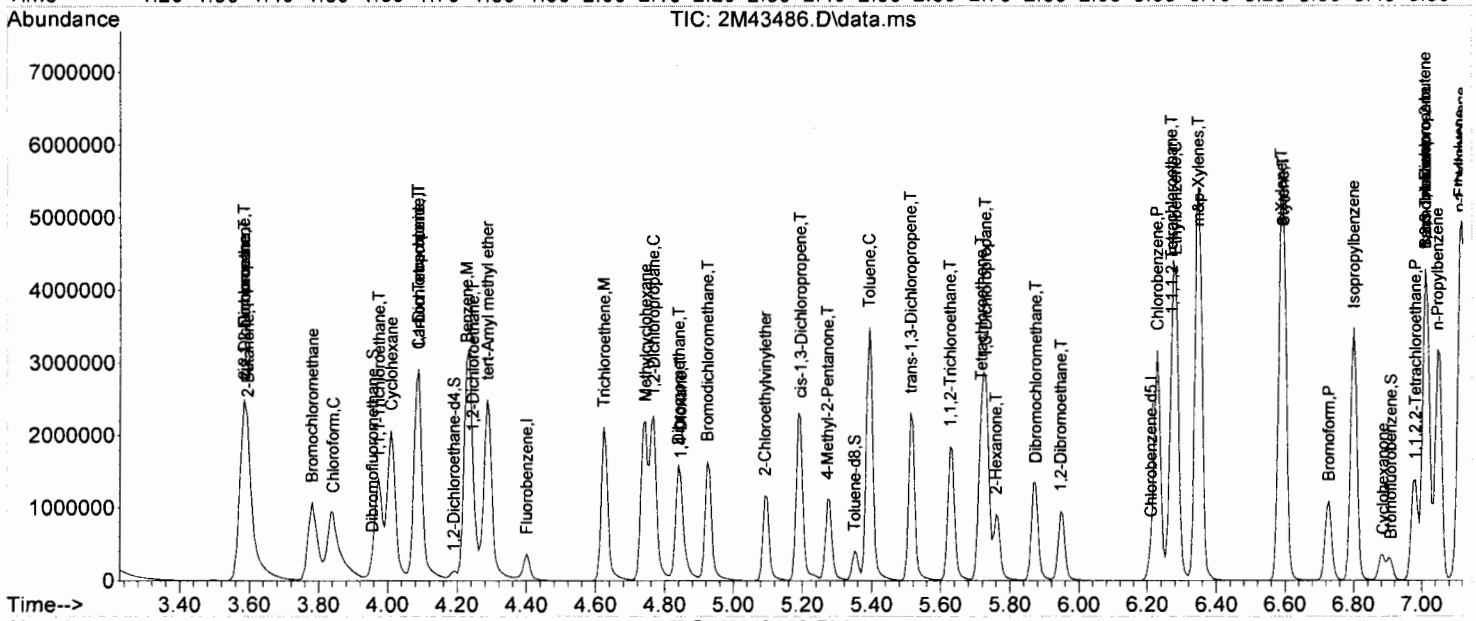
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 2M43486.D
Acq On : 06/30/09 13:53
Operator : WP
Sam Mult : 1 Vial# : 66
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 06/30/09 15:19
Qt Upd On: 06/30/09 15:17
Abundance
Time-->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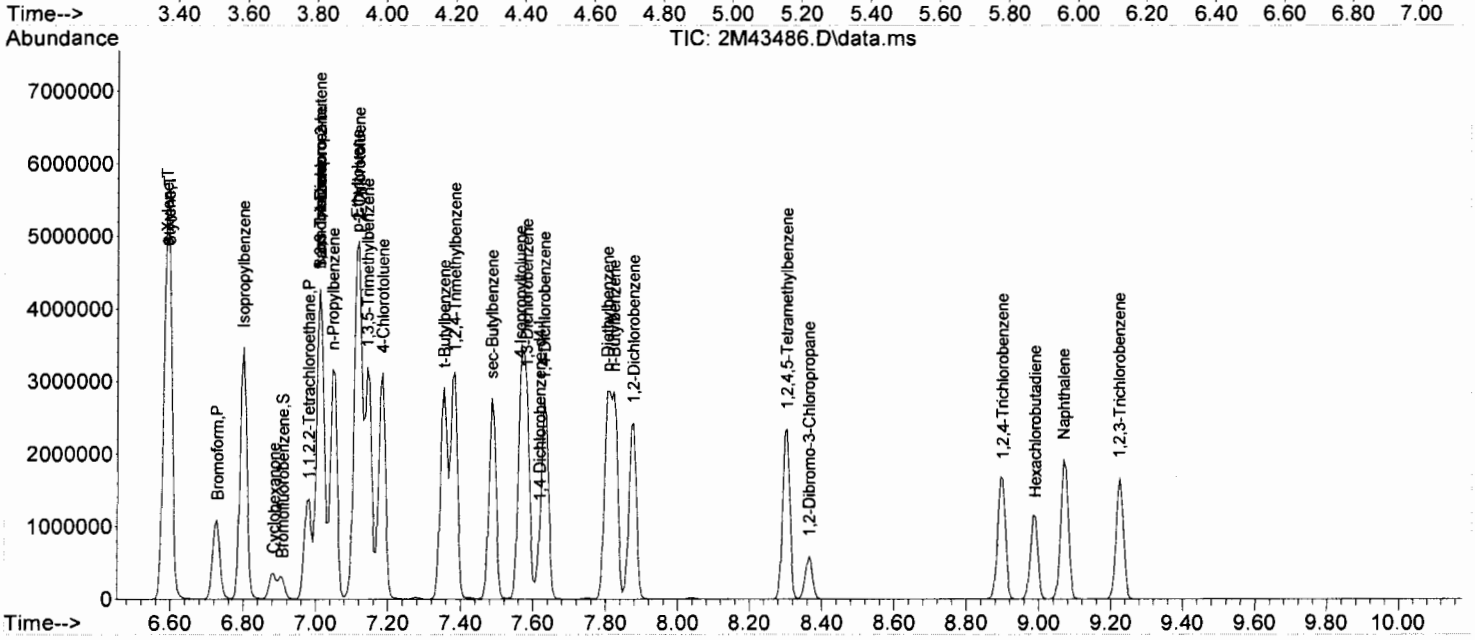
Abundance
Time-->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Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43485.D Sam Mult : 1 Vial# : 65 Qt On : 06/30/09 15:18
Acq On : 06/30/09 13:36 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.401	96	194250	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.211	117	122511	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.619	152	59637	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.955	111	50415	30.93	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.10%			
32) 1,2-Dichloroethane-d4	4.190	102	11863	28.62	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.40%			
56) Toluene-d8	5.351	100	118772	33.12	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.40%			
64) Bromofluorobenzene	6.909	174	56639	30.35	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.17%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.241	51	2236563	681.75	ug/l	56
3) Dichlorodifluoromethane	1.241	85	1003611	501.29	ug/l	95
4) Chloromethane	1.358	50	1278153	611.45	ug/l	98
5) Bromomethane	1.624	94	76637	90.49	ug/l	100
6) Vinyl Chloride	1.424	62	1096400	656.76	ug/l	97
7) Chloroethane	1.691	64	379127	479.29	ug/l	97
8) Trichlorofluoromethane	1.874	101	1500121	715.27	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.231	101	930985	594.29	ug/l	90
10) Methylene Chloride	2.596	84	1139090	469.16	ug/l	94
11) Acrolein	2.173	56	404041	1538.49	ug/l	99
12) Acrylonitrile	2.783	53	424493	529.42	ug/l	95
13) Iodomethane	2.359	142	1501025	1025.50	ug/l	92
14) Acetone	2.300	43	1883230	2377.38	ug/l	99
15) Carbon Disulfide	2.409	76	2593305	1893.33	ug/l	100
16) t-Butyl Alcohol	2.685	59	568303	3031.69	ug/l	97
17) n-Hexane	2.990	57	825326	642.06	ug/l	88
18) Di-isopropyl-ether	3.158	45	4315700	480.72	ug/l	83
19) 1,1-Dichloroethene	2.241	61	2095389	614.42	ug/l	90
20) Methyl Acetate	2.527	43	999449	468.07	ug/l	100
21) Methyl-t-butyl ether	2.793	73	2658573	544.88	ug/l	94
22) 1,1-Dichloroethane	3.118	63	2014464	518.67	ug/l	98
23) trans-1,2-Dichloroethene	2.793	96	901628	544.90	ug/l	99
24) cis-1,2-Dichloroethene	3.582	61	2007018	527.58	ug/l	86
25) Bromochloromethane	3.779	49	906798	391.86	ug/l	95
26) 2,2-Dichloropropane	3.582	77	1249894	514.60	ug/l	93
27) 1,4-Dioxane	4.846	88	478801	21708.18	ug/l	77
28) 1,1-Dichloropropene	4.088	75	1173994	461.44	ug/l	99
29) Chloroform	3.835	83	1869183	587.33	ug/l	98
31) Cyclohexane	4.010	56	1403650	534.13	ug/l	90
33) 1,2-Dichloroethane	4.244	62	1378268	466.24	ug/l	97
34) 2-Butanone	3.602	43	594218	443.13	ug/l	90
35) 1,1,1-Trichloroethane	3.974	97	1287624	574.20	ug/l	98
36) Carbon Tetrachloride	4.088	117	916828	516.75	ug/l	92
37) Vinyl Acetate	3.158	43	4395438	501.54	ug/l	100
38) Bromodichloromethane	4.924	83	1343262	511.75	ug/l	97
39) Methylcyclohexane	4.744	83	1016809	477.89	ug/l	90
40) Dibromomethane	4.840	174	623558	405.23	ug/l	96
41) 1,2-Dichloropropane	4.768	63	977081	426.05	ug/l	98
42) Trichloroethene	4.623	130	840593	451.55	ug/l	98
43) Benzene	4.226	78	2987892	433.68	ug/l	100
44) tert-Amyl methyl ether	4.292	73	2305430	467.25	ug/l	87
46) Dibromochloromethane	5.874	129	938395	577.42	ug/l	99
47) 2-Chloroethylvinylether	5.098	63	644697	549.44	ug/l	92
48) cis-1,3-Dichloropropene	5.195	75	1585149	563.84	ug/l	97
49) trans-1,3-Dichloropropene	5.519	75	1461848	582.24	ug/l	100
50) 1,1,2-Trichloroethane	5.634	97	734277	507.15	ug/l	95
51) 1,2-Dibromoethane	5.953	107	875536	523.95	ug/l	93
52) 1,3-Dichloropropane	5.736	76	1258188	463.02	ug/l	96
53) 4-Methyl-2-Pentanone	5.279	43	1055413	475.49	ug/l	98
54) 2-Hexanone	5.766	43	732200	449.71	ug/l	98
55) Tetrachloroethene	5.718	164	546475	423.37	ug/l	98
57) Toluene	5.393	92	1734699	466.15	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.271	133	529165	416.04	ug/l	94
59) Chlorobenzene	6.229	112	1799282	453.82	ug/l	100
61) Bromoform	6.729	173	667247	597.77	ug/l	96
62) Ethylbenzene	6.289	106	511488	313.70	ug/l	88
63) 1,1,2,2-Tetrachloroethane	6.981	83	962841	544.64	ug/l	87
65) Styrene	6.602	104	1466425	372.14	ug/l	100
66) m&p-Xylenes	6.350	106	1497529	670.24	ug/l	87

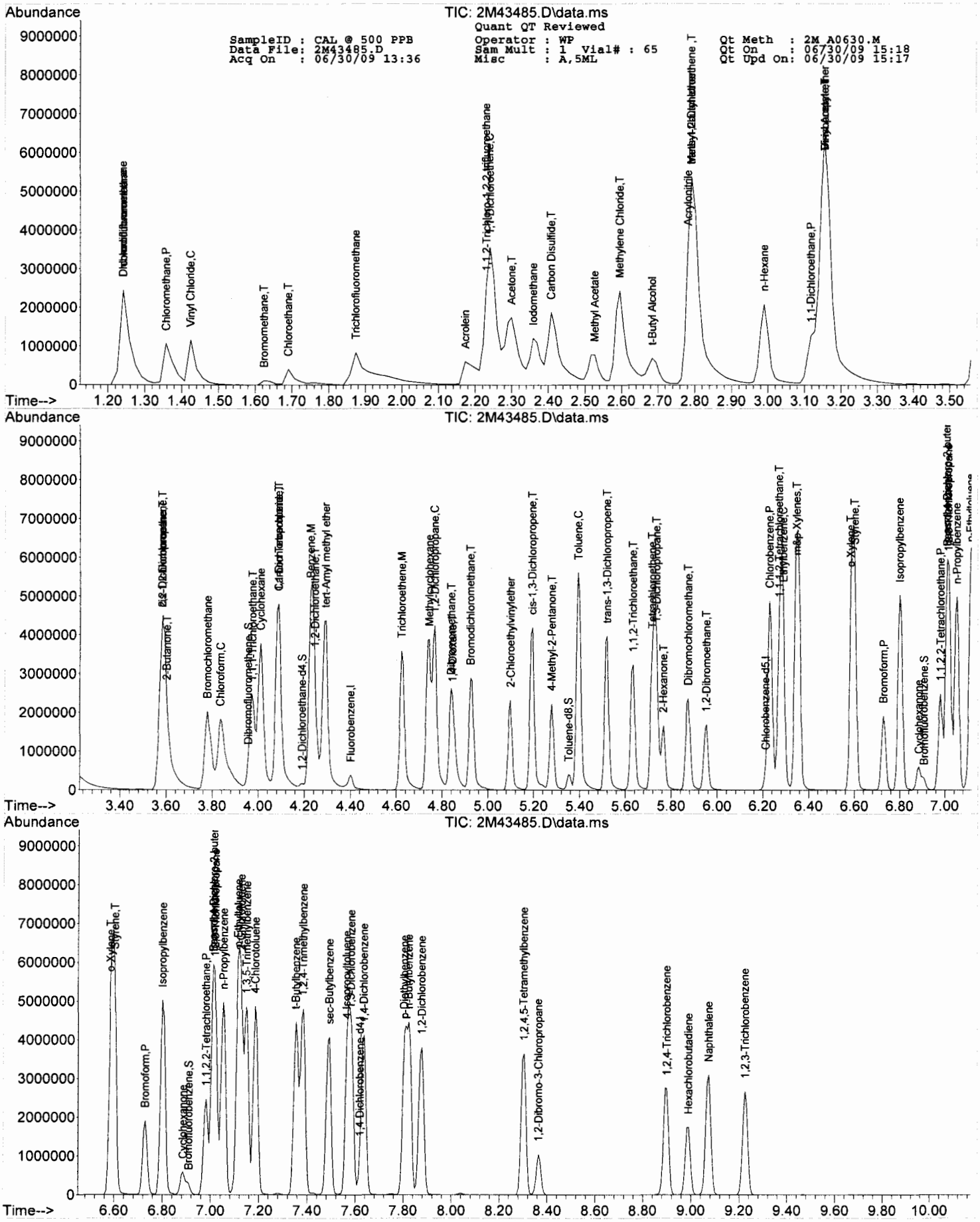
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43485.D Sam Mult : 1 Vial# : 65 Qt On : 06/30/09 15:18
Acq On : 06/30/09 13:36 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	o-Xylene	6.584	106	806139	350.67	ug/l	80
68)	trans-1,4-Dichloro-2-b...	7.011	53	322981	517.84	ug/l	76
69)	1,3-Dichlorobenzene	7.583	146	1116486	414.27	ug/l	94
70)	1,4-Dichlorobenzene	7.637	146	1279874	451.56	ug/l	95
71)	1,2-Dichlorobenzene	7.878	146	1252451	487.36	ug/l	95
72)	Isopropylbenzene	6.801	105	2560685	462.89	ug/l	97
73)	Cyclohexanone	6.885	55	176306	2429.15	ug/l	96
74)	1,2,3-Trichloropropane	7.017	75	1054153	465.18	ug/l	87
75)	2-Chlorotoluene	7.126	91	1230285	323.55	ug/l	95
76)	p-Ethyltoluene	7.114	105	2003800	335.11	ug/l	94
77)	4-Chlorotoluene	7.186	91	1628585	452.53	ug/l	96
78)	n-Propylbenzene	7.053	91	3156155	487.12	ug/l	98
79)	Bromobenzene	7.011	77	1503066	391.95	ug/l	84
80)	1,3,5-Trimethylbenzene	7.150	105	1959634	446.43	ug/l	94
81)	t-Butylbenzene	7.354	119	1769565	464.38	ug/l	91
82)	1,2,4-Trimethylbenzene	7.384	105	2088676	467.89	ug/l	90
83)	sec-Butylbenzene	7.493	105	2286334	482.77	ug/l	96
84)	4-Isopropyltoluene	7.565	119	1563911	430.68	ug/l	95
85)	n-Butylbenzene	7.823	91	2110268	487.20	ug/l	98
86)	p-Diethylbenzene	7.805	119	1065128	436.97	ug/l	92
87)	1,2,4,5-Tetramethylben...	8.305	119	1654069	482.26	ug/l	99
88)	1,2-Dibromo-3-Chloropr...	8.365	157	215175	741.41	ug/l	83
89)	Hexachlorobutadiene	8.990	225	318323	474.08	ug/l	99
90)	1,2,4-Trichlorobenzene	8.900	180	746296	524.12	ug/l	99
91)	1,2,3-Trichlorobenzene	9.225	180	710719	519.54	ug/l	97
92)	Naphthalene	9.075	128	2043564	612.46	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 2M43485.D
Acq On : 06/30/09 13:36
Operator : WP
Sam Mult : 1 Vial# : 65
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 06730/09 15:18
Qt Upd On: 06/30/09 15:17
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 2M43485.D\data.ms
2-Butanone,T
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
Toluene-d8,S
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene,P
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
n-Propylbenzene
Time-->

Abundance
TIC: 2M43485.D\data.ms
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
n-Propylbenzene
Cyclohexanone
Bromochlorobenzene,S
1,1,2,2-Tetrachloroethane,P
4-Chlorotoluene
1,3,5-Trimethylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,4-Dichlorobenzene-d4
p-Diethylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB
Data File: 2M43496.D
Acq On : 06/30/09 17:00

Operator : WP
Sam Mult : 1 Vial# : 76
Misc : A,5ML

Qt Meth : 2M_A0630.M
Qt On : 07/01/09 07:14
Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.400	96	167103	30.00	ug/l		0.00
45) Chlorobenzene-d5	6.205	117	123485	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.613	152	59827	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	3.955	111	47083	33.58	ug/l		0.00
Spiked Amount 30.000			Recovery = 111.93%				
32) 1,2-Dichloroethane-d4	4.190	102	10828	30.37	ug/l		0.00
Spiked Amount 30.000			Recovery = 101.23%				
56) Toluene-d8	5.351	100	104330	28.86	ug/l		0.00
Spiked Amount 30.000			Recovery = 96.20%				
64) Bromofluorobenzene	6.903	174	51271	27.39	ug/l		0.00
Spiked Amount 30.000			Recovery = 91.30%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.243	51	4158	1.47	ug/l		43
3) Dichlorodifluoromethane	1.243	85	1380	0.80	ug/l		92
4) Chloromethane	1.359	50	2478	1.38	ug/l		91
5) Bromomethane	1.659	94	978	1.34	ug/l		94
6) Vinyl Chloride	1.426	62	1658	1.15	ug/l		96
7) Chloroethane	1.725	64	843	1.24	ug/l		44
8) Trichlorofluoromethane	1.892	101	2139	1.19	ug/l		88
9) 1,1,2-Trichloro-1,2,2-...	2.251	101	1393	1.03	ug/l		87
10) Methylene Chloride	2.596	84	3064	1.47	ug/l		85
11) Acrolein	2.175	56	900	3.98	ug/l		98
12) Acrylonitrile	2.783	53	621	0.90	ug/l		89
13) Iodomethane	2.369	142	1959	1.56	ug/l		72
14) Acetone	2.290	43	4269	6.26	ug/l		93
15) Carbon Disulfide	2.418	76	2867	2.43	ug/l		100
16) t-Butyl Alcohol	2.675	59	818	5.07	ug/l		63
17) n-Hexane	2.990	57	1116	1.01	ug/l	#	63
18) Di-isopropyl-ether	3.158	45	5665	0.73	ug/l		96
19) 1,1-Dichloroethene	2.260	61	2703	0.92	ug/l		92
20) Methyl Acetate	2.517	43	1434	0.78	ug/l		100
21) Methyl-t-butyl ether	2.793	73	4144	0.99	ug/l		92
22) 1,1-Dichloroethane	3.118	63	2302	0.69	ug/l		95
23) trans-1,2-Dichloroethene	2.803	96	1330	0.93	ug/l		71
24) cis-1,2-Dichloroethene	3.582	61	2878	0.88	ug/l		88
25) Bromochloromethane	3.779	49	1258	0.63	ug/l		78
26) 2,2-Dichloropropane	3.582	77	1631	0.78	ug/l		76
27) 1,4-Dioxane	4.846	88	849	44.75	ug/l		68
28) 1,1-Dichloropropene	4.082	75	1823	0.83	ug/l		92
29) Chloroform	3.829	83	2201	0.80	ug/l		83
31) Cyclohexane	4.009	56	1729	0.76	ug/l		83
33) 1,2-Dichloroethane	4.238	62	2255	0.89	ug/l		68
34) 2-Butanone	3.591	43	812	0.70	ug/l		49
35) 1,1,1-Trichloroethane	3.973	97	1766	0.92	ug/l		97
36) Carbon Tetrachloride	4.088	117	1420	0.93	ug/l		89
37) Vinyl Acetate	3.158	43	5854	0.78	ug/l		100
38) Bromodichloromethane	4.924	83	1861	0.82	ug/l		99
39) Methylcyclohexane	4.737	83	1607	0.88	ug/l	#	87
40) Dibromomethane	4.834	174	1045	0.79	ug/l		75
41) 1,2-Dichloropropane	4.761	63	1264	0.64	ug/l		95
42) Trichloroethene	4.623	130	1364	0.85	ug/l		97
43) Benzene	4.226	78	5311	0.90	ug/l		100
44) tert-Amyl methyl ether	4.286	73	3260	0.77	ug/l		95
46) Dibromochloromethane	5.868	129	1067	0.65	ug/l		81
47) 2-Chloroethylvinylether	5.092	63	822	0.70	ug/l		62
48) cis-1,3-Dichloropropene	5.188	75	1792	0.63	ug/l		80
49) trans-1,3-Dichloropropene	5.513	75	1708	0.67	ug/l		92
50) 1,1,2-Trichloroethane	5.628	97	1250	0.86	ug/l		84
51) 1,2-Dibromoethane	5.946	107	1447	0.86	ug/l		98
52) 1,3-Dichloropropane	5.730	76	2162	0.79	ug/l		100
53) 4-Methyl-2-Pentanone	5.273	43	1672	0.75	ug/l		85
54) 2-Hexanone	5.760	43	1084	0.66	ug/l		87
55) Tetrachloroethene	5.712	164	983	0.76	ug/l		78
57) Toluene	5.387	92	3465	0.92	ug/l		84
58) 1,1,1,2-Tetrachloroethane	6.271	133	1015	0.79	ug/l		99
59) Chlorobenzene	6.223	112	4238	1.06	ug/l		84
61) Bromoform	6.722	173	881	0.79	ug/l		93
62) Ethylbenzene	6.277	106	2169	1.33	ug/l		61
63) 1,1,2,2-Tetrachloroethane	6.969	83	2041	1.15	ug/l		83
65) Styrene	6.590	104	3696	0.93	ug/l		92
66) m&p-Xylenes	6.343	106	4157	1.85	ug/l		74

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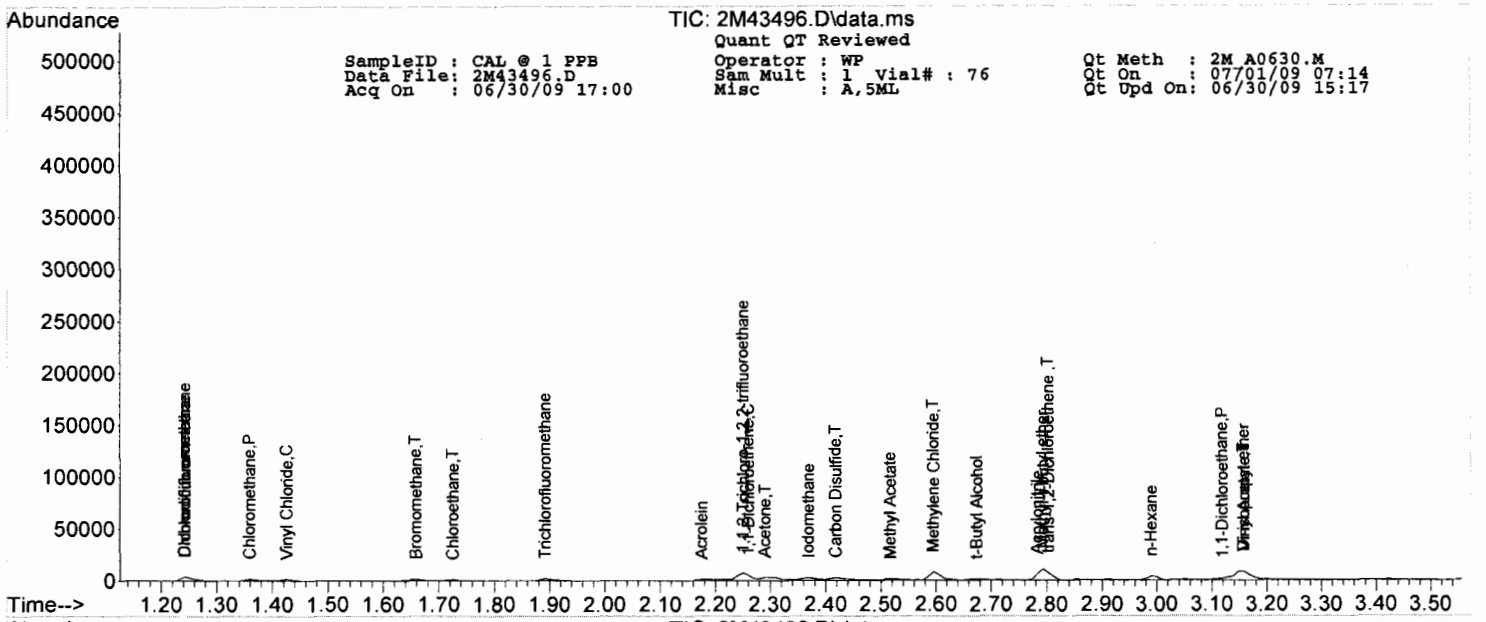
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43496.D Sam Mult : 1 Vial# : 76 Qt On : 07/01/09 07:14
Acq On : 06/30/09 17:00 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.584	106	2044	0.89 ug/l	99
68) trans-1,4-Dichloro-2-b...	7.011	53	469	0.75 ug/l #	54
69) 1,3-Dichlorobenzene	7.577	146	2920	1.08 ug/l	88
70) 1,4-Dichlorobenzene	7.625	146	3309m	1.16 ug/l	
71) 1,2-Dichlorobenzene	7.865	146	2803	1.09 ug/l	99
72) Isopropylbenzene	6.795	105	5141	0.93 ug/l	92
73) Cyclohexanone	6.873	55	249	3.42 ug/l #	19
74) 1,2,3-Trichloropropane	7.005	75	2288	1.01 ug/l	94
75) 2-Chlorotoluene	7.113	91	4117	1.08 ug/l	98
76) p-Ethyltoluene	7.107	105	5582	0.93 ug/l	95
77) 4-Chlorotoluene	7.174	91	3988	1.10 ug/l	97
78) n-Propylbenzene	7.041	91	6795	1.05 ug/l	93
79) Bromobenzene	7.005	77	4041	1.05 ug/l	83
80) 1,3,5-Trimethylbenzene	7.137	105	4065	0.92 ug/l	98
81) t-Butylbenzene	7.348	119	3540	0.93 ug/l	87
82) 1,2,4-Trimethylbenzene	7.378	105	4357	0.97 ug/l	84
83) sec-Butylbenzene	7.480	105	4432	0.93 ug/l	94
84) 4-Isopropyltoluene	7.565	119	3448	0.95 ug/l	89
85) n-Butylbenzene	7.817	91	3966	0.91 ug/l	95
86) p-Diethylbenzene	7.799	119	2066	0.84 ug/l	94
87) 1,2,4,5-Tetramethylben...	8.298	119	2814	0.82 ug/l	93
88) 1,2-Dibromo-3-Chloropr...	8.365	157	98m	0.34 ug/l	
89) Hexachlorobutadiene	8.984	225	496	0.74 ug/l	82
90) 1,2,4-Trichlorobenzene	8.894	180	1676	1.17 ug/l	85
91) 1,2,3-Trichlorobenzene	9.225	180	1877	1.37 ug/l	88
92) Naphthalene	9.062	128	3904	1.17 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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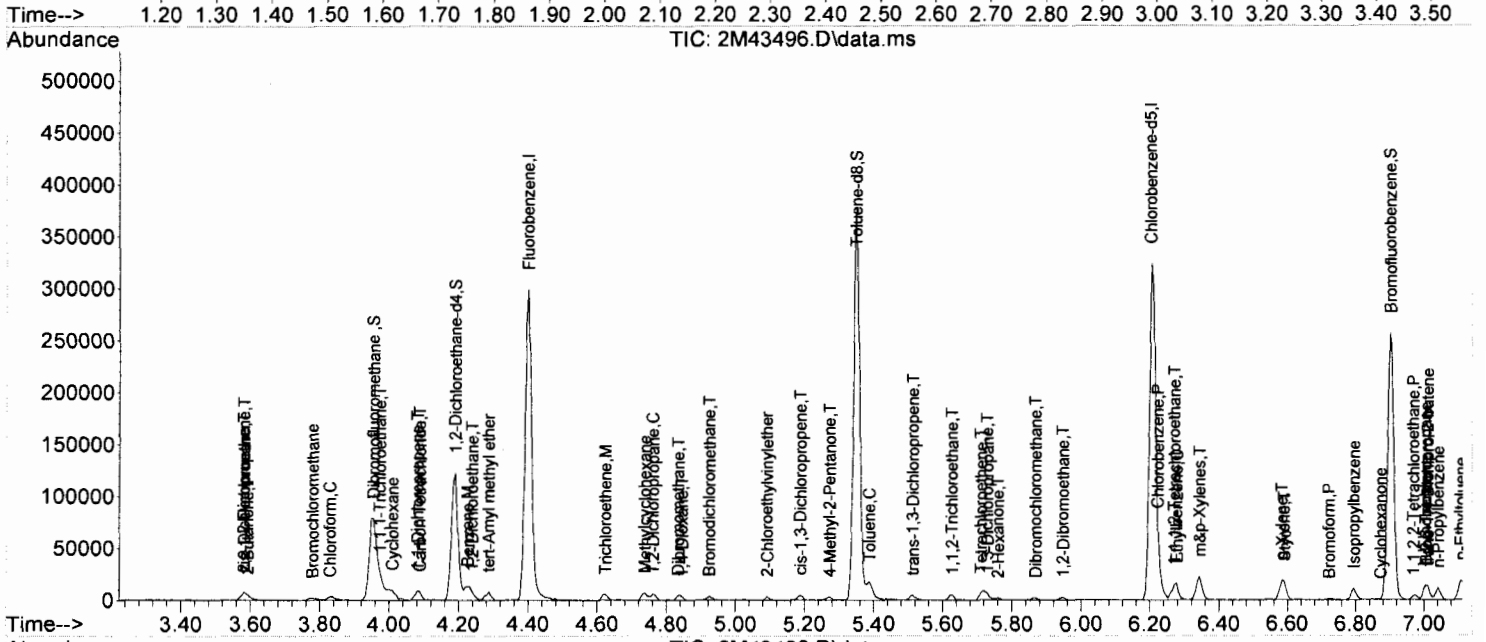
SampleID : CAL @ 1 PPB
Data File: 2M43496.D
Acq On : 06/30/09 17:00
Operator : WP
Sam Mult : 1 Vial# : 76
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 07/01/09 07:14
Qt Upd On: 06/30/09 15:17
Abundance
Time-->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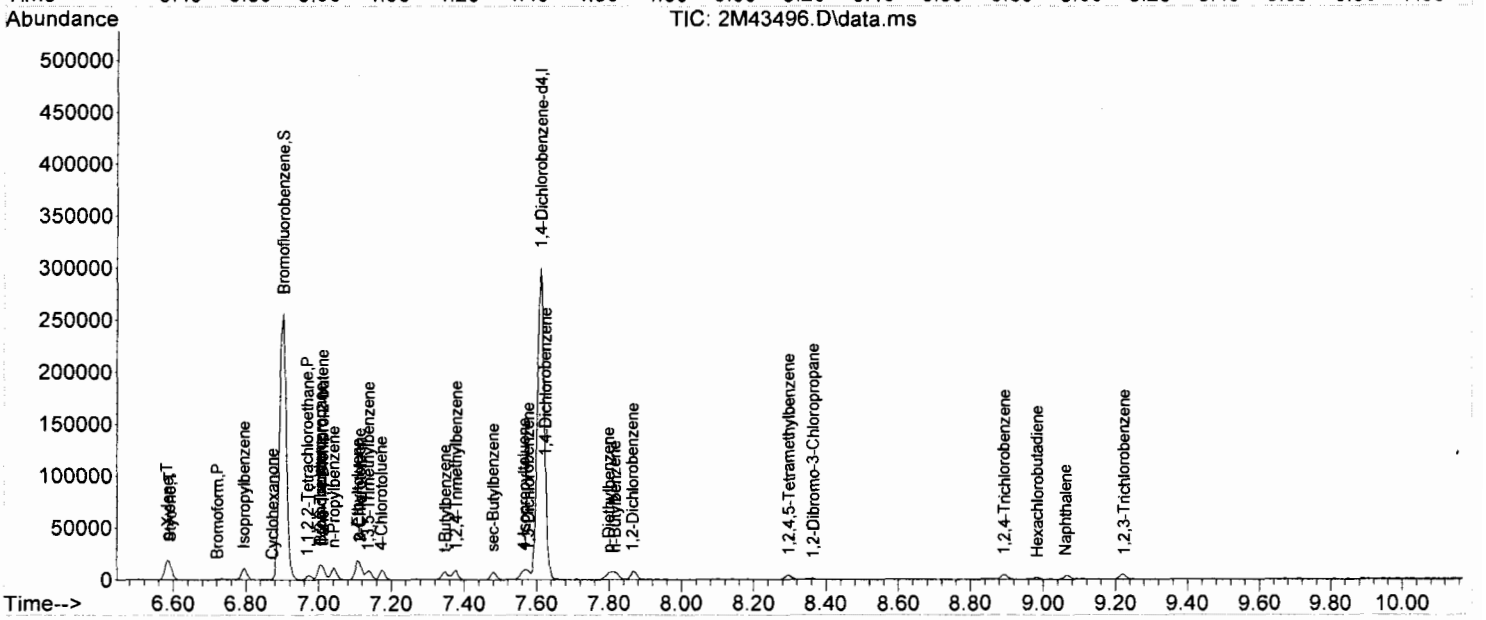
Abundance
Time-->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Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43484.D Sam Mult : 1 Vial# : 64 Qt On : 06/30/09 15:17
Acq On : 06/30/09 13:18 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.401	96	174571	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.211	117	114401	30.00 ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.619	152	57046	30.00 ug/l	0.00
System Monitoring Compounds					
30) Dibromofluoromethane	3.950	111	50606	34.55 ug/l	0.00
Spiked Amount 30.000			Recovery = 115.17%		
32) 1,2-Dichloroethane-d4	4.190	102	10559	28.35 ug/l	0.00
Spiked Amount 30.000			Recovery = 94.50%		
56) Toluene-d8	5.351	100	101602	30.34 ug/l	0.00
Spiked Amount 30.000			Recovery = 101.13%		
64) Bromofluorobenzene	6.909	174	47866	26.82 ug/l	0.00
Spiked Amount 30.000			Recovery = 89.40%		
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D. d	
6) Vinyl Chloride	0.000		0	N.D. d	
7) Chloroethane	0.000		0	N.D. d	
8) Trichlorofluoromethane	0.000		0	N.D. d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D.	
12) Acrylonitrile	0.000		0	N.D.	
13) Iodomethane	0.000		0	N.D. d	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D. d	
17) n-Hexane	0.000		0	N.D. d	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	2.784	73	2049	0.47 ug/l	93
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D. d	
27) 1,4-Dioxane	0.000		0	N.D.	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	4.244	62	1194	0.45 ug/l	42
34) 2-Butanone	0.000		0	N.D. d	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D. d	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.220	78	3177	0.51 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D.	
55) Tetrachloroethene	0.000		0	N.D. d	
57) Toluene	0.000		0	N.D. d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D.	
62) Ethylbenzene	6.277	106	832	0.53 ug/l	67
63) 1,1,2,2-Tetrachloroethane	6.981	83	693	0.41 ug/l #	19
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	6.344	106	1557	0.73 ug/l	88

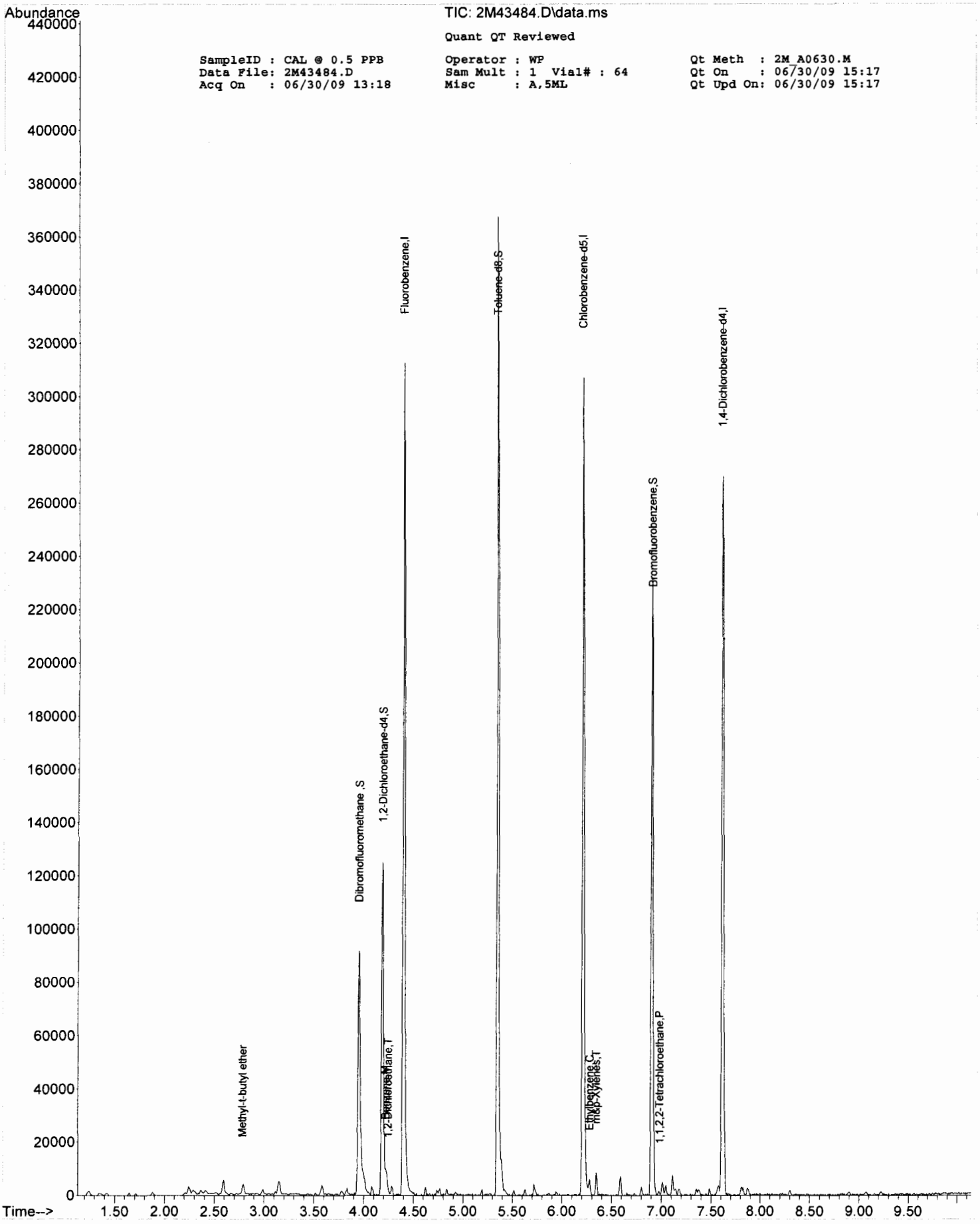
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 2M_A0630.M
Data File: 2M43484.D Sam Mult : 1 Vial# : 64 Qt On : 06/30/09 15:17
Acq On : 06/30/09 13:18 Misc : A,5ML Qt Upd On: 06/30/09 15:17

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	0.000		0	N.D. d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	
69) 1,3-Dichlorobenzene	0.000		0	N.D. d	
70) 1,4-Dichlorobenzene	0.000		0	N.D. d	
71) 1,2-Dichlorobenzene	0.000		0	N.D. d	
72) Isopropylbenzene	0.000		0	N.D. d	
73) Cyclohexanone	0.000		0	N.D.	
74) 1,2,3-Trichloropropane	0.000		0	N.D. d	
75) 2-Chlorotoluene	0.000		0	N.D. d	
76) p-Ethyltoluene	0.000		0	N.D. d	
77) 4-Chlorotoluene	0.000		0	N.D. d	
78) n-Propylbenzene	0.000		0	N.D. d	
79) Bromobenzene	0.000		0	N.D. d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
81) t-Butylbenzene	0.000		0	N.D. d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D. d	
83) sec-Butylbenzene	0.000		0	N.D. d	
84) 4-Isopropyltoluene	0.000		0	N.D. d	
85) n-Butylbenzene	0.000		0	N.D. d	
86) p-Diethylbenzene	0.000		0	N.D. d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.	
89) Hexachlorobutadiene	0.000		0	N.D. d	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	
92) Naphthalene	0.000		0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M43484.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 2M43484.D
Acq On : 06/30/09 13:18
Operator : WP
Sam Mult : 1 Vial# : 64
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 06/30/09 15:17
Qt Upd On: 06/30/09 15:17
Methyl-t-butyl ether
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
1,4-Dichlorobenzene-d4,I
Time-->

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_1

0292

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M47017.	CAL @ 20 PPB	07/15/09 12:44	2	1M47019.	CAL @ 5 PPB	07/15/09 13:18
3	1M47018.	CAL @ 10 PPB	07/15/09 13:01	4	1M47016.	CAL @ 50 PPB	07/15/09 12:27
5	1M47015.	CAL @ 100 PPB	07/15/09 12:09	6	1M47014.	CAL @ 250 PPB	07/15/09 11:52
7	1M47013.	CAL @ 500 PPB	07/15/09 11:35	8	1M47012.	CAL @ 1 PPB	07/15/09 11:18
9	1M47011.	CAL @ 0.5 PPB	07/15/09 11:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	LinF	0.9920	1.3662	1.0997	0.8762	0.7807	0.7264	0.7183	-----	-----	0.937	1.38	1.00	1.00	25		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dichlorodifluoromethan	1	0	Avg	0.4688	0.5342	0.4762	0.4582	0.4232	0.4099	0.4125	-----	-----	0.455	1.36	1.00	1.00	9.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chloromethane	1	0	Avg	0.4227	0.4887	0.4416	0.4183	0.3784	0.3551	0.3735	-----	-----	0.411	1.49	0.999	1.00	11	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromomethane	1	0	Avg	0.1906	0.1840	0.1780	0.1775	0.1585	0.1555	0.1541	-----	-----	0.171	1.81	1.00	1.00	8.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Vinyl Chloride	1	0	Avg	0.3416	0.4137	0.3690	0.3816	0.3441	0.2983	0.3295	-----	-----	0.354	1.58	0.997	0.998	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chloroethane	1	0	Avg	0.2300	0.2459	0.2276	0.1994	0.1841	0.1734	0.1696	-----	-----	0.204	1.88	1.00	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.7992	0.8655	0.7736	0.7764	0.6910	0.5913	0.6139	-----	-----	0.730	2.08	0.999	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.3519	0.4270	0.3677	0.3605	0.3308	0.3015	0.2915	-----	-----	0.347	2.46	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methylene Chloride	1	0	Avg	0.3813	0.4605	0.3872	0.3705	0.3454	0.3290	0.3080	-----	-----	0.369	2.80	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Acrolein	1	0	Avg	0.0364	0.0326	0.0362	0.0388	0.0356	0.0354	0.0385	-----	-----	0.0363	2.37	0.998	1.00	5.8		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
Acrylonitrile	1	0	Avg	0.0828	0.1029	0.0750	0.0830	0.0774	0.0759	0.0706	-----	-----	0.0811	2.98	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Iodomethane	1	0	Avg	0.6212	0.6597	0.6025	0.6185	0.5694	0.5453	0.5165	-----	-----	0.590	2.57	0.999	1.00	8.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Acetone	1	0	LinF	0.0705	0.0767	0.0726	0.0664	0.0628	0.0581	0.0545	-----	-----	0.0660	2.48	0.999	1.00	12		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
Carbon Disulfide	1	0	Avg	1.3273	1.5218	1.3516	1.2703	1.1587	1.1012	1.0301	-----	-----	1.25	2.63	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0124	0.0092	0.0105	0.0107	0.0130	0.0110	0.0108	-----	-----	0.0111	2.87	0.998	0.999	11		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
n-Hexane	1	0	Avg	0.5048	0.5114	0.4645	0.5168	0.4872	0.4638	0.4386	-----	-----	0.484	3.24	0.999	1.00	6.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Di-isopropyl-ether	1	0	Avg	1.2537	1.2225	1.2172	1.2483	1.1457	1.0806	0.9970	-----	-----	1.17	3.40	0.998	1.00	8.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1-Dichloroethene	1	0	Avg	0.7561	0.8720	0.7635	0.7546	0.6863	0.6565	0.6142	-----	-----	0.729	2.46	0.999	1.00	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methyl Acetate	1	0	Avg	0.1771	0.1774	0.1668	0.1629	0.1540	0.1524	0.1406	-----	-----	0.162	2.72	0.998	1.00	8.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methyl-t-butyl ether	1	0	Avg	0.5782	0.5862	0.5678	0.5828	0.5444	0.5315	0.4988	0.6116	-----	0.563	3.03	0.999	1.00	6.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethane	1	0	Avg	0.8075	0.8622	0.7778	0.7533	0.6938	0.6725	0.6349	-----	-----	0.743	3.35	0.999	1.00	11	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
trans-1.2-Dichloroether	1	0	Avg	0.3939	0.4375	0.3882	0.3842	0.3446	0.3252	0.3060	-----	-----	0.369	3.03	0.999	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
cis-1.2-Dichloroethene	1	0	Avg	0.7004	0.8045	0.7021	0.7088	0.6564	0.6285	0.5831	-----	-----	0.683	3.82	0.998	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromochloromethane	1	0	Avg	0.3100	0.3395	0.3279	0.3069	0.2730	0.2642	0.2487	-----	-----	0.296	3.99	0.999	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2.2-Dichloropropane	1	0	Avg	0.5289	0.5760	0.5148	0.5186	0.4902	0.4676	-----	-----	-----	0.516	3.83	0.999	1.00	7.1		20.00	5.00	10.00	50.00	100.0	250.0			
1.4-Dioxane	1	0	Avg	0.0022	0.0022	0.0022	0.0021	0.0026	0.0019	0.0017	-----	-----	0.00217	5.04	0.991	0.996	13		1000.	250.0	500.0	2500.	5000.	1250	2500		
1.1-Dichloropropene	1	0	Avg	0.6206	0.6678	0.6071	0.6096	0.5469	0.4976	0.4412	-----	-----	0.570	4.30	0.996	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chloroform	1	0	Avg	0.7358	0.8296	0.7344	0.7002	0.6433	0.6200	0.5859	-----	-----	0.693	4.04	0.999	1.00	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromofluoromethane	1	0	Avg	0.2892	0.2850	0.2846	0.2846	0.2910	0.2867	0.2888	-----	-----	0.287	4.15	-1	-1	0.90		30.00	30.00	30.00	30.00	30.00	30.00	30.00		
Cyclohexane	1	0	Avg	0.6896	0.7326	0.6566	0.7218	0.6643	0.6184	0.5757	-----	-----	0.666	4.24	0.998	1.00	8.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dichloroethane-d4	1	0	Avg	0.0579	0.0509	0.0500	0.0481	0.0485	0.0448	0.0487	0.0524	0.0517	0.0504	4.38	-1	-1	7.2		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1.2-Dichloroethane	1	0	Avg	0.5749	0.6150	0.5611	0.5405	0.4929	0.4496	0.4056	-----	-----	0.520	4.43	0.997	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Butanone	1	0	Avg	0.1056	0.1047	0.1147	0.1003	0.0981	0.0939	0.0880	-----	-----	0.101	3.82	0.999	1.00	8.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.1-Trichloroethane	1	0	Avg	0.6182	0.7107	0.6230	0.6058	0.5469	0.5244	0.4874	-----	-----	0.588	4.19	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.5547	0.5908	0.5310	0.5363	0.4888	0.4328	0.3902	-----	-----	0.504	4.31	0.996	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Vinyl Acetate	1	0	Avg	1.0909	1.1271	1.0350	1.0861	1.0172	0.9840	0.9120	-----	-----	1.04	3.40	0.998	1.00	7.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromodichloromethane	1	0	Avg	0.5661	0.6069	0.5735	0.5660	0.5121	0.4945	0.4662	-----	-----	0.541	5.12	0.999	1.00	9.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methylcyclohexane	1	0	Avg	0.6874	0.6950	0.6548	0.6933	0.6367	0.5724	0.5088	-----	-----	0.636	4.96	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromomethane	1	0	Avg	0.2143	0.2151	0.2019	0.2095	0.1864	0.1756	0.1643	-----	-----	0.195	5.04	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dichloropropane	1	0	Avg	0.3781	0.4505	0.3782	0.3809	0.3482	0.3281	0.2919	-----	-----	0.365	4.96	0.996	1.00	14	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Trichloroethene	1	0	Avg	0.4172	0.4858	0.4179	0.4051	0.3794	0.3454	0.3167	-----	-----	0.395	4.83	0.998	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 11.0

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M47017.	CAL @ 20 PPB	07/15/09 12:44	2	1M47019.	CAL @ 5 PPB	07/15/09 13:18
3	1M47018.	CAL @ 10 PPB	07/15/09 13:01	4	1M47016.	CAL @ 50 PPB	07/15/09 12:27
5	1M47015.	CAL @ 100 PPB	07/15/09 12:09	6	1M47014.	CAL @ 250 PPB	07/15/09 11:52
7	1M47013.	CAL @ 500 PPB	07/15/09 11:35	8	1M47012.	CAL @ 1 PPB	07/15/09 11:18
9	1M47011.	CAL @ 0.5 PPB	07/15/09 11:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.4293	1.5419	1.4745	1.3680	1.2489	1.1380	0.9990	1.5799	-----	1.35	4.43	0.995	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
tert-Amyl methyl ether	1	0	Avg	0.5225	0.5136	0.5002	0.5367	0.4965	0.4866	0.4471	-----	-----	0.501	4.50	0.998	1.00	5.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromochloromethane	1	0	Avg	0.4629	0.5106	0.5135	0.4693	0.4373	0.4185	0.4005	-----	-----	0.459	6.07	0.999	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Chloroethylvinylether	1	0	Avg	0.1726	0.1841	0.1816	0.1916	0.1914	0.1926	0.1857	-----	-----	0.186	5.29	1.00	1.00	3.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
cis-1.3-Dichloropropene	1	0	Avg	0.7525	0.7863	0.7684	0.7963	0.7589	0.7434	0.7031	-----	-----	0.758	5.38	0.999	1.00	4.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
trans-1.3-Dichloroprope	1	0	Avg	0.6086	0.6572	0.6420	0.6675	0.6424	0.6332	0.5979	-----	-----	0.636	5.71	0.999	1.00	3.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.2-Trichloroethane	1	0	Avg	0.3252	0.4262	0.3858	0.3377	0.3137	0.2992	0.2834	-----	-----	0.339	5.83	0.999	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dibromoethane	1	0	Avg	0.3570	0.3989	0.3914	0.3631	0.3296	0.3183	0.3013	-----	-----	0.351	6.16	0.999	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichloropropane	1	0	Avg	0.6329	0.7396	0.6834	0.6201	0.5816	0.5434	0.4877	-----	-----	0.613	5.94	0.997	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
4-Methyl-2-Pentanone	1	0	Avg	0.2604	0.2359	0.2851	0.2642	0.2636	0.2564	0.2401	-----	-----	0.258	5.47	0.999	1.00	6.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Hexanone	1	0	Avg	0.1803	0.1427	0.1728	0.1915	0.1851	0.1777	0.1630	-----	-----	0.173	5.96	0.998	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Tetrachloroethene	1	0	Avg	0.5089	0.6331	0.5490	0.5038	0.4525	0.4075	-----	-----	-----	0.509	5.95	0.998	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0			
Toluene-d8	1	0	Avg	0.8870	0.9034	0.9132	0.8713	0.9129	0.9058	0.9025	0.8860	0.9017	0.898	5.56	-1	-1	1.6		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Toluene	1	0	Avg	1.2773	1.5207	1.3744	1.2340	1.1386	1.0462	-----	1.5729	-----	1.31	5.60	0.998	1.00	15	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.4894	0.5448	0.5181	0.4626	0.4255	0.3947	0.3494	-----	-----	0.455	6.49	0.996	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chlorobenzene	1	0	Lin	1.3155	1.6015	1.4671	1.2909	1.1979	1.0954	0.9909	-----	-----	1.28	6.45	0.997	1.00	16	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromoform	1	0	Avg	0.5369	0.5023	0.5349	0.5362	0.5353	0.5067	0.5013	-----	-----	0.522	6.95	1.00	1.00	3.3	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Ethylbenzene	1	0	Avg	1.1311	1.0614	1.0573	1.0820	0.9423	0.8517	0.7679	1.2449	-----	1.02	6.51	0.996	1.00	15	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	0.7300	0.7093	0.7377	0.7431	0.7103	0.6584	0.6433	-----	-----	0.705	7.19	1.00	1.00	5.5	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromofluorobenzene	1	0	Avg	0.8380	0.7722	0.8157	0.7937	0.8319	0.8185	0.8516	0.7780	0.7917	0.810	7.14	-1	-1	3.4		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Styrene	1	0	Avg	2.7360	2.6225	2.7319	2.6785	2.5865	2.1860	1.8902	-----	-----	2.49	6.81	0.992	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
m&p-Xylenes	1	0	Avg	1.7497	1.8436	1.7695	1.6422	1.5312	1.2697	-----	1.7661	1.8369	1.68	6.57	0.992	1.00	12		40.00	10.00	20.00	100.0	200.0	500.0		2.00	1.00
o-Xylene	1	0	Avg	1.7423	1.6242	1.7281	1.6500	1.5626	1.3267	-----	1.6203	-----	1.61	6.81	0.994	1.00	8.6		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.2707	0.2821	0.2821	0.2806	0.2714	0.2567	0.2553	-----	-----	0.271	7.22	1.00	1.00	4.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichlorobenzene	1	0	Lin	2.1360	2.3607	2.2563	1.9972	1.8497	1.5585	1.3665	-----	-----	1.93	7.82	0.993	0.999	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.4-Dichlorobenzene	1	0	Lin	2.0495	2.4139	2.1402	1.9604	1.8066	1.5984	1.4762	-----	-----	1.92	7.87	0.998	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dichlorobenzene	1	0	Avg	1.8102	1.9165	1.7883	1.7181	1.6178	1.4499	1.3233	-----	-----	1.66	8.11	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Isopropylbenzene	1	0	Avg	4.7289	4.7059	4.7706	4.7006	4.5011	3.8721	3.4922	4.5118	-----	4.41	7.03	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	LinF	0.0208	0.0117	0.0187	0.0185	0.0227	0.0173	0.0171	-----	-----	0.0182	7.10	0.996	0.997	19		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
1.2.3-Trichloropropane	1	0	Avg	0.9432	0.9855	1.0055	0.9740	0.9178	0.8411	0.8171	-----	-----	0.926	7.23	0.999	1.00	7.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Chlorotoluene	1	0	Avg	2.7734	2.9014	2.9944	2.6693	2.3172	2.0890	-----	-----	-----	2.62	7.35	0.997	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0			
p-Ethyltoluene	1	0	LinF	5.3463	5.5502	5.4750	5.0945	4.8831	3.9641	3.4014	-----	-----	4.82	7.34	0.990	0.999	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
4-Chlorotoluene	1	0	Avg	2.9500	3.1583	2.9580	2.6730	2.5128	2.1943	-----	-----	-----	2.74	7.41	0.997	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
n-Propylbenzene	1	0	Avg	5.7977	5.9447	5.9725	5.8196	5.4553	4.6285	4.1245	5.9550	-----	5.46	7.28	0.994	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.4561	2.4580	2.5310	2.3838	2.2872	2.0450	1.9390	-----	-----	2.30	7.24	0.999	1.00	9.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3.5-Trimethylbenzene	1	0	Avg	3.4057	3.5766	3.6060	3.4681	3.0113	2.6744	2.3521	3.2567	-----	3.17	7.37	0.994	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	3.9256	3.7592	3.9047	3.8517	3.5656	3.0925	2.7469	3.5720	-----	3.55	7.59	0.994	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	4.0167	4.0584	4.2892	3.9708	3.6883	3.1643	2.7839	3.3567	-----	3.67	7.62	0.994	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	5.3200	5.4442	5.4107	5.2278	4.8800	4.1658	3.7098	4.9974	-----	4.89	7.73	0.994	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	4.1012	4.1500	4.1365	4.0357	3.7930	3.1722	2.7126	3.4872	-----	3.70	7.81	0.990	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	5.1843	5.2330	5.2648	5.1784	4.8824	4.1019	3.6497	5.2322	-----	4.84	8.06	0.994	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria **** - ccc compound***

b - failed the ccc criteria ***** - spcc compound***

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 11.0

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_1

0294

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M47017.	CAL @ 20 PPB	07/15/09 12:44	2	1M47019.	CAL @ 5 PPB	07/15/09 13:18
3	1M47018.	CAL @ 10 PPB	07/15/09 13:01	4	1M47016.	CAL @ 50 PPB	07/15/09 12:27
5	1M47015.	CAL @ 100 PPB	07/15/09 12:09	6	1M47014.	CAL @ 250 PPB	07/15/09 11:52
7	1M47013.	CAL @ 500 PPB	07/15/09 11:35	8	1M47012.	CAL @ 1 PPB	07/15/09 11:18
9	1M47011.	CAL @ 0.5 PPB	07/15/09 11:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	Avg	2.3620	2.2186	2.3682	2.4167	2.2861	1.9898	1.7466	-----	-----	2.20	8.04	0.994	1.00	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2.4.5-Tetramethylber	1	0	Avg	3.4006	2.9471	3.1844	3.6004	3.4693	3.0653	2.7202	-----	-----	3.20	8.55	0.995	1.00	9.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dibromo-3-Chloropr	1	0	Avg	0.1401	0.0898	0.1392	0.1422	0.1376	0.1298	0.1213	-----	-----	0.129	8.60	0.998	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Hexachlorobutadiene	1	0	Avg	1.2043	1.1846	1.2525	1.1648	1.0978	0.9525	0.8675	-----	-----	1.10	9.25	0.996	1.00	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2.4-Trichlorobenzene	1	0	Avg	1.2148	1.2106	1.1808	1.2226	1.2279	1.0994	1.0226	-----	-----	1.17	9.15	0.998	1.00	6.7	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2.3-Trichlorobenzene	1	0	Avg	1.1627	1.2349	1.1304	1.0988	1.0963	0.9555	0.8816	-----	-----	1.08	9.48	0.997	1.00	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Naphthalene	1	0	LinF	1.8283	1.5688	1.6509	1.8211	1.8575	1.6453	1.4653	1.3042	-----	1.64	9.33	0.995	1.00	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 11.0

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 1M47017.D
Acq On : 07/15/09 12:44

Operator : WP
Sam Mult : 1 Vial# : 9
Misc : S,5G

Qt Meth : 1M_S0715.M
Qt On : 07/15/09 13:02
Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.595	96	113642	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.428	117	82119	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.857	152	41800	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.152	111	32875	29.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.73%			
32) 1,2-Dichloroethane-d4	4.378	102	6586	35.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 119.23%			
56) Toluene-d8	5.561	100	72841	28.84	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.13%			
64) Bromofluorobenzene	7.138	174	35032	30.99	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.30%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	75155	17.93	ug/l	1
3) Dichlorodifluoromethane	1.359	85	35523	24.05	ug/l	90
4) Chloromethane	1.493	50	32028	21.50	ug/l	96
5) Bromomethane	1.811	94	14440	21.79	ug/l	97
6) Vinyl Chloride	1.577	62	25883	19.04	ug/l	99
7) Chloroethane	1.878	64	17429	21.51	ug/l	97
8) Trichlorofluoromethane	2.079	101	60555	20.70	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.456	101	26662	19.22	ug/l	94
10) Methylene Chloride	2.801	84	28894	19.07	ug/l	95
11) Acrolein	2.368	56	13794	141.69	ug/l	92
12) Acrylonitrile	2.979	53	6279	20.71	ug/l	98
13) Iodomethane	2.575	142	47070	25.59	ug/l	77
14) Acetone	2.476	43	26715	105.85	ug/l	94
15) Carbon Disulfide	2.634	76	100565	26.44	ug/l	100
16) t-Butyl Alcohol	2.870	59	4724	110.60	ug/l	97
17) n-Hexane	3.245	57	38245	23.70	ug/l	85
18) Di-isopropyl-ether	3.403	45	94988	21.08	ug/l	94
19) 1,1-Dichloroethene	2.456	61	57286	19.14	ug/l	95
20) Methyl Acetate	2.723	43	13418	21.30	ug/l	100
21) Methyl-t-butyl ether	3.028	73	43812	21.02	ug/l	82
22) 1,1-Dichloroethane	3.353	63	61181	20.11	ug/l	95
23) trans-1,2-Dichloroethene	3.028	96	29846	19.68	ug/l	80
24) cis-1,2-Dichloroethene	3.817	61	53069	19.47	ug/l	98
25) Bromochloromethane	3.994	49	23489	19.70	ug/l	86
26) 2,2-Dichloropropane	3.826	77	40075	19.68	ug/l	89
27) 1,4-Dioxane	5.039	88	8503	1071.30	ug/l	85
28) 1,1-Dichloropropene	4.299	75	47020	20.15	ug/l	93
29) Chloroform	4.043	83	55748	20.06	ug/l	98
31) Cyclohexane	4.240	56	52250	21.32	ug/l	96
33) 1,2-Dichloroethane	4.428	62	43559	20.77	ug/l	92
34) 2-Butanone	3.817	43	8001	23.13	ug/l	89
35) 1,1,1-Trichloroethane	4.191	97	46842	19.78	ug/l	96
36) Carbon Tetrachloride	4.309	117	42029	19.40	ug/l	93
37) Vinyl Acetate	3.403	43	82652	21.41	ug/l	100
38) Bromodichloromethane	5.117	83	42889	19.72	ug/l	96
39) Methylcyclohexane	4.960	83	52083	20.84	ug/l	69
40) Dibromomethane	5.039	174	16236	20.89	ug/l	95
41) 1,2-Dichloropropane	4.960	63	28650	20.36	ug/l	88
42) Trichloroethene	4.832	130	31608	19.95	ug/l	98
43) Benzene	4.428	78	108290	20.48	ug/l	100
44) tert-Amyl methyl ether	4.497	73	39586	20.59	ug/l	90
46) Dibromochloromethane	6.073	129	25344	19.15	ug/l	98
47) 2-Chloroethylvinylether	5.285	63	9451	19.71	ug/l	93
48) cis-1,3-Dichloropropene	5.384	75	41198	18.78	ug/l	97
49) trans-1,3-Dichloropropene	5.709	75	33322	18.18	ug/l	96
50) 1,1,2-Trichloroethane	5.827	97	17805	18.68	ug/l	84
51) 1,2-Dibromoethane	6.162	107	19548	19.83	ug/l	98
52) 1,3-Dichloropropane	5.936	76	34649	19.71	ug/l	96
53) 4-Methyl-2-Pentanone	5.472	43	14257	20.73	ug/l	93
54) 2-Hexanone	5.955	43	9872	21.03	ug/l	98
55) Tetrachloroethene	5.945	164	27865	18.48	ug/l	98
57) Toluene	5.600	92	69930	18.93	ug/l	95
58) 1,1,1,2-Tetrachloroethane	6.487	133	26796	20.62	ug/l	98
59) Chlorobenzene	6.448	112	72019	19.43	ug/l	96
61) Bromoform	6.951	173	14962	19.50	ug/l	92
62) Ethylbenzene	6.507	106	31520	20.86	ug/l	99
63) 1,1,2,2-Tetrachloroethane	7.187	83	20343	19.41	ug/l	87
65) Styrene	6.813	104	76244	20.67	ug/l	84
66) m&p-Xylenes	6.566	106	97521	39.71	ug/l	93

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 1M47017.D
Acq On : 07/15/09 12:44

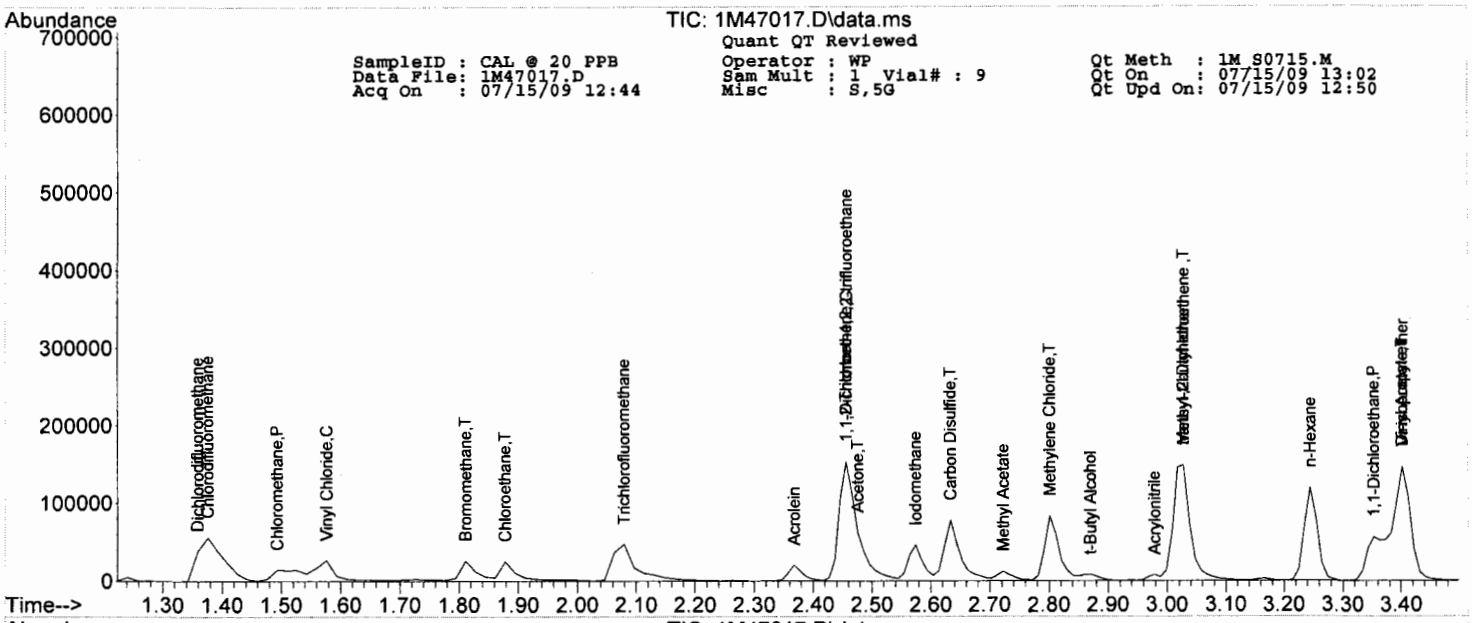
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : S,5G

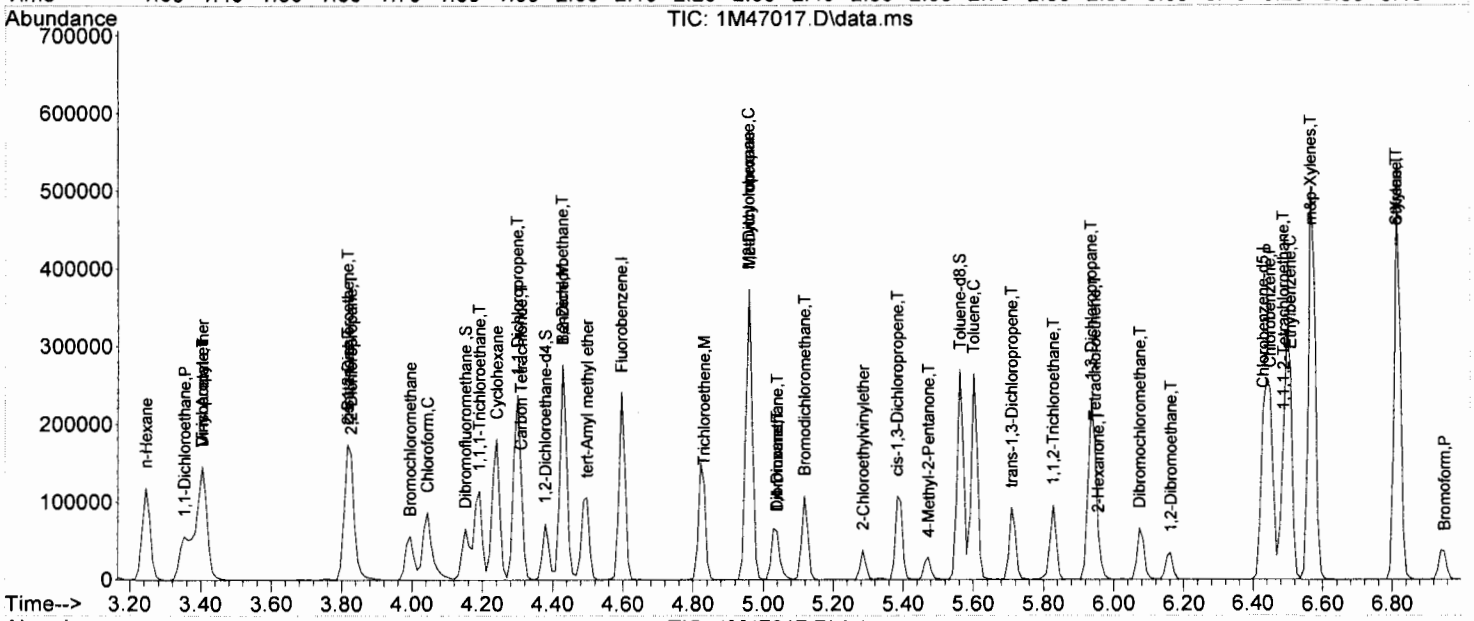
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 13:02
Qt Upd On: 07/15/09 12:50

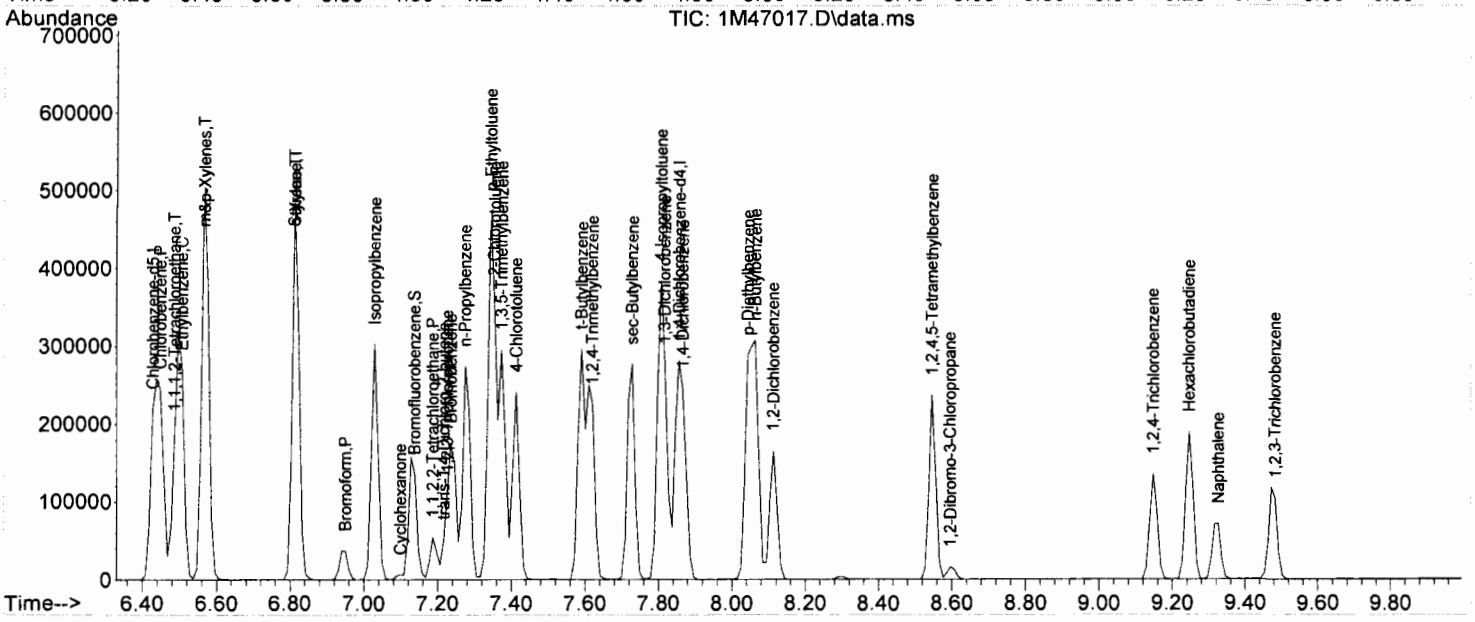
Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) o-Xylene	6.813	106	48554	21.68	ug/l		87
68) trans-1,4-Dichloro-2-b...	7.217	53	7544	18.84	ug/l		79
69) 1,3-Dichlorobenzene	7.818	146	59525	20.09	ug/l		92
70) 1,4-Dichlorobenzene	7.867	146	57115	20.21	ug/l		90
71) 1,2-Dichlorobenzene	8.114	146	50445	20.69	ug/l		93
72) Isopropylbenzene	7.029	105	131779	20.17	ug/l		95
73) Cyclohexanone	7.098	55	2906	121.23	ug/l	#	65
74) 1,2,3-Trichloropropane	7.227	75	26286	19.15	ug/l		95
75) 2-Chlorotoluene	7.355	91	77288	20.01	ug/l		96
76) p-Ethyltoluene	7.345	105	148985	20.21	ug/l		94
77) 4-Chlorotoluene	7.414	91	82208	21.69	ug/l		95
78) n-Propylbenzene	7.276	91	161565	19.64	ug/l		97
79) Bromobenzene	7.236	77	68445	19.87	ug/l		90
80) 1,3,5-Trimethylbenzene	7.374	105	94906m	19.11	ug/l		
81) t-Butylbenzene	7.591	119	109395	20.94	ug/l		90
82) 1,2,4-Trimethylbenzene	7.621	105	111932	20.13	ug/l		93
83) sec-Butylbenzene	7.729	105	148253	20.69	ug/l		95
84) 4-Isopropyltoluene	7.808	119	114288	20.60	ug/l		93
85) n-Butylbenzene	8.064	91	144471	19.92	ug/l		97
86) p-Diethylbenzene	8.045	119	65821	20.25	ug/l		96
87) 1,2,4,5-Tetramethylben...	8.547	119	94766	22.08	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	8.597	157	3904	20.92	ug/l		77
89) Hexachlorobutadiene	9.247	225	33561	20.39	ug/l		98
90) 1,2,4-Trichlorobenzene	9.148	180	33853	19.55	ug/l		97
91) 1,2,3-Trichlorobenzene	9.484	180	32401	20.48	ug/l		97
92) Naphthalene	9.326	128	50950	21.35	ug/l		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47017.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 1M47017.D
Acq On : 07/15/09 12:44
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 13:02
Qt Upd On: 07/15/09 12:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M47017.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M47017.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
p-Diethylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47019.D Sam Mult : 1 Vial# : 11 Qt On : 07/15/09 13:48
Acq On : 07/15/09 13:18 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.595	96	110863	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.428	117	74921	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.857	152	41293	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.152	111	31604	28.60	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.33%			
32) 1,2-Dichloroethane-d4	4.378	102	5649	31.45	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.83%			
56) Toluene-d8	5.561	100	67685	29.37	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.90%			
64) Bromofluorobenzene	7.138	174	31889	28.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.20%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	25244	6.17	ug/l	1
3) Dichlorodifluoromethane	1.376	85	9871	6.85	ug/l	94
4) Chloromethane	1.510	50	9030	6.21	ug/l	93
5) Bromomethane	1.811	94	3401	5.26	ug/l	96
6) Vinyl Chloride	1.577	62	7644	5.76	ug/l	98
7) Chloroethane	1.878	64	4545	5.75	ug/l	91
8) Trichlorofluoromethane	2.080	101	15993	5.60	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.456	101	7890	5.83	ug/l	90
10) Methylene Chloride	2.801	84	8510	5.76	ug/l	95
11) Acrolein	2.368	56	3014	31.74	ug/l	91
12) Acrylonitrile	2.979	53	1902	6.43	ug/l	77
13) Iodomethane	2.575	142	12190	6.79	ug/l	72
14) Acetone	2.476	43	7086	28.78	ug/l	100
15) Carbon Disulfide	2.634	76	28120	7.58	ug/l	100
16) t-Butyl Alcohol	2.870	59	851m	20.42	ug/l	
17) n-Hexane	3.245	57	9450	6.00	ug/l	82
18) Di-isopropyl-ether	3.403	45	22590	5.14	ug/l	98
19) 1,1-Dichloroethene	2.456	61	16112	5.52	ug/l	96
20) Methyl Acetate	2.723	43	3279	5.34	ug/l	100
21) Methyl-t-butyl ether	3.028	73	10833	5.33	ug/l	81
22) 1,1-Dichloroethane	3.353	63	15931	5.37	ug/l	97
23) trans-1,2-Dichloroethene	3.028	96	8084	5.46	ug/l	61
24) cis-1,2-Dichloroethene	3.817	61	14866	5.59	ug/l	91
25) Bromochloromethane	3.994	49	6274	5.39	ug/l	77
26) 2,2-Dichloropropane	3.826	77	10643	5.36	ug/l	95
27) 1,4-Dioxane	5.039	88	2034	262.69	ug/l	55
28) 1,1-Dichloropropene	4.299	75	12340	5.42	ug/l	94
29) Chloroform	4.043	83	15330	5.65	ug/l	97
31) Cyclohexane	4.240	56	13537	5.66	ug/l	92
33) 1,2-Dichloroethane	4.428	62	11365	5.55	ug/l	97
34) 2-Butanone	3.817	43	1935	5.73	ug/l	97
35) 1,1,1-Trichloroethane	4.191	97	13132	5.69	ug/l	97
36) Carbon Tetrachloride	4.309	117	10918	5.17	ug/l	87
37) Vinyl Acetate	3.403	43	20827	5.53	ug/l	100
38) Bromodichloromethane	5.117	83	11215	5.28	ug/l	96
39) Methylcyclohexane	4.960	83	12843	5.27	ug/l	72
40) Dibromomethane	5.039	174	3975	5.24	ug/l	98
41) 1,2-Dichloropropane	4.960	63	8324	6.06	ug/l	99
42) Trichloroethene	4.832	130	8977	5.81	ug/l	93
43) Benzene	4.428	78	28491	5.52	ug/l	100
44) tert-Amyl methyl ether	4.497	73	9491	5.06	ug/l	84
46) Dibromochloromethane	6.074	129	6376	5.28	ug/l	90
47) 2-Chloroethylvinylether	5.285	63	2299	5.26	ug/l	97
48) cis-1,3-Dichloropropene	5.393	75	9819	4.91	ug/l	91
49) trans-1,3-Dichloropropene	5.709	75	8207	4.91	ug/l	89
50) 1,1,2-Trichloroethane	5.827	97	5323	6.12	ug/l	92
51) 1,2-Dibromoethane	6.162	107	4982	5.54	ug/l	93
52) 1,3-Dichloropropane	5.936	76	9236	5.76	ug/l	93
53) 4-Methyl-2-Pentanone	5.472	43	2946	4.70	ug/l	95
54) 2-Hexanone	5.965	43	1783	4.16	ug/l	93
55) Tetrachloroethene	5.945	164	7906	5.75	ug/l	96
57) Toluene	5.600	92	18989	5.64	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.487	133	6803	5.74	ug/l	98
59) Chlorobenzene	6.448	112	19998	5.91	ug/l	96
61) Bromoform	6.951	173	3457	4.56	ug/l	90
62) Ethylbenzene	6.507	106	7305	4.89	ug/l	91
63) 1,1,2,2-Tetrachloroethane	7.187	83	4882	4.71	ug/l	89
65) Styrene	6.813	104	18049	4.95	ug/l	88
66) m&p-Xylenes	6.566	106	25376	10.46	ug/l	99

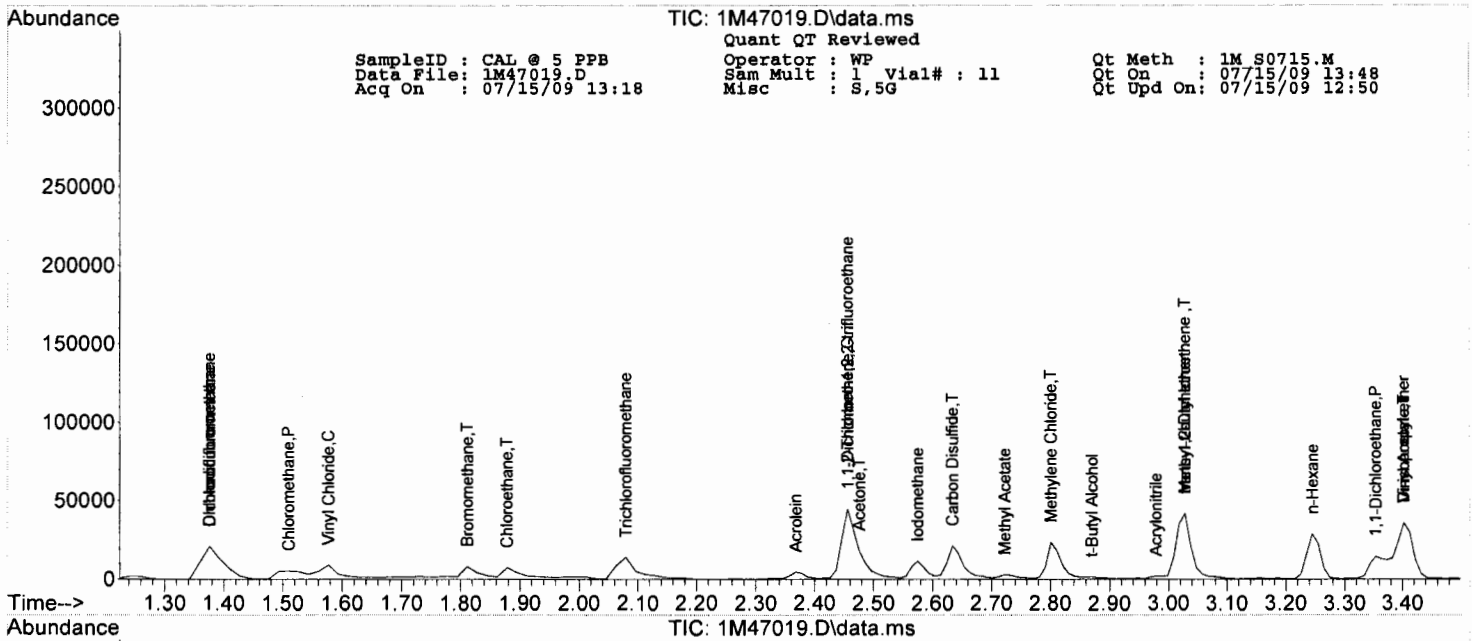
Quantitation Report (QT Reviewed)

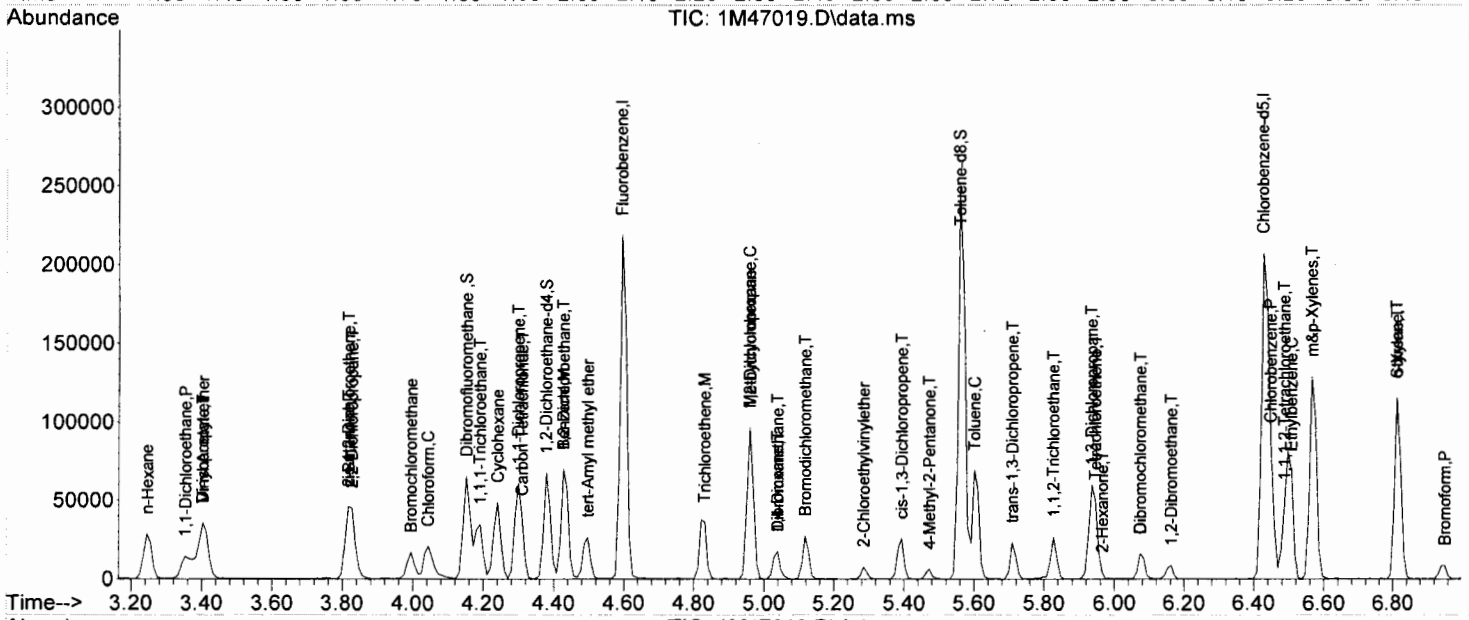
SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47019.D Sam Mult : 1 Vial# : 11 Qt On : 07/15/09 13:48
Acq On : 07/15/09 13:18 Misc : S,5G Qt Upd On: 07/15/09 12:50

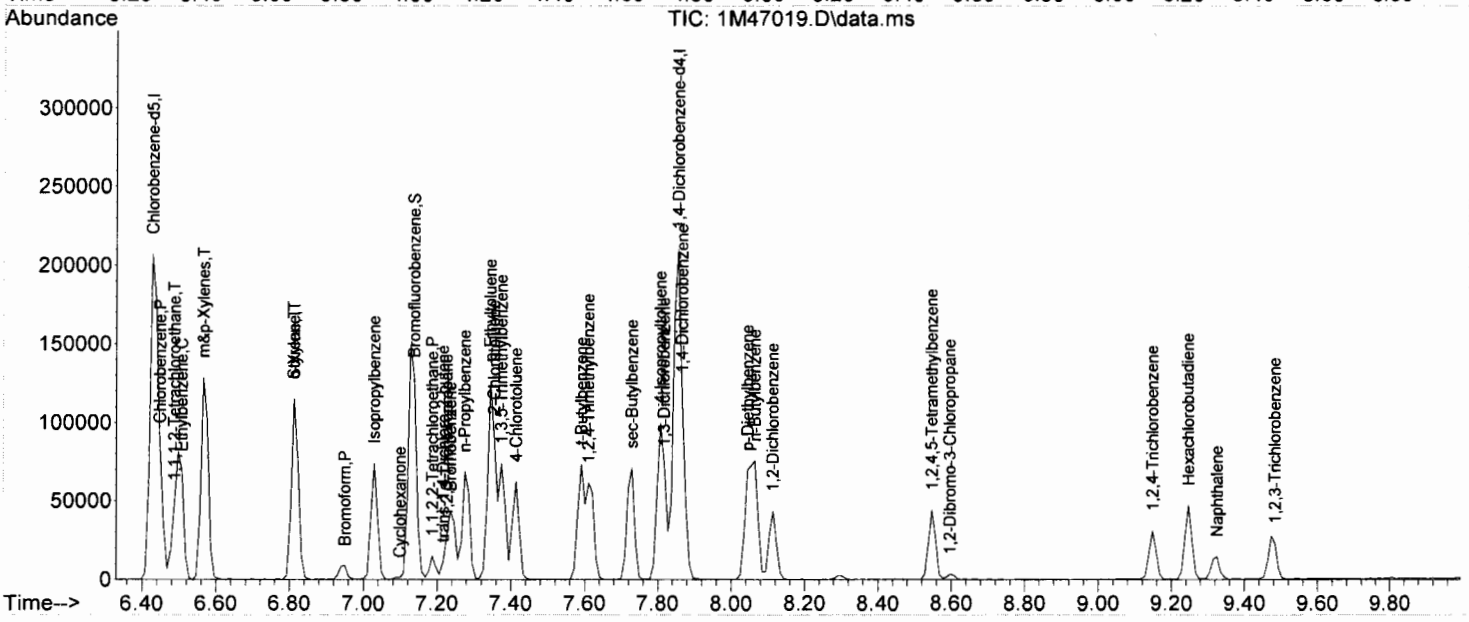
Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67)	o-Xylene	6.813	106	11178	5.05	ug/l		80
68)	trans-1,4-Dichloro-2-b...	7.217	53	1942	4.91	ug/l	#	74
69)	1,3-Dichlorobenzene	7.818	146	16247	5.55	ug/l		91
70)	1,4-Dichlorobenzene	7.867	146	16613	5.95	ug/l		79
71)	1,2-Dichlorobenzene	8.114	146	13190	5.48	ug/l		93
72)	Isopropylbenzene	7.030	105	32387	5.02	ug/l		95
73)	Cyclohexanone	7.098	55	405m	17.10	ug/l		
74)	1,2,3-Trichloropropane	7.227	75	6783	5.00	ug/l		95
75)	2-Chlorotoluene	7.355	91	19968	5.23	ug/l		93
76)	p-Ethyltoluene	7.345	105	38198	5.24	ug/l		97
77)	4-Chlorotoluene	7.414	91	21736	5.81	ug/l		95
78)	n-Propylbenzene	7.276	91	40913	5.03	ug/l		100
79)	Bromobenzene	7.236	77	16917	4.97	ug/l		88
80)	1,3,5-Trimethylbenzene	7.374	105	24615m	5.02	ug/l		
81)	t-Butylbenzene	7.591	119	25872	5.01	ug/l		85
82)	1,2,4-Trimethylbenzene	7.611	105	27931	5.08	ug/l		95
83)	sec-Butylbenzene	7.729	105	37468	5.29	ug/l		95
84)	4-Isopropyltoluene	7.808	119	28561	5.21	ug/l		91
85)	n-Butylbenzene	8.064	91	36015	5.03	ug/l		94
86)	p-Diethylbenzene	8.045	119	15269	4.75	ug/l		96
87)	1,2,4,5-Tetramethylben...	8.547	119	20283	4.78	ug/l		95
88)	1,2-Dibromo-3-Chloropr...	8.597	157	618m	3.35	ug/l		
89)	Hexachlorobutadiene	9.247	225	8153	5.01	ug/l		96
90)	1,2,4-Trichlorobenzene	9.149	180	8332	4.87	ug/l		96
91)	1,2,3-Trichlorobenzene	9.484	180	8499	5.44	ug/l		98
92)	Naphthalene	9.326	128	10797	4.58	ug/l		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47019.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 1M47019.D
Acq On : 07/15/09 13:18
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 13:48
Qt Upd On: 07/15/09 12:50
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M47019.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane ,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M47019.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
1,1,2,2-Tetrachloroethane,T
Ethylbenzene,C
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47018.D Sam Mult : 1 Vial# : 10 Qt On : 07/15/09 13:46
Acq On : 07/15/09 13:01 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.596	96	119062	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.429	117	78644	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.858	152	42539	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.152	111	33895	28.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.20%			
32) 1,2-Dichloroethane-d4	4.379	102	5963	30.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.03%			
56) Toluene-d8	5.562	100	71824	29.69	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.97%			
64) Bromofluorobenzene	7.138	174	34703	30.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.57%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.381	51	43646	9.94	ug/l	1
3) Dichlorodifluoromethane	1.364	85	18902	12.22	ug/l	91
4) Chloromethane	1.515	50	17529	11.23	ug/l	92
5) Bromomethane	1.816	94	7068	10.18	ug/l	85
6) Vinyl Chloride	1.565	62	14646	10.28	ug/l	97
7) Chloroethane	1.883	64	9035	10.64	ug/l	95
8) Trichlorofluoromethane	2.067	101	30703	10.02	ug/l	91
9) 1,1,2-Trichloro-1,2,2-...	2.457	101	14595	10.04	ug/l	91
10) Methylene Chloride	2.802	84	15367	9.68	ug/l	93
11) Acrolein	2.368	56	7202	70.61	ug/l	92
12) Acrylonitrile	2.979	53	2980	9.38	ug/l	96
13) Iodomethane	2.575	142	23915	12.41	ug/l	71
14) Acetone	2.477	43	14411	54.50	ug/l	99
15) Carbon Disulfide	2.634	76	53645	13.46	ug/l	100
16) t-Butyl Alcohol	2.871	59	2085	46.59	ug/l	49
17) n-Hexane	3.245	57	18438	10.91	ug/l	85
18) Di-isopropyl-ether	3.403	45	48309	10.23	ug/l	90
19) 1,1-Dichloroethene	2.457	61	30304	9.66	ug/l	93
20) Methyl Acetate	2.723	43	6623	10.03	ug/l	100
21) Methyl-t-butyl ether	3.019	73	22538	10.32	ug/l	84
22) 1,1-Dichloroethane	3.354	63	30872	9.69	ug/l	90
23) trans-1,2-Dichloroethene	3.029	96	15408	9.70	ug/l	70
24) cis-1,2-Dichloroethene	3.817	61	27868	9.76	ug/l	95
25) Bromochloromethane	3.994	49	13014	10.42	ug/l	79
26) 2,2-Dichloropropane	3.827	77	20434	9.58	ug/l	88
27) 1,4-Dioxane	5.039	88	4437	533.57	ug/l	90
28) 1,1-Dichloropropene	4.300	75	24096	9.86	ug/l	96
29) Chloroform	4.044	83	29150	10.01	ug/l	97
31) Cyclohexane	4.241	56	26062	10.15	ug/l	95
33) 1,2-Dichloroethane	4.428	62	22269	10.13	ug/l	99
34) 2-Butanone	3.817	43	4552	12.56	ug/l	83
35) 1,1,1-Trichloroethane	4.192	97	24728	9.97	ug/l	98
36) Carbon Tetrachloride	4.310	117	21077	9.29	ug/l	93
37) Vinyl Acetate	3.403	43	41079	10.16	ug/l	100
38) Bromodichloromethane	5.118	83	22762	9.99	ug/l	92
39) Methylcyclohexane	4.960	83	25991	9.93	ug/l	70
40) Dibromomethane	5.039	174	8014	9.84	ug/l	86
41) 1,2-Dichloropropane	4.960	63	15010	10.18	ug/l	81
42) Trichloroethene	4.832	130	16588	9.99	ug/l	98
43) Benzene	4.428	78	58521	10.56	ug/l	100
44) tert-Amyl methyl ether	4.497	73	19855	9.86	ug/l	92
46) Dibromochloromethane	6.074	129	13462	10.62	ug/l	93
47) 2-Chloroethylvinylether	5.286	63	4763	10.37	ug/l	96
48) cis-1,3-Dichloropropene	5.394	75	20145	9.59	ug/l	97
49) trans-1,3-Dichloropropene	5.709	75	16832	9.59	ug/l	99
50) 1,1,2-Trichloroethane	5.828	97	10114	11.08	ug/l	90
51) 1,2-Dibromoethane	6.163	107	10261	10.87	ug/l	86
52) 1,3-Dichloropropane	5.936	76	17917	10.64	ug/l	97
53) 4-Methyl-2-Pentanone	5.473	43	7475	11.35	ug/l	89
54) 2-Hexanone	5.956	43	4530	10.08	ug/l	95
55) Tetrachloroethene	5.946	164	14392	9.97	ug/l	93
57) Toluene	5.601	92	36031	10.19	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.488	133	13582	10.91	ug/l	97
59) Chlorobenzene	6.449	112	38460	10.83	ug/l	99
61) Bromoform	6.941	173	7586	9.71	ug/l	96
62) Ethylbenzene	6.508	106	14993	9.75	ug/l	98
63) 1,1,2,2-Tetrachloroethane	7.188	83	10461	9.81	ug/l	93
65) Styrene	6.813	104	38738	10.32	ug/l	89
66) m&p-Xylenes	6.567	106	50184	20.08	ug/l	93

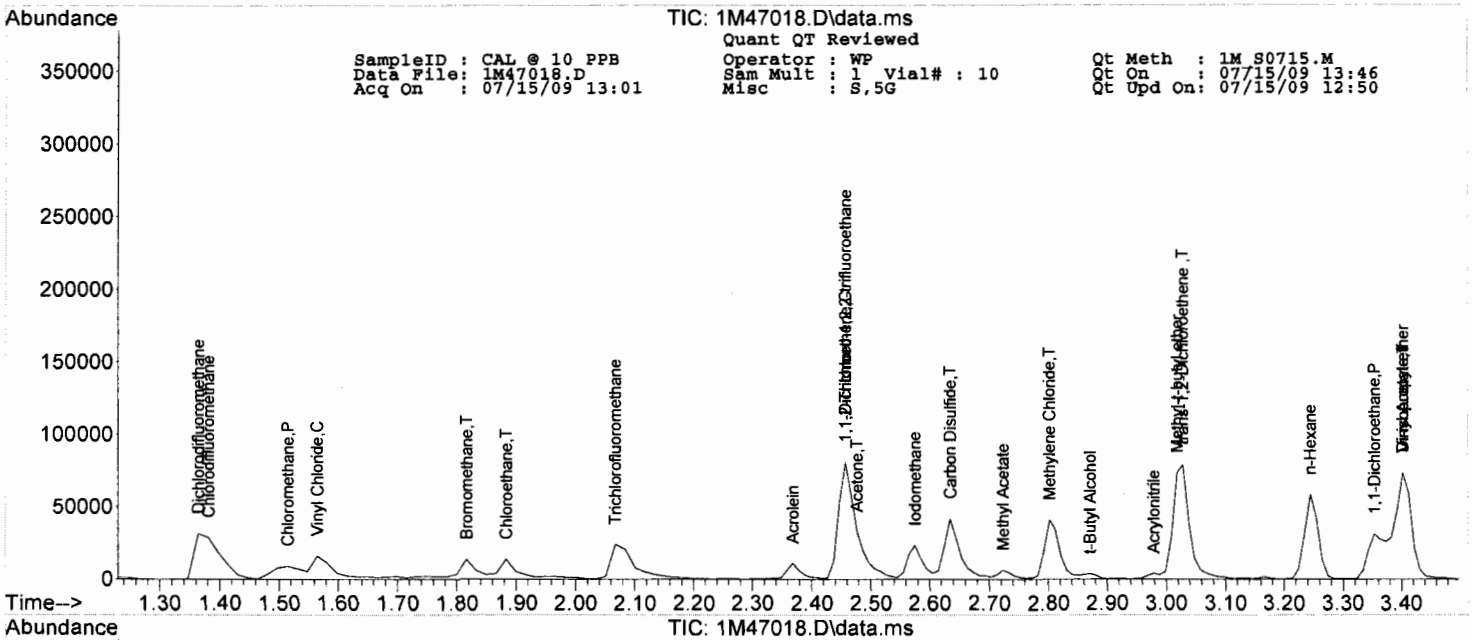
Quantitation Report (QT Reviewed)

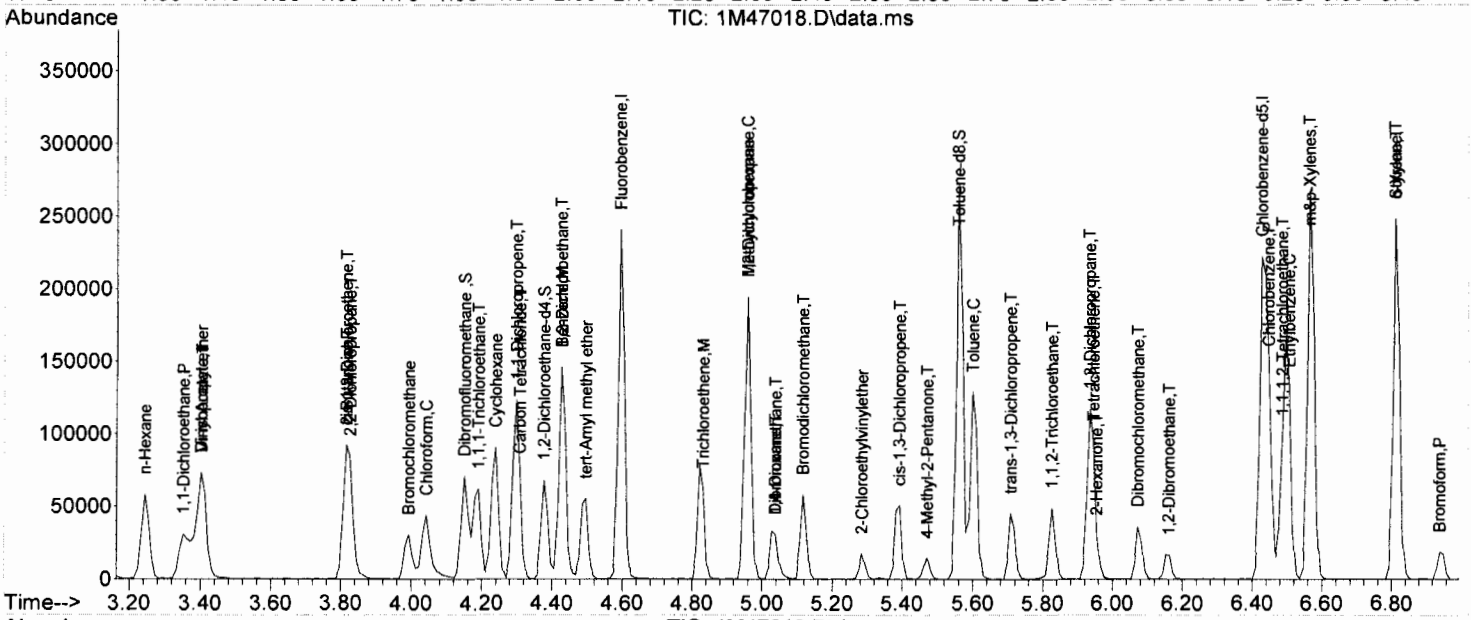
SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47018.D Sam Mult : 1 Vial# : 10 Qt On : 07/15/09 13:46
Acq On : 07/15/09 13:01 Misc : S,5G Qt Upd On: 07/15/09 12:50

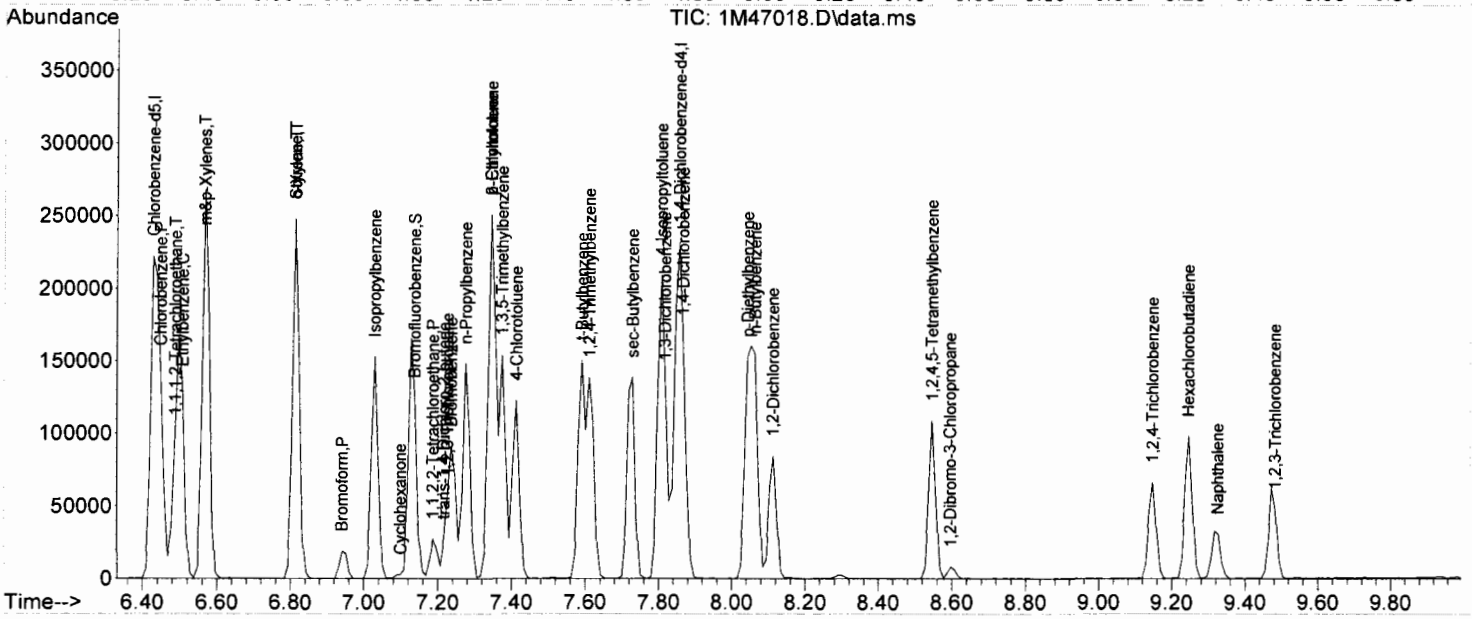
Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.813	106	24504	10.75 ug/l	79
68) trans-1,4-Dichloro-2-b...	7.217	53	4001	9.82 ug/l	81
69) 1,3-Dichlorobenzene	7.819	146	31994	10.61 ug/l	92
70) 1,4-Dichlorobenzene	7.868	146	30348	10.55 ug/l	87
71) 1,2-Dichlorobenzene	8.114	146	25358	10.22 ug/l	91
72) Isopropylbenzene	7.030	105	67646	10.17 ug/l	97
73) Cyclohexanone	7.099	55	1331	54.56 ug/l #	19
74) 1,2,3-Trichloropropane	7.227	75	14258	10.21 ug/l	94
75) 2-Chlorotoluene	7.345	91	42460	10.80 ug/l	96
76) p-Ethyltoluene	7.345	105	77634	10.35 ug/l	99
77) 4-Chlorotoluene	7.414	91	41944	10.88 ug/l	97
78) n-Propylbenzene	7.276	91	84689	10.12 ug/l	100
79) Bromobenzene	7.237	77	35889	10.24 ug/l	89
80) 1,3,5-Trimethylbenzene	7.375	105	51132	10.12 ug/l	60
81) t-Butylbenzene	7.592	119	55368	10.41 ug/l	90
82) 1,2,4-Trimethylbenzene	7.612	105	60820	10.75 ug/l	92
83) sec-Butylbenzene	7.730	105	76723	10.52 ug/l	95
84) 4-Isopropyltoluene	7.809	119	58655	10.39 ug/l	93
85) n-Butylbenzene	8.065	91	74654	10.12 ug/l	96
86) p-Diethylbenzene	8.045	119	33581	10.15 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.548	119	45155	10.34 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.597	157	1975	10.40 ug/l	64
89) Hexachlorobutadiene	9.248	225	17761	10.60 ug/l	99
90) 1,2,4-Trichlorobenzene	9.149	180	16744	9.50 ug/l	98
91) 1,2,3-Trichlorobenzene	9.484	180	16029	9.95 ug/l	94
92) Naphthalene	9.326	128	23410	9.64 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47018.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 1M47018.D
Acq On : 07/15/09 13:01
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 13:46
Qt Upd On: 07/15/09 12:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M47018.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M47018.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,T
1,1,1,2-Tetrachloroethane,T
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 1M47016.D
Acq On : 07/15/09 12:27

Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G

Qt Meth : 1M_S0715.M
Qt On : 07/15/09 12:47
Qt Upd On: 07/15/09 11:45

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.594	96	112856	30.00	ug/l	-0.03
45) Chlorobenzene-d5	6.427	117	80009	30.00	ug/l	-0.04
60) 1,4-Dichlorobenzene-d4	7.857	152	41215	30.00	ug/l	-0.03
System Monitoring Compounds						
30) Dibromofluoromethane	4.151	111	32119	28.52	ug/l	-0.03
Spiked Amount 30.000			Recovery = 95.07%			
32) 1,2-Dichloroethane-d4	4.377	102	5439	29.68	ug/l	-0.03
Spiked Amount 30.000			Recovery = 98.93%			
56) Toluene-d8	5.560	100	69713	28.07	ug/l	-0.03
Spiked Amount 30.000			Recovery = 93.57%			
64) Bromofluorobenzene	7.137	174	32714	29.30	ug/l	-0.03
Spiked Amount 30.000			Recovery = 97.67%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.383	51	164815	39.55	ug/l	1
3) Dichlorodifluoromethane	1.366	85	86187	60.24	ug/l	95
4) Chloromethane	1.500	50	78684	53.83	ug/l	99
5) Bromomethane	1.818	94	33398	50.70	ug/l	98
6) Vinyl Chloride	1.567	62	71786	54.12	ug/l	96
7) Chloroethane	1.885	64	37507	46.44	ug/l	94
8) Trichlorofluoromethane	2.070	101	146041	50.28	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.456	101	67815	48.91	ug/l	92
10) Methylene Chloride	2.801	84	69698	45.95	ug/l	97
11) Acrolein	2.367	56	36517	410.42	ug/l	93
12) Acrylonitrile	2.978	53	15615	52.38	ug/l	100
13) Iodomethane	2.574	142	116342	66.34	ug/l	77
14) Acetone	2.475	43	62508	251.11	ug/l	98
15) Carbon Disulfide	2.633	76	238951	66.22	ug/l	100
16) t-Butyl Alcohol	2.870	59	10148	234.80	ug/l	70
17) n-Hexane	3.244	57	97224	62.30	ug/l	82
18) Di-isopropyl-ether	3.402	45	234809	52.58	ug/l	92
19) 1,1-Dichloroethene	2.456	61	141945	47.21	ug/l	93
20) Methyl Acetate	2.722	43	30651	48.74	ug/l	100
21) Methyl-t-butyl ether	3.017	73	109638	53.52	ug/l	85
22) 1,1-Dichloroethane	3.352	63	141690	46.25	ug/l	97
23) trans-1,2-Dichloroethene	3.027	96	72283	47.57	ug/l	74
24) cis-1,2-Dichloroethene	3.816	61	133336	48.74	ug/l	93
25) Bromochloromethane	3.993	49	57743	48.19	ug/l	85
26) 2,2-Dichloropropane	3.826	77	97550	47.77	ug/l	93
27) 1,4-Dioxane	5.038	88	20416	2555.91	ug/l	86
28) 1,1-Dichloropropene	4.299	75	114674	48.96	ug/l	95
29) Chloroform	4.042	83	131711	47.22	ug/l	99
31) Cyclohexane	4.239	56	135781	56.10	ug/l	96
33) 1,2-Dichloroethane	4.427	62	101670	48.62	ug/l	99
34) 2-Butanone	3.816	43	18874	55.32	ug/l	99
35) 1,1,1-Trichloroethane	4.190	97	113951	48.04	ug/l	98
36) Carbon Tetrachloride	4.308	117	100881	46.38	ug/l	89
37) Vinyl Acetate	3.402	43	204299	53.65	ug/l	100
38) Bromodichloromethane	5.117	83	106470	49.09	ug/l	98
39) Methylcyclohexane	4.959	83	130419	52.32	ug/l	71
40) Dibromomethane	5.038	174	39416	50.89	ug/l	92
41) 1,2-Dichloropropane	4.959	63	71648	51.09	ug/l	89
42) Trichloroethene	4.831	130	76207	47.99	ug/l	95
43) Benzene	4.427	78	257320	48.63	ug/l	100
44) tert-Amyl methyl ether	4.496	73	100952	52.81	ug/l	88
46) Dibromochloromethane	6.073	129	62583	48.08	ug/l	98
47) 2-Chloroethylvinylether	5.284	63	25553	55.17	ug/l	90
48) cis-1,3-Dichloropropene	5.393	75	106194	49.03	ug/l	95
49) trans-1,3-Dichloropropene	5.708	75	89012	49.33	ug/l	99
50) 1,1,2-Trichloroethane	5.826	97	45036	48.08	ug/l	96
51) 1,2-Dibromoethane	6.161	107	48422	50.37	ug/l	95
52) 1,3-Dichloropropane	5.935	76	82696	47.65	ug/l	99
53) 4-Methyl-2-Pentanone	5.471	43	35238	52.43	ug/l	85
54) 2-Hexanone	5.954	43	25546	56.33	ug/l	92
55) Tetrachloroethene	5.945	164	67187	44.86	ug/l	99
57) Toluene	5.600	92	164557	45.14	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.487	133	61695	48.34	ug/l	96
59) Chlorobenzene	6.447	112	172147	47.08	ug/l	98
61) Bromoform	6.950	173	36834	48.39	ug/l	95
62) Ethylbenzene	6.506	106	74328	49.83	ug/l	97
63) 1,1,2,2-Tetrachloroethane	7.186	83	51050	49.50	ug/l	86
65) Styrene	6.822	104	183991	50.15	ug/l	99
66) m&p-Xylenes	6.565	106	225620	92.43	ug/l	90

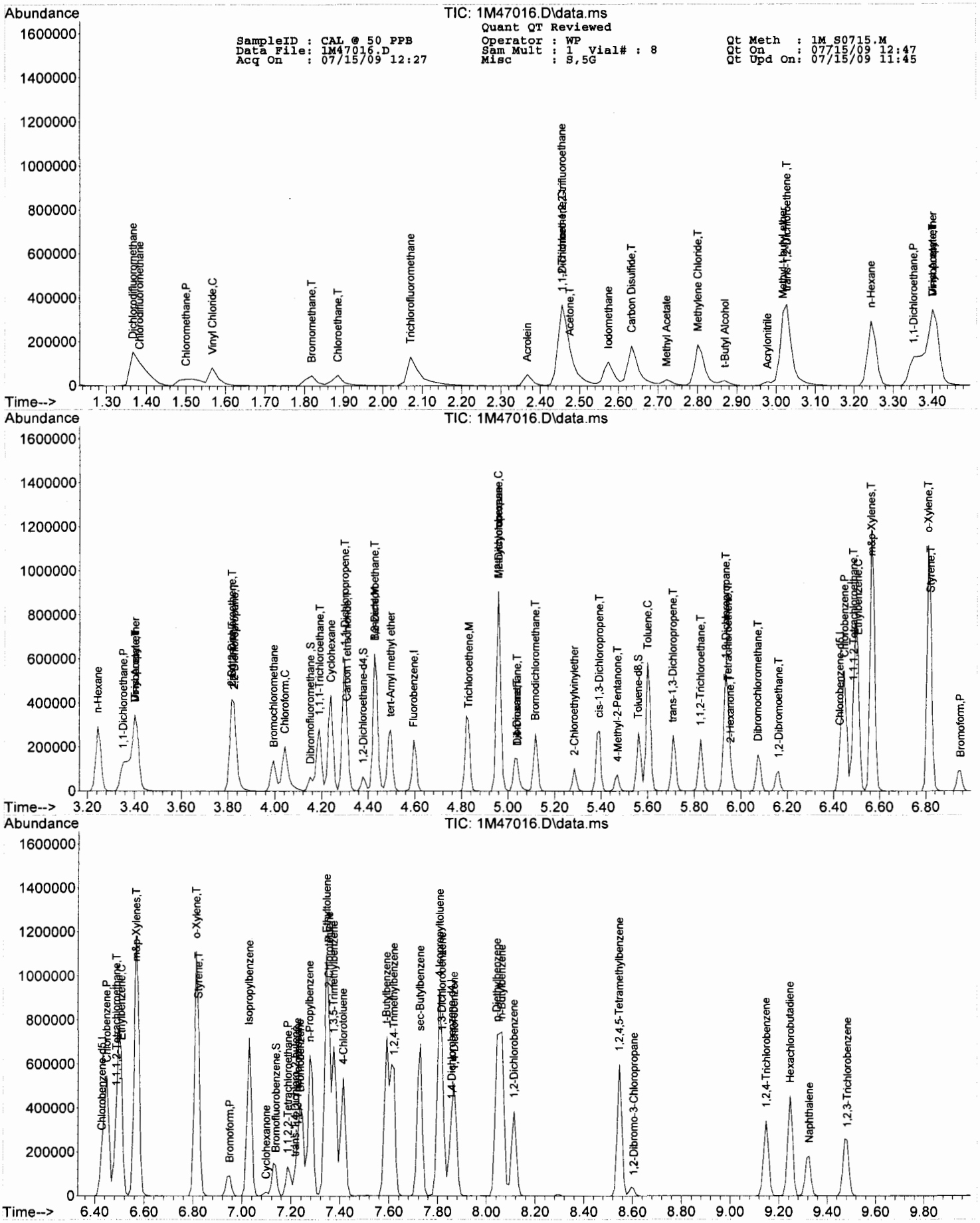
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47016.D Sam Mult : 1 Vial# : 8 Qt On : 07/15/09 12:47
Acq On : 07/15/09 12:27 Misc : S,5G Qt Upd On: 07/15/09 11:45

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.812	106	113343	50.92 ug/l	84
68) trans-1,4-Dichloro-2-b...	7.216	53	19276	48.29 ug/l	79
69) 1,3-Dichlorobenzene	7.817	146	137197	46.74 ug/l	93
70) 1,4-Dichlorobenzene	7.866	146	134667	48.15 ug/l	94
71) 1,2-Dichlorobenzene	8.113	146	118021	48.81 ug/l	92
72) Isopropylbenzene	7.029	105	322893	49.72 ug/l	96
73) Cyclohexanone	7.098	55	6378	264.00 ug/l	91
74) 1,2,3-Trichloropropane	7.226	75	66910	49.35 ug/l	92
75) 2-Chlorotoluene	7.354	91	183360	48.05 ug/l	97
76) p-Ethyltoluene	7.344	105	349954	47.56 ug/l	95
77) 4-Chlorotoluene	7.413	91	183616	48.81 ug/l	96
78) n-Propylbenzene	7.275	91	399762	48.91 ug/l	100
79) Bromobenzene	7.236	77	163750	47.96 ug/l	89
80) 1,3,5-Trimethylbenzene	7.374	105	238233	48.79 ug/l	51
81) t-Butylbenzene	7.590	119	264585	51.22 ug/l	89
82) 1,2,4-Trimethylbenzene	7.620	105	272765	49.51 ug/l	94
83) sec-Butylbenzene	7.728	105	359109	50.60 ug/l	96
84) 4-Isopropyltoluene	7.807	119	277224	50.39 ug/l	93
85) n-Butylbenzene	8.064	91	355715	49.46 ug/l	98
86) p-Diethylbenzene	8.044	119	166010	51.47 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.546	119	247321	59.33 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.606	157	9772	53.57 ug/l	76
89) Hexachlorobutadiene	9.246	225	80015	49.05 ug/l	99
90) 1,2,4-Trichlorobenzene	9.148	180	83983	49.06 ug/l	97
91) 1,2,3-Trichlorobenzene	9.483	180	75479	48.15 ug/l	96
92) Naphthalene	9.325	128	125100	53.07 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M47016.D
Acq On : 07/15/09 12:27
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 12:47
Qt Upd On: 07/15/09 11:45
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47015.D Sam Mult : 1 Vial# : 7 Qt On : 07/15/09 13:00
Acq On : 07/15/09 12:09 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.595	96	113908	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.429	117	80098	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.858	152	39953	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.152	111	33157	29.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.33%			
32) 1,2-Dichloroethane-d4	4.379	102	5534	29.99	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.97%			
56) Toluene-d8	5.561	100	73122	29.68	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.93%			
64) Bromofluorobenzene	7.138	174	33239	30.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.57%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.382	51	296455	70.57	ug/l	1
3) Dichlorodifluoromethane	1.365	85	160700	108.56	ug/l	97
4) Chloromethane	1.516	50	143677	96.22	ug/l	99
5) Bromomethane	1.817	94	60203	90.62	ug/l	99
6) Vinyl Chloride	1.566	62	130659	95.87	ug/l	95
7) Chloroethane	1.884	64	69922	86.09	ug/l	99
8) Trichlorofluoromethane	2.068	101	262400	89.50	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.457	101	125608	90.33	ug/l	90
10) Methylene Chloride	2.802	84	131173	86.36	ug/l	99
11) Acrolein	2.368	56	67648	693.24	ug/l	97
12) Acrylonitrile	2.979	53	29424	96.80	ug/l	93
13) Iodomethane	2.575	142	216221	117.28	ug/l	73
14) Acetone	2.476	43	119305	471.61	ug/l	99
15) Carbon Disulfide	2.634	76	439966	115.39	ug/l	100
16) t-Butyl Alcohol	2.871	59	24746	578.02	ug/l	84
17) n-Hexane	3.245	57	184993	114.36	ug/l	79
18) Di-isopropyl-ether	3.403	45	435029	96.30	ug/l	95
19) 1,1-Dichloroethene	2.457	61	260593	86.84	ug/l	95
20) Methyl Acetate	2.723	43	58495	92.63	ug/l	100
21) Methyl-t-butyl ether	3.018	73	206722	98.94	ug/l	84
22) 1,1-Dichloroethane	3.354	63	263438	86.39	ug/l	99
23) trans-1,2-Dichloroethene	3.028	96	130844	86.07	ug/l	76
24) cis-1,2-Dichloroethene	3.817	61	249242	91.22	ug/l	92
25) Bromochloromethane	3.994	49	103655	86.71	ug/l	86
26) 2,2-Dichloropropane	3.827	77	186156	91.22	ug/l	92
27) 1,4-Dioxane	5.039	88	49836	6264.20	ug/l	89
28) 1,1-Dichloropropene	4.300	75	207654	88.79	ug/l	94
29) Chloroform	4.043	83	244282	87.69	ug/l	98
31) Cyclohexane	4.241	56	252256	102.71	ug/l	96
33) 1,2-Dichloroethane	4.428	62	187177	89.03	ug/l	99
34) 2-Butanone	3.817	43	37260	107.47	ug/l	95
35) 1,1,1-Trichloroethane	4.191	97	207686	87.51	ug/l	99
36) Carbon Tetrachloride	4.310	117	185628	85.48	ug/l	93
37) Vinyl Acetate	3.403	43	386244	99.84	ug/l	100
38) Bromodichloromethane	5.118	83	194454	89.18	ug/l	95
39) Methylcyclohexane	4.960	83	241782	96.53	ug/l	70
40) Dibromomethane	5.039	174	70789	90.85	ug/l	92
41) 1,2-Dichloropropane	4.960	63	132243	93.75	ug/l	87
42) Trichloroethene	4.822	130	144077	90.73	ug/l	87
43) Benzene	4.428	78	474224	89.48	ug/l	100
44) tert-Amyl methyl ether	4.497	73	188543	97.83	ug/l	87
46) Dibromochloromethane	6.074	129	116781	90.47	ug/l	97
47) 2-Chloroethylvinylether	5.285	63	51103	109.27	ug/l	94
48) cis-1,3-Dichloropropene	5.384	75	202636	94.69	ug/l	98
49) trans-1,3-Dichloropropene	5.709	75	171540	95.96	ug/l	97
50) 1,1,2-Trichloroethane	5.827	97	83758	90.10	ug/l	95
51) 1,2-Dibromoethane	6.153	107	88011	91.55	ug/l	96
52) 1,3-Dichloropropane	5.926	76	155285	90.56	ug/l	96
53) 4-Methyl-2-Pentanone	5.473	43	70381	104.93	ug/l	88
54) 2-Hexanone	5.955	43	49425	107.95	ug/l	99
55) Tetrachloroethene	5.946	164	120819	82.14	ug/l	100
57) Toluene	5.601	92	303998	84.38	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.488	133	113622	89.64	ug/l	97
59) Chlorobenzene	6.448	112	319854	88.46	ug/l	99
61) Bromoform	6.941	173	71290	97.19	ug/l	98
62) Ethylbenzene	6.507	106	125496	86.91	ug/l	98
63) 1,1,2,2-Tetrachloroethane	7.187	83	94606	94.42	ug/l	88
65) Styrene	6.813	104	344468	97.72	ug/l	90
66) m&p-Xylenes	6.567	106	407849	173.77	ug/l	93

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB
Data File: 1M47015.D
Acq On : 07/15/09 12:09

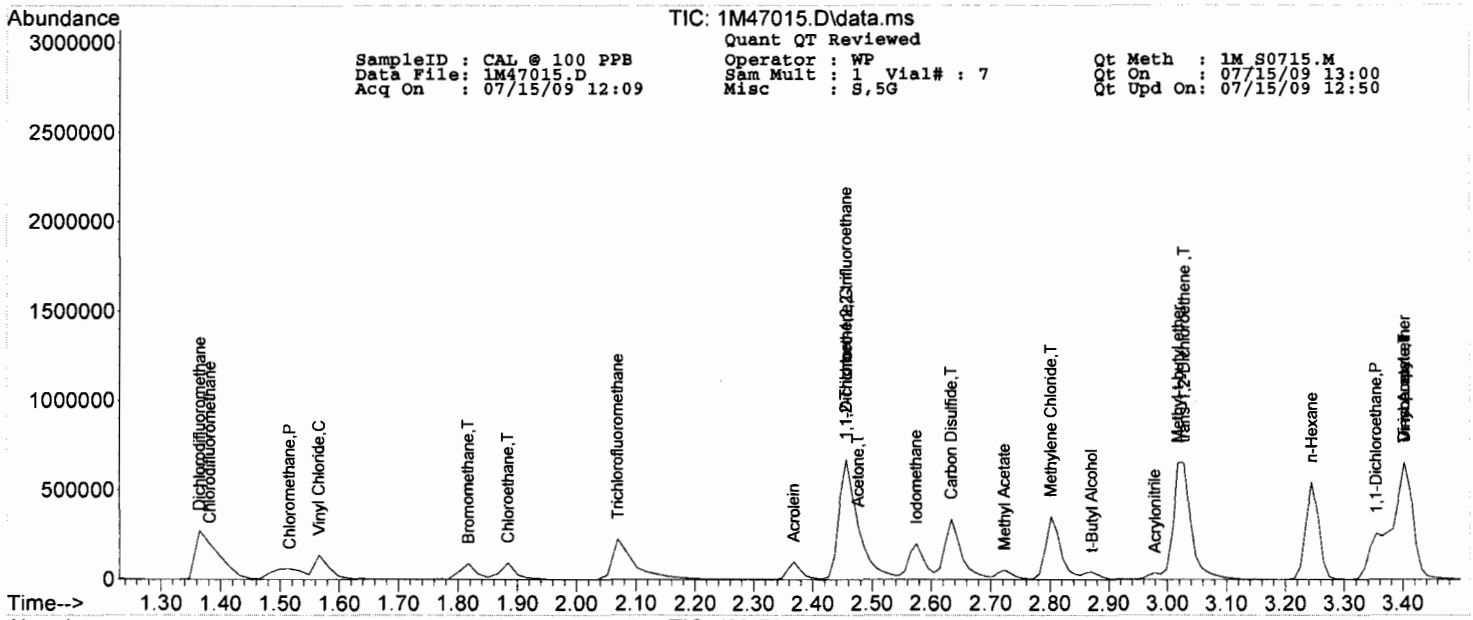
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : S,5G

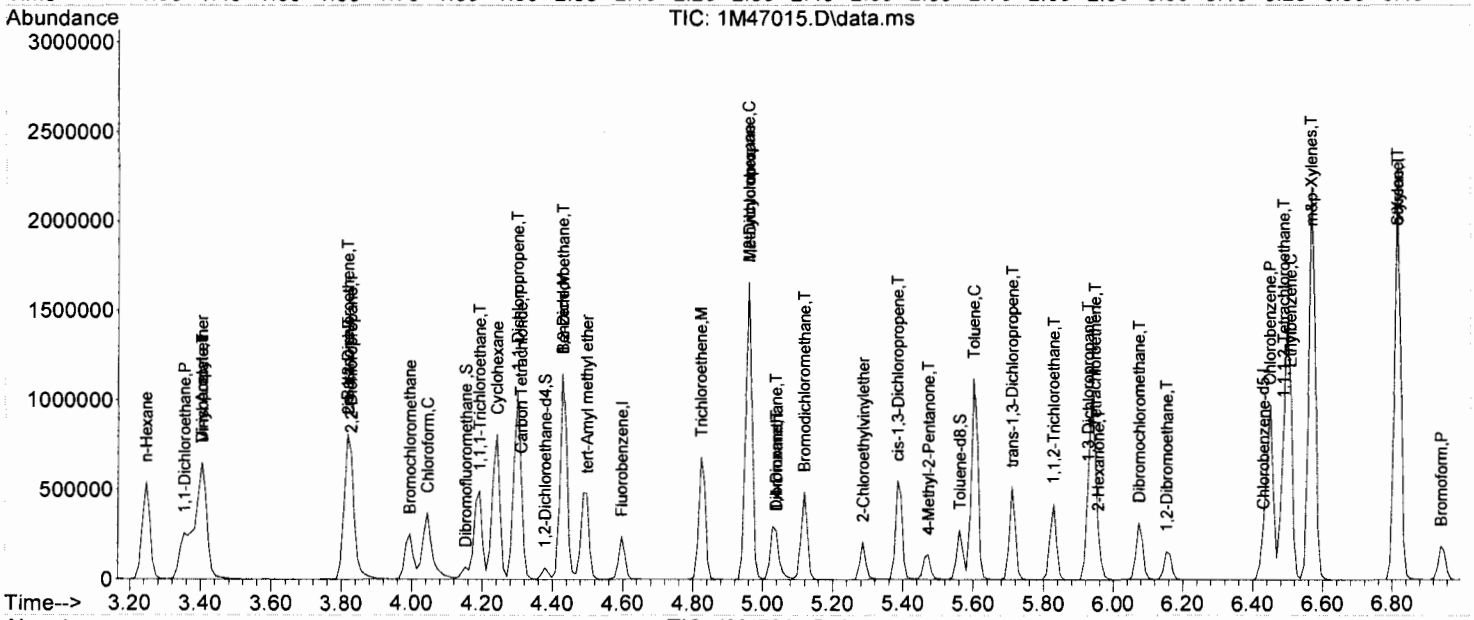
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 13:00
Qt Upd On: 07/15/09 12:50

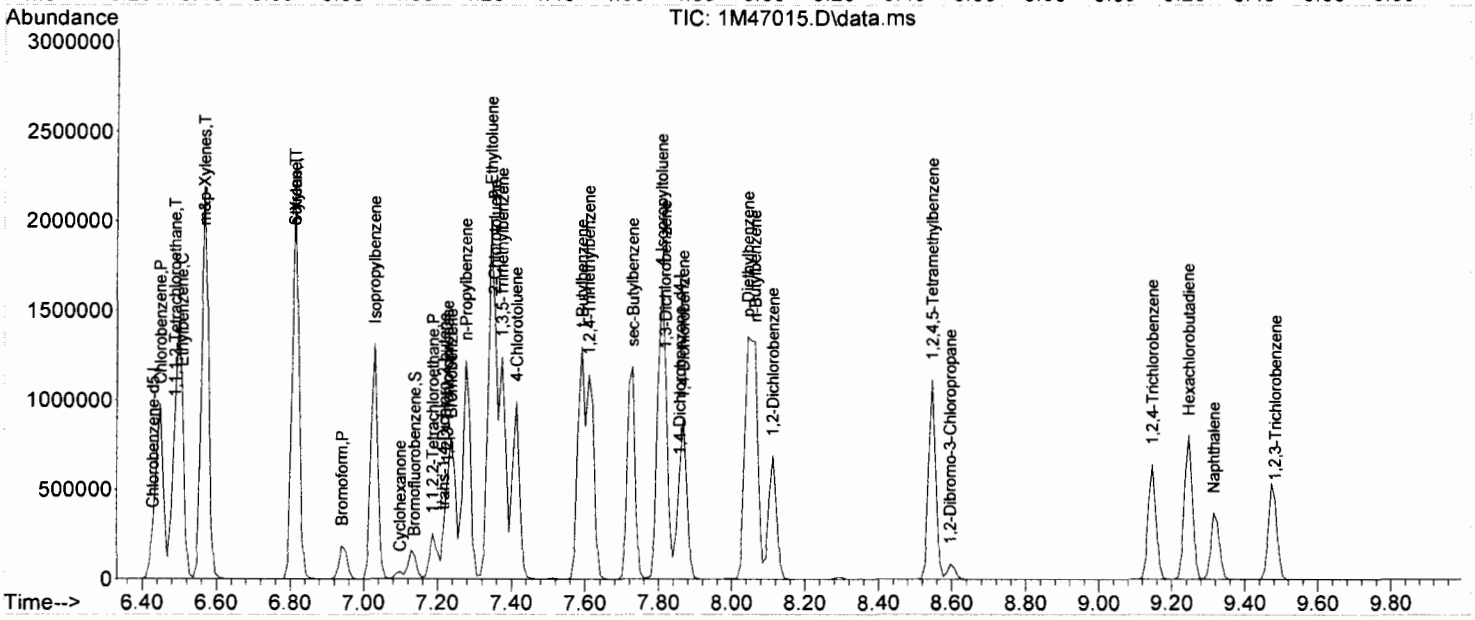
Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.813	106	208108	97.24 ug/l	87
68) trans-1,4-Dichloro-2-b...	7.217	53	36150	94.46 ug/l	76
69) 1,3-Dichlorobenzene	7.818	146	246343	86.98 ug/l	92
70) 1,4-Dichlorobenzene	7.867	146	240606	89.07 ug/l	93
71) 1,2-Dichlorobenzene	8.114	146	215455	92.44 ug/l	92
72) Isopropylbenzene	7.030	105	599449	95.99 ug/l	97
73) Cyclohexanone	7.099	55	15122	660.00 ug/l	95
74) 1,2,3-Trichloropropane	7.227	75	122229	93.15 ug/l	93
75) 2-Chlorotoluene	7.355	91	308608	83.58 ug/l	95
76) p-Ethyltoluene	7.345	105	650324	92.29 ug/l	97
77) 4-Chlorotoluene	7.414	91	334656	92.40 ug/l	96
78) n-Propylbenzene	7.276	91	726519	92.40 ug/l	99
79) Bromobenzene	7.237	77	304609	92.52 ug/l	87
80) 1,3,5-Trimethylbenzene	7.375	105	401045m	84.47 ug/l	
81) t-Butylbenzene	7.592	119	474856	95.10 ug/l	89
82) 1,2,4-Trimethylbenzene	7.611	105	491201	92.42 ug/l	95
83) sec-Butylbenzene	7.730	105	649911	94.87 ug/l	97
84) 4-Isopropyltoluene	7.808	119	505144	95.27 ug/l	93
85) n-Butylbenzene	8.065	91	650224	93.82 ug/l	97
86) p-Diethylbenzene	8.045	119	304465	97.98 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.548	119	462039	112.64 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.597	157	18328	102.75 ug/l	77
89) Hexachlorobutadiene	9.247	225	146204	92.92 ug/l	97
90) 1,2,4-Trichlorobenzene	9.149	180	163530	98.83 ug/l	98
91) 1,2,3-Trichlorobenzene	9.484	180	146004	96.53 ug/l	96
92) Naphthalene	9.316	128	247381	108.45 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47015.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 1M47015.D
Acq On : 07/15/09 12:09
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 13:00
Qt Upd On: 07/15/09 12:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M47015.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5
Bromoform,P
Time-->


Abundance
TIC: 1M47015.D\data.ms
Chlorobenzene-d5
Chlorobenzene,P
1,1,1,2-Tetrachloroethane,T
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47014.D Sam Mult : 1 Vial# : 6 Qt On : 07/15/09 12:57
Acq On : 07/15/09 11:52 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.595	96	109651	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.428	117	77935	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.857	152	40333	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.151	111	31440	28.76	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.87%			
32) 1,2-Dichloroethane-d4	4.378	102	4920	27.70	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.33%			
56) Toluene-d8	5.560	100	70596	29.45	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.17%			
64) Bromofluorobenzene	7.137	174	33015	30.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.90%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.377	51	663792	164.14	ug/l	1
3) Dichlorodifluoromethane	1.360	85	374594	262.88	ug/l	95
4) Chloromethane	1.494	50	324494	225.74	ug/l	98
5) Bromomethane	1.812	94	142114	222.23	ug/l	98
6) Vinyl Chloride	1.578	62	272649	207.83	ug/l	99
7) Chloroethane	1.879	64	158457	202.68	ug/l	96
8) Trichlorofluoromethane	2.080	101	540343	191.45	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.456	101	275578	205.86	ug/l	91
10) Methylene Chloride	2.801	84	300627	205.61	ug/l	96
11) Acrolein	2.367	56	161972	1724.29	ug/l	100
12) Acrylonitrile	2.978	53	69407	237.21	ug/l	98
13) Iodomethane	2.574	142	498301	280.78	ug/l	74
14) Acetone	2.476	43	265685	1091.03	ug/l	100
15) Carbon Disulfide	2.633	76	1006227	274.15	ug/l	100
16) t-Butyl Alcohol	2.870	59	50657	1229.19	ug/l	92
17) n-Hexane	3.244	57	423840	272.19	ug/l	80
18) Di-isopropyl-ether	3.402	45	987417	227.07	ug/l	93
19) 1,1-Dichloroethene	2.456	61	599910	207.68	ug/l	95
20) Methyl Acetate	2.722	43	139327	229.20	ug/l	100
21) Methyl-t-butyl ether	3.018	73	485664	241.47	ug/l	85
22) 1,1-Dichloroethane	3.353	63	614570	209.35	ug/l	98
23) trans-1,2-Dichloroethene	3.028	96	297159	203.05	ug/l	77
24) cis-1,2-Dichloroethene	3.816	61	574305	218.34	ug/l	94
25) Bromochloromethane	3.993	49	241458	209.84	ug/l	84
26) 2,2-Dichloropropane	3.826	77	427294	217.52	ug/l	93
27) 1,4-Dioxane	5.038	88	87575	11435.22	ug/l	85
28) 1,1-Dichloropropene	4.299	75	454730	201.99	ug/l	96
29) Chloroform	4.043	83	566582	211.28	ug/l	100
31) Cyclohexane	4.240	56	565102	239.02	ug/l	96
33) 1,2-Dichloroethane	4.427	62	410855	203.00	ug/l	97
34) 2-Butanone	3.816	43	85851	257.23	ug/l	95
35) 1,1,1-Trichloroethane	4.191	97	479225	209.77	ug/l	98
36) Carbon Tetrachloride	4.309	117	395547	189.21	ug/l	90
37) Vinyl Acetate	3.402	43	899187	241.45	ug/l	100
38) Bromodichloromethane	5.117	83	451858	215.27	ug/l	95
39) Methylcyclohexane	4.959	83	523113	216.95	ug/l	74
40) Dibromomethane	5.038	174	160466	213.94	ug/l	94
41) 1,2-Dichloropropane	4.959	63	299864	220.84	ug/l	89
42) Trichloroethene	4.831	130	315629	206.48	ug/l	96
43) Benzene	4.427	78	1039854	203.82	ug/l	100
44) tert-Amyl methyl ether	4.496	73	444665	239.69	ug/l	84
46) Dibromochloromethane	6.073	129	271843	216.45	ug/l	97
47) 2-Chloroethylvinylether	5.285	63	125139	275.00	ug/l	91
48) cis-1,3-Dichloropropene	5.393	75	482835	231.88	ug/l	98
49) trans-1,3-Dichloropropene	5.708	75	411276	236.46	ug/l	97
50) 1,1,2-Trichloroethane	5.827	97	194371	214.90	ug/l	95
51) 1,2-Dibromoethane	6.162	107	206776	221.07	ug/l	93
52) 1,3-Dichloropropane	5.935	76	352967	211.57	ug/l	96
53) 4-Methyl-2-Pentanone	5.472	43	166531	255.17	ug/l	90
54) 2-Hexanone	5.955	43	115420	259.08	ug/l	98
55) Tetrachloroethene	5.945	164	264686	184.94	ug/l	100
57) Toluene	5.600	92	679522	193.86	ug/l	95
58) 1,1,1,2-Tetrachloroethane	6.487	133	256349	207.86	ug/l	98
59) Chlorobenzene	6.447	112	711476	202.24	ug/l	100
61) Bromoform	6.950	173	170323	230.03	ug/l	98
62) Ethylbenzene	6.507	106	286272	196.39	ug/l	99
63) 1,1,2,2-Tetrachloroethane	7.187	83	221323	218.80	ug/l	87
65) Styrene	6.812	104	734735	206.46	ug/l	84
66) m&p-Xylenes	6.566	106	853529	360.22	ug/l	96

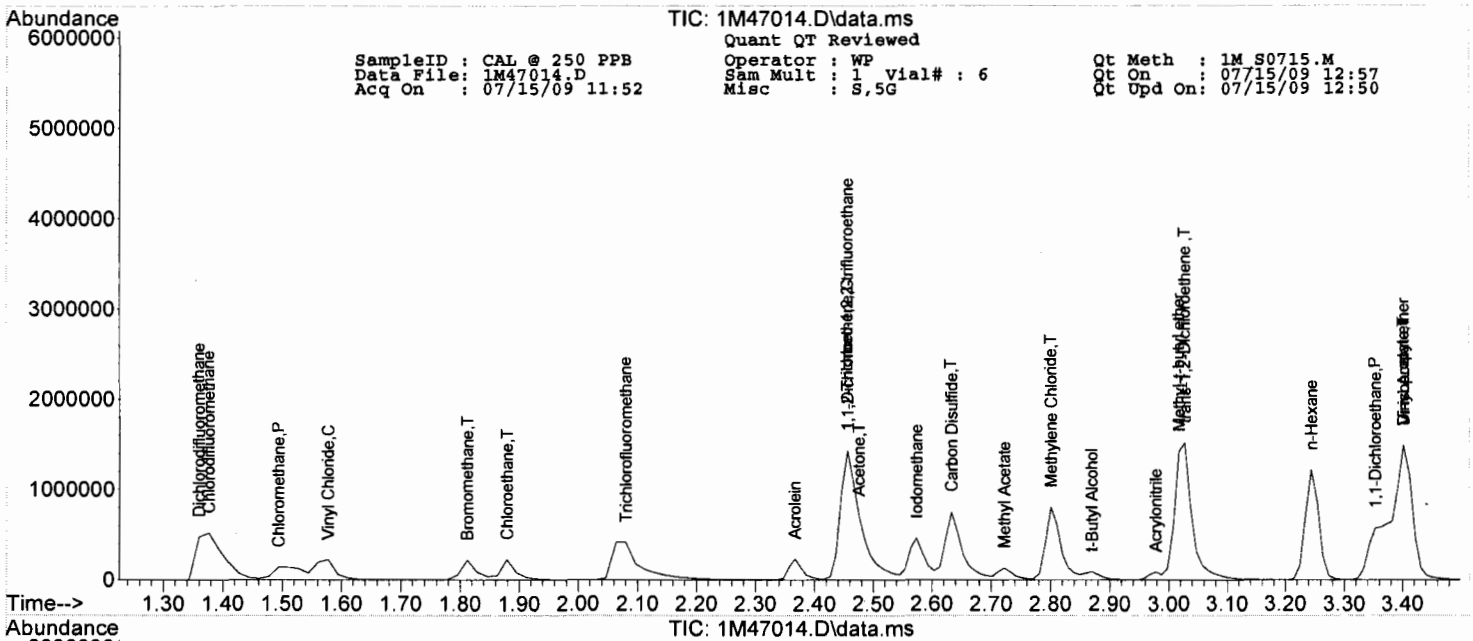
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47014.D Sam Mult : 1 Vial# : 6 Qt On : 07/15/09 12:57
Acq On : 07/15/09 11:52 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.812	106	445916	206.40 ug/l	87
68) trans-1,4-Dichloro-2-b...	7.216	53	86280	223.33 ug/l	72
69) 1,3-Dichlorobenzene	7.817	146	523829	183.21 ug/l	90
70) 1,4-Dichlorobenzene	7.867	146	537248	197.01 ug/l	94
71) 1,2-Dichlorobenzene	8.113	146	487323	207.11 ug/l	93
72) Isopropylbenzene	7.029	105	1301449	206.44 ug/l	97
73) Cyclohexanone	7.098	55	29193	1262.13 ug/l	95
74) 1,2,3-Trichloropropane	7.226	75	282725	213.43 ug/l	93
75) 2-Chlorotoluene	7.354	91	702144	188.36 ug/l	97
76) p-Ethyltoluene	7.344	105	1332392	187.30 ug/l	96
77) 4-Chlorotoluene	7.413	91	737536	201.71 ug/l	96
78) n-Propylbenzene	7.275	91	1555691	195.99 ug/l	98
79) Bromobenzene	7.236	77	687370	206.80 ug/l	87
80) 1,3,5-Trimethylbenzene	7.374	105	898910	187.55 ug/l	52
81) t-Butylbenzene	7.591	119	1039431	206.21 ug/l	89
82) 1,2,4-Trimethylbenzene	7.620	105	1063570	198.22 ug/l	95
83) sec-Butylbenzene	7.729	105	1400192	202.48 ug/l	98
84) 4-Isopropyltoluene	7.808	119	1066224	199.20 ug/l	93
85) n-Butylbenzene	8.064	91	1378696	197.05 ug/l	97
86) p-Diethylbenzene	8.044	119	668820	213.21 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.547	119	1030280	248.80 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.606	157	43646	242.37 ug/l	71
89) Hexachlorobutadiene	9.247	225	320143	201.56 ug/l	97
90) 1,2,4-Trichlorobenzene	9.148	180	369517	221.21 ug/l	97
91) 1,2,3-Trichlorobenzene	9.483	180	321173	210.34 ug/l	96
92) Naphthalene	9.325	128	553012	240.15 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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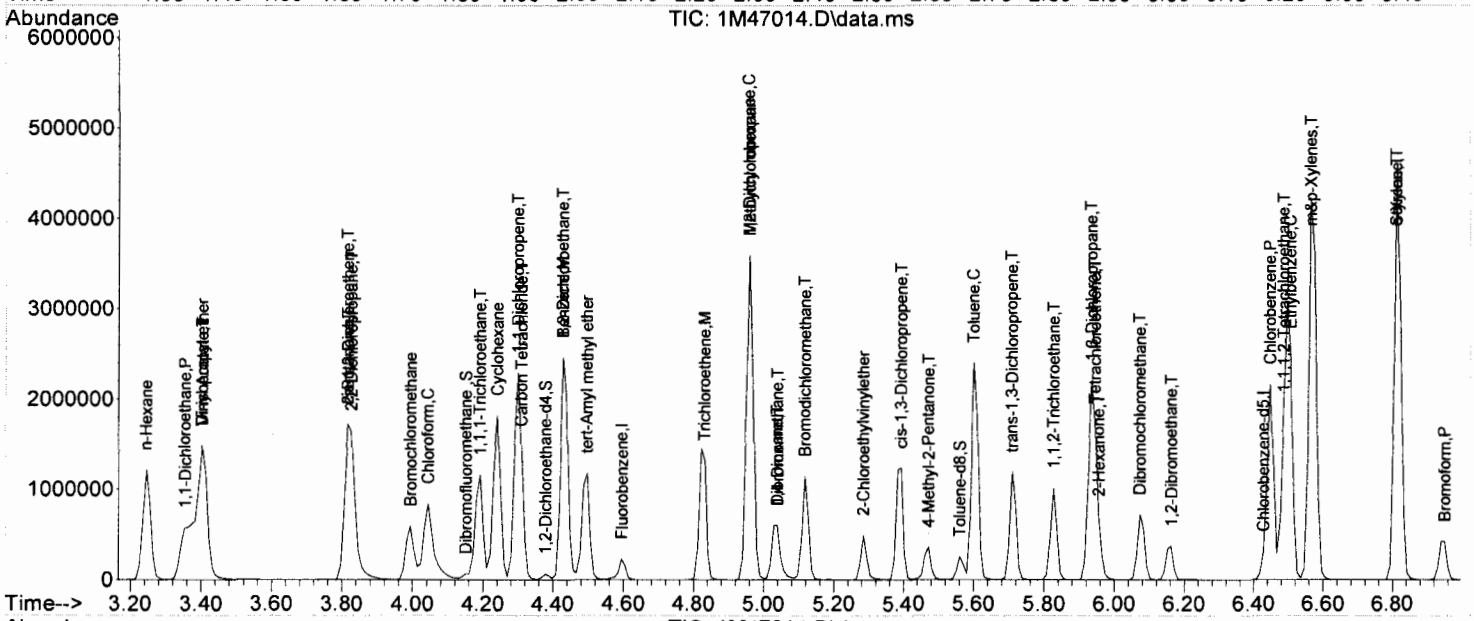
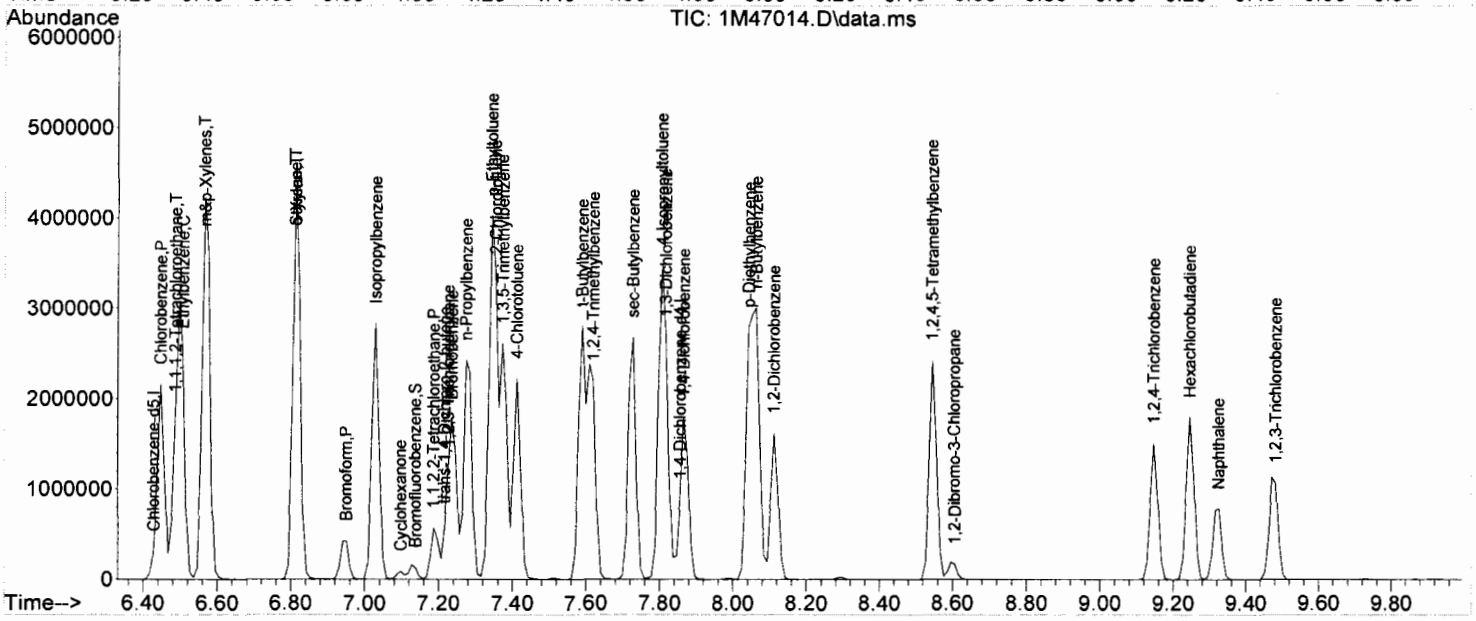
SampleID : CAL @ 250 PPB
Data File: 1M47014.D
Acq On : 07/15/09 11:52
Quant QT Reviewed
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 12:57
Qt Upd On: 07/15/09 12:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M47014.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M47014.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
p-Diethylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB
Data File: 1M47013.D
Acq On : 07/15/09 11:35

Operator : WP
Sam Mult : 1 Vial# : 5
Misc : S,5G

Qt Meth : 1M_S0715.M
Qt On : 07/15/09 12:55
Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.596	96	106030	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.429	117	74931	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.858	152	37103	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.152	111	30626	28.97	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.57%			
32) 1,2-Dichloroethane-d4	4.379	102	5169	30.09	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.30%			
56) Toluene-d8	5.562	100	67632	29.34	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.80%			
64) Bromofluorobenzene	7.129	174	31597	31.49	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.97%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.381	51	1269348	324.59	ug/l	1
3) Dichlorodifluoromethane	1.364	85	728976	529.04	ug/l	96
4) Chloromethane	1.515	50	660199	474.96	ug/l	99
5) Bromomethane	1.800	94	272453	440.59	ug/l	97
6) Vinyl Chloride	1.565	62	582394	459.09	ug/l	98
7) Chloroethane	1.883	64	299710	396.45	ug/l	94
8) Trichlorofluoromethane	2.068	101	1084920	397.52	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.457	101	515276	398.07	ug/l	91
10) Methylene Chloride	2.802	84	544383	385.04	ug/l	96
11) Acrolein	2.368	56	340842	3752.39	ug/l	100
12) Acrylonitrile	2.979	53	124779	441.02	ug/l	96
13) Iodomethane	2.575	142	912890	531.96	ug/l	75
14) Acetone	2.477	43	482351	2048.41	ug/l	99
15) Carbon Disulfide	2.634	76	1820367	512.90	ug/l	100
16) t-Butyl Alcohol	2.871	59	95690	2401.21	ug/l	80
17) n-Hexane	3.245	57	775244	514.87	ug/l	80
18) Di-isopropyl-ether	3.403	45	1762022	419.04	ug/l	94
19) 1,1-Dichloroethene	2.457	61	1085544	388.64	ug/l	96
20) Methyl Acetate	2.723	43	248507	422.76	ug/l	100
21) Methyl-t-butyl ether	3.019	73	881544	453.27	ug/l	85
22) 1,1-Dichloroethane	3.354	63	1122040	395.28	ug/l	99
23) trans-1,2-Dichloroethene	3.029	96	540831	382.18	ug/l	76
24) cis-1,2-Dichloroethene	3.817	61	1030575	405.18	ug/l	95
25) Bromochloromethane	3.994	49	439583	395.06	ug/l	83
26) 2,2-Dichloropropane	3.827	77	778804	410.00	ug/l	93
27) 1,4-Dioxane	5.039	88	155845	21044.61	ug/l	85
28) 1,1-Dichloropropene	4.300	75	779708	358.17	ug/l	96
29) Chloroform	4.044	83	1035541	399.34	ug/l	99
31) Cyclohexane	4.241	56	1017414	445.03	ug/l	96
33) 1,2-Dichloroethane	4.428	62	716926	366.33	ug/l	97
34) 2-Butanone	3.817	43	155676	482.38	ug/l	98
35) 1,1,1-Trichloroethane	4.192	97	861435	389.96	ug/l	95
36) Carbon Tetrachloride	4.310	117	689700	341.18	ug/l	91
37) Vinyl Acetate	3.403	43	1611799	447.58	ug/l	100
38) Bromodichloromethane	5.118	83	823857	405.91	ug/l	96
39) Methylcyclohexane	4.960	83	899220	385.66	ug/l	74
40) Dibromomethane	5.039	174	290482	400.51	ug/l	93
41) 1,2-Dichloropropane	4.960	63	515882	392.91	ug/l	90
42) Trichloroethene	4.822	130	559773	378.70	ug/l	86
43) Benzene	4.428	78	1765446	357.85	ug/l	100
44) tert-Amyl methyl ether	4.497	73	790138	440.46	ug/l	84
46) Dibromochloromethane	6.074	129	500201	414.24	ug/l	99
47) 2-Chloroethylvinylether	5.286	63	232009	530.30	ug/l	92
48) cis-1,3-Dichloropropene	5.384	75	878127	438.62	ug/l	96
49) trans-1,3-Dichloropropene	5.709	75	746699	446.53	ug/l	96
50) 1,1,2-Trichloroethane	5.828	97	354008	407.09	ug/l	95
51) 1,2-Dibromoethane	6.153	107	376296	418.44	ug/l	93
52) 1,3-Dichloropropane	5.936	76	609156	379.76	ug/l	97
53) 4-Methyl-2-Pentanone	5.473	43	299852	477.87	ug/l	89
54) 2-Hexanone	5.956	43	203613	475.37	ug/l	98
55) Tetrachloroethene	5.946	164	445821	323.98	ug/l	99
57) Toluene	5.601	92	1183895	351.29	ug/l	91
58) 1,1,1,2-Tetrachloroethane	6.488	133	436389	368.03	ug/l	96
59) Chlorobenzene	6.449	112	1237514	365.86	ug/l	98
61) Bromoform	6.941	173	310006	455.12	ug/l	96
62) Ethylbenzene	6.508	106	474880	354.14	ug/l	93
63) 1,1,2,2-Tetrachloroethane	7.188	83	397818	427.52	ug/l	87
65) Styrene	6.813	104	1168893	357.05	ug/l	82
66) m&p-Xylenes	6.567	106	1341383	615.40	ug/l	98

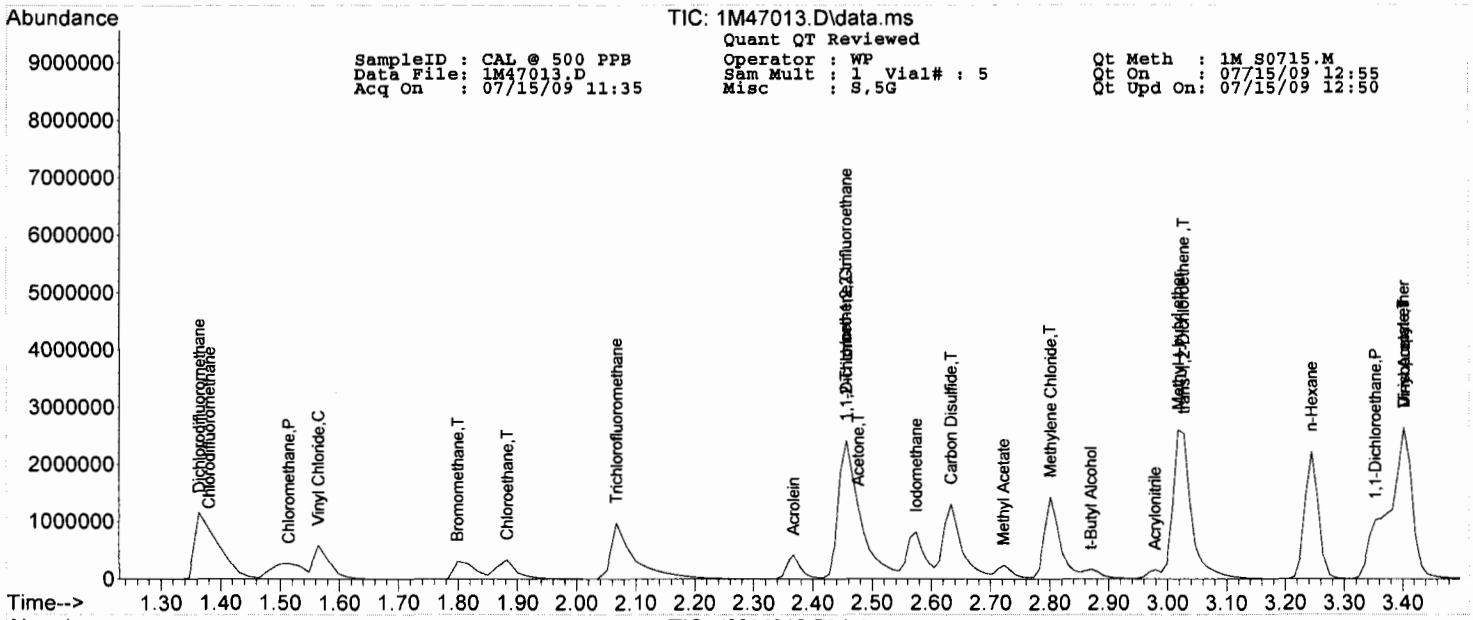
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47013.D Sam Mult : 1 Vial# : 5 Qt On : 07/15/09 12:55
Acq On : 07/15/09 11:35 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	o-Xylene	6.813	106	711919	358.20	ug/l	87
68)	trans-1,4-Dichloro-2-b...	7.217	53	157922	444.36	ug/l	69
69)	1,3-Dichlorobenzene	7.819	146	845062	321.28	ug/l	91
70)	1,4-Dichlorobenzene	7.868	146	912903	363.91	ug/l	92
71)	1,2-Dichlorobenzene	8.114	146	818332	378.06	ug/l	92
72)	Isopropylbenzene	7.030	105	2159530	372.38	ug/l	96
73)	Cyclohexanone	7.099	55	52915	2486.88	ug/l	94
74)	1,2,3-Trichloropropane	7.227	75	505334	414.69	ug/l	91
75)	2-Chlorotoluene	7.355	91	1059274	308.90	ug/l	95
76)	p-Ethyltoluene	7.345	105	2103402	321.43	ug/l	98
77)	4-Chlorotoluene	7.414	91	1197994	356.16	ug/l	96
78)	n-Propylbenzene	7.276	91	2550579	349.31	ug/l	97
79)	Bromobenzene	7.237	77	1199099	392.17	ug/l	87
80)	1,3,5-Trimethylbenzene	7.375	105	1454546	329.91	ug/l	100
81)	t-Butylbenzene	7.592	119	1698637	366.32	ug/l	87
82)	1,2,4-Trimethylbenzene	7.621	105	1721525	348.78	ug/l	95
83)	sec-Butylbenzene	7.730	105	2294127	360.62	ug/l	99
84)	4-Isopropyltoluene	7.809	119	1677439	340.67	ug/l	92
85)	n-Butylbenzene	8.065	91	2256921	350.65	ug/l	98
86)	p-Diethylbenzene	8.045	119	1080080	374.28	ug/l	96
87)	1,2,4,5-Tetramethylben...	8.548	119	1682133	441.58	ug/l	99
88)	1,2-Dibromo-3-Chloropr...	8.597	157	75010	452.81	ug/l	71
89)	Hexachlorobutadiene	9.248	225	536482	367.16	ug/l	99
90)	1,2,4-Trichlorobenzene	9.149	180	632411	411.54	ug/l	97
91)	1,2,3-Trichlorobenzene	9.484	180	545174	388.12	ug/l	96
92)	Naphthalene	9.326	128	906166	427.77	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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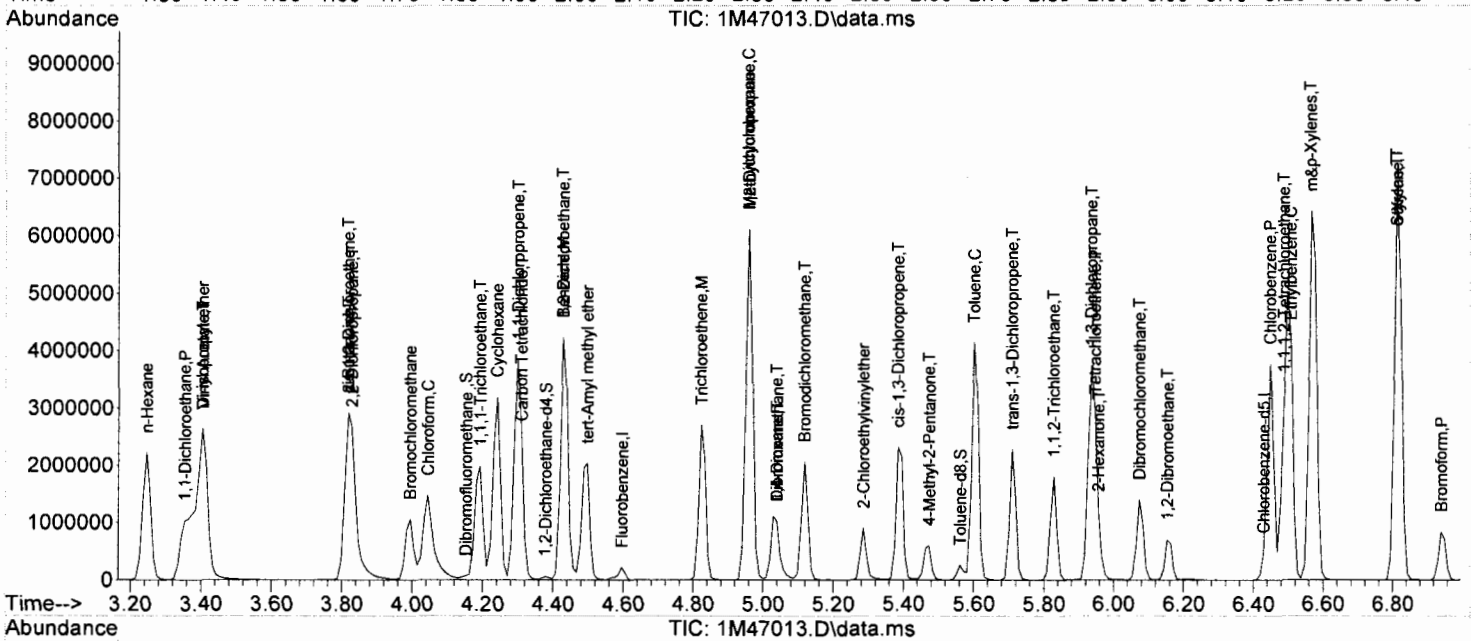
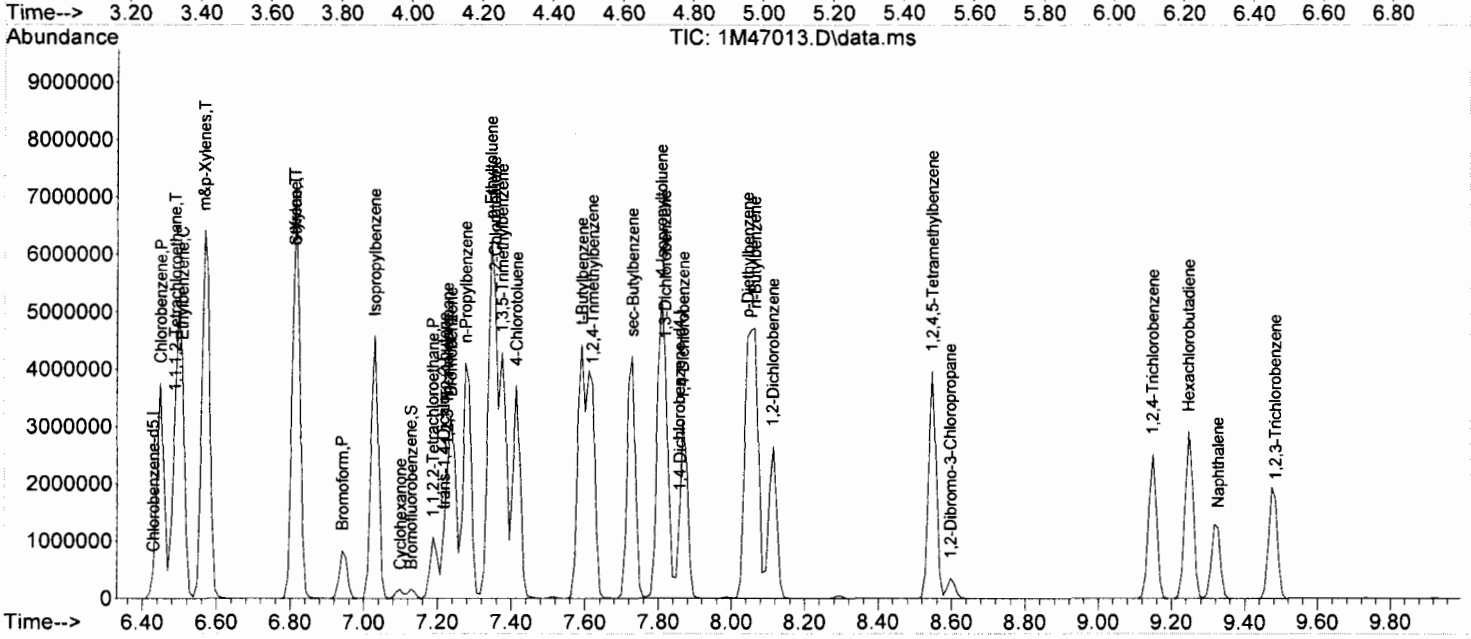
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 1M47013.D
Acq On : 07/15/09 11:35
Operator : WP
Sam Mult : 1 Vial# : 5
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 12:55
Qt Upd On: 07/15/09 12:50
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M47013.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M47013.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47012.D Sam Mult : 1 Vial# : 4 Qt On : 07/15/09 12:51
Acq On : 07/15/09 11:18 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.595	96	102612	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.428	117	69882	30.00 ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.857	152	35400	30.00 ug/l	0.00
System Monitoring Compounds					
30) Dibromofluoromethane	0.000	111	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
32) 1,2-Dichloroethane-d4	4.378	102	5386	32.40 ug/l	0.00
Spiked Amount 30.000			Recovery =	108.00%	
56) Toluene-d8	5.560	100	61917	28.81 ug/l	0.00
Spiked Amount 30.000			Recovery =	96.03%	
64) Bromofluorobenzene	7.137	174	27542	28.77 ug/l	0.00
Spiked Amount 30.000			Recovery =	95.90%	
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D.	
6) Vinyl Chloride	0.000		0	N.D. d	
7) Chloroethane	0.000		0	N.D. d	
8) Trichlorofluoromethane	0.000		0	N.D. d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D.	
12) Acrylonitrile	0.000		0	N.D.	
13) Iodomethane	0.000		0	N.D. d	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D.	
17) n-Hexane	0.000		0	N.D. d	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D.	
21) Methyl-t-butyl ether	3.018	73	2092	1.11 ug/l #	50
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D.	
26) 2,2-Dichloropropane	0.000		0	N.D. d	
27) 1,4-Dioxane	0.000		0	N.D.	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	0.000		0	N.D. d	
34) 2-Butanone	0.000		0	N.D.	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D. d	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D.	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.427	78	5404	1.13 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D.	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D.	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D.	
54) 2-Hexanone	0.000		0	N.D.	
55) Tetrachloroethene	0.000		0	N.D. d	
57) Toluene	5.600	92	3664	1.17 ug/l	79
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D.	
62) Ethylbenzene	6.507	106	1469	1.15 ug/l	86
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	6.566	106	4168	2.00 ug/l	87

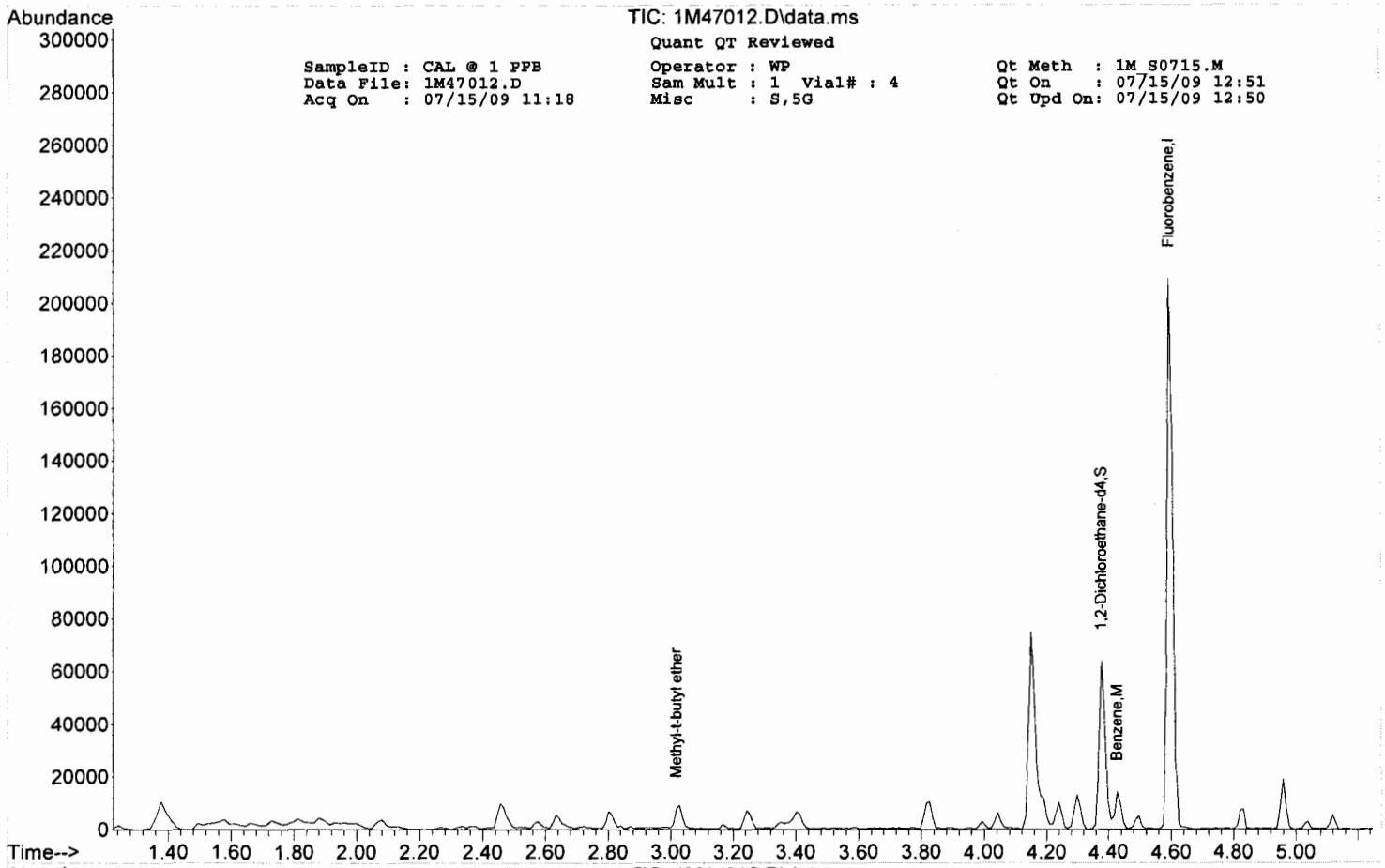
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47012.D Sam Mult : 1 Vial# : 4 Qt On : 07/15/09 12:51
Acq On : 07/15/09 11:18 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.812	106	1912	1.01 ug/l	84
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	
69) 1,3-Dichlorobenzene	0.000		0	N.D. d	
70) 1,4-Dichlorobenzene	0.000		0	N.D. d	
71) 1,2-Dichlorobenzene	0.000		0	N.D. d	
72) Isopropylbenzene	7.029	105	5324m	0.96 ug/l	
73) Cyclohexanone	0.000		0	N.D.	
74) 1,2,3-Trichloropropane	0.000		0	N.D. d	
75) 2-Chlorotoluene	0.000		0	N.D. d	
76) p-Ethyltoluene	0.000		0	N.D. d	
77) 4-Chlorotoluene	0.000		0	N.D. d	
78) n-Propylbenzene	7.275	91	7027	1.01 ug/l	93
79) Bromobenzene	0.000		0	N.D. d	
80) 1,3,5-Trimethylbenzene	7.374	105	3843m	0.91 ug/l	
81) t-Butylbenzene	7.591	119	4215m	0.95 ug/l	
82) 1,2,4-Trimethylbenzene	7.610	105	3961	0.84 ug/l #	82
83) sec-Butylbenzene	7.729	105	5897	0.97 ug/l	90
84) 4-Isopropyltoluene	7.798	119	4115	0.88 ug/l	89
85) n-Butylbenzene	8.064	91	6174	1.01 ug/l	87
86) p-Diethylbenzene	0.000		0	N.D. d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.	
89) Hexachlorobutadiene	0.000		0	N.D. d	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	
92) Naphthalene	9.316	128	1539	0.76 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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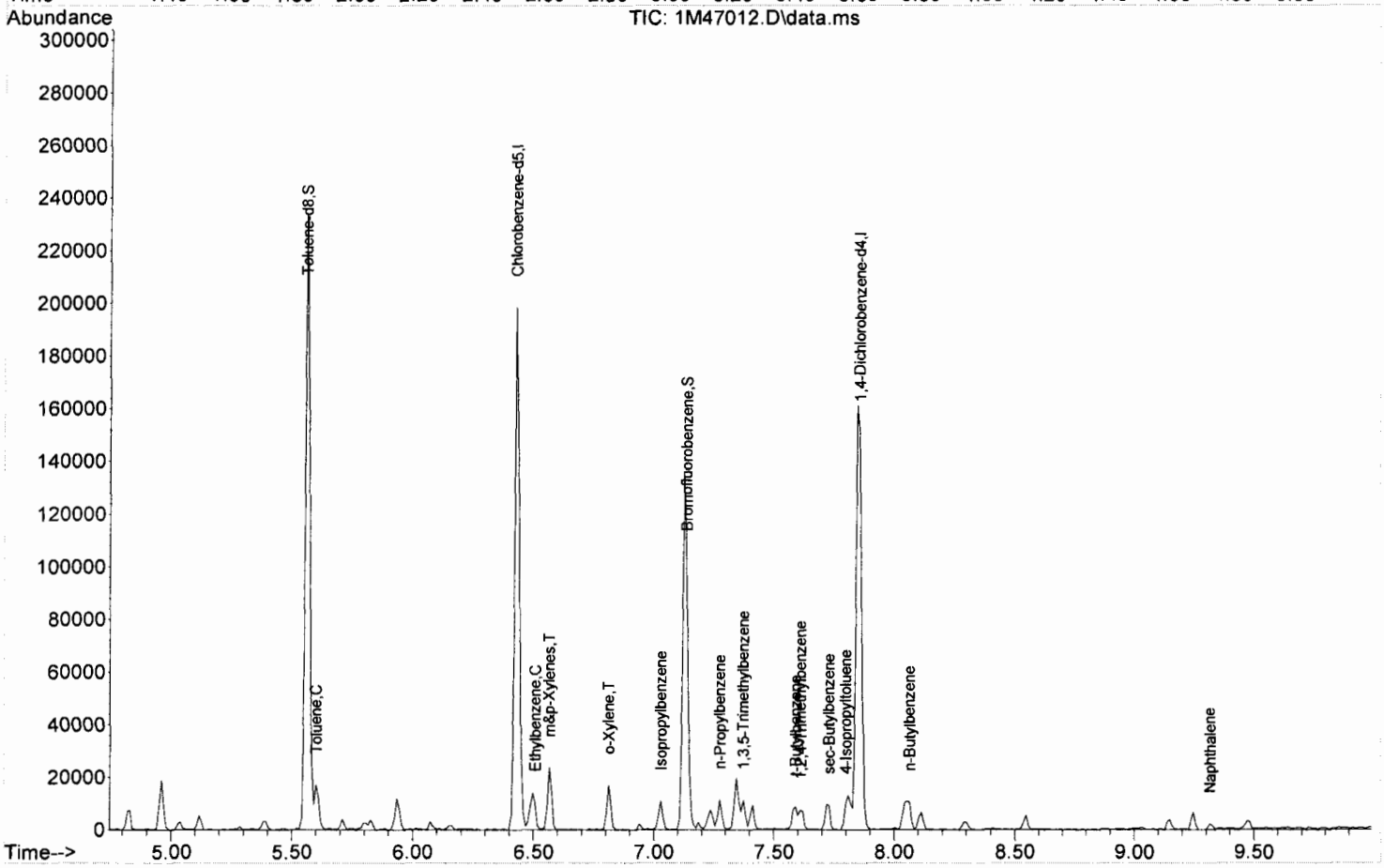
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 1M47012.D
Acq On : 07/15/09 11:18
Operator : WP
Sam Mult : 1 Vial# : 4
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 12:51
Qt Upd On: 07/15/09 12:50
Methyl-t-butyl ether
1,2-Dichloroethane-d4,S
Benzene,M
Fluorobenzene,I
Time-->


Abundance
TIC: 1M47012.D\data.ms
Toluene-d8,S
Toluene,C
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
1,3,5-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
Naphthalene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB
Data File: 1M47011.D
Acq On : 07/15/09 11:01

Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G

Qt Meth : 1M_S0715.M
Qt On : 07/15/09 12:50
Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.595	96	115884	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.438	117	69951	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.858	152	35357	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	0.000	111	0d	0.00	ug/l	
Spiked Amount 30.000			Recovery = 0.00%			
32) 1,2-Dichloroethane-d4	4.378	102	5997	31.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.47%			
56) Toluene-d8	5.571	100	63076	29.32	ug/l	0.01
Spiked Amount 30.000			Recovery = 97.73%			
64) Bromofluorobenzene	7.138	174	27994	29.28	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.60%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	0.000		0	N.D.	d	
3) Dichlorodifluoromethane	0.000		0	N.D.	d	
4) Chloromethane	0.000		0	N.D.	d	
5) Bromomethane	0.000		0	N.D.		
6) Vinyl Chloride	0.000		0	N.D.	d	
7) Chloroethane	0.000		0	N.D.		
8) Trichlorofluoromethane	0.000		0	N.D.	d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D.		
10) Methylene Chloride	0.000		0	N.D.	d	
11) Acrolein	0.000		0	N.D.		
12) Acrylonitrile	0.000		0	N.D.		
13) Iodomethane	0.000		0	N.D.	d	
14) Acetone	0.000		0	N.D.	d	
15) Carbon Disulfide	0.000		0	N.D.	d	
16) t-Butyl Alcohol	0.000		0	N.D.		
17) n-Hexane	0.000		0	N.D.	d	
18) Di-isopropyl-ether	0.000		0	N.D.	d	
19) 1,1-Dichloroethene	0.000		0	N.D.	d	
20) Methyl Acetate	0.000		0	N.D.		
21) Methyl-t-butyl ether	0.000		0	N.D.	d	
22) 1,1-Dichloroethane	0.000		0	N.D.	d	
23) trans-1,2-Dichloroethene	0.000		0	N.D.		
24) cis-1,2-Dichloroethene	0.000		0	N.D.	d	
25) Bromochloromethane	0.000		0	N.D.		
26) 2,2-Dichloropropane	0.000		0	N.D.	d	
27) 1,4-Dioxane	0.000		0	N.D.		
28) 1,1-Dichloropropene	0.000		0	N.D.	d	
29) Chloroform	0.000		0	N.D.	d	
31) Cyclohexane	0.000		0	N.D.	d	
33) 1,2-Dichloroethane	0.000		0	N.D.	d	
34) 2-Butanone	0.000		0	N.D.		
35) 1,1,1-Trichloroethane	0.000		0	N.D.	d	
36) Carbon Tetrachloride	0.000		0	N.D.	d	
37) Vinyl Acetate	0.000		0	N.D.	d	
38) Bromodichloromethane	0.000		0	N.D.	d	
39) Methylcyclohexane	0.000		0	N.D.	d	
40) Dibromomethane	0.000		0	N.D.		
41) 1,2-Dichloropropane	0.000		0	N.D.		
42) Trichloroethene	0.000		0	N.D.		
43) Benzene	0.000		0	N.D.	d	
44) tert-Amyl methyl ether	0.000		0	N.D.	d	
46) Dibromochloromethane	0.000		0	N.D.		
47) 2-Chloroethylvinylether	0.000		0	N.D.		
48) cis-1,3-Dichloropropene	0.000		0	N.D.		
49) trans-1,3-Dichloropropene	0.000		0	N.D.		
50) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
51) 1,2-Dibromoethane	0.000		0	N.D.		
52) 1,3-Dichloropropane	0.000		0	N.D.		
53) 4-Methyl-2-Pentanone	0.000		0	N.D.		
54) 2-Hexanone	0.000		0	N.D.		
55) Tetrachloroethene	0.000		0	N.D.		
57) Toluene	0.000		0	N.D.	d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
59) Chlorobenzene	0.000		0	N.D.	d	
61) Bromoform	0.000		0	N.D.		
62) Ethylbenzene	0.000		0	N.D.	d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
65) Styrene	0.000		0	N.D.	d	
66) m&p-Xylenes	6.576	106	2165	1.04	ug/l	100

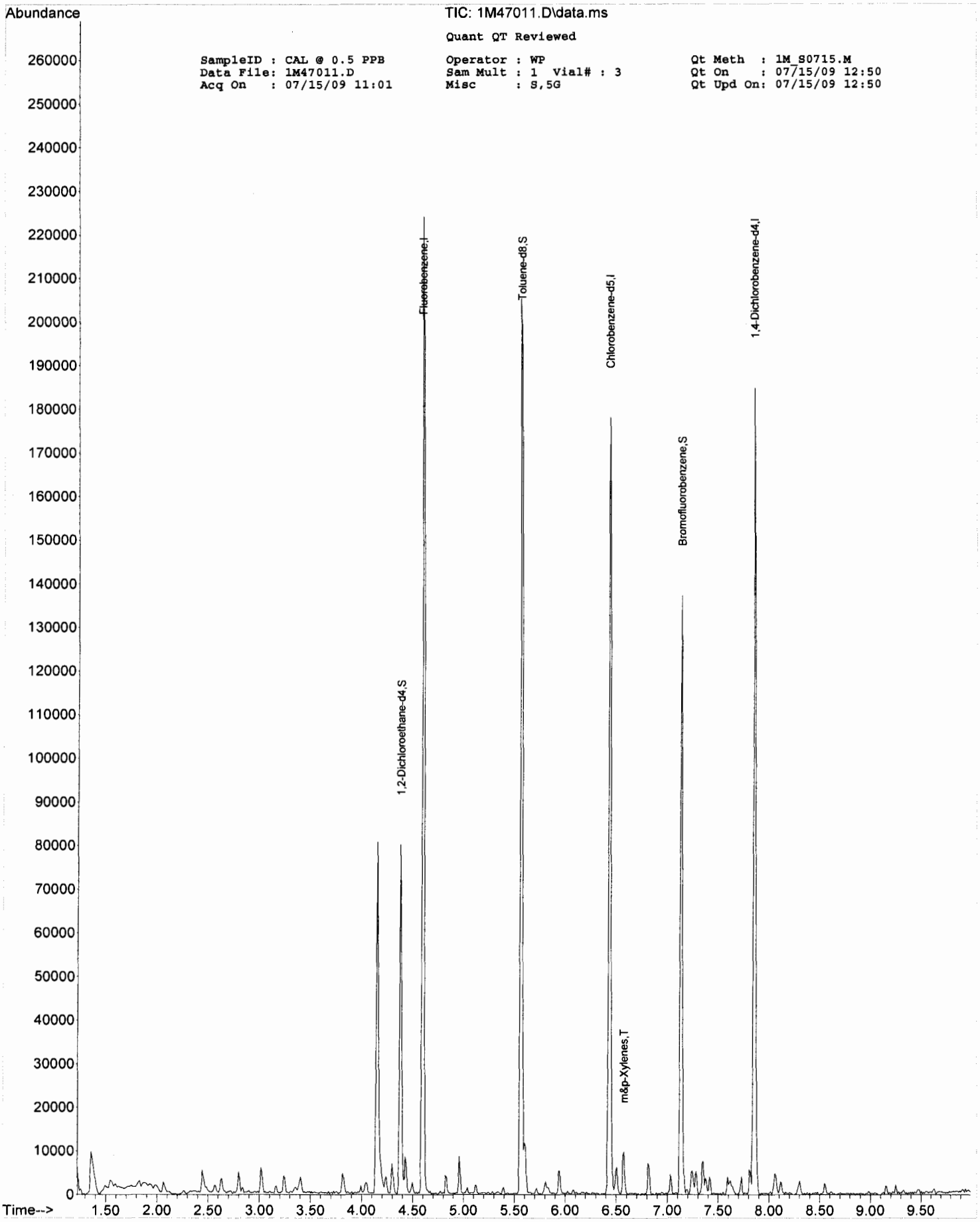
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47011.D Sam Mult : 1 Vial# : 3 Qt On : 07/15/09 12:50
Acq On : 07/15/09 11:01 Misc : S,5G Qt Upd On: 07/15/09 12:50

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units Dev(Min)
67) o-Xylene	0.000		0	N.D. d
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D.
69) 1,3-Dichlorobenzene	0.000		0	N.D. d
70) 1,4-Dichlorobenzene	0.000		0	N.D. d
71) 1,2-Dichlorobenzene	0.000		0	N.D. d
72) Isopropylbenzene	0.000		0	N.D. d
73) Cyclohexanone	0.000		0	N.D.
74) 1,2,3-Trichloropropane	0.000		0	N.D. d
75) 2-Chlorotoluene	0.000		0	N.D. d
76) p-Ethyltoluene	0.000		0	N.D. d
77) 4-Chlorotoluene	0.000		0	N.D. d
78) n-Propylbenzene	0.000		0	N.D. d
79) Bromobenzene	0.000		0	N.D. d
80) 1,3,5-Trimethylbenzene	0.000		0	N.D. d
81) t-Butylbenzene	0.000		0	N.D. d
82) 1,2,4-Trimethylbenzene	0.000		0	N.D. d
83) sec-Butylbenzene	0.000		0	N.D. d
84) 4-Isopropyltoluene	0.000		0	N.D. d
85) n-Butylbenzene	0.000		0	N.D. d
86) p-Diethylbenzene	0.000		0	N.D. d
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.
89) Hexachlorobutadiene	0.000		0	N.D.
90) 1,2,4-Trichlorobenzene	0.000		0	N.D.
91) 1,2,3-Trichlorobenzene	0.000		0	N.D.
92) Naphthalene	0.000		0	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47011.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 1M47011.D
Acq On : 07/15/09 11:01
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/15/09 12:50
Qt Upd On: 07/15/09 12:50
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_8

0327

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	8M39697.	CAL @ 20 PPB	07/16/09 10:56	2	8M39692.	CAL @ 5 PPB	07/16/09 09:34
3	8M39698.	CAL @ 10 PPB	07/16/09 11:12	4	8M39696.	CAL @ 50 PPB	07/16/09 10:40
5	8M39695.	CAL @ 100 PPB	07/16/09 10:23	6	8M39694.	CAL @ 250 PPB	07/16/09 10:07
7	8M39693.	CAL @ 500 PPB	07/16/09 09:50	8	8M39690.	CAL @ 1 PPB	07/16/09 08:57
9	8M39691.	CAL @ 0.5 PPB	07/16/09 09:16				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.5865	0.5041	0.5942	0.5596	0.5778	0.5770	0.5545	0.7053	-----	0.582	1.32	1.00	1.00	9.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluoromethan	1	0	Avg	0.3674	0.3084	0.3785	0.3346	0.3346	0.3677	0.3584	0.2796	-----	0.341	1.31	1.00	1.00	9.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	Avg	0.3252	0.3676	0.3531	0.3032	0.3091	0.3188	0.3077	0.3911	-----	0.335	1.46	1.00	1.00	9.7	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	LinF	0.2564	0.2934	0.2752	0.2260	0.2181	0.2142	-----	0.3732	-----	0.265	1.78	1.00	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Vinyl Chloride	1	0	Avg	0.3264	0.3618	0.3336	0.3151	0.3131	0.3136	0.2994	0.4333	-----	0.337	1.53	1.00	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	Avg	0.1966	0.2207	0.1755	0.1770	0.1693	0.1773	0.1645	0.2062	-----	0.186	1.85	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichlorofluoromethane	1	0	Avg	0.6307	0.5595	0.5774	0.4853	0.5247	0.5275	0.5042	0.5302	-----	0.542	2.04	0.999	1.00	8.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.2824	0.2507	0.2540	0.2514	0.2415	0.2385	0.2270	0.2831	-----	0.254	2.42	0.999	1.00	7.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylene Chloride	1	0	Avg	0.3369	0.3455	0.3307	0.3321	0.3159	0.3129	0.2972	0.4435	-----	0.339	2.78	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	Avg	0.0528	0.0500	0.0522	0.0494	0.0478	0.0455	0.0419	0.0563	-----	0.0495	2.35	0.998	1.00	9.1		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	Avg	0.1012	0.0864	0.1039	0.1034	0.1024	0.0988	0.0898	0.0717	-----	0.0947	2.96	0.997	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iodomethane	1	0	Avg	0.6798	0.6218	0.7279	0.7035	0.6152	0.6551	0.6392	0.8008	-----	0.680	2.55	1.00	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.1030	0.1030	0.0967	0.0969	0.0891	0.0864	0.0810	0.1209	-----	0.0972	2.46	0.999	1.00	13		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	Avg	0.9412	0.8507	0.9826	0.9089	0.8679	0.9302	0.8748	1.0581	-----	0.927	2.60	0.999	1.00	7.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	LinF	0.0359	0.0308	0.0386	0.0317	0.0328	0.0314	0.0293	0.0846	-----	0.0394	2.86	0.999	1.00	47		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	LinF	0.1925	0.1986	0.2162	0.1915	0.1889	0.1969	0.1910	0.3101	-----	0.211	3.21	1.00	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Di-isopropyl-ether	1	0	Avg	1.0708	1.0024	1.0158	1.0523	0.9983	1.0890	0.9856	1.2647	-----	1.06	3.37	0.998	0.999	8.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	Avg	0.5335	0.5275	0.6027	0.5058	0.4892	0.4857	0.4580	0.5217	-----	0.516	2.43	0.999	1.00	8.4	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.2539	0.1836	0.2650	0.2274	0.2211	0.2171	0.2052	0.2789	-----	0.232	2.70	0.999	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	1.0307	1.0172	1.0910	1.0459	0.9533	0.9666	0.8865	1.0093	1.2975	1.03	3.00	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1.1-Dichloroethane	1	0	Avg	0.5927	0.6466	0.6501	0.5847	0.5890	0.5975	0.5696	0.6784	-----	0.614	3.33	0.999	1.00	6.4	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	LinF	0.3432	0.3463	0.3224	0.3113	0.2990	0.3119	0.2933	0.4912	-----	0.340	3.00	0.999	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.5880	0.5923	0.6319	0.5579	0.5216	0.5358	0.5073	0.7068	-----	0.580	3.78	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.2853	0.2530	0.2885	0.2546	0.2504	0.2491	0.2385	0.2681	-----	0.261	3.95	1.00	1.00	6.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichloropropane	1	0	Avg	0.4452	0.5311	0.4631	0.4454	0.4456	0.4540	0.4276	0.6366	-----	0.481	3.79	0.999	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dioxane	1	0	Avg	0.0037	0.0029	0.0035	0.0034	0.0033	0.0031	0.0027	0.0038	-----	0.00336	4.90	0.995	1.00	12		1000.	250.0	500.0	2500.	5000.	1250	2500	50.00	
1.1-Dichloropropene	1	0	Avg	0.4530	0.4342	0.4236	0.3996	0.3893	0.4086	0.3750	0.4774	-----	0.420	4.24	0.998	1.00	8.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroform	1	0	Avg	0.6358	0.7268	0.6195	0.6041	0.5934	0.5939	0.5609	0.7231	-----	0.632	4.00	0.999	1.00	9.7	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.3345	0.3572	0.3406	0.3611	0.3448	0.3587	0.3611	0.3522	0.3292	0.349	4.11	-1	-1	3.4		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cyclohexane	1	0	Avg	0.3112	0.3373	0.3410	0.3102	0.3090	0.3355	0.3188	0.4239	-----	0.336	4.18	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.0558	0.0639	0.0570	0.0589	0.0554	0.0610	0.0609	0.0638	0.0534	0.0590	4.32	-1	-1	6.4		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1.2-Dichloroethane	1	0	Lin	0.5495	0.5880	0.5943	0.5428	0.5036	0.4903	-----	0.7868	0.6734	0.591	4.37	1.00	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0		1.00	0.50
2-Butanone	1	0	Avg	0.1240	0.1255	0.1274	0.1342	0.1239	0.1199	0.1189	0.1793	-----	0.132	3.79	1.00	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	Avg	0.5761	0.5225	0.6047	0.5361	0.5237	0.5297	0.4920	0.6038	-----	0.549	4.13	0.999	1.00	7.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	Avg	0.4753	0.4850	0.4939	0.4609	0.4520	0.4647	0.4232	0.4523	-----	0.463	4.24	0.998	1.00	4.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Acetate	1	0	Avg	1.1903	1.1515	1.1472	1.1486	1.1185	1.1704	1.0909	1.2376	-----	1.16	3.35	0.999	1.00	3.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.4991	0.4791	0.5596	0.4902	0.4797	0.4966	0.4650	0.5117	-----	0.498	4.97	0.999	1.00	5.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	Avg	0.2771	0.2128	0.2610	0.2395	0.2457	0.2527	0.2349	0.3310	-----	0.257	4.82	0.999	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromomethane	1	0	Avg	0.3276	0.3192	0.3252	0.3335	0.3094	0.3111	0.2826	0.2574	-----	0.308	4.90	0.998	1.00	8.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloropropane	1	0	Avg	0.2985	0.2908	0.3250	0.2867	0.2805	0.2856	0.2768	0.3777	-----	0.303	4.83	1.00	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.3612	0.3919	0.4006	0.3389	0.3448	0.3467	0.3202	0.3332	-----	0.355	4.71	0.999	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 11.0

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_8

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	8M39697.	CAL @ 20 PPB	07/16/09 10:56	2	8M39692.	CAL @ 5 PPB	07/16/09 09:34
3	8M39698.	CAL @ 10 PPB	07/16/09 11:12	4	8M39696.	CAL @ 50 PPB	07/16/09 10:40
5	8M39695.	CAL @ 100 PPB	07/16/09 10:23	6	8M39694.	CAL @ 250 PPB	07/16/09 10:07
7	8M39693.	CAL @ 500 PPB	07/16/09 09:50	8	8M39690.	CAL @ 1 PPB	07/16/09 08:57
9	8M39691.	CAL @ 0.5 PPB	07/16/09 09:16				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	LinF	1.0464	1.1306	1.0581	1.0181	0.9620	0.9951	0.9116	1.2712	1.6904	1.12	4.36	0.998	1.00	21		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.8819	0.8320	0.8667	0.8304	0.8058	0.7991	0.7516	1.0291	-----	0.850	4.42	0.999	1.00	9.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.5311	0.4551	0.5843	0.5340	0.5293	0.5551	0.5142	0.5916	-----	0.537	5.78	0.999	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	LinF	0.2562	0.2536	0.3020	0.2465	0.2432	0.2503	0.2354	0.0996	-----	0.236	5.11	0.999	1.00	25		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.3-Dichloropropene	1	0	Avg	0.7497	0.7154	0.7419	0.7056	0.7024	0.7268	0.6815	0.6569	-----	0.710	5.20	0.999	1.00	4.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	Avg	0.7062	0.7664	0.7366	0.6677	0.6995	0.6913	0.6323	0.7524	-----	0.707	5.47	0.998	1.00	6.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.3811	0.4331	0.4046	0.3636	0.3697	0.3673	0.3400	0.4063	-----	0.383	5.57	0.999	1.00	7.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	Avg	0.4614	0.4511	0.4964	0.4320	0.4297	0.4387	0.4005	0.4914	-----	0.450	5.85	0.998	1.00	7.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.6267	0.6872	0.7177	0.5721	0.5968	0.5722	-----	0.8344	-----	0.658	5.66	1.00	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
4-Methyl-2-Pentanone	1	0	Avg	0.3431	0.3495	0.3830	0.3160	0.3393	0.3442	0.3113	0.3660	-----	0.344	5.27	0.998	1.00	6.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	LinF	0.2887	0.2172	0.2828	0.2354	0.2496	0.2434	0.2209	0.3646	-----	0.263	5.68	0.998	1.00	19		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Tetrachloroethene	1	0	Avg	0.4201	0.4165	0.4120	0.3909	0.3846	0.3678	0.3130	0.4212	-----	0.391	5.66	0.993	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Toluene-d8	1	0	Avg	0.7858	0.8092	0.8170	0.8103	0.8162	0.8330	0.7704	0.8122	0.7956	0.806	5.34	-1	-1	2.3		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Toluene	1	0	Avg	0.8463	0.8076	0.9235	0.7939	0.8236	0.8132	0.7430	0.7713	-----	0.815	5.38	0.998	1.00	6.6	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.4528	0.4407	0.4903	0.4498	0.4178	0.4203	0.3718	0.5068	-----	0.444	6.13	0.996	1.00	9.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chlorobenzene	1	0	Avg	1.0686	1.1231	1.1662	0.9696	1.0019	0.9648	0.8826	1.2446	-----	1.05	6.10	0.998	1.00	11	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	Avg	0.7135	0.7160	0.7290	0.7728	0.7327	0.7689	0.7770	0.5702	-----	0.723	6.53	1.00	1.00	9.2	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	Avg	0.8345	0.8716	0.9696	0.9097	0.8131	0.7411	0.7322	0.9405	-----	0.852	6.15	0.999	1.00	10	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	0.7983	0.7181	0.8369	0.8251	0.7531	0.7102	0.7351	0.6708	-----	0.756	6.75	1.00	1.00	7.8	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	1.0619	1.1051	1.1449	1.1310	1.0617	1.0814	1.1237	1.0849	1.1097	1.10	6.69	-1	-1	2.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Styrene	1	0	Avg	2.0104	1.8985	1.9240	2.0173	1.8452	1.6929	1.5222	1.7677	-----	1.83	6.42	0.996	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
m&p-Xylenes	1	0	LinF	1.0402	0.9973	1.1546	1.0402	0.9576	0.8707	-----	0.8728	1.4918	1.05	6.20	0.998	1.00	19		40.00	10.00	20.00	100.0	200.0	500.0		2.00	1.00
o-Xylene	1	0	Avg	1.0481	0.9157	1.1404	1.1115	0.9891	0.9231	0.8308	1.1521	-----	1.01	6.42	0.996	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.2553	0.2807	0.2460	0.2938	0.2686	0.2565	0.2422	0.3596	-----	0.275	6.78	0.999	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichlorobenzene	1	0	Avg	1.4447	1.3989	1.4535	1.4236	1.3022	1.2443	1.1238	1.4008	-----	1.35	7.29	0.997	1.00	8.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dichlorobenzene	1	0	Avg	1.5464	1.6228	1.6437	1.4934	1.4040	1.3302	1.2982	1.8835	-----	1.53	7.34	1.00	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichlorobenzene	1	0	Avg	1.4543	1.5161	1.4942	1.4358	1.3122	1.2656	1.2388	1.5977	-----	1.41	7.55	1.00	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	Avg	2.4069	2.3908	2.7848	2.4136	2.2534	2.1517	2.0487	2.8416	-----	2.41	6.60	0.999	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	LinF	0.0262	0.0378	0.0239	0.0251	0.0238	0.0249	0.0230	0.0280	-----	0.0266	6.66	0.999	1.00	18		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
1.2.3-Trichloropropane	1	0	Avg	1.0639	1.1004	1.0665	1.0667	0.9829	0.9158	0.8823	1.2464	-----	1.04	6.78	0.999	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chlorotoluene	1	0	Avg	2.2695	1.9553	2.3028	2.0693	1.8894	1.8102	1.4713	2.2236	-----	2.00	6.88	0.988	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
p-Ethyltoluene	1	0	Avg	2.1349	2.1050	2.4682	2.2529	2.0237	1.9598	1.7874	2.3941	-----	2.14	6.88	0.998	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Chlorotoluene	1	0	Avg	2.0190	1.9520	2.2099	1.9102	1.8406	1.7967	1.7904	2.1552	-----	1.96	6.93	1.00	1.00	8.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Propylbenzene	1	0	Avg	2.6337	2.7693	2.9194	2.7177	2.5582	2.4515	2.3552	2.4996	-----	2.61	6.82	0.999	1.00	7.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	LinF	1.6824	1.9242	1.6980	1.6429	1.5185	1.4695	1.3894	2.3145	-----	1.70	6.78	0.999	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3.5-Trimethylbenzene	1	0	Avg	1.9734	1.9436	2.0894	1.9488	1.8408	1.6902	1.7491	2.4957	-----	1.97	6.91	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	1.8173	1.6669	1.8689	1.8241	1.6497	1.6008	1.5580	1.4858	-----	1.68	7.09	1.00	1.00	8.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	2.0139	1.9874	2.0828	2.0679	1.8965	1.7968	1.7450	2.5289	-----	2.01	7.11	1.00	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.0529	1.7284	2.0652	2.0537	1.9538	1.8462	1.7684	2.0135	-----	1.94	7.21	0.999	1.00	7.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	1.7515	1.7571	1.9078	1.7630	1.6008	1.5074	1.4132	1.7247	-----	1.68	7.28	0.999	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	2.0996	2.1221	2.1598	1.9812	1.8317	1.7517	1.7175	2.2079	-----	1.98	7.51	1.00	1.00	9.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Avg Rsd: 11.0

Flags

a - failed the spcc criteria
b - failed the ccc criteria
c - failed the minimum correlation coeff criteria(if applicable)
** - ccc compound*
*** - spcc compound*

Note:

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_8

0324

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	8M39697.	CAL @ 20 PPB	07/16/09 10:56	2	8M39692.	CAL @ 5 PPB	07/16/09 09:34
3	8M39698.	CAL @ 10 PPB	07/16/09 11:12	4	8M39696.	CAL @ 50 PPB	07/16/09 10:40
5	8M39695.	CAL @ 100 PPB	07/16/09 10:23	6	8M39694.	CAL @ 250 PPB	07/16/09 10:07
7	8M39693.	CAL @ 500 PPB	07/16/09 09:50	8	8M39690.	CAL @ 1 PPB	07/16/09 08:57
9	8M39691.	CAL @ 0.5 PPB	07/16/09 09:16				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	Avg	1.0314	1.0131	1.1815	1.0499	0.9712	0.9158	0.8879	1.1101	-----	1.02	7.50	0.999	1.00	9.5	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4.5-Tetramethylber	1	0	Avg	1.6431	1.4222	1.8418	1.7296	1.6253	1.5785	1.4892	1.8430	-----	1.65	7.94	0.999	1.00	9.3	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromo-3-Chloropr	1	0	Avg	0.1993	0.2089	0.2070	0.2046	0.1976	0.1986	0.2064	0.1959	-----	0.202	7.98	1.00	1.00	2.5	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	LinF	0.9138	0.5677	1.0060	0.7601	0.7052	0.5896	0.5548	0.6952	-----	0.724	8.55	0.997	0.999	23	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trichlorobenzene	1	0	Avg	0.9449	0.8965	1.1097	0.9534	0.9115	0.8618	0.8161	0.7397	-----	0.904	8.46	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.3-Trichlorobenzene	1	0	Avg	0.9260	0.8288	1.0302	0.9280	0.9033	0.8473	0.7739	1.1017	-----	0.917	8.75	0.998	1.00	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	Avg	2.0967	1.8577	2.0112	2.0347	1.9105	1.7900	1.7357	2.0477	-----	1.94	8.61	0.999	1.00	6.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 11.0

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39697.D Sam Mult : 1 Vial# : 14 Qt On : 07/16/09 11:20
Acq On : 07/16/09 10:56 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.512	96	171500	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	118418	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	68414	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	57371	30.54	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.80%			
32) 1,2-Dichloroethane-d4	4.320	102	9573	28.14	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.80%			
56) Toluene-d8	5.341	100	93063	28.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.83%			
64) Bromofluorobenzene	6.693	174	72653	29.42	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.07%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.324	51	67062	21.27	ug/l	85
3) Dichlorodifluoromethane	1.315	85	42010	21.32	ug/l	99
4) Chloromethane	1.456	50	37184	18.03	ug/l	91
5) Bromomethane	1.777	94	29319	22.87	ug/l	88
6) Vinyl Chloride	1.532	62	37322	21.18	ug/l	96
7) Chloroethane	1.852	64	22482	20.92	ug/l	96
8) Trichlorofluoromethane	2.040	101	72114	27.14	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.419	101	32288	25.34	ug/l	89
10) Methylene Chloride	2.784	84	38521	18.46	ug/l	97
11) Acrolein	2.350	56	30234	140.69	ug/l	85
12) Acrylonitrile	2.961	53	11573	15.95	ug/l	95
13) Iodomethane	2.547	142	77732	30.40	ug/l	83
14) Acetone	2.459	43	58897	113.79	ug/l	95
15) Carbon Disulfide	2.596	76	107614	26.54	ug/l	100
16) t-Butyl Alcohol	2.862	59	20576	96.52	ug/l	93
17) n-Hexane	3.207	57	22014	24.55	ug/l	83
18) Di-isopropyl-ether	3.374	45	122434	18.72	ug/l	89
19) 1,1-Dichloroethene	2.429	61	61004	21.20	ug/l	96
20) Methyl Acetate	2.705	43	29040	19.62	ug/l	100
21) Methyl-t-butyl ether	3.000	73	117850	21.30	ug/l	92
22) 1,1-Dichloroethane	3.325	63	67771	19.02	ug/l	97
23) trans-1,2-Dichloroethene	3.000	96	39250	21.22	ug/l	98
24) cis-1,2-Dichloroethene	3.779	61	67234	21.35	ug/l	95
25) Bromochloromethane	3.954	49	32623	18.94	ug/l	75
26) 2,2-Dichloropropane	3.785	77	50901	21.24	ug/l	79
27) 1,4-Dioxane	4.897	88	21528	1115.74	ug/l	96
28) 1,1-Dichloropropene	4.236	75	51793	22.22	ug/l	99
29) Chloroform	4.002	83	72696	21.05	ug/l	82
31) Cyclohexane	4.176	56	35588	19.37	ug/l	90
33) 1,2-Dichloroethane	4.368	62	62832	19.96	ug/l	96
34) 2-Butanone	3.791	43	14188	14.97	ug/l	98
35) 1,1,1-Trichloroethane	4.134	97	65873	24.00	ug/l	97
36) Carbon Tetrachloride	4.242	117	54348	24.58	ug/l	86
37) Vinyl Acetate	3.355	43	136094	21.63	ug/l	100
38) Bromodichloromethane	4.969	83	57074	22.18	ug/l	90
39) Methylcyclohexane	4.819	83	31685	22.03	ug/l	90
40) Dibromomethane	4.897	174	37458	22.87	ug/l	87
41) 1,2-Dichloropropane	4.831	63	34133	18.34	ug/l	89
42) Trichloroethene	4.710	130	41298	23.25	ug/l	94
43) Benzene	4.362	78	119645	19.89	ug/l	100
44) tert-Amyl methyl ether	4.416	73	100836	22.12	ug/l	84
46) Dibromochloromethane	5.780	129	41932	22.72	ug/l	95
47) 2-Chloroethylvinylether	5.113	63	20232	20.37	ug/l	93
48) cis-1,3-Dichloropropene	5.197	75	59185	20.72	ug/l	90
49) trans-1,3-Dichloropropene	5.473	75	55752	21.10	ug/l	97
50) 1,1,2-Trichloroethane	5.569	97	30089	20.15	ug/l	94
51) 1,2-Dibromoethane	5.852	107	36426	22.62	ug/l	98
52) 1,3-Dichloropropane	5.660	76	49479	20.55	ug/l	97
53) 4-Methyl-2-Pentanone	5.269	43	27088	16.52	ug/l	80
54) 2-Hexanone	5.684	43	22795	19.77	ug/l	93
55) Tetrachloroethene	5.660	164	33171	22.09	ug/l	98
57) Toluene	5.377	92	66816	19.66	ug/l	89
58) 1,1,1,2-Tetrachloroethane	6.134	133	35751	22.91	ug/l	99
59) Chlorobenzene	6.098	112	84362	21.17	ug/l	99
61) Bromoform	6.531	173	32543	22.18	ug/l	91
62) Ethylbenzene	6.146	106	38064	18.11	ug/l	95
63) 1,1,2,2-Tetrachloroethane	6.747	83	36410	19.42	ug/l	93
65) Styrene	6.416	104	91695	21.25	ug/l	90
66) m&p-Xylenes	6.200	106	94886	39.68	ug/l	87

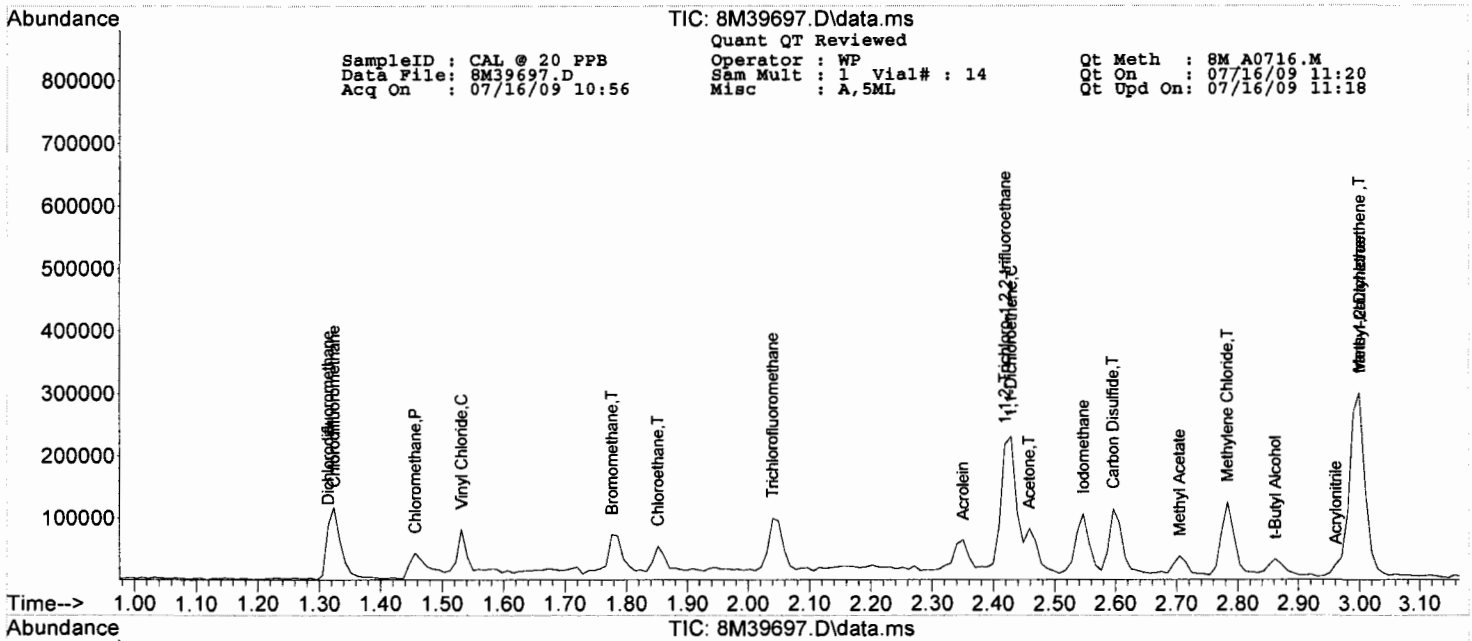
Quantitation Report (QT Reviewed)

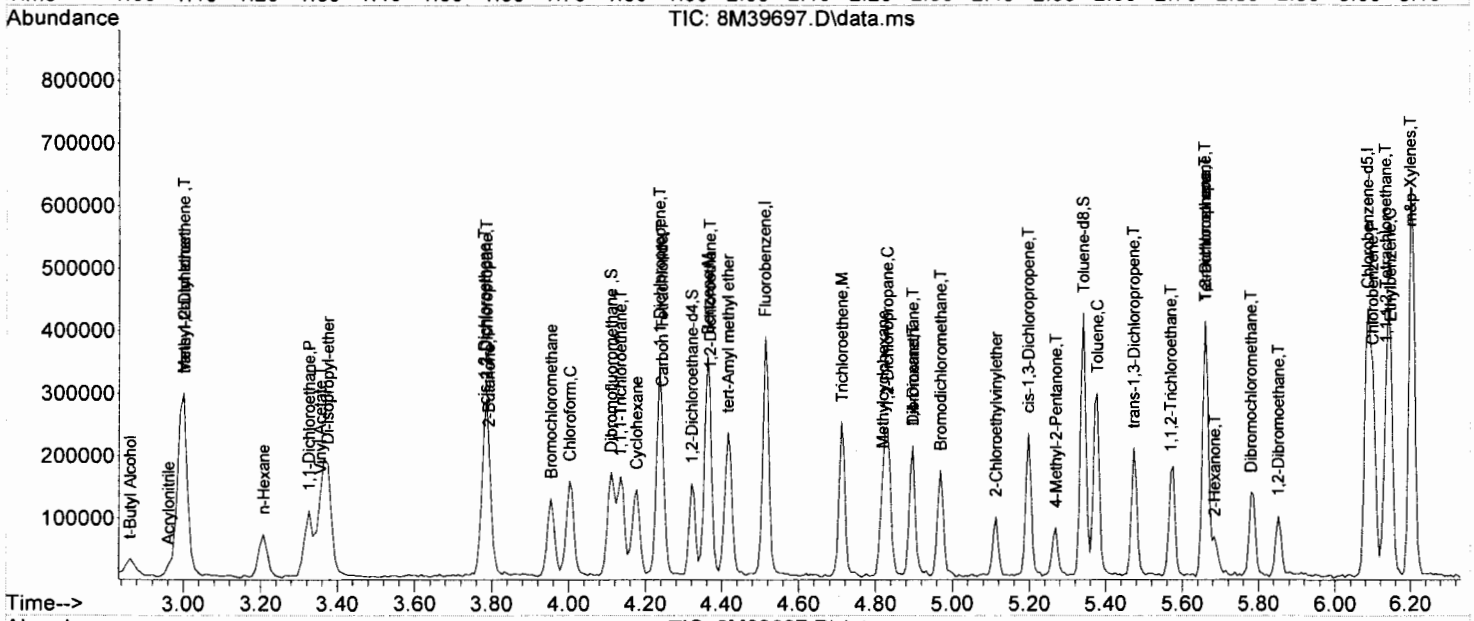
SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39697.D Sam Mult : 1 Vial# : 14 Qt On : 07/16/09 11:20
Acq On : 07/16/09 10:56 Misc : A,5ML Qt Upd On: 07/16/09 11:18

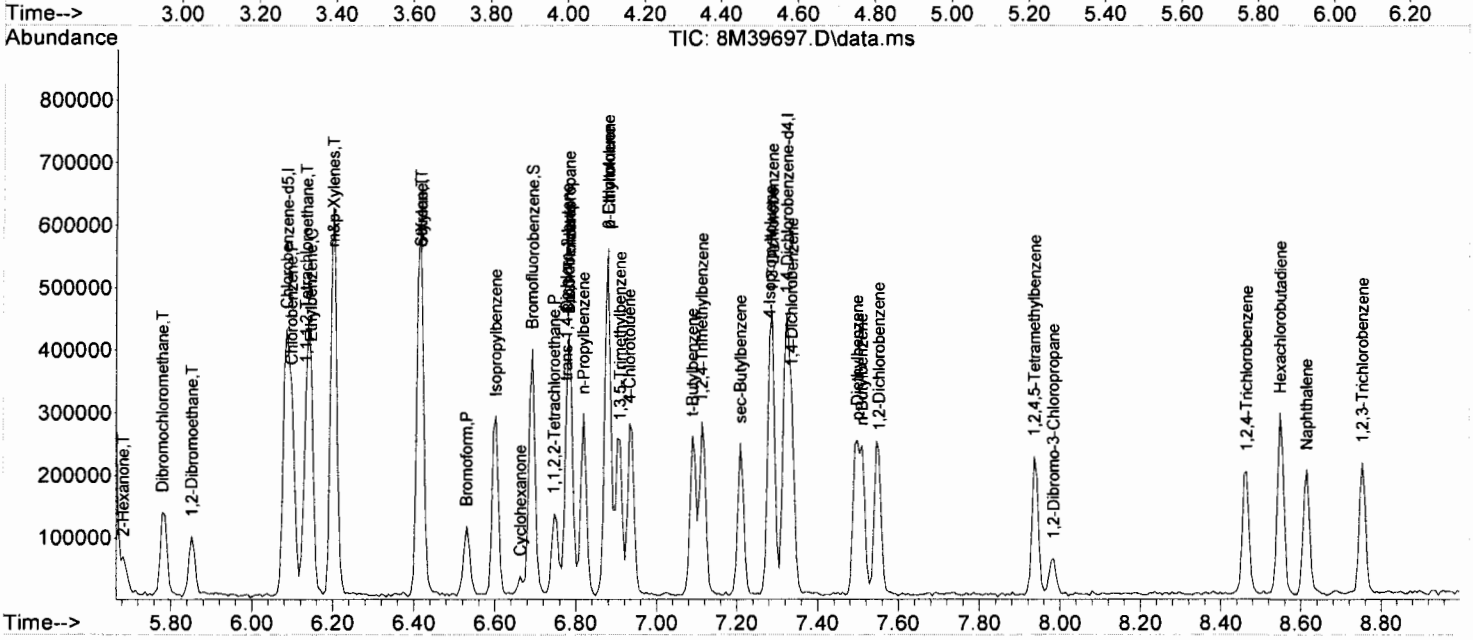
Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.416	106	47804	20.15 ug/l	73
68) trans-1,4-Dichloro-2-b...	6.777	53	11646	18.37 ug/l	58
69) 1,3-Dichlorobenzene	7.287	146	65894	22.49 ug/l	97
70) 1,4-Dichlorobenzene	7.335	146	70531	21.28 ug/l	94
71) 1,2-Dichlorobenzene	7.552	146	66332	21.97 ug/l	98
72) Isopropylbenzene	6.603	105	109777	20.23 ug/l	96
73) Cyclohexanone	6.663	55	5979	93.02 ug/l	81
74) 1,2,3-Trichloropropane	6.783	75	48525	20.70 ug/l	94
75) 2-Chlorotoluene	6.879	91	103512	23.41 ug/l	93
76) p-Ethyltoluene	6.879	105	97373	18.92 ug/l	94
77) 4-Chlorotoluene	6.933	91	92088	19.51 ug/l	93
78) n-Propylbenzene	6.819	91	120124	20.41 ug/l	93
79) Bromobenzene	6.783	77	76735	18.20 ug/l	95
80) 1,3,5-Trimethylbenzene	6.909	105	90009	20.68 ug/l	89
81) t-Butylbenzene	7.089	119	82890	21.67 ug/l	88
82) 1,2,4-Trimethylbenzene	7.113	105	91855	19.98 ug/l	92
83) sec-Butylbenzene	7.209	105	93634	21.03 ug/l	96
84) 4-Isopropyltoluene	7.281	119	79888	21.90 ug/l	91
85) n-Butylbenzene	7.510	91	95762	21.52 ug/l	94
86) p-Diethylbenzene	7.498	119	47045	19.52 ug/l	99
87) 1,2,4,5-Tetramethylben...	7.936	119	74941	21.60 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	7.984	157	9091	18.61 ug/l	81
89) Hexachlorobutadiene	8.549	225	41680	21.70 ug/l	94
90) 1,2,4-Trichlorobenzene	8.465	180	43098	22.00 ug/l	96
91) 1,2,3-Trichlorobenzene	8.753	180	42235	20.49 ug/l	97
92) Naphthalene	8.615	128	95629	21.80 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39697.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 8M39697.D
Acq On : 07/16/09 10:56
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07716/09 11:20
Qt Upd On: 07/16/09 11:18
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39697.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
Toluene-d8,S
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->


Abundance
TIC: 8M39697.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39692.D Sam Mult : 1 Vial# : 9 Qt On : 07/16/09 11:21
Acq On : 07/16/09 09:34 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.513	96	152408	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.080	117	103118	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	59088	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.104	111	54447	32.61	ug/l	0.00
Spiked Amount 30.000			Recovery = 108.70%			
32) 1,2-Dichloroethane-d4	4.320	102	9742	32.22	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.40%			
56) Toluene-d8	5.342	100	83449	29.61	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.70%			
64) Bromofluorobenzene	6.693	174	65300	30.62	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.07%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.323	51	12807	4.57	ug/l	84
3) Dichlorodifluoromethane	1.313	85	7834	4.47	ug/l	89
4) Chloromethane	1.455	50	9339	5.10	ug/l	82
5) Bromomethane	1.775	94	7455	6.54	ug/l	96
6) Vinyl Chloride	1.530	62	9191	5.87	ug/l	89
7) Chloroethane	1.851	64	5608	5.87	ug/l	95
8) Trichlorofluoromethane	2.039	101	14212	6.02	ug/l	92
9) 1,1,2-Trichloro-1,2,2-...	2.420	101	6368	5.62	ug/l	72
10) Methylene Chloride	2.784	84	8777	4.73	ug/l	74
11) Acrolein	2.341	56	6357	33.29	ug/l	94
12) Acrylonitrile	2.961	53	2195	3.40	ug/l	71
13) Iodomethane	2.538	142	15796	6.95	ug/l	96
14) Acetone	2.459	43	13090	28.46	ug/l	87
15) Carbon Disulfide	2.597	76	21611	6.00	ug/l	100
16) t-Butyl Alcohol	2.853	59	3922	20.70	ug/l	78
17) n-Hexane	3.197	57	5046	6.33	ug/l	82
18) Di-isopropyl-ether	3.365	45	25463	4.38	ug/l	94
19) 1,1-Dichloroethene	2.420	61	13401	5.24	ug/l	90
20) Methyl Acetate	2.705	43	4664	3.55	ug/l	100
21) Methyl-t-butyl ether	2.991	73	25839	5.25	ug/l	90
22) 1,1-Dichloroethane	3.316	63	16426	5.19	ug/l	89
23) trans-1,2-Dichloroethene	2.991	96	8797	5.35	ug/l	97
24) cis-1,2-Dichloroethene	3.780	61	15046	5.38	ug/l	91
25) Bromochloromethane	3.954	49	6427	4.20	ug/l	81
26) 2,2-Dichloropropane	3.780	77	13492	6.34	ug/l	80
27) 1,4-Dioxane	4.897	88	3686	214.97	ug/l	74
28) 1,1-Dichloropropene	4.230	75	11030	5.33	ug/l	82
29) Chloroform	3.996	83	18462	6.02	ug/l	97
31) Cyclohexane	4.176	56	8570	5.25	ug/l	95
33) 1,2-Dichloroethane	4.362	62	14938	5.34	ug/l	96
34) 2-Butanone	3.792	43	3189	3.79	ug/l	89
35) 1,1,1-Trichloroethane	4.128	97	13273	5.44	ug/l	88
36) Carbon Tetrachloride	4.242	117	12320	6.27	ug/l	100
37) Vinyl Acetate	3.355	43	29251	5.23	ug/l	100
38) Bromodichloromethane	4.969	83	12170	5.32	ug/l	91
39) Methylcyclohexane	4.819	83	5407	4.23	ug/l	81
40) Dibromomethane	4.897	174	8108	5.57	ug/l	93
41) 1,2-Dichloropropane	4.831	63	7387	4.47	ug/l	64
42) Trichloroethene	4.711	130	9955m	6.31	ug/l	
43) Benzene	4.362	78	28719	5.37	ug/l	100
44) tert-Amyl methyl ether	4.417	73	21134	5.22	ug/l	78
46) Dibromochloromethane	5.780	129	7822	4.87	ug/l	99
47) 2-Chloroethylvinylether	5.107	63	4359	5.04	ug/l	72
48) cis-1,3-Dichloropropene	5.191	75	12296	4.94	ug/l	81
49) trans-1,3-Dichloropropene	5.474	75	13173	5.73	ug/l	99
50) 1,1,2-Trichloroethane	5.570	97	7444	5.73	ug/l	87
51) 1,2-Dibromoethane	5.852	107	7753	5.53	ug/l	88
52) 1,3-Dichloropropane	5.666	76	11812	5.63	ug/l	82
53) 4-Methyl-2-Pentanone	5.270	43	6007	4.21	ug/l	86
54) 2-Hexanone	5.684	43	3734	3.72	ug/l	67
55) Tetrachloroethene	5.666	164	7159	5.48	ug/l	55
57) Toluene	5.372	92	13881	4.69	ug/l	83
58) 1,1,1,2-Tetrachloroethane	6.135	133	7574	5.57	ug/l	76
59) Chlorobenzene	6.099	112	19303	5.56	ug/l	91
61) Bromoform	6.531	173	7052	5.56	ug/l	94
62) Ethylbenzene	6.141	106	8584	4.73	ug/l	82
63) 1,1,2,2-Tetrachloroethane	6.753	83	7072	4.37	ug/l	78
65) Styrene	6.417	104	18697	5.02	ug/l	96
66) m&p-Xylenes	6.201	106	19643	9.51	ug/l	85

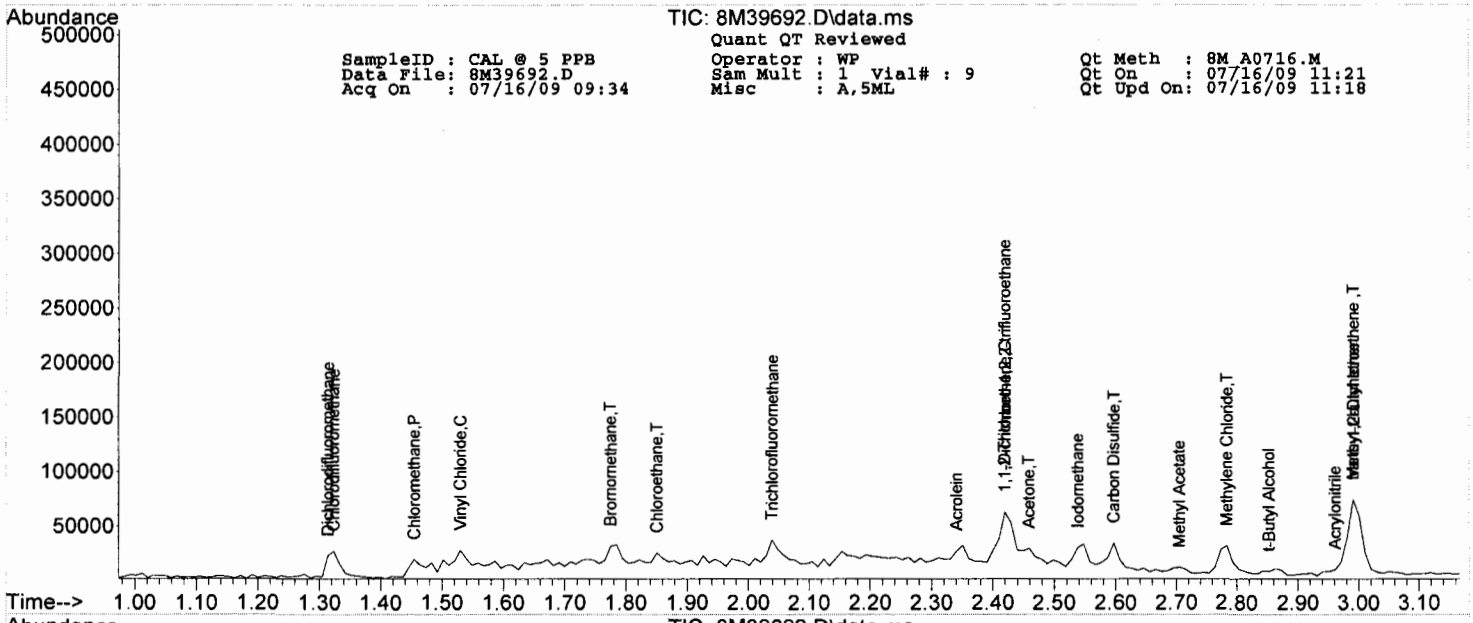
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39692.D Sam Mult : 1 Vial# : 9 Qt On : 07/16/09 11:21
Acq On : 07/16/09 09:34 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.417	106	9018	4.40 ug/l	58
68) trans-1,4-Dichloro-2-b...	6.777	53	2765	5.05 ug/l	51
69) 1,3-Dichlorobenzene	7.288	146	13777	5.44 ug/l	92
70) 1,4-Dichlorobenzene	7.336	146	15982	5.58 ug/l	85
71) 1,2-Dichlorobenzene	7.546	146	14931	5.73 ug/l	93
72) Isopropylbenzene	6.603	105	23545	5.02 ug/l	96
73) Cyclohexanone	6.663	55	1862	33.54 ug/l	89
74) 1,2,3-Trichloropropane	6.783	75	10837	5.35 ug/l	92
75) 2-Chlorotoluene	6.879	91	19256	5.04 ug/l	91
76) p-Ethyltoluene	6.879	105	20730	4.66 ug/l	97
77) 4-Chlorotoluene	6.939	91	19224	4.72 ug/l	88
78) n-Propylbenzene	6.819	91	27273	5.36 ug/l	95
79) Bromobenzene	6.783	77	18950	5.20 ug/l	97
80) 1,3,5-Trimethylbenzene	6.909	105	19141	5.09 ug/l	93
81) t-Butylbenzene	7.090	119	16416	4.97 ug/l	78
82) 1,2,4-Trimethylbenzene	7.114	105	19572	4.93 ug/l	84
83) sec-Butylbenzene	7.210	105	17022	4.43 ug/l	89
84) 4-Isopropyltoluene	7.282	119	17304	5.49 ug/l	93
85) n-Butylbenzene	7.510	91	20899	5.44 ug/l	88
86) p-Diethylbenzene	7.492	119	9977	4.79 ug/l	90
87) 1,2,4,5-Tetramethylben...	7.937	119	14006	4.67 ug/l	92
88) 1,2-Dibromo-3-Chloropr...	7.979	157	2058	4.88 ug/l	61
89) Hexachlorobutadiene	8.555	225	5591	3.37 ug/l	95
90) 1,2,4-Trichlorobenzene	8.465	180	8829	5.22 ug/l	86
91) 1,2,3-Trichlorobenzene	8.754	180	8162m	4.59 ug/l	
92) Naphthalene	8.615	128	18295	4.83 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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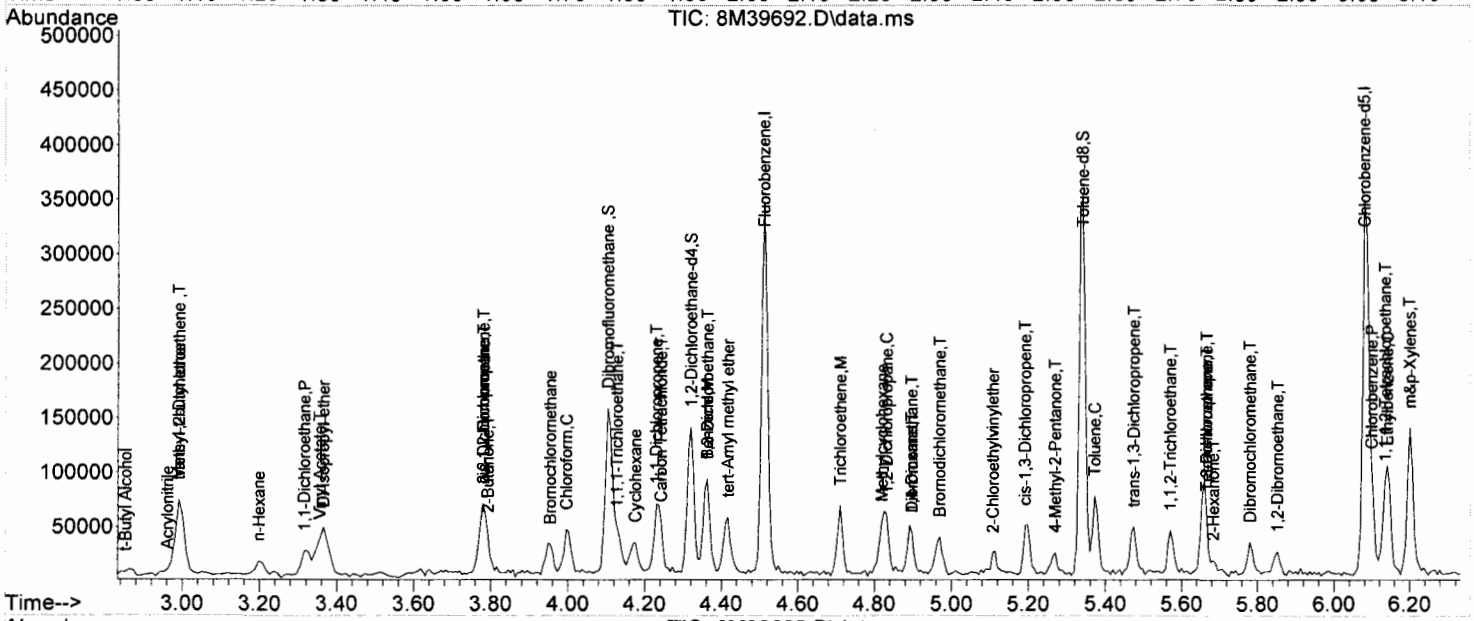
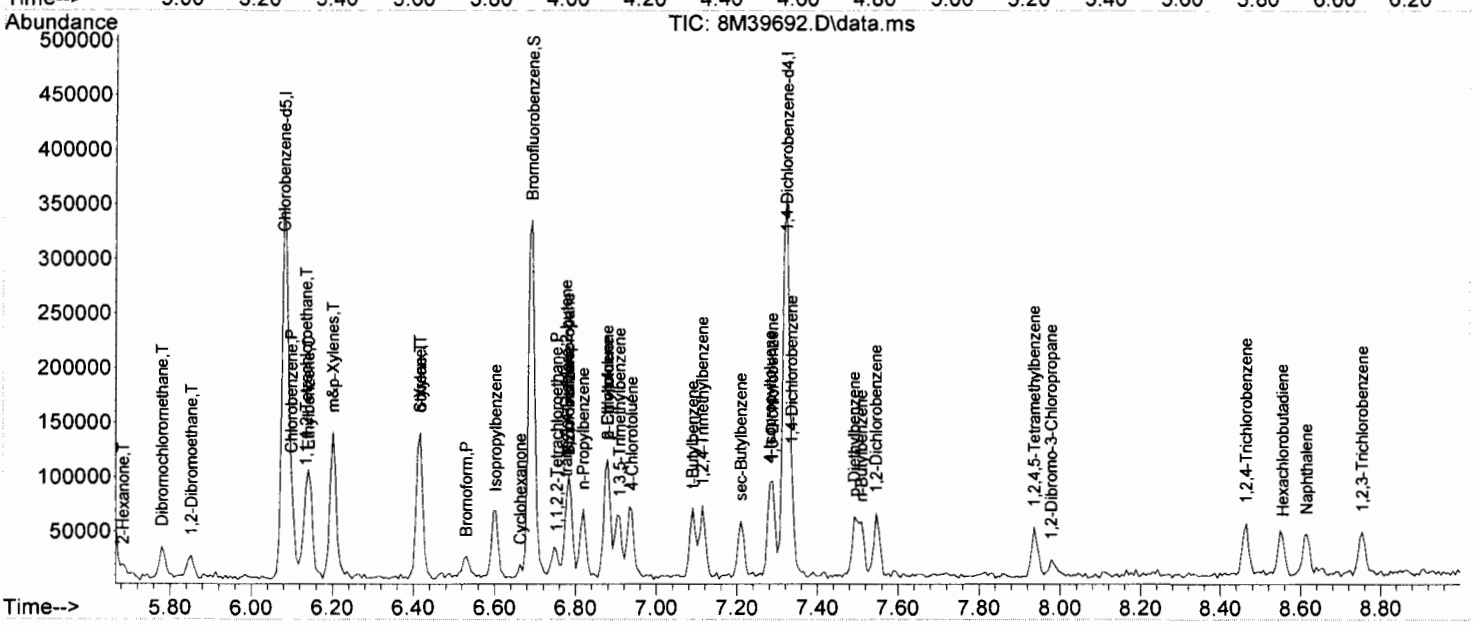
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 8M39692.D
Acq On : 07/16/09 09:34
Operator : WP
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:21
Qt Upd On: 07/16/09 11:18
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39692.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Time-->


Abundance
TIC: 8M39692.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromofluorobenzene,S
Bromoform,P
Isopropylbenzene
Cyclohexanone
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB
Data File: 8M39698.D
Acq On : 07/16/09 11:12

Operator : WP
Sam Mult : 1 Vial# : 15
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:23
Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.512	96	171197	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	114732	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	65367	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	58314	31.09	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.63%			
32) 1,2-Dichloroethane-d4	4.320	102	9769	28.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.90%			
56) Toluene-d8	5.341	100	93744	29.89	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.63%			
64) Bromofluorobenzene	6.693	174	74844	31.72	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.73%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.328	51	33913	10.77	ug/l	87
3) Dichlorodifluoromethane	1.318	85	21600	10.98	ug/l	95
4) Chloromethane	1.460	50	20152	9.79	ug/l	93
5) Bromomethane	1.780	94	15709	12.28	ug/l	95
6) Vinyl Chloride	1.535	62	19041	10.83	ug/l	95
7) Chloroethane	1.855	64	10017	9.34	ug/l	95
8) Trichlorofluoromethane	2.044	101	32952	12.42	ug/l	86
9) 1,1,2-Trichloro-1,2,2-...	2.420	101	14496	11.40	ug/l	73
10) Methylene Chloride	2.784	84	18877	9.06	ug/l	91
11) Acrolein	2.351	56	14920	69.55	ug/l	89
12) Acrylonitrile	2.971	53	5930	8.19	ug/l	69
13) Iodomethane	2.548	142	41542	16.28	ug/l	84
14) Acetone	2.459	43	27598	53.42	ug/l	99
15) Carbon Disulfide	2.597	76	56073	13.85	ug/l	100
16) t-Butyl Alcohol	2.863	59	11016	51.77	ug/l	81
17) n-Hexane	3.207	57	12339	13.78	ug/l	79
18) Di-isopropyl-ether	3.365	45	57968	8.88	ug/l	92
19) 1,1-Dichloroethene	2.429	61	34397	11.98	ug/l	92
20) Methyl Acetate	2.705	43	15124	10.24	ug/l	100
21) Methyl-t-butyl ether	3.000	73	62261	11.27	ug/l	93
22) 1,1-Dichloroethane	3.325	63	37102	10.43	ug/l	89
23) trans-1,2-Dichloroethene	2.991	96	18398	9.97	ug/l	94
24) cis-1,2-Dichloroethene	3.780	61	36062	11.47	ug/l	98
25) Bromochloromethane	3.954	49	16468	9.58	ug/l	86
26) 2,2-Dichloropropane	3.786	77	26430	11.05	ug/l	88
27) 1,4-Dioxane	4.903	88	10246	531.96	ug/l	90
28) 1,1-Dichloropropene	4.230	75	24173	10.39	ug/l	88
29) Chloroform	4.002	83	35356	10.26	ug/l	92
31) Cyclohexane	4.170	56	19461	10.61	ug/l	97
33) 1,2-Dichloroethane	4.368	62	33915	10.80	ug/l	96
34) 2-Butanone	3.786	43	7273	7.69	ug/l	86
35) 1,1,1-Trichloroethane	4.140	97	34513	12.60	ug/l	87
36) Carbon Tetrachloride	4.242	117	28190	12.77	ug/l	94
37) Vinyl Acetate	3.355	43	65467	10.42	ug/l	100
38) Bromodichloromethane	4.969	83	31936	12.43	ug/l	96
39) Methylcyclohexane	4.825	83	14894	10.37	ug/l	95
40) Dibromomethane	4.897	174	18559	11.35	ug/l	86
41) 1,2-Dichloropropane	4.831	63	18548	9.99	ug/l	92
42) Trichloroethene	4.711	130	22864	12.89	ug/l	85
43) Benzene	4.362	78	60382	10.05	ug/l	100
44) tert-Amyl methyl ether	4.416	73	49459	10.87	ug/l	81
46) Dibromochloromethane	5.786	129	22349	12.50	ug/l	88
47) 2-Chloroethylvinylether	5.113	63	11551	12.00	ug/l	85
48) cis-1,3-Dichloropropene	5.197	75	28376	10.25	ug/l	98
49) trans-1,3-Dichloropropene	5.474	75	28172	11.01	ug/l	91
50) 1,1,2-Trichloroethane	5.576	97	15475	10.70	ug/l	92
51) 1,2-Dibromoethane	5.852	107	18987	12.17	ug/l	97
52) 1,3-Dichloropropane	5.660	76	27450	11.77	ug/l	99
53) 4-Methyl-2-Pentanone	5.269	43	14650	9.22	ug/l	96
54) 2-Hexanone	5.684	43	10816	9.68	ug/l	91
55) Tetrachloroethene	5.660	164	15758	10.83	ug/l	75
57) Toluene	5.377	92	35321	10.73	ug/l	93
58) 1,1,1,2-Tetrachloroethane	6.134	133	18753	12.40	ug/l	94
59) Chlorobenzene	6.098	112	44602	11.55	ug/l	100
61) Bromoform	6.531	173	15886	11.33	ug/l	82
62) Ethylbenzene	6.146	106	21128	10.52	ug/l	94
63) 1,1,2,2-Tetrachloroethane	6.747	83	18237	10.18	ug/l	84
65) Styrene	6.417	104	41924	10.17	ug/l	88
66) m&p-Xylenes	6.200	106	50315	22.02	ug/l	93

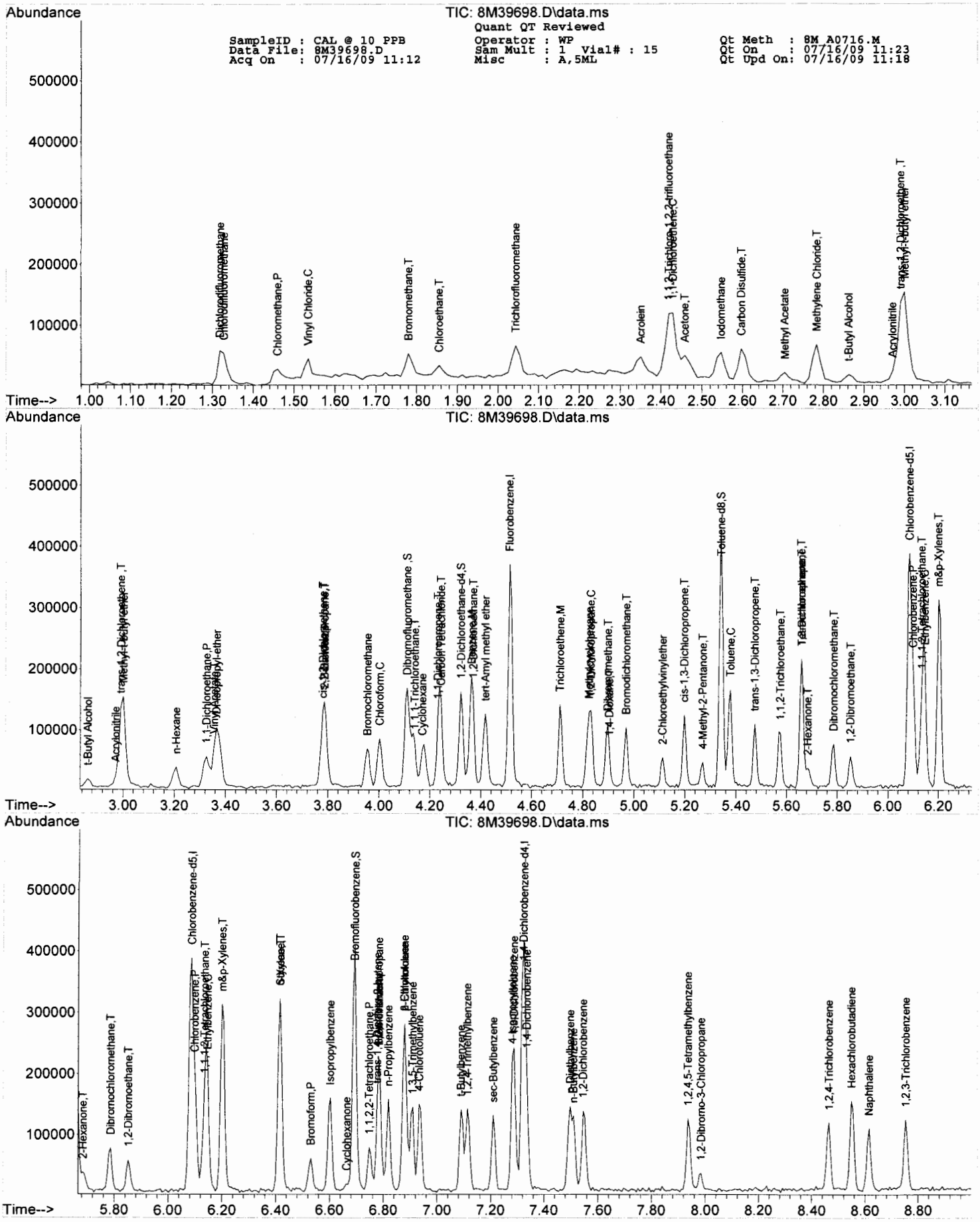
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39698.D Sam Mult : 1 Vial# : 15 Qt On : 07/16/09 11:23
Acq On : 07/16/09 11:12 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.417	106	24850	10.96 ug/l	85
68) trans-1,4-Dichloro-2-b...	6.777	53	5362	8.85 ug/l	63
69) 1,3-Dichlorobenzene	7.288	146	31672	11.31 ug/l	90
70) 1,4-Dichlorobenzene	7.336	146	35815	11.31 ug/l	88
71) 1,2-Dichlorobenzene	7.546	146	32558	11.29 ug/l	96
72) Isopropylbenzene	6.603	105	60678	11.70 ug/l	96
73) Cyclohexanone	6.663	55	2610m	42.50 ug/l	
74) 1,2,3-Trichloropropane	6.783	75	23240	10.38 ug/l	95
75) 2-Chlorotoluene	6.879	91	50176	11.88 ug/l	97
76) p-Ethyltoluene	6.879	105	53781	10.94 ug/l	96
77) 4-Chlorotoluene	6.933	91	48152	10.68 ug/l	96
78) n-Propylbenzene	6.819	91	63611	11.31 ug/l	93
79) Bromobenzene	6.783	77	36998	9.18 ug/l	91
80) 1,3,5-Trimethylbenzene	6.909	105	45526	10.95 ug/l	98
81) t-Butylbenzene	7.089	119	40722	11.14 ug/l	83
82) 1,2,4-Trimethylbenzene	7.113	105	45383	10.33 ug/l	92
83) sec-Butylbenzene	7.210	105	44999	10.58 ug/l	100
84) 4-Isopropyltoluene	7.282	119	41569	11.93 ug/l	92
85) n-Butylbenzene	7.510	91	47060	11.07 ug/l	93
86) p-Diethylbenzene	7.498	119	25745	11.18 ug/l	94
87) 1,2,4,5-Tetramethylben...	7.936	119	40132	12.10 ug/l	82
88) 1,2-Dibromo-3-Chloropr...	7.984	157	4512	9.67 ug/l	98
89) Hexachlorobutadiene	8.549	225	21920	11.94 ug/l	95
90) 1,2,4-Trichlorobenzene	8.465	180	24181	12.92 ug/l	95
91) 1,2,3-Trichlorobenzene	8.753	180	22449	11.40 ug/l	96
92) Naphthalene	8.615	128	43824	10.46 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39698.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 8M39698.D
Acq On : 07/16/09 11:12
Operator : WP
Sam Mult : 1 Vial# : 15
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:23
Qt Upd On: 07/16/09 11:18
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39696.D Sam Mult : 1 Vial# : 13 Qt On : 07/16/09 11:20
Acq On : 07/16/09 10:40 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.512	96	172626	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	124084	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	66182	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.109	111	62339	32.96	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.87%			
32) 1,2-Dichloroethane-d4	4.320	102	10168	29.69	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.97%			
56) Toluene-d8	5.341	100	100554	29.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.83%			
64) Bromofluorobenzene	6.692	174	74856	31.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.43%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.328	51	161023	50.73	ug/l	82
3) Dichlorodifluoromethane	1.318	85	96292	48.56	ug/l	92
4) Chloromethane	1.450	50	87256	42.03	ug/l	97
5) Bromomethane	1.780	94	65045	50.41	ug/l	91
6) Vinyl Chloride	1.535	62	90674	51.12	ug/l	100
7) Chloroethane	1.855	64	50948	47.11	ug/l	100
8) Trichlorofluoromethane	2.044	101	139635	52.21	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.419	101	72334	56.40	ug/l	89
10) Methylene Chloride	2.784	84	95561	45.50	ug/l	86
11) Acrolein	2.350	56	71080	328.59	ug/l	78
12) Acrylonitrile	2.971	53	29749	40.73	ug/l	95
13) Iodomethane	2.547	142	202421	78.65	ug/l	83
14) Acetone	2.459	43	139507	267.78	ug/l	97
15) Carbon Disulfide	2.596	76	261503	64.06	ug/l	100
16) t-Butyl Alcohol	2.862	59	45658	212.78	ug/l	71
17) n-Hexane	3.207	57	55099	61.04	ug/l	82
18) Di-isopropyl-ether	3.374	45	302782	45.99	ug/l	91
19) 1,1-Dichloroethene	2.429	61	145550	50.25	ug/l	99
20) Methyl Acetate	2.705	43	65427	43.91	ug/l	100
21) Methyl-t-butyl ether	3.000	73	300931	54.03	ug/l	90
22) 1,1-Dichloroethane	3.325	63	168230	46.92	ug/l	98
23) trans-1,2-Dichloroethene	3.000	96	89585	48.13	ug/l	99
24) cis-1,2-Dichloroethene	3.785	61	160528	50.65	ug/l	96
25) Bromochloromethane	3.953	49	73269	42.26	ug/l	79
26) 2,2-Dichloropropane	3.785	77	128160	53.14	ug/l	87
27) 1,4-Dioxane	4.896	88	49849	2566.68	ug/l	88
28) 1,1-Dichloropropene	4.235	75	114970	49.01	ug/l	95
29) Chloroform	4.001	83	173822	50.01	ug/l	98
31) Cyclohexane	4.175	56	89257	48.28	ug/l	93
33) 1,2-Dichloroethane	4.368	62	156186	49.30	ug/l	95
34) 2-Butanone	3.785	43	38630	40.49	ug/l	88
35) 1,1,1-Trichloroethane	4.133	97	154249	55.84	ug/l	95
36) Carbon Tetrachloride	4.242	117	132628	59.60	ug/l	86
37) Vinyl Acetate	3.355	43	330475	52.19	ug/l	100
38) Bromodichloromethane	4.968	83	141054	54.47	ug/l	90
39) Methylcyclohexane	4.818	83	68916	47.60	ug/l	91
40) Dibromomethane	4.896	174	95965	58.22	ug/l	96
41) 1,2-Dichloropropane	4.830	63	82494	44.04	ug/l	92
42) Trichloroethene	4.710	130	97512	54.54	ug/l	91
43) Benzene	4.362	78	292925	48.37	ug/l	100
44) tert-Amyl methyl ether	4.416	73	238915	52.07	ug/l	81
46) Dibromochloromethane	5.785	129	110452	57.11	ug/l	98
47) 2-Chloroethylvinylether	5.112	63	50981	48.97	ug/l	98
48) cis-1,3-Dichloropropene	5.197	75	145939	48.76	ug/l	93
49) trans-1,3-Dichloropropene	5.473	75	138100	49.89	ug/l	96
50) 1,1,2-Trichloroethane	5.575	97	75199	48.07	ug/l	97
51) 1,2-Dibromoethane	5.851	107	89360	52.96	ug/l	96
52) 1,3-Dichloropropane	5.659	76	118327	46.90	ug/l	97
53) 4-Methyl-2-Pentanone	5.269	43	65368	38.05	ug/l	99
54) 2-Hexanone	5.683	43	48694	40.31	ug/l	96
55) Tetrachloroethene	5.659	164	80842	51.39	ug/l	97
57) Toluene	5.377	92	164195	46.10	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.134	133	93021	56.88	ug/l	98
59) Chlorobenzene	6.098	112	200525	48.02	ug/l	98
61) Bromoform	6.530	173	85252	60.06	ug/l	97
62) Ethylbenzene	6.146	106	100346	49.35	ug/l	100
63) 1,1,2,2-Tetrachloroethane	6.746	83	91020	50.17	ug/l	80
65) Styrene	6.416	104	222522	53.31	ug/l	96
66) m&p-Xylenes	6.206	106	229485	99.20	ug/l	97

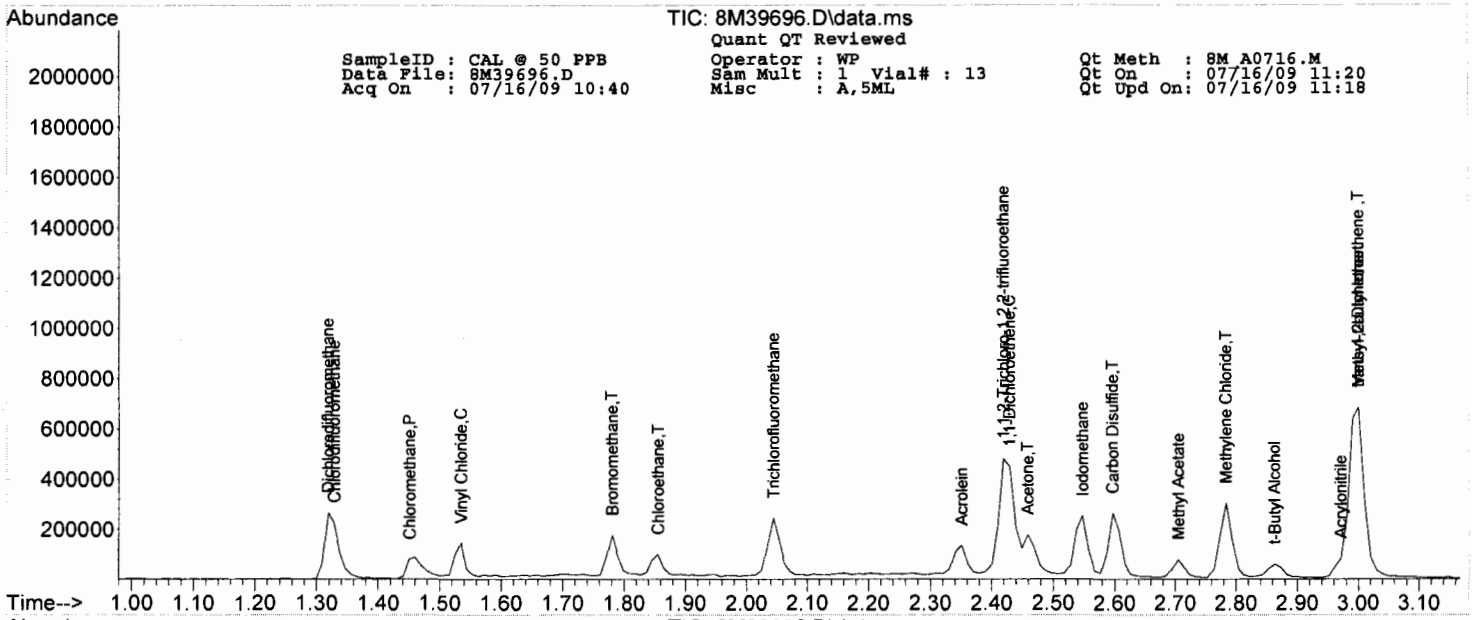
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39696.D Sam Mult : 1 Vial# : 13 Qt On : 07/16/09 11:20
Acq On : 07/16/09 10:40 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.416	106	122611	53.42	ug/l	88
68) trans-1,4-Dichloro-2-b...	6.776	53	32410	52.84	ug/l	42
69) 1,3-Dichlorobenzene	7.287	146	157037	55.40	ug/l	98
70) 1,4-Dichlorobenzene	7.335	146	164737	51.39	ug/l	96
71) 1,2-Dichlorobenzene	7.551	146	158384	54.23	ug/l	98
72) Isopropylbenzene	6.602	105	266236	50.72	ug/l	98
73) Cyclohexanone	6.662	55	13894	223.45	ug/l	95
74) 1,2,3-Trichloropropane	6.782	75	117668	51.90	ug/l	94
75) 2-Chlorotoluene	6.879	91	228252	53.37	ug/l	96
76) p-Ethyltoluene	6.879	105	248507	49.91	ug/l	96
77) 4-Chlorotoluene	6.933	91	210703	46.14	ug/l	91
78) n-Propylbenzene	6.818	91	299773	52.64	ug/l	96
79) Bromobenzene	6.782	77	181224	44.42	ug/l	93
80) 1,3,5-Trimethylbenzene	6.909	105	214967	51.06	ug/l	95
81) t-Butylbenzene	7.089	119	201208	54.37	ug/l	88
82) 1,2,4-Trimethylbenzene	7.113	105	228106	51.28	ug/l	91
83) sec-Butylbenzene	7.209	105	226531	52.58	ug/l	99
84) 4-Isopropyltoluene	7.281	119	194466	55.10	ug/l	95
85) n-Butylbenzene	7.509	91	218543	50.77	ug/l	95
86) p-Diethylbenzene	7.497	119	115813	49.66	ug/l	94
87) 1,2,4,5-Tetramethylben...	7.936	119	190781	56.83	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	7.984	157	22576	47.77	ug/l	79
89) Hexachlorobutadiene	8.548	225	83849	45.12	ug/l	94
90) 1,2,4-Trichlorobenzene	8.464	180	105169	55.50	ug/l	96
91) 1,2,3-Trichlorobenzene	8.753	180	102361	51.34	ug/l	96
92) Naphthalene	8.615	128	224442	52.90	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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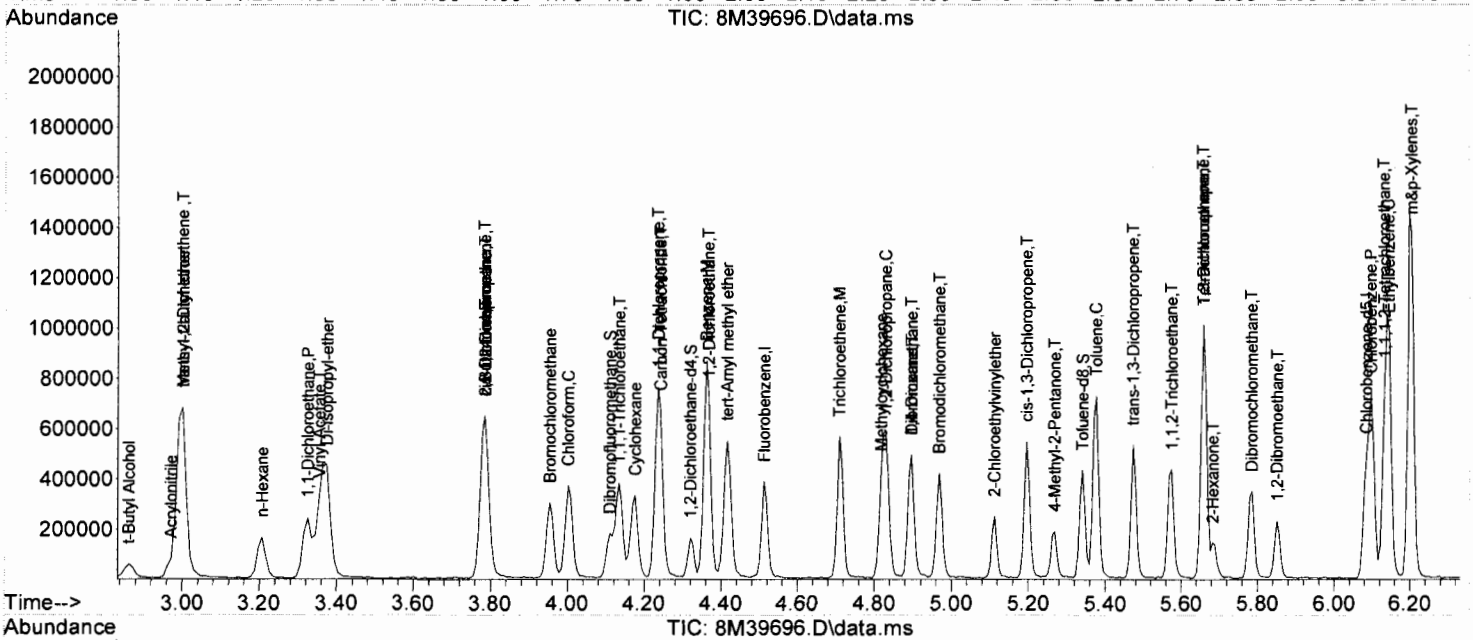
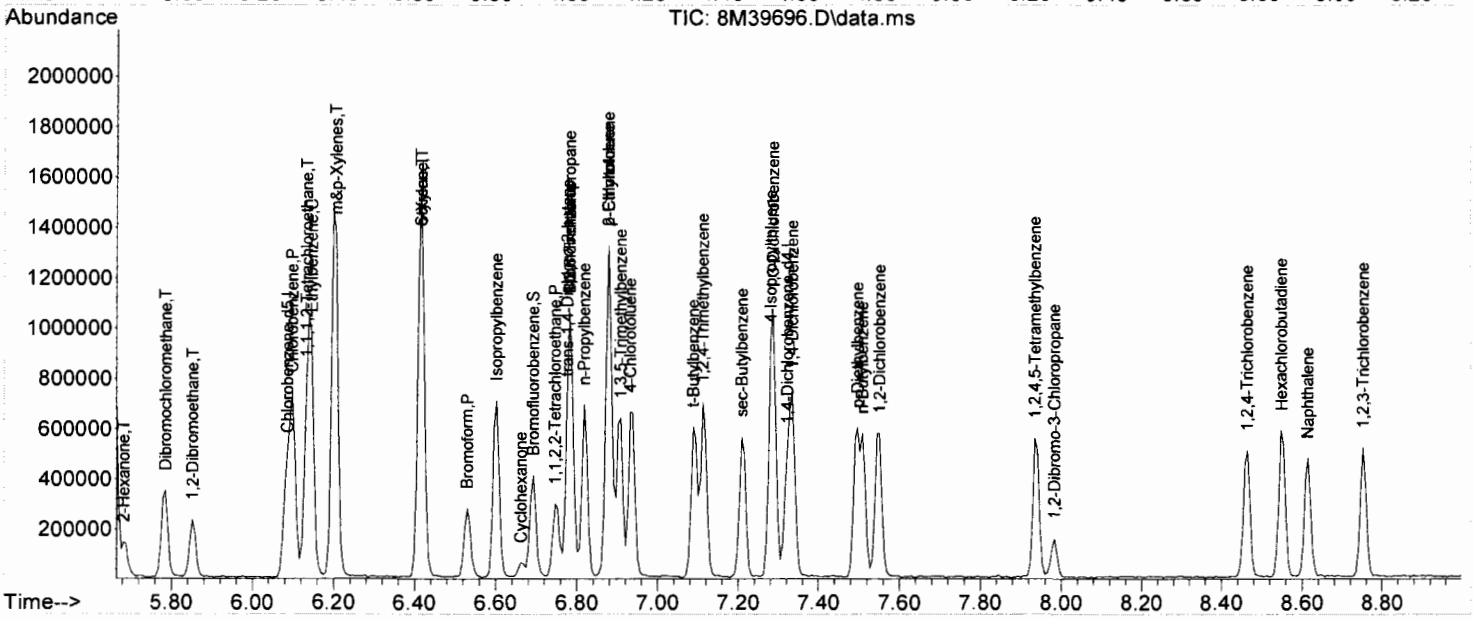
SampleID : CAL @ 50 PPB
Data File: 8M39696.D
Acq On : 07/16/09 10:40
Quant QT Reviewed
Operator : WP
Sam Mult : 1 Vial# : 13
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:20
Qt Upd On: 07/16/09 11:18
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39696.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Bromochloromethane
Chloroform,C
Cyclohexane
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->


Abundance
TIC: 8M39696.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39695.D Sam Mult : 1 Vial# : 12 Qt On : 07/16/09 11:19
Acq On : 07/16/09 10:23 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.512	96	180893	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	124226	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	71423	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.109	111	62380	31.48	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.93%			
32) 1,2-Dichloroethane-d4	4.320	102	10033	27.96	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.20%			
56) Toluene-d8	5.341	100	101395	29.86	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.53%			
64) Bromofluorobenzene	6.692	174	75832	29.41	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.03%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.324	51	348406	104.76	ug/l	80
3) Dichlorodifluoromethane	1.314	85	201806	97.12	ug/l	96
4) Chloromethane	1.456	50	186431	85.70	ug/l	93
5) Bromomethane	1.776	94	131565	97.31	ug/l	98
6) Vinyl Chloride	1.531	62	188816	101.59	ug/l	95
7) Chloroethane	1.851	64	102109	90.10	ug/l	93
8) Trichlorofluoromethane	2.040	101	316434	112.91	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.418	101	145618	108.36	ug/l	88
10) Methylene Chloride	2.783	84	190481	86.55	ug/l	88
11) Acrolein	2.350	56	144144	635.90	ug/l	99
12) Acrylonitrile	2.970	53	61794	80.73	ug/l	94
13) Iodomethane	2.546	142	370991	137.57	ug/l	85
14) Acetone	2.458	43	268644	492.09	ug/l	94
15) Carbon Disulfide	2.596	76	523342	122.35	ug/l	100
16) t-Butyl Alcohol	2.862	59	98984	440.21	ug/l	86
17) n-Hexane	3.206	57	113920	120.43	ug/l	86
18) Di-isopropyl-ether	3.373	45	601949	87.24	ug/l	97
19) 1,1-Dichloroethene	2.428	61	295013	97.20	ug/l	97
20) Methyl Acetate	2.704	43	133351	85.42	ug/l	100
21) Methyl-t-butyl ether	2.999	73	574815	98.48	ug/l	92
22) 1,1-Dichloroethane	3.324	63	355205	94.54	ug/l	97
23) trans-1,2-Dichloroethene	2.999	96	180314	92.44	ug/l	96
24) cis-1,2-Dichloroethene	3.779	61	314514	94.70	ug/l	99
25) Bromochloromethane	3.953	49	151027	83.13	ug/l	81
26) 2,2-Dichloropropane	3.785	77	268684	106.32	ug/l	94
27) 1,4-Dioxane	4.896	88	101329	4978.91	ug/l	95
28) 1,1-Dichloropropene	4.235	75	234787	95.51	ug/l	93
29) Chloroform	4.001	83	357829	98.25	ug/l	94
31) Cyclohexane	4.175	56	186328	96.17	ug/l	98
33) 1,2-Dichloroethane	4.368	62	303714	91.49	ug/l	98
34) 2-Butanone	3.791	43	74737	74.76	ug/l	96
35) 1,1,1-Trichloroethane	4.133	97	315822	109.10	ug/l	98
36) Carbon Tetrachloride	4.241	117	272567	116.89	ug/l	84
37) Vinyl Acetate	3.354	43	674462	101.64	ug/l	100
38) Bromodichloromethane	4.968	83	289267	106.59	ug/l	96
39) Methylcyclohexane	4.818	83	148166	97.65	ug/l	94
40) Dibromomethane	4.896	174	186607	108.03	ug/l	93
41) 1,2-Dichloropropane	4.830	63	169157	86.18	ug/l	97
42) Trichloroethene	4.710	130	207962	111.00	ug/l	90
43) Benzene	4.362	78	580068	91.41	ug/l	100
44) tert-Amyl methyl ether	4.416	73	485935	101.07	ug/l	81
46) Dibromochloromethane	5.785	129	219199	113.21	ug/l	98
47) 2-Chloroethylvinylether	5.112	63	100705	96.63	ug/l	97
48) cis-1,3-Dichloropropene	5.197	75	290871	97.07	ug/l	99
49) trans-1,3-Dichloropropene	5.473	75	289656	104.52	ug/l	94
50) 1,1,2-Trichloroethane	5.575	97	153087	97.74	ug/l	94
51) 1,2-Dibromoethane	5.851	107	177951	105.34	ug/l	100
52) 1,3-Dichloropropane	5.659	76	247157	97.86	ug/l	99
53) 4-Methyl-2-Pentanone	5.269	43	140504	81.70	ug/l	97
54) 2-Hexanone	5.683	43	103368	85.48	ug/l	93
55) Tetrachloroethene	5.659	164	159270	101.12	ug/l	95
57) Toluene	5.377	92	341075	95.66	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.134	133	173036	105.68	ug/l	98
59) Chlorobenzene	6.098	112	414882	99.24	ug/l	98
61) Bromoform	6.530	173	174440	113.88	ug/l	95
62) Ethylbenzene	6.146	106	193587	88.21	ug/l	95
63) 1,1,2,2-Tetrachloroethane	6.746	83	179317	91.59	ug/l	91
65) Styrene	6.416	104	439309	97.53	ug/l	89
66) m&p-Xylenes	6.206	106	456003	182.65	ug/l	97

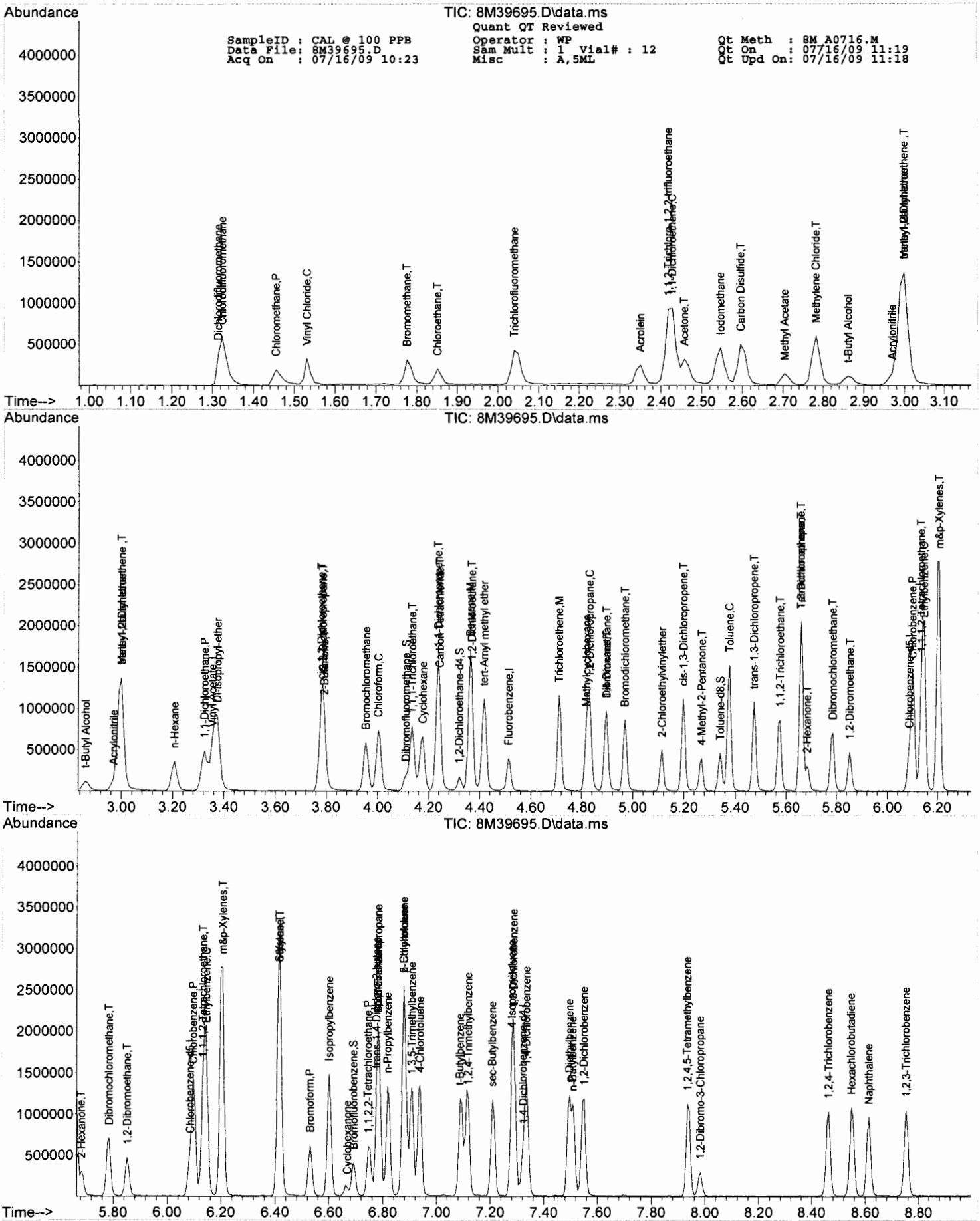
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39695.D Sam Mult : 1 Vial# : 12 Qt On : 07/16/09 11:19
Acq On : 07/16/09 10:23 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.416	106	235492	95.08	ug/l	84
68) trans-1,4-Dichloro-2-b...	6.776	53	63968	96.64	ug/l	43
69) 1,3-Dichlorobenzene	7.287	146	310046	101.35	ug/l	97
70) 1,4-Dichlorobenzene	7.335	146	334282	96.62	ug/l	98
71) 1,2-Dichlorobenzene	7.551	146	312417	99.12	ug/l	97
72) Isopropylbenzene	6.602	105	536493	94.70	ug/l	98
73) Cyclohexanone	6.668	55	28403	423.28	ug/l	91
74) 1,2,3-Trichloropropane	6.782	75	234018	95.64	ug/l	93
75) 2-Chlorotoluene	6.879	91	449844	97.46	ug/l	96
76) p-Ethyltoluene	6.879	105	481810	89.66	ug/l	95
77) 4-Chlorotoluene	6.939	91	438208	88.92	ug/l	96
78) n-Propylbenzene	6.818	91	609048	99.11	ug/l	99
79) Bromobenzene	6.782	77	361527	82.12	ug/l	95
80) 1,3,5-Trimethylbenzene	6.909	105	438255	96.46	ug/l	93
81) t-Butylbenzene	7.089	119	392777	98.35	ug/l	88
82) 1,2,4-Trimethylbenzene	7.119	105	451532	94.06	ug/l	89
83) sec-Butylbenzene	7.209	105	465167	100.05	ug/l	95
84) 4-Isopropyltoluene	7.281	119	381113	100.07	ug/l	91
85) n-Butylbenzene	7.509	91	436091	93.88	ug/l	96
86) p-Diethylbenzene	7.497	119	231236	91.88	ug/l	96
87) 1,2,4,5-Tetramethylben...	7.936	119	386953	106.81	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	7.984	157	47047	92.25	ug/l	95
89) Hexachlorobutadiene	8.548	225	167901	83.72	ug/l	99
90) 1,2,4-Trichlorobenzene	8.464	180	217019	106.11	ug/l	98
91) 1,2,3-Trichlorobenzene	8.753	180	215066	99.96	ug/l	97
92) Naphthalene	8.615	128	454852	99.33	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39695.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 8M39695.D
Acq On : 07/16/09 10:23
Operator : WP
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:19
Qt Upd On: 07/16/09 11:18
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39694.D Sam Mult : 1 Vial# : 11 Qt On : 07/16/09 11:19
Acq On : 07/16/09 10:07 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.514	96	174317	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.081	117	120782	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.325	152	72551	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	62539	32.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.17%			
32) 1,2-Dichloroethane-d4	4.321	102	10644	30.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.60%			
56) Toluene-d8	5.343	100	100616	30.48	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.60%			
64) Bromofluorobenzene	6.694	174	78459	29.96	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.87%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.324	51	838256	261.55	ug/l	87
3) Dichlorodifluoromethane	1.314	85	534236	266.80	ug/l	95
4) Chloromethane	1.456	50	463105	220.93	ug/l	99
5) Bromomethane	1.776	94	311158	238.82	ug/l	98
6) Vinyl Chloride	1.531	62	455610	254.38	ug/l	100
7) Chloroethane	1.851	64	257606	235.89	ug/l	97
8) Trichlorofluoromethane	2.040	101	766270	283.75	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.421	101	346524	267.59	ug/l	88
10) Methylene Chloride	2.785	84	454653	214.38	ug/l	96
11) Acrolein	2.352	56	331109	1515.82	ug/l	89
12) Acrylonitrile	2.972	53	143608	194.69	ug/l	98
13) Iodomethane	2.549	142	951638	366.19	ug/l	80
14) Acetone	2.460	43	627763	1193.29	ug/l	98
15) Carbon Disulfide	2.598	76	1351343	327.84	ug/l	100
16) t-Butyl Alcohol	2.864	59	228352	1053.86	ug/l	90
17) n-Hexane	3.208	57	286054	313.81	ug/l	84
18) Di-isopropyl-ether	3.366	45	1581971	237.93	ug/l	100
19) 1,1-Dichloroethene	2.421	61	705668	241.28	ug/l	96
20) Methyl Acetate	2.706	43	315457	209.68	ug/l	100
21) Methyl-t-butyl ether	2.992	73	1404139	249.65	ug/l	93
22) 1,1-Dichloroethane	3.326	63	868051	239.74	ug/l	99
23) trans-1,2-Dichloroethene	2.992	96	453135	241.06	ug/l	92
24) cis-1,2-Dichloroethene	3.781	61	778439	243.24	ug/l	94
25) Bromochloromethane	3.955	49	361854	206.70	ug/l	82
26) 2,2-Dichloropropane	3.787	77	659518	270.81	ug/l	96
27) 1,4-Dioxane	4.898	88	228581	11655.28	ug/l	91
28) 1,1-Dichloropropene	4.237	75	593587	250.57	ug/l	93
29) Chloroform	4.003	83	862814	245.83	ug/l	99
31) Cyclohexane	4.171	56	487403	261.06	ug/l	95
33) 1,2-Dichloroethane	4.369	62	712349	222.69	ug/l	97
34) 2-Butanone	3.787	43	174258	180.89	ug/l	95
35) 1,1,1-Trichloroethane	4.135	97	769480	275.84	ug/l	99
36) Carbon Tetrachloride	4.243	117	675082	300.42	ug/l	89
37) Vinyl Acetate	3.356	43	1700186	265.88	ug/l	100
38) Bromodichloromethane	4.970	83	721378	275.85	ug/l	98
39) Methylcyclohexane	4.820	83	367179	251.13	ug/l	94
40) Dibromomethane	4.898	174	451971	271.53	ug/l	94
41) 1,2-Dichloropropane	4.832	63	414932	219.38	ug/l	96
42) Trichloroethene	4.712	130	503721	278.99	ug/l	90
43) Benzene	4.363	78	1445657	236.40	ug/l	100
44) tert-Amyl methyl ether	4.417	73	1160898	250.57	ug/l	82
46) Dibromochloromethane	5.781	129	558764	296.80	ug/l	99
47) 2-Chloroethylvinylether	5.114	63	252016	248.71	ug/l	92
48) cis-1,3-Dichloropropene	5.198	75	731592	251.11	ug/l	97
49) trans-1,3-Dichloropropene	5.475	75	695860	258.24	ug/l	96
50) 1,1,2-Trichloroethane	5.571	97	369772	242.82	ug/l	98
51) 1,2-Dibromoethane	5.853	107	441633	268.89	ug/l	94
52) 1,3-Dichloropropane	5.661	76	575953	234.54	ug/l	100
53) 4-Methyl-2-Pentanone	5.264	43	346489	207.21	ug/l	96
54) 2-Hexanone	5.685	43	245042	208.42	ug/l	95
55) Tetrachloroethene	5.661	164	370270	241.79	ug/l	100
57) Toluene	5.379	92	818507	236.11	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.135	133	423119	265.79	ug/l	96
59) Chlorobenzene	6.099	112	971115	238.91	ug/l	100
61) Bromoform	6.532	173	464904	298.78	ug/l	98
62) Ethylbenzene	6.147	106	448073	201.00	ug/l	98
63) 1,1,2,2-Tetrachloroethane	6.748	83	429405	215.92	ug/l	88
65) Styrene	6.418	104	1023539	223.70	ug/l	90
66) m&p-Xylenes	6.202	106	1052904	415.19	ug/l	97

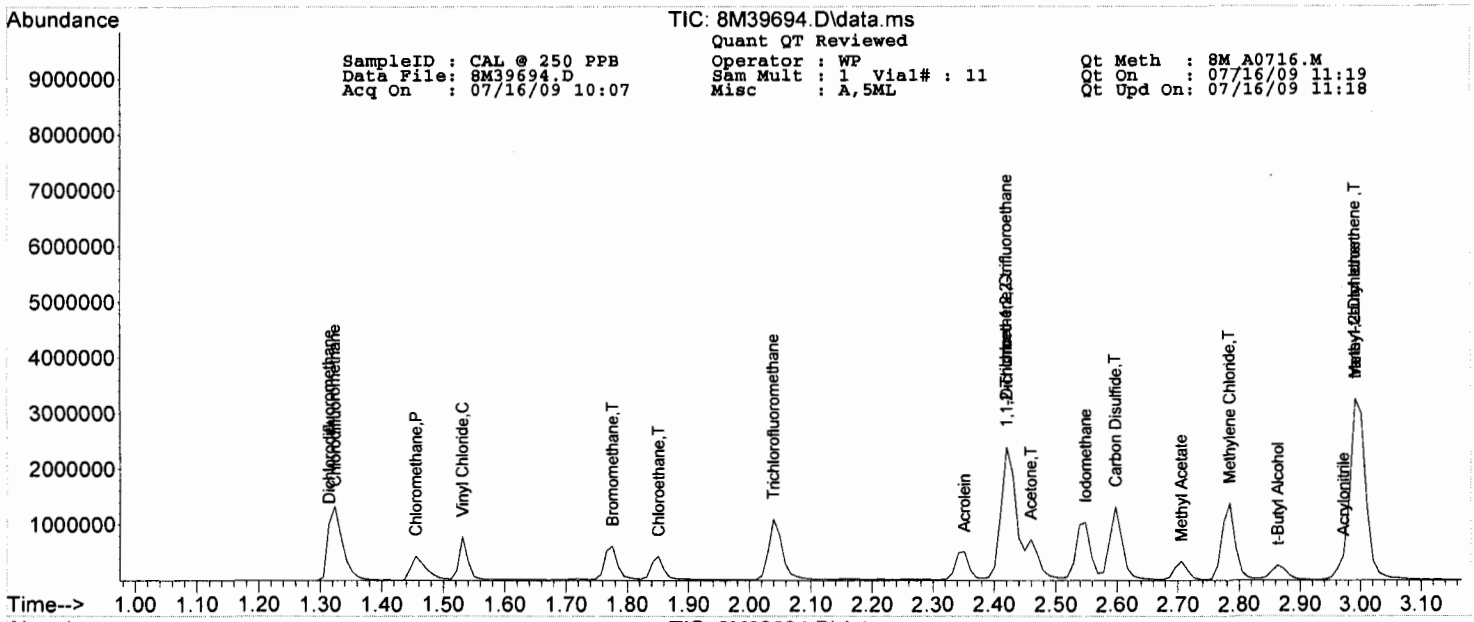
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39694.D Sam Mult : 1 Vial# : 11 Qt On : 07/16/09 11:19
Acq On : 07/16/09 10:07 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.412	106	558120	221.83 ug/l	84
68) trans-1,4-Dichloro-2-b...	6.778	53	155120	230.69 ug/l	40
69) 1,3-Dichlorobenzene	7.289	146	752338	242.12 ug/l	98
70) 1,4-Dichlorobenzene	7.337	146	804267	228.85 ug/l	97
71) 1,2-Dichlorobenzene	7.547	146	765220	239.02 ug/l	96
72) Isopropylbenzene	6.604	105	1300907	226.06 ug/l	98
73) Cyclohexanone	6.664	55	75424	1106.53 ug/l	93
74) 1,2,3-Trichloropropane	6.784	75	553724	222.78 ug/l	90
75) 2-Chlorotoluene	6.880	91	1094487	233.43 ug/l	96
76) p-Ethyltoluene	6.880	105	1184933	217.07 ug/l	98
77) 4-Chlorotoluene	6.934	91	1086277	217.00 ug/l	96
78) n-Propylbenzene	6.820	91	1482154	237.43 ug/l	95
79) Bromobenzene	6.784	77	888454	198.66 ug/l	96
80) 1,3,5-Trimethylbenzene	6.904	105	1021878	221.41 ug/l	96
81) t-Butylbenzene	7.091	119	967878	238.59 ug/l	88
82) 1,2,4-Trimethylbenzene	7.115	105	1086349	222.77 ug/l	89
83) sec-Butylbenzene	7.211	105	1116221	236.35 ug/l	99
84) 4-Isopropyltoluene	7.283	119	911374	235.57 ug/l	94
85) n-Butylbenzene	7.511	91	1059063	224.44 ug/l	96
86) p-Diethylbenzene	7.493	119	553742	216.61 ug/l	97
87) 1,2,4,5-Tetramethylben...	7.938	119	954393	259.34 ug/l	94
88) 1,2-Dibromo-3-Chloropr...	7.986	157	120099	231.82 ug/l	89
89) Hexachlorobutadiene	8.550	225	356503	175.00 ug/l	96
90) 1,2,4-Trichlorobenzene	8.466	180	521082	250.83 ug/l	98
91) 1,2,3-Trichlorobenzene	8.754	180	512285	234.40 ug/l	97
92) Naphthalene	8.616	128	1082236	232.67 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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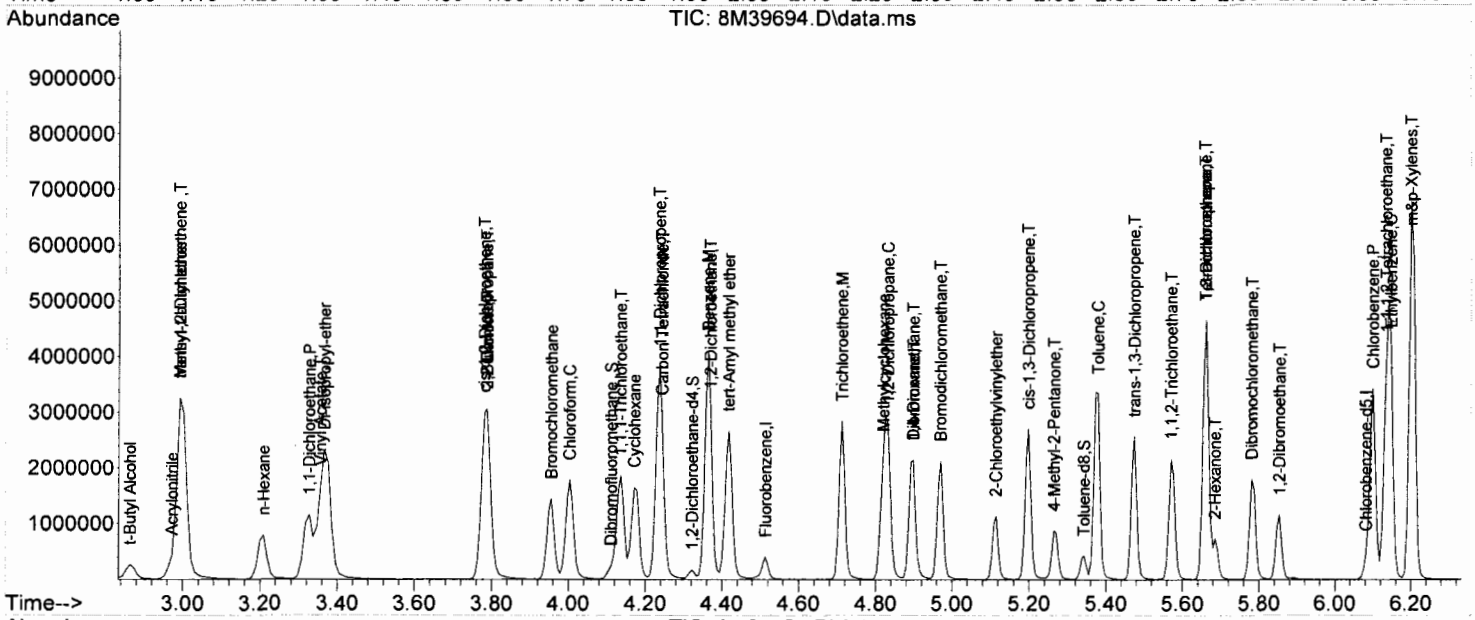
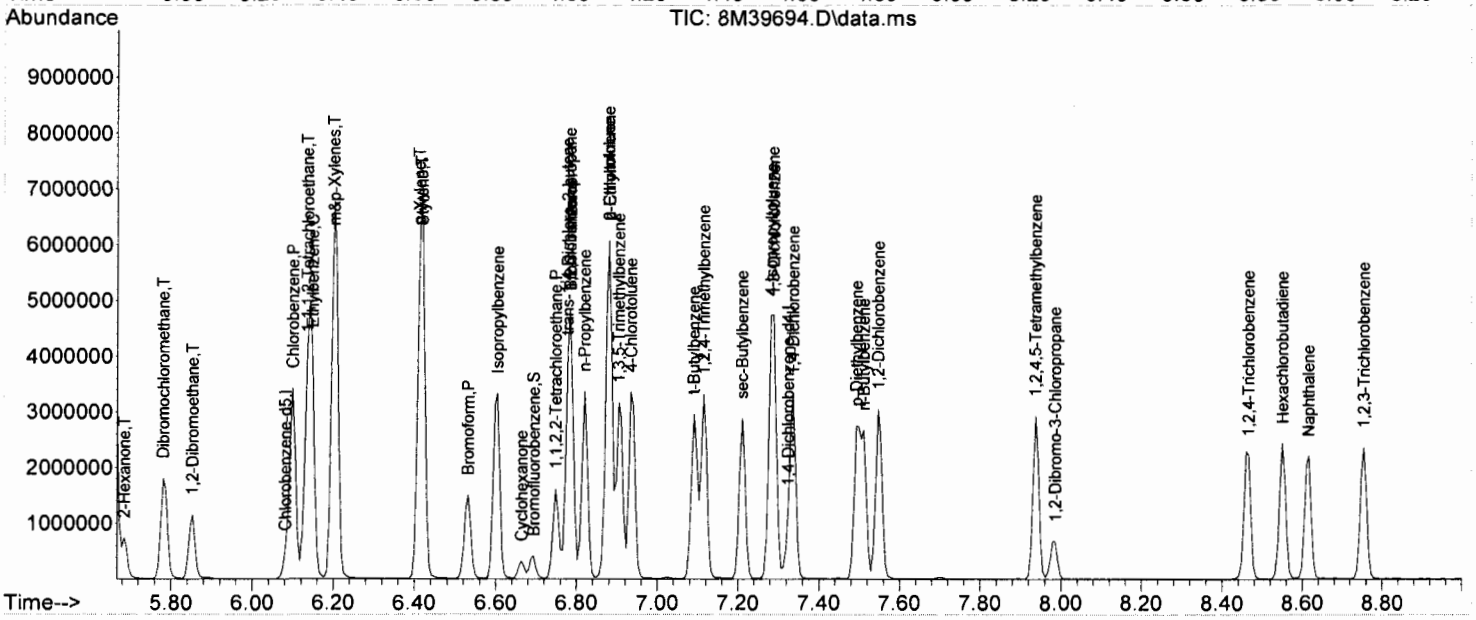
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 8M39694.D
Acq On : 07/16/09 10:07
Operator : WP
Sam Mult : 1 Vial# : 11
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:19
Qt Upd On: 07/16/09 11:18
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39694.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Time-->


Abundance
TIC: 8M39694.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39693.D Sam Mult : 1 Vial# : 10 Qt On : 07/16/09 11:18
Acq On : 07/16/09 09:50 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.513	96	170150	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.087	117	120771	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	65931	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	61450	32.97	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.90%			
32) 1,2-Dichloroethane-d4	4.321	102	10377	30.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.50%			
56) Toluene-d8	5.342	100	93053	28.19	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.97%			
64) Bromofluorobenzene	6.694	174	74087	31.13	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.77%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.323	51	1572500	502.66	ug/l	88
3) Dichlorodifluoromethane	1.314	85	1016378	520.01	ug/l	95
4) Chloromethane	1.455	50	872692	426.52	ug/l	97
5) Bromomethane	1.757	94	421933	331.77	ug/l	97
6) Vinyl Chloride	1.531	62	849211	485.76	ug/l	100
7) Chloroethane	1.842	64	466661	437.79	ug/l	93
8) Trichlorofluoromethane	2.039	101	1429889	542.45	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.420	101	643988	509.48	ug/l	88
10) Methylene Chloride	2.784	84	843018	407.24	ug/l	95
11) Acrolein	2.341	56	594569	2788.61	ug/l	94
12) Acrylonitrile	2.971	53	254682	353.73	ug/l	94
13) Iodomethane	2.538	142	1812903	714.69	ug/l	78
14) Acetone	2.460	43	1149136	2237.84	ug/l	100
15) Carbon Disulfide	2.597	76	2480924	616.61	ug/l	100
16) t-Butyl Alcohol	2.863	59	415652	1965.23	ug/l	91
17) n-Hexane	3.208	57	541791	608.92	ug/l	85
18) Di-isopropyl-ether	3.365	45	2795193	430.70	ug/l	100
19) 1,1-Dichloroethene	2.420	61	1298870	454.97	ug/l	97
20) Methyl Acetate	2.706	43	582078	396.38	ug/l	100
21) Methyl-t-butyl ether	3.001	73	2513960	457.91	ug/l	93
22) 1,1-Dichloroethane	3.326	63	1615329	457.05	ug/l	100
23) trans-1,2-Dichloroethene	2.991	96	831988	453.45	ug/l	89
24) cis-1,2-Dichloroethene	3.780	61	1438666	460.55	ug/l	97
25) Bromochloromethane	3.954	49	676488	395.89	ug/l	82
26) 2,2-Dichloropropane	3.786	77	1212829	510.22	ug/l	96
27) 1,4-Dioxane	4.897	88	390584	20403.50	ug/l	89
28) 1,1-Dichloropropene	4.237	75	1063673	460.00	ug/l	95
29) Chloroform	4.002	83	1590840	464.36	ug/l	98
31) Cyclohexane	4.171	56	904278	496.20	ug/l	95
33) 1,2-Dichloroethane	4.369	62	1258837	403.16	ug/l	99
34) 2-Butanone	3.786	43	337340	358.75	ug/l	100
35) 1,1,1-Trichloroethane	4.135	97	1395247	512.41	ug/l	96
36) Carbon Tetrachloride	4.243	117	1200351	547.26	ug/l	91
37) Vinyl Acetate	3.355	43	3093646	495.63	ug/l	100
38) Bromodichloromethane	4.970	83	1318717	516.62	ug/l	97
39) Methylcyclohexane	4.819	83	666233	466.82	ug/l	93
40) Dibromomethane	4.897	174	801584	493.37	ug/l	95
41) 1,2-Dichloropropane	4.831	63	785057	425.23	ug/l	99
42) Trichloroethene	4.711	130	908144	515.31	ug/l	93
43) Benzene	4.363	78	2585309	433.11	ug/l	100
44) tert-Amyl methyl ether	4.417	73	2131656	471.36	ug/l	81
46) Dibromochloromethane	5.787	129	1035166	549.91	ug/l	100
47) 2-Chloroethylvinylether	5.114	63	473926	467.76	ug/l	95
48) cis-1,3-Dichloropropene	5.198	75	1371910	470.93	ug/l	98
49) trans-1,3-Dichloropropene	5.474	75	1272876	472.43	ug/l	94
50) 1,1,2-Trichloroethane	5.576	97	684417	449.48	ug/l	98
51) 1,2-Dibromoethane	5.853	107	806155	490.88	ug/l	94
52) 1,3-Dichloropropane	5.660	76	1017372	414.33	ug/l	96
53) 4-Methyl-2-Pentanone	5.270	43	626603	374.76	ug/l	93
54) 2-Hexanone	5.684	43	444667	378.24	ug/l	91
55) Tetrachloroethene	5.660	164	630141	411.52	ug/l	98
57) Toluene	5.378	92	1495652	431.48	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.135	133	748476	470.22	ug/l	98
59) Chlorobenzene	6.099	112	1776672	437.13	ug/l	98
61) Bromoform	6.531	173	853850	603.85	ug/l	95
62) Ethylbenzene	6.147	106	804608	397.18	ug/l	96
63) 1,1,2,2-Tetrachloroethane	6.748	83	807778	446.96	ug/l	87
65) Styrene	6.423	104	1672768	402.31	ug/l	98
66) m&p-Xylenes	6.207	106	1696751	736.25	ug/l	97

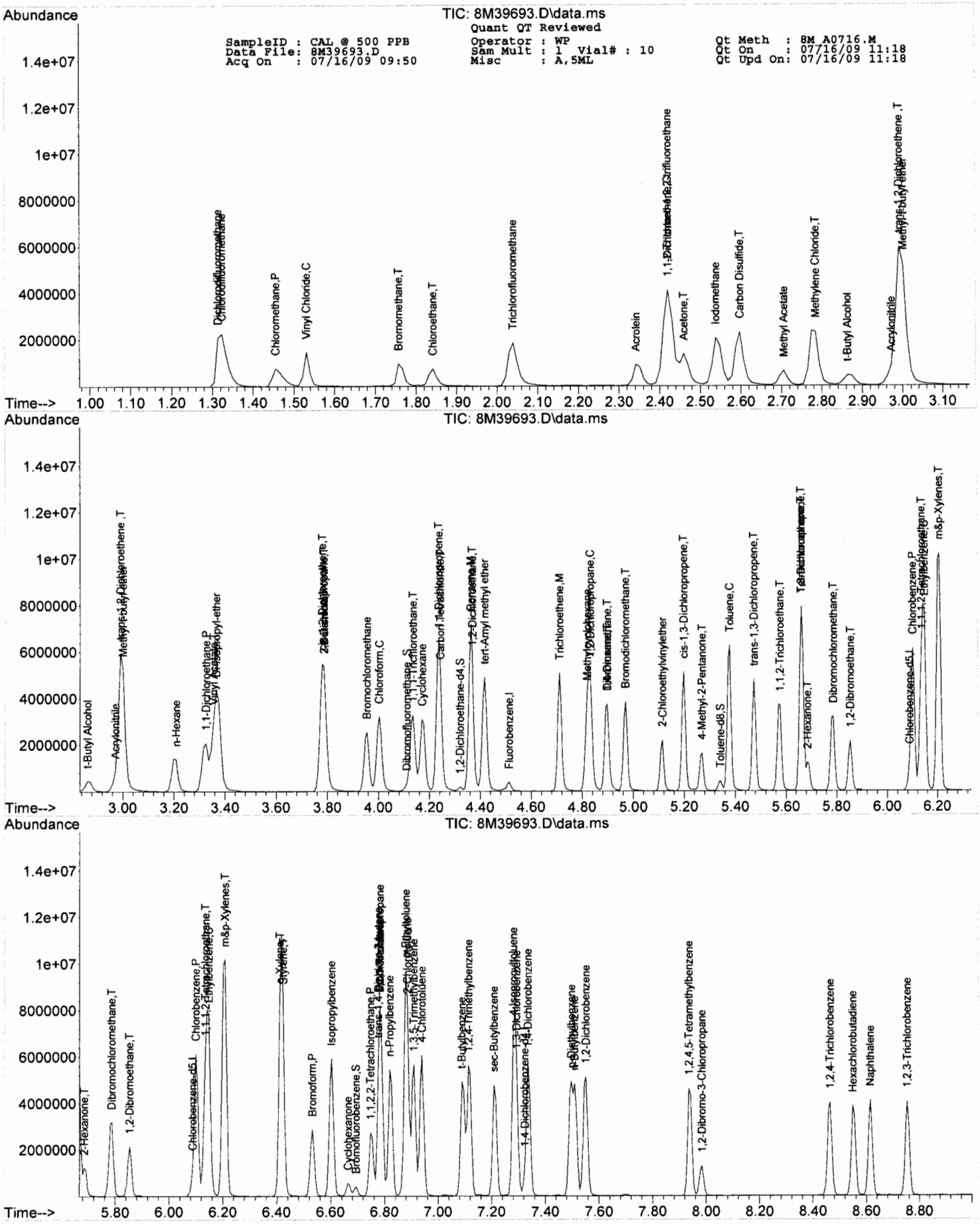
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39693.D Sam Mult : 1 Vial# : 10 Qt On : 07/16/09 11:18
Acq On : 07/16/09 09:50 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.411	106	912940	399.30	ug/l	83
68) trans-1,4-Dichloro-2-b...	6.778	53	266141	435.55	ug/l	42
69) 1,3-Dichlorobenzene	7.294	146	1234959	437.34	ug/l	97
70) 1,4-Dichlorobenzene	7.336	146	1426629	446.70	ug/l	97
71) 1,2-Dichlorobenzene	7.553	146	1361250	467.88	ug/l	97
72) Isopropylbenzene	6.603	105	2251277	430.50	ug/l	97
73) Cyclohexanone	6.664	55	126862	2048.05	ug/l	93
74) 1,2,3-Trichloropropane	6.784	75	969590	429.26	ug/l	90
75) 2-Chlorotoluene	6.886	91	1616829	379.46	ug/l	94
76) p-Ethyltoluene	6.880	105	1964166	395.95	ug/l	99
77) 4-Chlorotoluene	6.940	91	1967482	432.50	ug/l	96
78) n-Propylbenzene	6.820	91	2588072	456.22	ug/l	95
79) Bromobenzene	6.784	77	1526833	375.69	ug/l	100
80) 1,3,5-Trimethylbenzene	6.910	105	1922042	458.26	ug/l	95
81) t-Butylbenzene	7.090	119	1712090	464.42	ug/l	88
82) 1,2,4-Trimethylbenzene	7.114	105	1917579	432.71	ug/l	91
83) sec-Butylbenzene	7.210	105	1943219	452.78	ug/l	99
84) 4-Isopropyltoluene	7.282	119	1552936	441.71	ug/l	93
85) n-Butylbenzene	7.511	91	1887376	440.14	ug/l	96
86) p-Diethylbenzene	7.498	119	975702	419.99	ug/l	98
87) 1,2,4,5-Tetramethylben...	7.937	119	1636451	489.33	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	7.985	157	226869	481.88	ug/l	94
89) Hexachlorobutadiene	8.550	225	609703	329.34	ug/l	99
90) 1,2,4-Trichlorobenzene	8.466	180	896814	475.04	ug/l	98
91) 1,2,3-Trichlorobenzene	8.754	180	850405	428.18	ug/l	96
92) Naphthalene	8.616	128	1907369	451.23	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 8M39693.D
Acq On : 07/16/09 09:50
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:18
Qt Upd On: 07/16/09 11:18
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39690.D Sam Mult : 1 Vial# : 7 Qt On : 07/16/09 11:25
Acq On : 07/16/09 08:57 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.512	96	156393	30.00	ug/l		0.00
45) Chlorobenzene-d5	6.080	117	109329	30.00	ug/l		0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	61400	30.00	ug/l		0.00
System Monitoring Compounds							
30) Dibromofluoromethane	4.104	111	55081	32.15	ug/l		0.00
Spiked Amount 30.000			Recovery = 107.17%				
32) 1,2-Dichloroethane-d4	4.320	102	9988	32.20	ug/l		0.00
Spiked Amount 30.000			Recovery = 107.33%				
56) Toluene-d8	5.341	100	88798	29.71	ug/l		0.00
Spiked Amount 30.000			Recovery = 99.03%				
64) Bromofluorobenzene	6.693	174	66617	30.06	ug/l		0.00
Spiked Amount 30.000			Recovery = 100.20%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.325	51	3677	1.28	ug/l		58
3) Dichlorodifluoromethane	1.315	85	1458	0.81	ug/l		86
4) Chloromethane	1.457	50	2039	1.08	ug/l		85
5) Bromomethane	1.777	94	1946	1.66	ug/l		66
6) Vinyl Chloride	1.532	62	2259	1.41	ug/l		77
7) Chloroethane	1.853	64	1075	1.10	ug/l		62
8) Trichlorofluoromethane	2.041	101	2764	1.14	ug/l		83
9) 1,1,2-Trichloro-1,2,2-...	2.419	101	1476	1.27	ug/l	#	47
10) Methylene Chloride	2.783	84	2312	1.22	ug/l		96
11) Acrolein	2.340	56	1469	7.50	ug/l		84
12) Acrylonitrile	2.980	53	374m	0.57	ug/l		
13) Iodomethane	2.547	142	4175	1.79	ug/l		63
14) Acetone	2.458	43	3153	6.68	ug/l		91
15) Carbon Disulfide	2.596	76	5516	1.49	ug/l		100
16) t-Butyl Alcohol	2.872	59	2206	11.35	ug/l		63
17) n-Hexane	3.197	57	1617	1.98	ug/l		76
18) Di-isopropyl-ether	3.364	45	6593	1.11	ug/l		81
19) 1,1-Dichloroethene	2.419	61	2720	1.04	ug/l		73
20) Methyl Acetate	2.704	43	1454	1.08	ug/l		100
21) Methyl-t-butyl ether	2.990	73	5262	1.04	ug/l		70
22) 1,1-Dichloroethane	3.325	63	3537	1.09	ug/l		71
23) trans-1,2-Dichloroethene	3.000	96	2561	1.52	ug/l		50
24) cis-1,2-Dichloroethene	3.779	61	3685	1.28	ug/l		77
25) Bromochloromethane	3.948	49	1398	0.89	ug/l		72
26) 2,2-Dichloropropane	3.791	77	3319	1.52	ug/l		55
27) 1,4-Dioxane	4.897	88	1010	57.40	ug/l		55
28) 1,1-Dichloropropene	4.230	75	2489	1.17	ug/l		71
29) Chloroform	3.996	83	3770	1.20	ug/l		57
31) Cyclohexane	4.176	56	2210	1.32	ug/l	#	64
33) 1,2-Dichloroethane	4.362	62	4102	1.43	ug/l		60
34) 2-Butanone	3.779	43	935	1.08	ug/l		49
35) 1,1,1-Trichloroethane	4.134	97	3148	1.26	ug/l		74
36) Carbon Tetrachloride	4.236	117	2358	1.17	ug/l		88
37) Vinyl Acetate	3.364	43	6452	1.12	ug/l		100
38) Bromodichloromethane	4.969	83	2668	1.14	ug/l		78
39) Methylcyclohexane	4.813	83	1726	1.32	ug/l	#	55
40) Dibromomethane	4.891	174	1342	0.90	ug/l		76
41) 1,2-Dichloropropane	4.825	63	1969	1.16	ug/l		68
42) Trichloroethene	4.710	130	1737	1.07	ug/l		84
43) Benzene	4.356	78	6627	1.21	ug/l		100
44) tert-Amyl methyl ether	4.416	73	5365	1.29	ug/l		62
46) Dibromochloromethane	5.780	129	2156	1.27	ug/l		58
47) 2-Chloroethylvinylether	5.107	63	363	0.40	ug/l	#	1
48) cis-1,3-Dichloropropene	5.191	75	2394	0.91	ug/l		55
49) trans-1,3-Dichloropropene	5.473	75	2742	1.12	ug/l		98
50) 1,1,2-Trichloroethane	5.575	97	1481	1.07	ug/l		88
51) 1,2-Dibromoethane	5.852	107	1791	1.20	ug/l		61
52) 1,3-Dichloropropane	5.660	76	3041	1.37	ug/l		92
53) 4-Methyl-2-Pentanone	5.263	43	1334	0.88	ug/l		99
54) 2-Hexanone	5.684	43	1329	1.25	ug/l		65
55) Tetrachloroethene	5.660	164	1535	1.11	ug/l		83
57) Toluene	5.377	92	2811	0.90	ug/l		75
58) 1,1,1,2-Tetrachloroethane	6.134	133	1847	1.28	ug/l		83
59) Chlorobenzene	6.092	112	4536	1.23	ug/l		97
61) Bromoform	6.531	173	1167	0.89	ug/l		56
62) Ethylbenzene	6.146	106	1925	1.02	ug/l		47
63) 1,1,2,2-Tetrachloroethane	6.747	83	1373	0.82	ug/l	#	4
65) Styrene	6.416	104	3618	0.93	ug/l		94
66) m&p-Xylenes	6.200	106	3573	1.66	ug/l		53

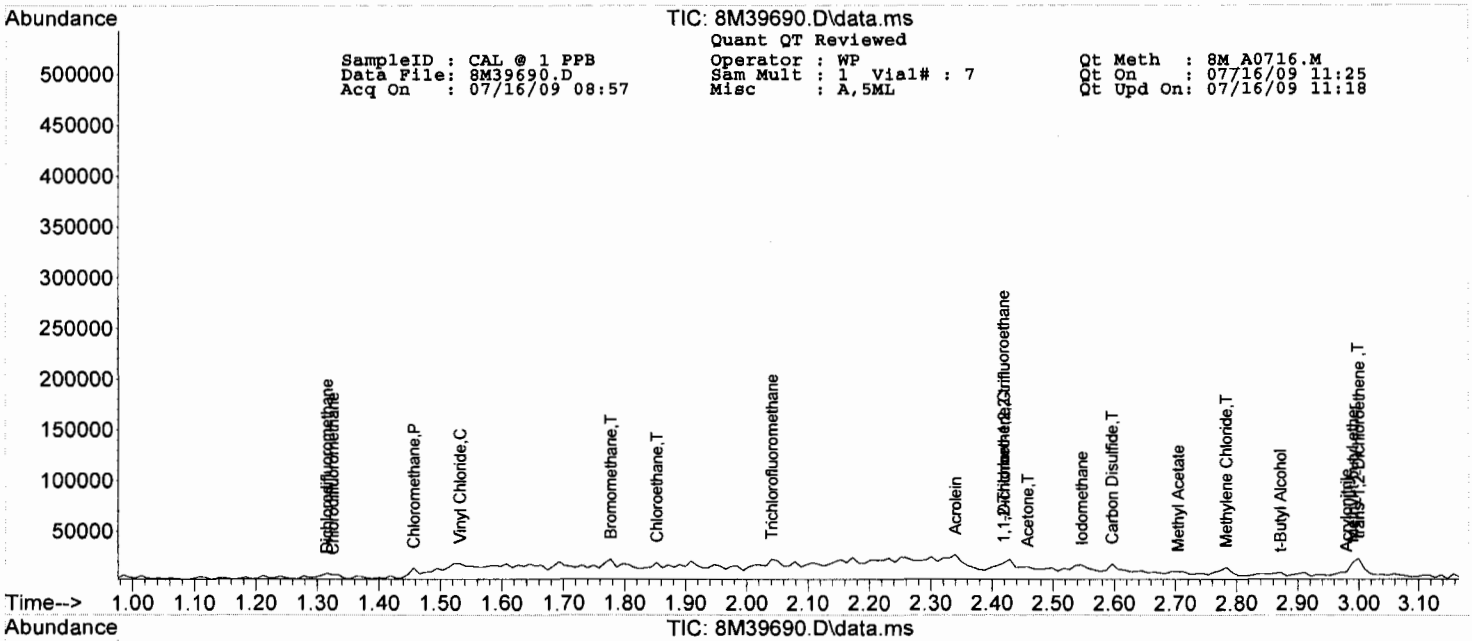
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39690.D Sam Mult : 1 Vial# : 7 Qt On : 07/16/09 11:25
Acq On : 07/16/09 08:57 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.410	106	2358	1.11 ug/l	93
68)	trans-1,4-Dichloro-2-b...	6.777	53	736	1.29 ug/l	36
69)	1,3-Dichlorobenzene	7.287	146	2867	1.09 ug/l	93
70)	1,4-Dichlorobenzene	7.341	146	3855m	1.30 ug/l	
71)	1,2-Dichlorobenzene	7.546	146	3270	1.21 ug/l	85
72)	Isopropylbenzene	6.603	105	5816	1.19 ug/l	92
73)	Cyclohexanone	6.663	55	287	4.98 ug/l #	19
74)	1,2,3-Trichloropropane	6.783	75	2551	1.21 ug/l #	62
75)	2-Chlorotoluene	6.879	91	4551	1.15 ug/l	81
76)	p-Ethyltoluene	6.879	105	4900	1.06 ug/l	97
77)	4-Chlorotoluene	6.939	91	4411	1.04 ug/l	96
78)	n-Propylbenzene	6.819	91	5116	0.97 ug/l	90
79)	Bromobenzene	6.783	77	4737	1.25 ug/l	98
80)	1,3,5-Trimethylbenzene	6.909	105	5108	1.31 ug/l	95
81)	t-Butylbenzene	7.089	119	3041	0.89 ug/l #	52
82)	1,2,4-Trimethylbenzene	7.113	105	5176	1.25 ug/l #	81
83)	sec-Butylbenzene	7.209	105	4121	1.03 ug/l	93
84)	4-Isopropyltoluene	7.281	119	3530	1.08 ug/l	87
85)	n-Butylbenzene	7.510	91	4519	1.13 ug/l	88
86)	p-Diethylbenzene	7.492	119	2272	1.05 ug/l	91
87)	1,2,4,5-Tetramethylben...	7.942	119	3772	1.21 ug/l	73
88)	1,2-Dibromo-3-Chloropr...	7.984	157	401	0.91 ug/l	50
89)	Hexachlorobutadiene	8.555	225	1423	0.83 ug/l	84
90)	1,2,4-Trichlorobenzene	8.465	180	1514	0.86 ug/l #	62
91)	1,2,3-Trichlorobenzene	8.747	180	2255	1.22 ug/l	86
92)	Naphthalene	8.615	128	4191	1.06 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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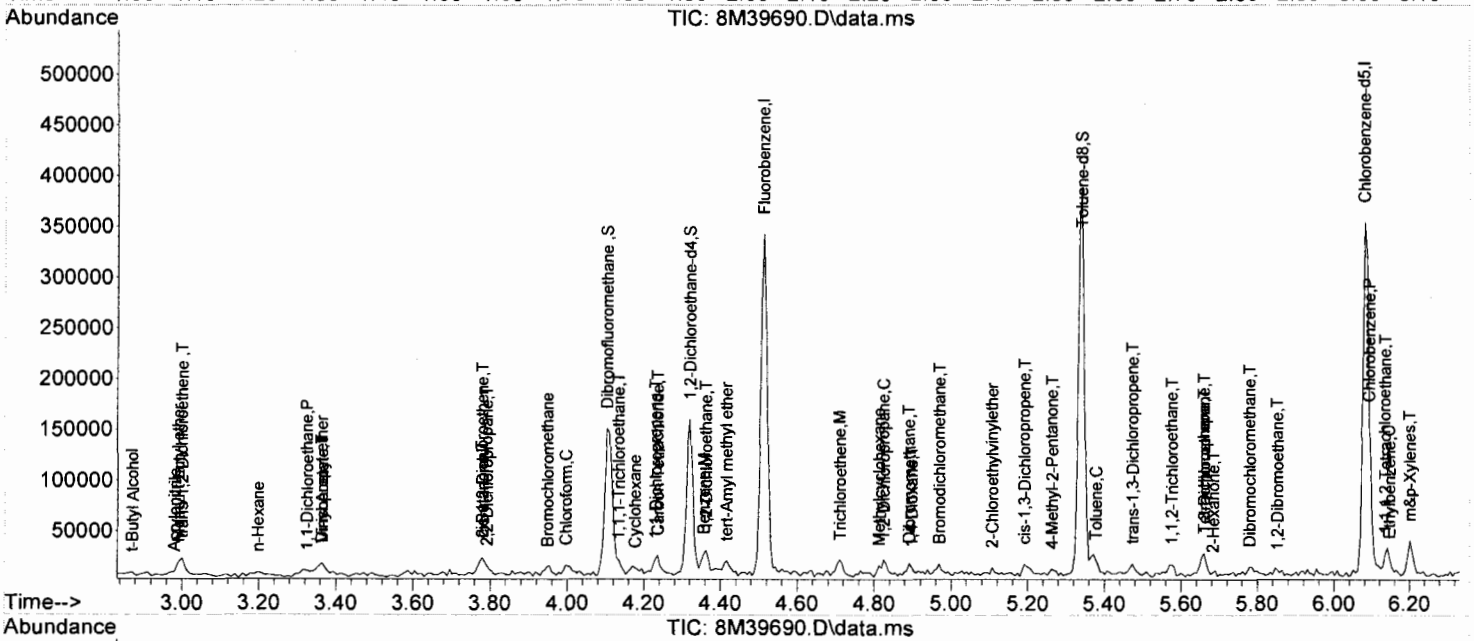
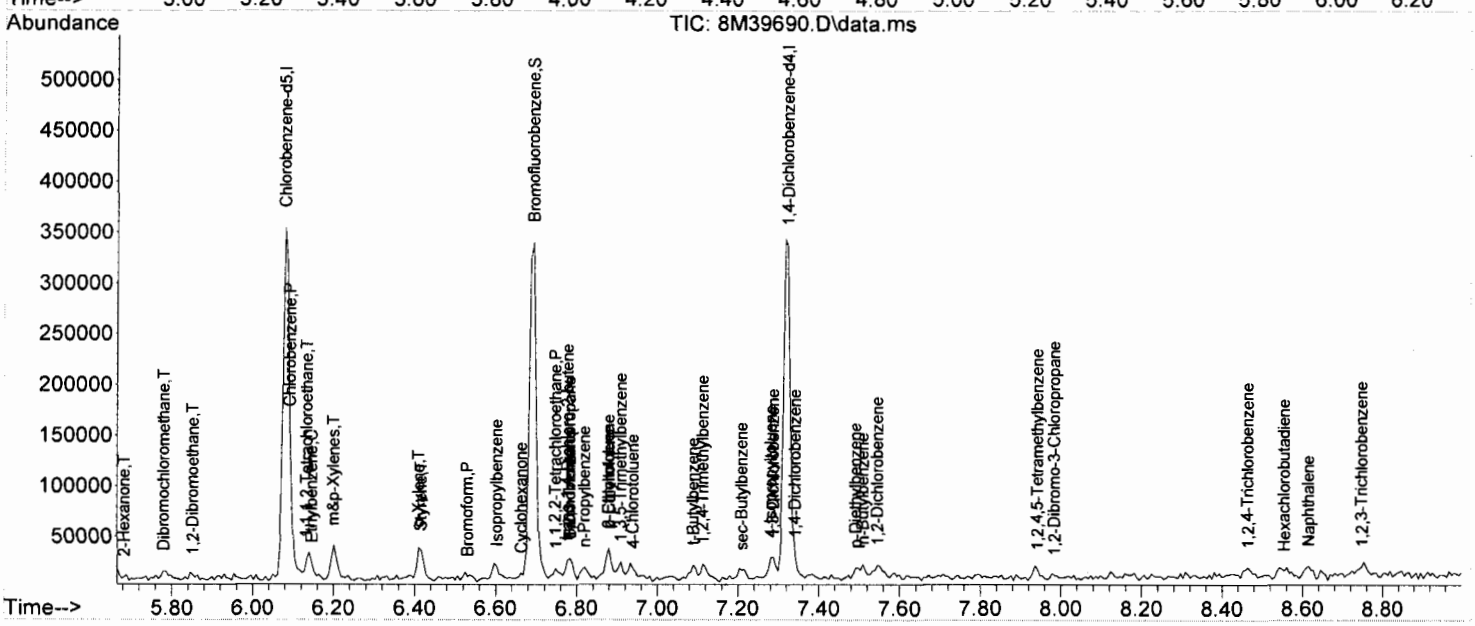
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 8M39690.D
Acq On : 07/16/09 08:57
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:25
Qt Upd On: 07/16/09 11:18
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 8M39690.D\data.ms
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane ,S
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Time-->


Abundance
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2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB
Data File: 8M39691.D
Acq On : 07/16/09 09:16

Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:30
Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.512	96	146909	30.00 ug/l	0.00
45) Chlorobenzene-d5	6.080	117	103669	30.00 ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	56224	30.00 ug/l	0.00
System Monitoring Compounds					
30) Dibromofluoromethane	4.104	111	48370	30.05 ug/l	0.00
Spiked Amount 30.000			Recovery = 100.17%		
32) 1,2-Dichloroethane-d4	4.320	102	7851	26.94 ug/l	0.00
Spiked Amount 30.000			Recovery = 89.80%		
56) Toluene-d8	5.341	100	82487	29.11 ug/l	0.00
Spiked Amount 30.000			Recovery = 97.03%		
64) Bromofluorobenzene	6.693	174	62392	30.74 ug/l	0.00
Spiked Amount 30.000			Recovery = 102.47%		
Target Compounds					Qvalue
2) Chlorodifluoromethane	0.000		0	N.D. d	
3) Dichlorodifluoromethane	0.000		0	N.D. d	
4) Chloromethane	0.000		0	N.D. d	
5) Bromomethane	0.000		0	N.D. d	
6) Vinyl Chloride	0.000		0	N.D. d	
7) Chloroethane	0.000		0	N.D. d	
8) Trichlorofluoromethane	0.000		0	N.D. d	
9) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d	
10) Methylene Chloride	0.000		0	N.D. d	
11) Acrolein	0.000		0	N.D. d	
12) Acrylonitrile	0.000		0	N.D. d	
13) Iodomethane	0.000		0	N.D. d	
14) Acetone	0.000		0	N.D. d	
15) Carbon Disulfide	0.000		0	N.D. d	
16) t-Butyl Alcohol	0.000		0	N.D. d	
17) n-Hexane	0.000		0	N.D. d	
18) Di-isopropyl-ether	0.000		0	N.D. d	
19) 1,1-Dichloroethene	0.000		0	N.D. d	
20) Methyl Acetate	0.000		0	N.D. d	
21) Methyl-t-butyl ether	2.989	73	3177	0.67 ug/l	91
22) 1,1-Dichloroethane	0.000		0	N.D. d	
23) trans-1,2-Dichloroethene	0.000		0	N.D. d	
24) cis-1,2-Dichloroethene	0.000		0	N.D. d	
25) Bromochloromethane	0.000		0	N.D. d	
26) 2,2-Dichloropropane	0.000		0	N.D. d	
27) 1,4-Dioxane	0.000		0	N.D. d	
28) 1,1-Dichloropropene	0.000		0	N.D. d	
29) Chloroform	0.000		0	N.D. d	
31) Cyclohexane	0.000		0	N.D. d	
33) 1,2-Dichloroethane	4.368	62	1649	0.61 ug/l	54
34) 2-Butanone	0.000		0	N.D. d	
35) 1,1,1-Trichloroethane	0.000		0	N.D. d	
36) Carbon Tetrachloride	0.000		0	N.D. d	
37) Vinyl Acetate	0.000		0	N.D. d	
38) Bromodichloromethane	0.000		0	N.D. d	
39) Methylcyclohexane	0.000		0	N.D. d	
40) Dibromomethane	0.000		0	N.D. d	
41) 1,2-Dichloropropane	0.000		0	N.D. d	
42) Trichloroethene	0.000		0	N.D. d	
43) Benzene	4.350	78	4139	0.80 ug/l	100
44) tert-Amyl methyl ether	0.000		0	N.D. d	
46) Dibromochloromethane	0.000		0	N.D. d	
47) 2-Chloroethylvinylether	0.000		0	N.D. d	
48) cis-1,3-Dichloropropene	0.000		0	N.D. d	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D. d	
51) 1,2-Dibromoethane	0.000		0	N.D. d	
52) 1,3-Dichloropropane	0.000		0	N.D. d	
53) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
54) 2-Hexanone	0.000		0	N.D. d	
55) Tetrachloroethene	0.000		0	N.D. d	
57) Toluene	0.000		0	N.D. d	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
59) Chlorobenzene	0.000		0	N.D. d	
61) Bromoform	0.000		0	N.D. d	
62) Ethylbenzene	0.000		0	N.D. d	
63) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
65) Styrene	0.000		0	N.D. d	
66) m&p-Xylenes	6.212	106	2796m	1.42 ug/l	

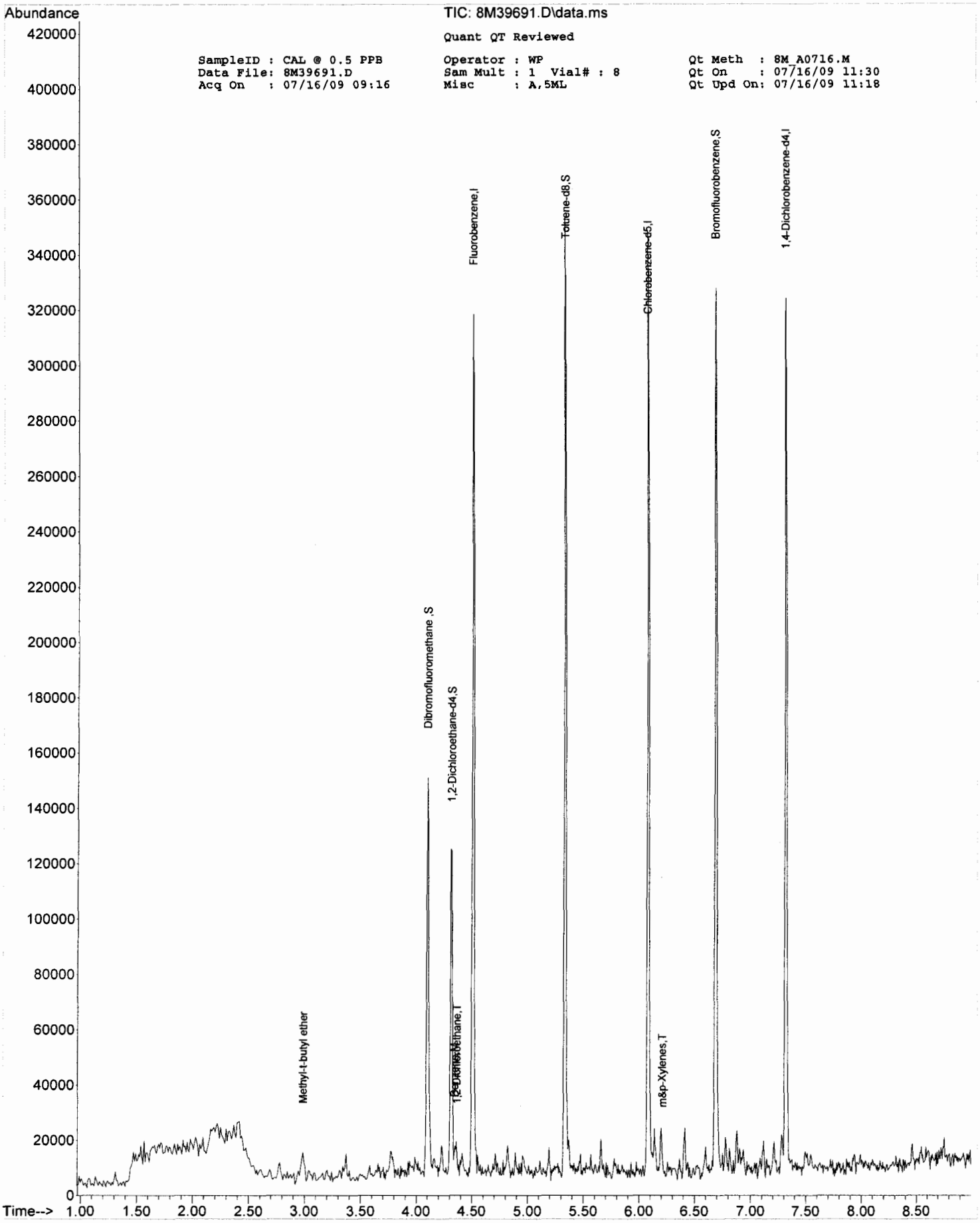
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39691.D Sam Mult : 1 Vial# : 8 Qt On : 07/16/09 11:30
Acq On : 07/16/09 09:16 Misc : A,5ML Qt Upd On: 07/16/09 11:18

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	0.000		0	N.D. d	
68) trans-1,4-Dichloro-2-b...	0.000		0	N.D. d	
69) 1,3-Dichlorobenzene	0.000		0	N.D. d	
70) 1,4-Dichlorobenzene	0.000		0	N.D. d	
71) 1,2-Dichlorobenzene	0.000		0	N.D. d	
72) Isopropylbenzene	0.000		0	N.D. d	
73) Cyclohexanone	0.000		0	N.D. d	
74) 1,2,3-Trichloropropane	0.000		0	N.D. d	
75) 2-Chlorotoluene	0.000		0	N.D. d	
76) p-Ethyltoluene	0.000		0	N.D. d	
77) 4-Chlorotoluene	0.000		0	N.D. d	
78) n-Propylbenzene	0.000		0	N.D. d	
79) Bromobenzene	0.000		0	N.D. d	
80) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
81) t-Butylbenzene	0.000		0	N.D. d	
82) 1,2,4-Trimethylbenzene	0.000		0	N.D. d	
83) sec-Butylbenzene	0.000		0	N.D. d	
84) 4-Isopropyltoluene	0.000		0	N.D. d	
85) n-Butylbenzene	0.000		0	N.D. d	
86) p-Diethylbenzene	0.000		0	N.D. d	
87) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
88) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D. d	
89) Hexachlorobutadiene	0.000		0	N.D. d	
90) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
91) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	
92) Naphthalene	0.000		0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39691.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 8M39691.D
Acq On : 07/16/09 09:16
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 11:30
Qt Upd On: 07/16/09 11:18
Methyl-t-butyl ether
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M47034.D **Instrument:** GCMS 1

Cont Calibration Date/Time 7/16/2009 7:01:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.61	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.38	60.05				0.937			
Dichlorodifluoromethane	1	0		1.36	54.00	50			0.455	0.491	8.00	
Chloromethane	1	0	CP	1.49	46.67	50	0.1		0.411	0.384	6.66	
Bromomethane	1	0		1.81	53.19	50			0.171	0.182	6.38	
Vinyl Chloride	1	0	CC	1.58	45.20	50	20		0.354	0.320	9.60	
Chloroethane	1	0		1.88	52.47	50			0.204	0.214	4.94	
Trichlorofluoromethane	1	0		2.08	51.06	50			0.730	0.746	2.12	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.46	70.67	50			0.347	0.491	41.34	
Methylene Chloride	1	0		2.80	46.49	50			0.369	0.343	7.02	
Acrolein	1	0		2.37	239.30	250			0.036	0.035	4.28	
Acrylonitrile	1	0		2.98	41.96	50			0.081	0.068	16.08	
Iodomethane	1	0		2.58	47.21	50			0.591	0.558	5.58	
Acetone	1	0		2.48	266.69	250			0.066	0.059	6.68	
Carbon Disulfide	1	0		2.63	49.55	50			1.252	1.240	0.90	
t-Butyl Alcohol	1	0		2.87	234.94	250			0.011	0.010	6.02	
n-Hexane	1	0		3.25	53.07	50			0.484	0.514	6.14	
Di-isopropyl-ether	1	0		3.40	46.34	50			1.166	1.081	7.32	
1.1-Dichloroethene	1	0	CC	2.46	49.63	50	20		0.729	0.724	0.74	
Methyl Acetate	1	0		2.72	44.19	50			0.162	0.143	11.62	
Methyl-t-butyl ether	1	0		3.03	45.41	50			0.563	0.511	9.18	
1.1-Dichloroethane	1	0	CP	3.35	48.36	50	0.1		0.743	0.719	3.28	
trans-1.2-Dichloroethene	1	0		3.03	50.01	50			0.369	0.369	0.02	
cis-1.2-Dichloroethene	1	0		3.82	48.54	50			0.683	0.663	2.92	
Bromochloromethane	1	0		3.99	46.33	50			0.296	0.274	7.34	
2.2-Dichloropropane	1	0		3.83	51.64	50			0.516	0.533	3.28	
1.4-Dioxane	1	0		5.04	2221.18	2500			0.002	0.002	11.15	
1.1-Dichloropropene	1	0		4.30	51.47	50			0.570	0.587	2.94	
Chloroform	1	0	CC	4.04	47.21	50	20		0.693	0.654	5.58	
Dibromofluoromethane	1	0	S	4.15	30.47	75			0.287	0.292	1.57	
Cyclohexane	1	0		4.24	51.06	50			0.666	0.680	2.12	
1.2-Dichloroethane-d4	1	0	S	4.38	30.13	75			0.050	0.051	0.43	
1.2-Dichloroethane	1	0		4.43	48.29	50			0.520	0.502	3.42	
2-Butanone	1	0		3.82	45.17	50			0.101	0.091	9.66	
1.1.1-Trichloroethane	1	0		4.19	48.14	50			0.588	0.566	3.72	
Carbon Tetrachloride	1	0		4.31	50.80	50			0.504	0.512	1.60	
Vinyl Acetate	1	0		3.40	46.84	50			1.036	0.971	6.32	
Bromodichloromethane	1	0		5.12	48.25	50			0.541	0.522	3.50	
Methylcyclohexane	1	0		4.96	51.47	50			0.636	0.654	2.94	
Dibromomethane	1	0		5.04	48.48	50			0.195	0.189	3.04	
1.2-Dichloropropane	1	0	CC	4.96	45.61	50	20		0.365	0.333	8.78	
Trichloroethene	1	0		4.83	48.39	50			0.395	0.383	3.22	
Benzene	1	0		4.44	47.35	50			1.347	1.276	5.30	
tert-Amyl methyl ether	1	0		4.50	44.60	50			0.501	0.446	10.80	
Chlorobenzene-d5	1	0	I	6.44	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.08	48.76	50			0.459	0.448	2.48	
2-Chloroethylvinylether	1	0		5.29	45.91	50			0.186	0.171	8.18	
cis-1.3-Dichloropropene	1	0		5.39	48.95	50			0.758	0.743	2.10	
trans-1.3-Dichloropropene	1	0		5.72	50.19	50			0.636	0.638	0.38	
1.1.2-Trichloroethane	1	0		5.83	45.87	50			0.339	0.311	8.26	
1.2-Dibromoethane	1	0		6.16	45.29	50			0.351	0.318	9.42	
1.3-Dichloropropane	1	0		5.94	48.96	50			0.613	0.600	2.08	
4-Methyl-2-Pentanone	1	0		5.47	49.08	50			0.258	0.253	1.84	
2-Hexanone	1	0		5.97	48.17	50			0.173	0.167	3.66	
Tetrachloroethene	1	0		5.95	46.90	50			0.509	0.478	6.20	
Toluene-d8	1	0	S	5.57	30.70	75			0.898	0.919	2.33	
Toluene	1	0	CC	5.61	44.42	50	20		1.309	1.163	11.16	
1.1.1.2-Tetrachloroethane	1	0		6.50	48.24	50			0.455	0.439	3.52	
Chlorobenzene	1	0	CP	6.46	49.56	50	0.3		1.280	1.205	0.88	
1.4-Dichlorobenzene-d4	1	0	I	7.86	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.95	49.87	50	0.1		0.522	0.521	0.26	
Ethylbenzene	1	0	CC	6.51	51.97	50	20		1.017	1.057	3.94	
1.1.2.2-Tetrachloroethane	1	0	CP	7.20	48.96	50	0.3		0.705	0.690	2.08	
Bromofluorobenzene	1	0	S	7.14	29.60	75			0.810	0.799	1.33	
Styrene	1	0		6.82	50.41	50			2.490	2.511	0.82	
m&p-Xylenes	1	0		6.58	91.93	100			1.676	1.541	8.07	
o-Xylene	1	0		6.81	47.26	50			1.608	1.520	5.48	
trans-1.4-Dichloro-2-butene	1	0		7.23	47.17	50			0.271	0.256	5.66	
1.3-Dichlorobenzene	1	0		7.83	50.00	50			1.932	1.833	0.00	
1.4-Dichlorobenzene	1	0		7.88	49.70	50			1.921	1.803	0.60	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M47034.D **Instrument:** GCMS 1

Cont Calibration Date/Time 7/16/2009 7:01:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.12	46.97	50			1.661	1.560	6.06	
Isopropylbenzene	1	0		7.03	49.67	50			4.410	4.381	0.66	
Cyclohexanone	1	0		7.10	235.30				0.018			
1,2,3-Trichloropropane	1	0		7.24	49.69	50			0.926	0.921	0.62	
2-Chlorotoluene	1	0		7.36	50.20	50			2.624	2.635	0.40	
p-Ethyltoluene	1	0		7.35	62.08				4.816			
4-Chlorotoluene	1	0		7.41	42.64	50			2.741	2.338	14.72	
n-Propylbenzene	1	0		7.29	48.22	50			5.462	5.268	3.56	
Bromobenzene	1	0		7.25	47.94	50			2.300	2.205	4.12	
1,3,5-Trimethylbenzene	1	0		7.39	54.49	50			3.169	3.454	8.98	
t-Butylbenzene	1	0		7.59	48.89	50			3.552	3.473	2.22	
1,2,4-Trimethylbenzene	1	0		7.62	48.89	50			3.666	3.585	2.22	
sec-Butylbenzene	1	0		7.73	47.63	50			4.895	4.662	4.74	
4-Isopropyltoluene	1	0		7.81	49.82	50			3.699	3.685	0.36	
n-Butylbenzene	1	0		8.07	47.23	50			4.841	4.573	5.54	
p-Diethylbenzene	1	0		8.06	48.84				2.198			
1,2,4,5-Tetramethylbenzene	1	0		8.56	47.43				3.198			
1,2-Dibromo-3-Chloropropane	1	0		8.61	44.46	50			0.129	0.114	11.08	
Hexachlorobutadiene	1	0		9.26	43.49	50			1.103	0.960	13.02	
1,2,4-Trichlorobenzene	1	0		9.16	45.15	50			1.168	1.055	9.70	
1,2,3-Trichlorobenzene	1	0		9.48	41.11	50			1.080	0.888	17.78	
Naphthalene	1	0		9.33	45.95	50			1.643	1.393	8.10	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	
1,2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47034.D Sam Mult : 1 Vial# : 8 Qt On : 07/16/09 07:10
Acq On : 07/16/09 07:01 Misc : S,5G:.4 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.606	96	138990	30.00	ug/l	0.01
45) Chlorobenzene-d5	6.439	117	93830	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.858	152	48226	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.153	111	40539	30.47	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.57%			
32) 1,2-Dichloroethane-d4	4.379	102	7036	30.13	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.43%			
56) Toluene-d8	5.572	100	86234	30.70	ug/l	0.01
Spiked Amount 30.000			Recovery = 102.33%			
64) Bromofluorobenzene	7.139	174	38547	29.60	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.67%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	201285	60.05	ug/l	1
3) Dichlorodifluoromethane	1.359	85	113769	54.00	ug/l	96
4) Chloromethane	1.493	50	88925	46.67	ug/l	97
5) Bromomethane	1.812	94	42192	53.19	ug/l	97
6) Vinyl Chloride	1.577	62	74135	45.20	ug/l	96
7) Chloroethane	1.879	64	49674	52.47	ug/l	98
8) Trichlorofluoromethane	2.080	101	172741	51.06	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.457	101	113715	70.67	ug/l	92
10) Methylene Chloride	2.802	84	79457	46.49	ug/l	100
11) Acrolein	2.369	56	40201	239.30	ug/l	99
12) Acrylonitrile	2.980	53	15774	41.96	ug/l	87
13) Iodomethane	2.576	142	129165	47.21	ug/l	75
14) Acetone	2.477	43	68755	266.69	ug/l	95
15) Carbon Disulfide	2.635	76	287313	49.55	ug/l	100
16) t-Butyl Alcohol	2.871	59	12118	234.94	ug/l	86
17) n-Hexane	3.246	57	118987	53.07	ug/l	84
18) Di-isopropyl-ether	3.404	45	250429	46.34	ug/l	93
19) 1,1-Dichloroethene	2.457	61	167629	49.63	ug/l	97
20) Methyl Acetate	2.724	43	33094	44.19	ug/l	100
21) Methyl-t-butyl ether	3.029	73	118383	45.41	ug/l	85
22) 1,1-Dichloroethane	3.354	63	166510	48.36	ug/l	100
23) trans-1,2-Dichloroethene	3.029	96	85398	50.01	ug/l	71
24) cis-1,2-Dichloroethene	3.818	61	153698	48.54	ug/l	97
25) Bromochloromethane	3.995	49	63483	46.33	ug/l	83
26) 2,2-Dichloropropane	3.827	77	123473	51.64	ug/l	90
27) 1,4-Dioxane	5.040	88	22285	2221.18	ug/l	78
28) 1,1-Dichloropropene	4.300	75	135958	51.47	ug/l	97
29) Chloroform	4.044	83	151545	47.21	ug/l	97
31) Cyclohexane	4.241	56	157452	51.06	ug/l	98
33) 1,2-Dichloroethane	4.429	62	116328	48.29	ug/l	100
34) 2-Butanone	3.818	43	21092	45.17	ug/l	97
35) 1,1,1-Trichloroethane	4.192	97	131180	48.14	ug/l	96
36) Carbon Tetrachloride	4.310	117	118520	50.80	ug/l	94
37) Vinyl Acetate	3.404	43	224863	46.84	ug/l	100
38) Bromodichloromethane	5.119	83	120887	48.25	ug/l	96
39) Methylcyclohexane	4.961	83	151552	51.47	ug/l	72
40) Dibromomethane	5.040	174	43875	48.48	ug/l	97
41) 1,2-Dichloropropane	4.961	63	77169	45.61	ug/l	87
42) Trichloroethene	4.833	130	88651	48.39	ug/l	97
43) Benzene	4.438	78	295579	47.35	ug/l	100
44) tert-Amyl methyl ether	4.498	73	103410	44.60	ug/l	91
46) Dibromochloromethane	6.084	129	69997	48.76	ug/l	97
47) 2-Chloroethylvinylether	5.286	63	26666	45.91	ug/l	94
48) cis-1,3-Dichloropropene	5.394	75	116125	48.95	ug/l	95
49) trans-1,3-Dichloropropene	5.720	75	99778	50.19	ug/l	94
50) 1,1,2-Trichloroethane	5.828	97	48605	45.87	ug/l	87
51) 1,2-Dibromoethane	6.163	107	49774	45.29	ug/l	90
52) 1,3-Dichloropropane	5.937	76	93823	48.96	ug/l	96
53) 4-Methyl-2-Pentanone	5.473	43	39598	49.08	ug/l	92
54) 2-Hexanone	5.966	43	26114	48.17	ug/l	91
55) Tetrachloroethene	5.946	164	74687	46.90	ug/l	96
57) Toluene	5.611	92	181905	44.42	ug/l	97
58) 1,1,1,2-Tetrachloroethane	6.498	133	68641	48.24	ug/l	100
59) Chlorobenzene	6.459	112	188434	49.56	ug/l	99
61) Bromoform	6.952	173	41849	49.87	ug/l	93
62) Ethylbenzene	6.508	106	84992	51.97	ug/l	94
63) 1,1,2,2-Tetrachloroethane	7.198	83	55454	48.96	ug/l	90
65) Styrene	6.824	104	201794	50.41	ug/l	99
66) m&p-Xylenes	6.577	106	247698	91.93	ug/l	98

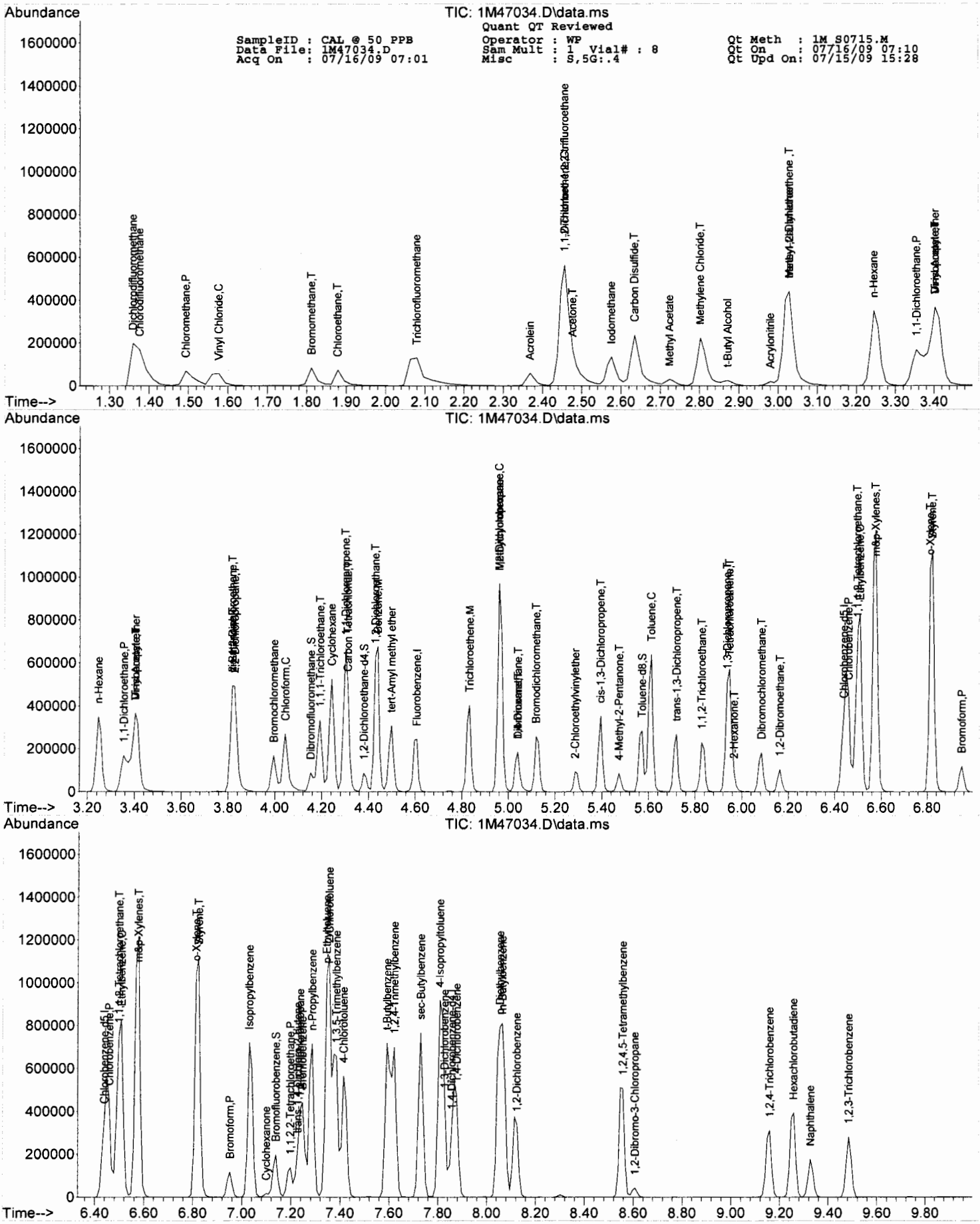
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47034.D Sam Mult : 1 Vial# : 8 Qt On : 07/16/09 07:10
Acq On : 07/16/09 07:01 Misc : S,5G:.4 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.814	106	122152	47.26 ug/l	79
68) trans-1,4-Dichloro-2-b...	7.228	53	20574	47.17 ug/l	84
69) 1,3-Dichlorobenzene	7.829	146	147359	50.00 ug/l	92
70) 1,4-Dichlorobenzene	7.878	146	144892	49.70 ug/l	92
71) 1,2-Dichlorobenzene	8.124	146	125377	46.97 ug/l	94
72) Isopropylbenzene	7.031	105	352123	49.67 ug/l	97
73) Cyclohexanone	7.099	55	6563	235.30 ug/l	91
74) 1,2,3-Trichloropropane	7.237	75	73995	49.69 ug/l	94
75) 2-Chlorotoluene	7.356	91	211776	50.20 ug/l	96
76) p-Ethyltoluene	7.346	105	356398	62.08 ug/l	93
77) 4-Chlorotoluene	7.415	91	187904	42.64 ug/l	94
78) n-Propylbenzene	7.287	91	423440	48.22 ug/l	98
79) Bromobenzene	7.247	77	177247	47.94 ug/l	88
80) 1,3,5-Trimethylbenzene	7.385	105	277590	54.49 ug/l	91
81) t-Butylbenzene	7.592	119	279186	48.89 ug/l	91
82) 1,2,4-Trimethylbenzene	7.622	105	288137	48.89 ug/l	94
83) sec-Butylbenzene	7.730	105	374746	47.63 ug/l	97
84) 4-Isopropyltoluene	7.809	119	296204	49.82 ug/l	93
85) n-Butylbenzene	8.065	91	367573	47.23 ug/l	97
86) p-Diethylbenzene	8.056	119	172601	48.84 ug/l	96
87) 1,2,4,5-Tetramethylben...	8.558	119	243875	47.43 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.607	157	9192	44.46 ug/l	59
89) Hexachlorobutadiene	9.258	225	77140	43.49 ug/l	98
90) 1,2,4-Trichlorobenzene	9.159	180	84805	45.15 ug/l	97
91) 1,2,3-Trichlorobenzene	9.485	180	71384	41.11 ug/l	96
92) Naphthalene	9.327	128	111935	45.95 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 1M47034.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M47034.D
Acq On : 07/16/09 07:01
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G:.4
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 07:10
Qt Upd On: 07/15/09 15:28
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
TIC: 1M47034.D\data.ms
Abundance
Time-->
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
TIC: 1M47034.D\data.ms
Abundance
Time-->
Chlorobenzene-d5,I
Chlorobenzene,P
1,1,1,2-Tetrachloroethane,T
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
trans-1,4-Dichloro-2-butene,T
n-Propylbenzene
p-Ethyltoluene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4,5-Tetramethylbenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 8M39740.D **Instrument:** GCMS 8

Cont Calibration Date/Time 7/17/2009 5:35:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.51	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.33	22.45				0.582			
Dichlorodifluoromethane	1	0		1.32	23.98	20			0.341	0.409	19.90	
Chloromethane	1	0	CP	1.45	21.22	20	0.1		0.335	0.355	6.10	
Bromomethane	1	0		1.78	20.63	20			0.265	0.222	3.15	
Vinyl Chloride	1	0	CC	1.53	19.62	20	20		0.337	0.331	1.90	
Chloroethane	1	0		1.85	20.77	20			0.186	0.193	3.85	
Trichlorofluoromethane	1	0		2.04	24.09	20			0.542	0.653	20.45	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.42	25.02	20			0.254	0.317	25.10	
Methylene Chloride	1	0		2.78	17.16	20			0.339	0.291	14.20	
Acrolein	1	0		2.34	77.77	100			0.050	0.039	22.23	
Acrylonitrile	1	0		2.96	18.12	20			0.095	0.086	9.40	
Iodomethane	1	0		2.55	18.83	20			0.680	0.641	5.85	
Acetone	1	0		2.46	83.96	100			0.097	0.082	16.04	
Carbon Disulfide	1	0		2.60	20.26	20			0.927	0.939	1.30	
t-Butyl Alcohol	1	0		2.85	90.38	100			0.039	0.027	9.62	
n-Hexane	1	0		3.20	20.58	20			0.211	0.198	2.90	
Di-isopropyl-ether	1	0		3.37	18.14	20			1.060	0.961	9.30	
1.1-Dichloroethene	1	0	CC	2.42	21.11	20	20		0.516	0.544	5.55	
Methyl Acetate	1	0		2.71	15.60	20			0.232	0.181	22.00	
Methyl-t-butyl ether	1	0		2.99	17.56	20			1.033	0.907	12.20	
1.1-Dichloroethane	1	0	CP	3.32	19.82	20	0.1		0.614	0.608	0.90	
trans-1.2-Dichloroethene	1	0		2.99	22.30	20			0.340	0.332	11.50	
cis-1.2-Dichloroethene	1	0		3.77	18.50	20			0.580	0.537	7.50	
Bromochloromethane	1	0		3.95	18.46	20			0.261	0.241	7.70	
2.2-Dichloropropane	1	0		3.78	20.45	20			0.481	0.492	2.25	
1.4-Dioxane	1	0		4.89	921.95	1000			0.003	0.003	7.80	
1.1-Dichloropropene	1	0		4.23	20.48	20			0.420	0.430	2.40	
Chloroform	1	0	CC	4.00	20.38	20	20		0.632	0.644	1.90	
Dibromofluoromethane	1	0	S	4.10	31.27	30			0.349	0.364	4.23	
Cyclohexane	1	0		4.17	19.00	20			0.336	0.319	5.00	
1.2-Dichloroethane-d4	1	0	S	4.32	31.63	30			0.059	0.062	5.43	
1.2-Dichloroethane	1	0		4.36	19.58	20			0.591	0.527	2.10	
2-Butanone	1	0		3.79	18.23	20			0.132	0.120	8.85	
1.1.1-Trichloroethane	1	0		4.13	21.72	20			0.549	0.596	8.60	
Carbon Tetrachloride	1	0		4.24	21.99	20			0.463	0.509	9.95	
Vinyl Acetate	1	0		3.36	18.42	20			1.157	1.065	7.90	
Bromodichloromethane	1	0		4.96	18.96	20			0.498	0.472	5.20	
Methylcyclohexane	1	0		4.82	19.84	20			0.257	0.255	0.80	
Dibromomethane	1	0		4.89	19.23	20			0.308	0.296	3.85	
1.2-Dichloropropane	1	0	CC	4.83	17.80	20	20		0.303	0.269	11.00	
Trichloroethene	1	0		4.71	19.42	20			0.355	0.344	2.90	
Benzene	1	0		4.36	22.93	20			1.120	1.066	14.65	
tert-Amyl methyl ether	1	0		4.41	17.70	20			0.850	0.752	11.50	
Chlorobenzene-d5	1	0	I	6.08	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.78	18.64	20			0.537	0.500	6.80	
2-Chloroethylvinylether	1	0		5.11	17.08	20			0.236	0.204	14.60	
cis-1.3-Dichloropropene	1	0		5.20	19.93	20			0.710	0.708	0.35	
trans-1.3-Dichloropropene	1	0		5.47	18.98	20			0.707	0.670	5.10	
1.1.2-Trichloroethane	1	0		5.57	18.50	20			0.383	0.355	7.50	
1.2-Dibromoethane	1	0		5.85	18.58	20			0.450	0.418	7.10	
1.3-Dichloropropane	1	0		5.66	16.96	20			0.658	0.558	15.20	
4-Methyl-2-Pentanone	1	0		5.26	16.21	20			0.344	0.279	18.95	
2-Hexanone	1	0		5.68	18.20	20			0.263	0.206	9.00	
Tetrachloroethene	1	0		5.66	20.57	20			0.391	0.402	2.85	
Toluene-d8	1	0	S	5.34	27.55	30			0.806	0.740	8.17	
Toluene	1	0	CC	5.37	19.63	20	20		0.815	0.800	1.85	
1.1.1.2-Tetrachloroethane	1	0		6.13	19.82	20			0.444	0.440	0.90	
Chlorobenzene	1	0	CP	6.10	19.92	20	0.3		1.053	1.049	0.40	
1.4-Dichlorobenzene-d4	1	0	I	7.32	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.53	17.24	20	0.1		0.723	0.623	13.80	
Ethylbenzene	1	0	CC	6.15	20.28	20	20		0.852	0.863	1.40	
1.1.2.2-Tetrachloroethane	1	0	CP	6.75	16.52	20	0.3		0.756	0.625	17.40	
Bromofluorobenzene	1	0	S	6.69	29.75	30			1.101	1.091	0.83	
Styrene	1	0		6.42	19.62	20			1.835	1.800	1.90	
m&p-Xylenes	1	0		6.20	44.54	40			1.053	0.990	11.35	
o-Xylene	1	0		6.41	20.96	20			1.014	1.063	4.80	
trans-1.4-Dichloro-2-butene	1	0		6.77	18.39	20			0.275	0.253	8.05	
1.3-Dichlorobenzene	1	0		7.29	21.34	20			1.349	1.439	6.70	
1.4-Dichlorobenzene	1	0		7.34	18.26	20			1.528	1.395	8.70	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 8M39740.D **Instrument:** GCMS 8

Cont Calibration Date/Time 7/17/2009 5:35:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		7.55	19.13	20			1.414	1.353	4.35	
Isopropylbenzene	1	0		6.60	20.52	20			2.411	2.474	2.60	
Cyclohexanone	1	0		6.66	116.44				0.027			
1,2,3-Trichloropropane	1	0		6.78	17.47	20			1.041	0.909	12.65	
2-Chlorotoluene	1	0		6.88	20.34	20			1.999	2.033	1.70	
p-Ethyltoluene	1	0		6.88	20.36				2.141			
4-Chlorotoluene	1	0		6.94	19.36	20			1.959	1.897	3.20	
n-Propylbenzene	1	0		6.82	19.88	20			2.613	2.597	0.60	
Bromobenzene	1	0		6.78	22.72	20			1.705	1.603	13.60	
1,3,5-Trimethylbenzene	1	0		6.91	19.29	20			1.966	1.897	3.55	
t-Butylbenzene	1	0		7.09	21.19	20			1.684	1.784	5.95	
1,2,4-Trimethylbenzene	1	0		7.11	19.45	20			2.015	1.959	2.75	
sec-Butylbenzene	1	0		7.21	20.54	20			1.935	1.987	2.70	
4-Isopropyltoluene	1	0		7.28	19.10	20			1.678	1.603	4.50	
n-Butylbenzene	1	0		7.51	18.38	20			1.984	1.824	8.10	
p-Diethylbenzene	1	0		7.49	19.47				1.020			
1,2,4,5-Tetramethylbenzene	1	0		7.94	17.19				1.647			
1,2-Dibromo-3-Chloropropane	1	0		7.98	18.30	20			0.202	0.185	8.50	
Hexachlorobutadiene	1	0		8.56	20.13	20			0.724	0.572	0.65	
1,2,4-Trichlorobenzene	1	0		8.47	17.40	20			0.904	0.787	13.00	
1,2,3-Trichlorobenzene	1	0		8.75	17.58	20			0.917	0.806	12.10	
Naphthalene	1	0		8.62	16.69	20			1.936	1.616	16.55	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 8M_A0716.M
Data File: 8M39740.D Sam Mult : 1 Vial# : 2 Qt On : 07/17/09 05:47
Acq On : 07/17/09 05:35 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.513	96	151587	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.081	117	105287	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	62281	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.104	111	55124	31.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.23%			
32) 1,2-Dichloroethane-d4	4.321	102	9421	31.63	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.43%			
56) Toluene-d8	5.342	100	77895	27.55	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.83%			
64) Bromofluorobenzene	6.693	174	67962	29.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.17%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.326	51	66082	22.45	ug/l	85
3) Dichlorodifluoromethane	1.317	85	41337	23.98	ug/l	89
4) Chloromethane	1.448	50	35875	21.22	ug/l	94
5) Bromomethane	1.778	94	22460	20.63	ug/l	78
6) Vinyl Chloride	1.533	62	33422	19.62	ug/l	97
7) Chloroethane	1.854	64	19512	20.77	ug/l	88
8) Trichlorofluoromethane	2.042	101	66031	24.09	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.420	101	32062	25.02	ug/l	96
10) Methylene Chloride	2.784	84	29419	17.16	ug/l	89
11) Acrolein	2.341	56	19469	77.77	ug/l	88
12) Acrylonitrile	2.961	53	8673	18.12	ug/l	94
13) Iodomethane	2.548	142	64743	18.83	ug/l	89
14) Acetone	2.459	43	41220	83.96	ug/l	86
15) Carbon Disulfide	2.597	76	94864	20.26	ug/l	100
16) t-Butyl Alcohol	2.853	59	13636	90.38	ug/l	72
17) n-Hexane	3.198	57	19980	20.58	ug/l	85
18) Di-isopropyl-ether	3.365	45	97133	18.14	ug/l	93
19) 1,1-Dichloroethene	2.420	61	54997	21.11	ug/l	91
20) Methyl Acetate	2.705	43	18252	15.60	ug/l	100
21) Methyl-t-butyl ether	2.991	73	91667	17.56	ug/l	94
22) 1,1-Dichloroethane	3.316	63	61440	19.82	ug/l	99
23) trans-1,2-Dichloroethene	2.991	96	33504	22.30	ug/l	86
24) cis-1,2-Dichloroethene	3.774	61	54253	18.50	ug/l	100
25) Bromochloromethane	3.954	49	24345	18.46	ug/l	89
26) 2,2-Dichloropropane	3.780	77	49703	20.45	ug/l	88
27) 1,4-Dioxane	4.891	88	15642	921.95	ug/l	89
28) 1,1-Dichloropropene	4.231	75	43483	20.48	ug/l	96
29) Chloroform	3.996	83	65121	20.38	ug/l	98
31) Cyclohexane	4.170	56	32241	19.00	ug/l	92
33) 1,2-Dichloroethane	4.363	62	53265	19.58	ug/l	92
34) 2-Butanone	3.786	43	12129	18.23	ug/l	94
35) 1,1,1-Trichloroethane	4.134	97	60198	21.72	ug/l	90
36) Carbon Tetrachloride	4.237	117	51489	21.99	ug/l	82
37) Vinyl Acetate	3.355	43	107653	18.42	ug/l	100
38) Bromodichloromethane	4.963	83	47670	18.96	ug/l	96
39) Methylcyclohexane	4.819	83	25747	19.84	ug/l	94
40) Dibromomethane	4.891	174	29955	19.23	ug/l	95
41) 1,2-Dichloropropane	4.825	63	27235	17.80	ug/l	98
42) Trichloroethene	4.711	130	34804	19.42	ug/l	87
43) Benzene	4.357	78	107763	22.93	ug/l	100
44) tert-Amyl methyl ether	4.411	73	75971	17.70	ug/l	78
46) Dibromochloromethane	5.780	129	35117	18.64	ug/l	97
47) 2-Chloroethylvinylether	5.108	63	14306	17.08	ug/l	93
48) cis-1,3-Dichloropropene	5.198	75	49663	19.93	ug/l	94
49) trans-1,3-Dichloropropene	5.474	75	47056	18.98	ug/l	100
50) 1,1,2-Trichloroethane	5.570	97	24889	18.50	ug/l	88
51) 1,2-Dibromoethane	5.852	107	29361	18.58	ug/l	93
52) 1,3-Dichloropropane	5.660	76	39176	16.96	ug/l	97
53) 4-Methyl-2-Pentanone	5.264	43	19578	16.21	ug/l	91
54) 2-Hexanone	5.684	43	14457	18.20	ug/l	88
55) Tetrachloroethene	5.660	164	28212	20.57	ug/l	93
57) Toluene	5.372	92	56167	19.63	ug/l	95
58) 1,1,1,2-Tetrachloroethane	6.135	133	30872	19.82	ug/l	88
59) Chlorobenzene	6.099	112	73601	19.92	ug/l	94
61) Bromoform	6.531	173	25855	17.24	ug/l	93
62) Ethylbenzene	6.147	106	35848	20.28	ug/l	89
63) 1,1,2,2-Tetrachloroethane	6.747	83	25934	16.52	ug/l	82
65) Styrene	6.417	104	74721	19.62	ug/l	98
66) m&p-Xylenes	6.201	106	82217	44.54	ug/l	83

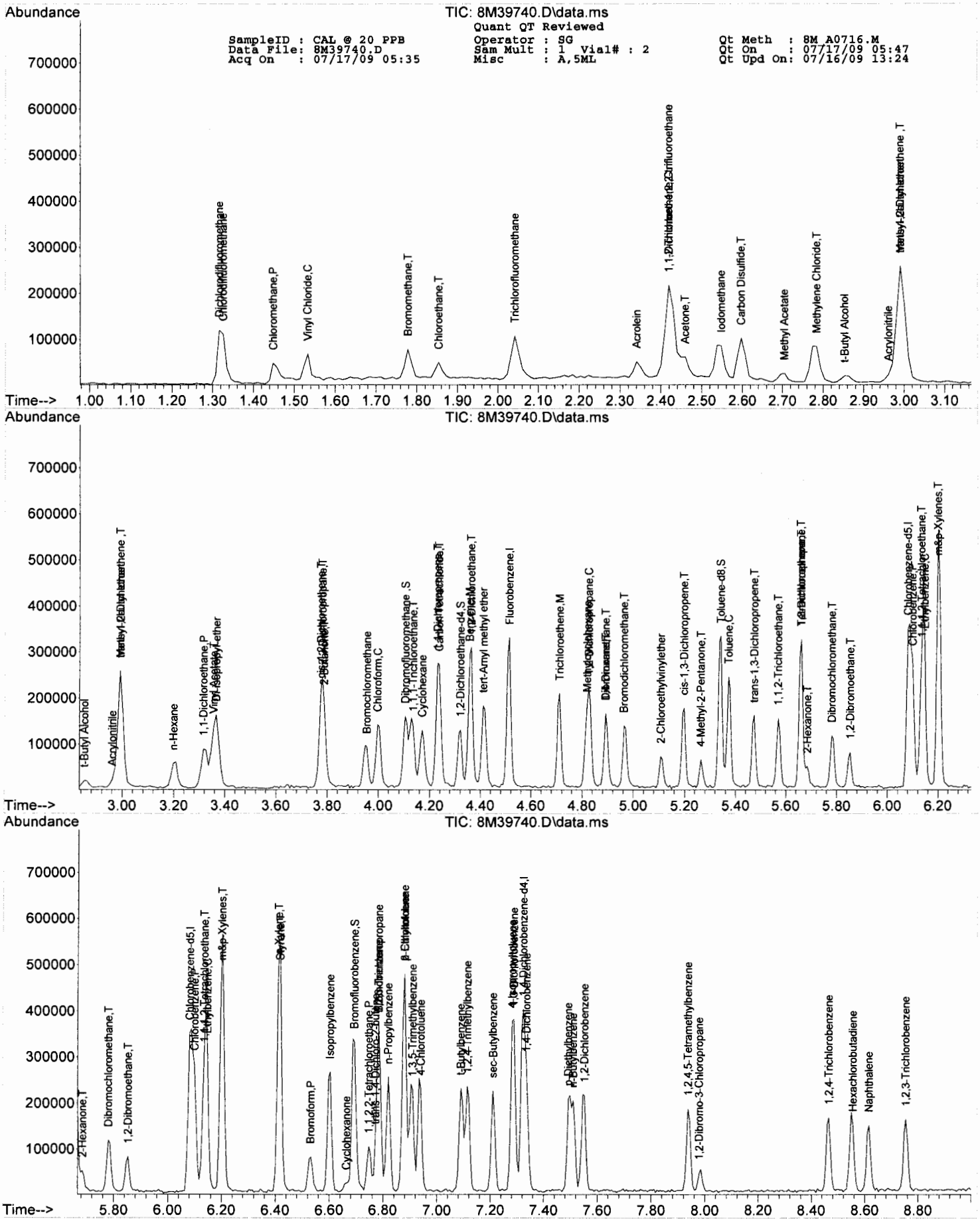
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 8M_A0716.M
Data File: 8M39740.D Sam Mult : 1 Vial# : 2 Qt On : 07/17/09 05:47
Acq On : 07/17/09 05:35 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.411	106	44119	20.96 ug/l	73
68) trans-1,4-Dichloro-2-b...	6.772	53	10514	18.39 ug/l	41
69) 1,3-Dichlorobenzene	7.288	146	59763	21.34 ug/l	95
70) 1,4-Dichlorobenzene	7.336	146	57921	18.26 ug/l	94
71) 1,2-Dichlorobenzene	7.552	146	56171	19.13 ug/l	99
72) Isopropylbenzene	6.603	105	102722	20.52 ug/l	96
73) Cyclohexanone	6.663	55	5679	116.44 ug/l	86
74) 1,2,3-Trichloropropane	6.784	75	37752	17.47 ug/l	97
75) 2-Chlorotoluene	6.880	91	84400	20.34 ug/l	94
76) p-Ethyltoluene	6.880	105	90506	20.36 ug/l	97
77) 4-Chlorotoluene	6.940	91	78744	19.36 ug/l	95
78) n-Propylbenzene	6.820	91	107831	19.88 ug/l	99
79) Bromobenzene	6.784	77	66569	22.72 ug/l	91
80) 1,3,5-Trimethylbenzene	6.910	105	78755	19.29 ug/l	97
81) t-Butylbenzene	7.090	119	74073	21.19 ug/l	92
82) 1,2,4-Trimethylbenzene	7.114	105	81354	19.45 ug/l	91
83) sec-Butylbenzene	7.210	105	82515	20.54 ug/l	99
84) 4-Isopropyltoluene	7.282	119	66562	19.10 ug/l	89
85) n-Butylbenzene	7.510	91	75718	18.38 ug/l	95
86) p-Diethylbenzene	7.492	119	41245	19.47 ug/l	91
87) 1,2,4,5-Tetramethylben...	7.937	119	58765	17.19 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	7.979	157	7689	18.30 ug/l	98
89) Hexachlorobutadiene	8.556	225	23745	20.13 ug/l	91
90) 1,2,4-Trichlorobenzene	8.466	180	32663	17.40 ug/l	94
91) 1,2,3-Trichlorobenzene	8.754	180	33486	17.58 ug/l	97
92) Naphthalene	8.616	128	67084	16.69 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39740.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 8M39740.D
Acq On : 07/17/09 05:35
Operator : SG
Sam Mult : 1 Vial# : 2
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 05:47
Qt Upd On: 07/16/09 13:24
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->

Abundance
TIC: 8M39740.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
Toluene-d8,S
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Time-->

Abundance
TIC: 8M39740.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 2M43900.D **Instrument:** GCMS 2

Cont Calibration Date/Time 7/17/2009 6:15:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.39	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.25	15.31				0.756			
Dichlorodifluoromethane	1	0		1.23	16.65	20			0.352	0.321	16.75	
Chloromethane	1	0	CP	1.36	15.52	20	0.1		0.411	0.319	22.40	
Bromomethane	1	0		1.65	20.86	20			0.182	0.190	4.30	
Vinyl Chloride	1	0	CC	1.43	15.96	20	20		0.340	0.271	20.20	
Chloroethane	1	0		1.71	21.06	20			0.185	0.195	5.30	
Trichlorofluoromethane	1	0		1.88	23.09	20			0.461	0.532	15.45	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.24	23.05	20			0.311	0.358	15.25	
Methylene Chloride	1	0		2.59	18.89	20			0.397	0.340	5.55	
Acrolein	1	0		2.18	129.70	100			0.028	0.037	29.70	
Acrylonitrile	1	0		2.77	15.54	20			0.132	0.102	22.30	
Iodomethane	1	0		2.36	24.94	20			0.453	0.590	24.70	
Acetone	1	0		2.29	75.37	100			0.129	0.097	24.63	
Carbon Disulfide	1	0		2.41	21.72	20			0.715	0.886	8.60	
t-Butyl Alcohol	1	0		2.67	55.76	100			0.035	0.019	44.24	
n-Hexane	1	0		2.98	22.90	20			0.240	0.274	14.50	
Di-isopropyl-ether	1	0		3.15	17.40	20			1.334	1.161	13.00	
1.1-Dichloroethene	1	0	CC	2.25	19.67	20	20		0.617	0.606	1.65	
Methyl Acetate	1	0		2.52	15.57	20			0.319	0.248	22.15	
Methyl-t-butyl ether	1	0		2.78	20.73	20			0.884	0.917	3.65	
1.1-Dichloroethane	1	0	CP	3.11	19.60	20	0.1		0.606	0.594	2.00	
trans-1.2-Dichloroethene	1	0		2.79	20.95	20			0.299	0.313	4.75	
cis-1.2-Dichloroethene	1	0		3.57	19.18	20			0.614	0.589	4.10	
Bromochloromethane	1	0		3.77	22.43	20			0.268	0.301	12.15	
2.2-Dichloropropane	1	0		3.57	17.87	20			0.418	0.431	10.65	
1.4-Dioxane	1	0		4.83	864.51	1000			0.003	0.003	13.55	
1.1-Dichloropropene	1	0		4.07	21.30	20			0.402	0.428	6.50	
Chloroform	1	0	CC	3.83	23.80	20	20		0.535	0.637	19.00	
Dibromofluoromethane	1	0	S	3.94	32.98	30			0.274	0.302	9.93	
Cyclohexane	1	0		4.00	19.92	20			0.412	0.410	0.40	
1.2-Dichloroethane-d4	1	0	S	4.18	31.98	30			0.062	0.066	6.60	
1.2-Dichloroethane	1	0		4.23	22.69	20			0.475	0.538	13.45	
2-Butanone	1	0		3.58	17.24	20			0.183	0.158	13.80	
1.1.1-Trichloroethane	1	0		3.96	23.00	20			0.393	0.452	15.00	
Carbon Tetrachloride	1	0		4.08	24.64	20			0.308	0.379	23.20	
Vinyl Acetate	1	0		3.14	17.96	20			1.282	1.152	10.20	
Bromodichloromethane	1	0		4.92	21.97	20			0.421	0.463	9.85	
Methylcyclohexane	1	0		4.73	21.05	20			0.339	0.356	5.25	
Dibromomethane	1	0		4.83	22.41	20			0.221	0.248	12.05	
1.2-Dichloropropane	1	0	CC	4.75	18.73	20	20		0.313	0.293	6.35	
Trichloroethene	1	0		4.62	21.63	20			0.297	0.321	8.15	
Benzene	1	0		4.22	19.88	20			1.069	1.062	0.60	
tert-Amyl methyl ether	1	0		4.28	19.11	20			0.754	0.720	4.45	
Chlorobenzene-d5	1	0	I	6.20	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.86	20.42	20			0.416	0.476	2.10	
2-Chloroethylvinylether	1	0		5.09	16.22	20			0.277	0.256	18.90	
cis-1.3-Dichloropropene	1	0		5.18	18.02	20			0.696	0.705	9.90	
trans-1.3-Dichloropropene	1	0		5.51	17.71	20			0.646	0.641	11.45	
1.1.2-Trichloroethane	1	0		5.62	20.68	20			0.366	0.379	3.40	
1.2-Dibromoethane	1	0		5.94	20.84	20			0.422	0.440	4.20	
1.3-Dichloropropane	1	0		5.72	20.96	20			0.662	0.694	4.80	
4-Methyl-2-Pentanone	1	0		5.27	16.11	20			0.476	0.384	19.45	
2-Hexanone	1	0		5.75	15.83	20			0.335	0.265	20.85	
Tetrachloroethene	1	0		5.71	23.37	20			0.309	0.361	16.85	
Toluene-d8	1	0	S	5.34	29.82	30			0.879	0.873	0.60	
Toluene	1	0	CC	5.38	21.24	20	20		0.934	0.992	6.20	
1.1.1.2-Tetrachloroethane	1	0		6.26	23.63	20			0.322	0.380	18.15	
Chlorobenzene	1	0	CP	6.22	21.04	20	0.3		1.041	1.095	5.20	
1.4-Dichlorobenzene-d4	1	0	I	7.61	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.72	17.34	20	0.1		0.600	0.590	13.30	
Ethylbenzene	1	0	CC	6.27	20.05	20	20		0.881	0.883	0.25	
1.1.2.2-Tetrachloroethane	1	0	CP	6.96	17.46	20	0.3		0.960	0.838	12.70	
Bromofluorobenzene	1	0	S	6.90	29.81	30			0.895	0.889	0.63	
Styrene	1	0		6.58	21.80	20			2.202	2.400	9.00	
m&p-Xylenes	1	0		6.34	42.72	40			1.191	1.344	6.80	
o-Xylene	1	0		6.58	21.60	20			1.222	1.319	8.00	
trans-1.4-Dichloro-2-butene	1	0		7.00	18.11	20			0.330	0.305	9.45	
1.3-Dichlorobenzene	1	0		7.57	21.05	20			1.454	1.530	5.25	
1.4-Dichlorobenzene	1	0		7.62	20.28	20			1.579	1.601	1.40	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 2M43900.D **Instrument:** GCMS 2

Cont Calibration Date/Time 7/17/2009 6:15:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		7.86	19.82	20			1.456	1.442	0.90	
Isopropylbenzene	1	0		6.79	22.04	20			3.022	3.331	10.20	
Cyclohexanone	1	0		6.87	65.73				0.036			
1,2,3-Trichloropropane	1	0		7.00	18.50	20			1.257	1.163	7.50	
2-Chlorotoluene	1	0		7.11	22.47	20			2.067	2.322	12.35	
p-Ethyltoluene	1	0		7.10	21.06				2.890			
4-Chlorotoluene	1	0		7.17	20.73	20			2.082	2.158	3.65	
n-Propylbenzene	1	0		7.03	21.29	20			3.635	3.869	6.45	
Bromobenzene	1	0		7.00	20.55	20			2.001	2.056	2.75	
1,3,5-Trimethylbenzene	1	0		7.13	23.47	20			2.376	2.789	17.35	
t-Butylbenzene	1	0		7.34	22.13	20			2.108	2.332	10.65	
1,2,4-Trimethylbenzene	1	0		7.37	22.29	20			2.511	2.798	11.45	
sec-Butylbenzene	1	0		7.47	21.81	20			2.569	2.801	9.05	
4-Isopropyltoluene	1	0		7.55	23.20	20			2.021	2.344	16.00	
n-Butylbenzene	1	0		7.81	21.51	20			2.391	2.572	7.55	
p-Diethylbenzene	1	0		7.79	20.44				1.242			
1,2,4,5-Tetramethylbenzene	1	0		8.29	21.24				1.766			
1,2-Dibromo-3-Chloropropane	1	0		8.35	13.26	20			0.169	0.144	33.70	
Hexachlorobutadiene	1	0		8.97	20.54	20			0.347	0.356	2.70	
1,2,4-Trichlorobenzene	1	0		8.89	17.59	20			0.823	0.723	12.05	
1,2,3-Trichlorobenzene	1	0		9.21	16.86	20			0.826	0.697	15.70	
Naphthalene	1	0		9.06	15.97	20			2.166	1.730	20.15	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 2M_A0630.M
Data File: 2M43900.D Sam Mult : 1 Vial# : 4 Qt On : 07/17/09 06:26
Acq On : 07/17/09 06:15 Misc : A,5mL Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.394	96	113704	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.198	117	80230	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.606	152	39569	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.943	111	34293	32.98	ug/l	-0.01
Spiked Amount 30.000			Recovery = 109.93%			
32) 1,2-Dichloroethane-d4	4.183	102	7548	31.98	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.60%			
56) Toluene-d8	5.344	100	70056	29.82	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.40%			
64) Bromofluorobenzene	6.896	174	35180	29.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.248	51	43866	15.31	ug/l	68
3) Dichlorodifluoromethane	1.231	85	24320	16.65	ug/l	94
4) Chloromethane	1.364	50	24209	15.52	ug/l	99
5) Bromomethane	1.647	94	14410	20.86	ug/l	96
6) Vinyl Chloride	1.431	62	20558	15.96	ug/l	98
7) Chloroethane	1.714	64	14746	21.06	ug/l	88
8) Trichlorofluoromethane	1.880	101	40319	23.09	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.242	101	27159	23.05	ug/l	93
10) Methylene Chloride	2.587	84	25794	18.89	ug/l	85
11) Acrolein	2.180	56	13985	129.70	ug/l	99
12) Acrylonitrile	2.774	53	7765	15.54	ug/l	86
13) Iodomethane	2.360	142	44707	24.94	ug/l	98
14) Acetone	2.291	43	36842	75.37	ug/l	99
15) Carbon Disulfide	2.409	76	67198	21.72	ug/l	100
16) t-Butyl Alcohol	2.666	59	7343	55.76	ug/l	94
17) n-Hexane	2.981	57	20805	22.90	ug/l	91
18) Di-isopropyl-ether	3.149	45	87975	17.40	ug/l	96
19) 1,1-Dichloroethene	2.251	61	45959	19.67	ug/l	100
20) Methyl Acetate	2.518	43	18811	15.57	ug/l	100
21) Methyl-t-butyl ether	2.784	73	69482	20.73	ug/l	98
22) 1,1-Dichloroethane	3.109	63	45047	19.60	ug/l	97
23) trans-1,2-Dichloroethene	2.794	96	23745	20.95	ug/l	79
24) cis-1,2-Dichloroethene	3.573	61	44610	19.18	ug/l	99
25) Bromochloromethane	3.770	49	22785	22.43	ug/l	70
26) 2,2-Dichloropropane	3.573	77	32649	17.87	ug/l	94
27) 1,4-Dioxane	4.833	88	11442	864.51	ug/l	83
28) 1,1-Dichloropropene	4.075	75	32429	21.30	ug/l	95
29) Chloroform	3.828	83	48302	23.80	ug/l	99
31) Cyclohexane	4.003	56	31079	19.92	ug/l	96
33) 1,2-Dichloroethane	4.231	62	40813	22.69	ug/l	97
34) 2-Butanone	3.582	43	11962	17.24	ug/l	89
35) 1,1,1-Trichloroethane	3.961	97	34278	23.00	ug/l	97
36) Carbon Tetrachloride	4.081	117	28721	24.64	ug/l	86
37) Vinyl Acetate	3.139	43	87314	17.96	ug/l	100
38) Bromodichloromethane	4.917	83	35095	21.97	ug/l	98
39) Methylcyclohexane	4.731	83	27008	21.05	ug/l	96
40) Dibromomethane	4.827	174	18796	22.41	ug/l	94
41) 1,2-Dichloropropane	4.755	63	22218	18.73	ug/l	94
42) Trichloroethene	4.616	130	24311	21.63	ug/l	93
43) Benzene	4.219	78	80527	19.88	ug/l	100
44) tert-Amyl methyl ether	4.279	73	54589	19.11	ug/l	94
46) Dibromochloromethane	5.861	129	25486	20.42	ug/l	99
47) 2-Chloroethylvinylether	5.085	63	13699	16.22	ug/l	84
48) cis-1,3-Dichloropropene	5.182	75	37710	18.02	ug/l	96
49) trans-1,3-Dichloropropene	5.507	75	34267	17.71	ug/l	100
50) 1,1,2-Trichloroethane	5.621	97	20250	20.68	ug/l	93
51) 1,2-Dibromoethane	5.940	107	23519	20.84	ug/l	94
52) 1,3-Dichloropropane	5.723	76	37108	20.96	ug/l	97
53) 4-Methyl-2-Pentanone	5.266	43	20520	16.11	ug/l	100
54) 2-Hexanone	5.753	43	14157	15.83	ug/l	95
55) Tetrachloroethene	5.711	164	19326	23.37	ug/l	98
57) Toluene	5.380	92	53054	21.24	ug/l	94
58) 1,1,1,2-Tetrachloroethane	6.258	133	20333	23.63	ug/l	98
59) Chlorobenzene	6.216	112	58573	21.04	ug/l	98
61) Bromoform	6.716	173	15572	17.34	ug/l	98
62) Ethylbenzene	6.270	106	23304	20.05	ug/l	85
63) 1,1,2,2-Tetrachloroethane	6.962	83	22100	17.46	ug/l	90
65) Styrene	6.583	104	63315	21.80	ug/l	95
66) m&p-Xylenes	6.337	106	70903	42.72	ug/l	95

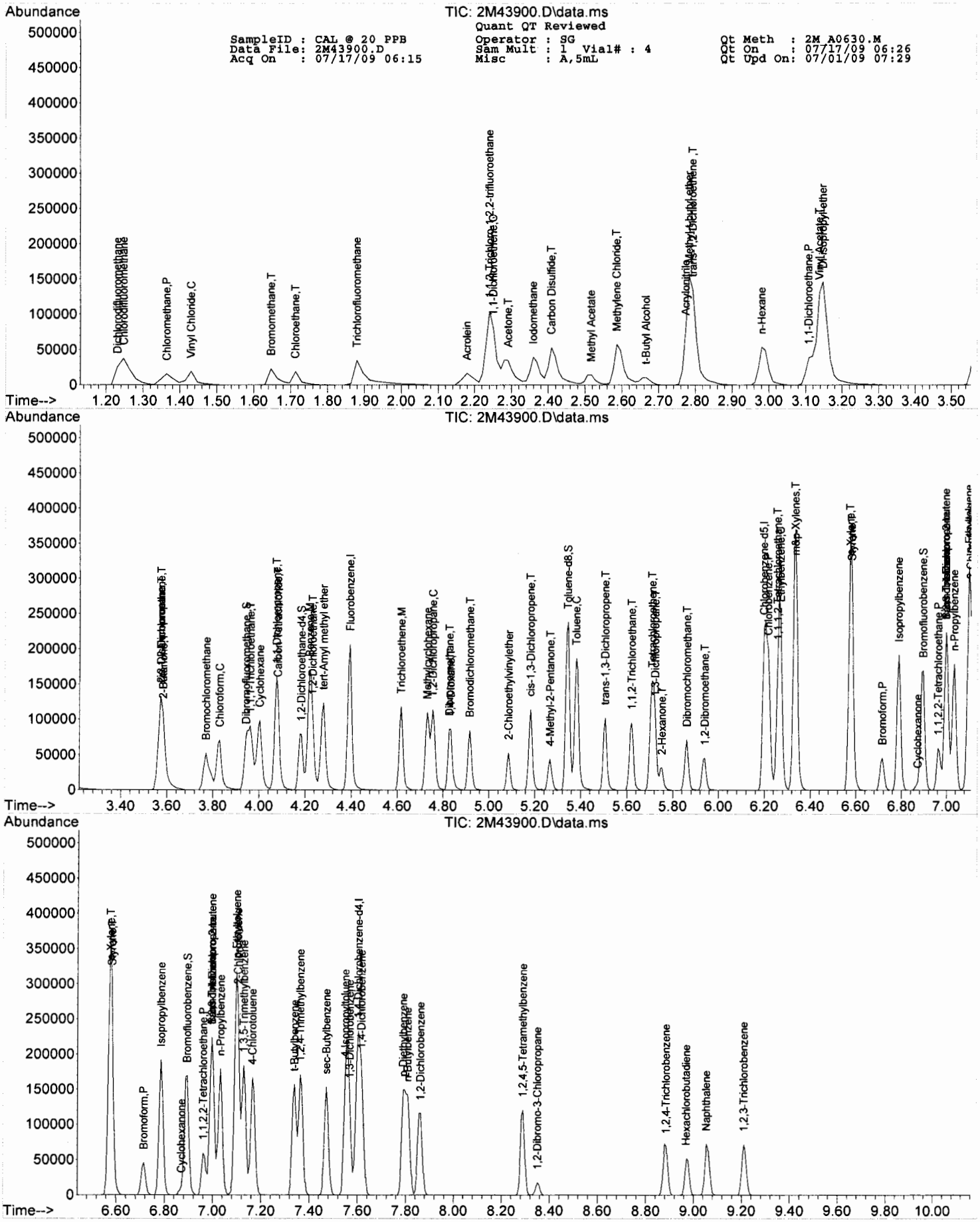
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : SG Qt Meth : 2M_A0630.M
Data File: 2M43900.D Sam Mult : 1 Vial# : 4 Qt On : 07/17/09 06:26
Acq On : 07/17/09 06:15 Misc : A,5mL Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.577	106	34806	21.60 ug/l	87
68) trans-1,4-Dichloro-2-b...	6.998	53	8036	18.11 ug/l	97
69) 1,3-Dichlorobenzene	7.570	146	40370	21.05 ug/l	94
70) 1,4-Dichlorobenzene	7.618	146	42234	20.28 ug/l	93
71) 1,2-Dichlorobenzene	7.865	146	38052	19.82 ug/l	96
72) Isopropylbenzene	6.788	105	87868	22.04 ug/l	97
73) Cyclohexanone	6.872	55	3156	65.73 ug/l	98
74) 1,2,3-Trichloropropane	6.998	75	30678	18.50 ug/l	99
75) 2-Chlorotoluene	7.107	91	61240	22.47 ug/l	96
76) p-Ethyltoluene	7.101	105	80294	21.06 ug/l	97
77) 4-Chlorotoluene	7.167	91	56928	20.73 ug/l	96
78) n-Propylbenzene	7.034	91	102062	21.29 ug/l	98
79) Bromobenzene	6.998	77	54244	20.55 ug/l	89
80) 1,3,5-Trimethylbenzene	7.131	105	73578	23.47 ug/l	95
81) t-Butylbenzene	7.341	119	61524	22.13 ug/l	93
82) 1,2,4-Trimethylbenzene	7.365	105	73816	22.29 ug/l	89
83) sec-Butylbenzene	7.474	105	73897	21.81 ug/l	96
84) 4-Isopropyltoluene	7.552	119	61845	23.20 ug/l	96
85) n-Butylbenzene	7.810	91	67836	21.51 ug/l	99
86) p-Diethylbenzene	7.792	119	33497	20.44 ug/l	92
87) 1,2,4,5-Tetramethylben...	8.292	119	49483	21.24 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	8.352	157	3798	13.26 ug/l	74
89) Hexachlorobutadiene	8.971	225	9404	20.54 ug/l	97
90) 1,2,4-Trichlorobenzene	8.887	180	19079	17.59 ug/l	99
91) 1,2,3-Trichlorobenzene	9.212	180	18381	16.86 ug/l	98
92) Naphthalene	9.056	128	45635	15.97 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M43900.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 2M43900.D
Acq On : 07/17/09 06:15
Operator : SG
Sam Mult : 1 Vial# : 4
Misc : A,5mL
Qt Meth : 2M_A0630.M
Qt On : 07/17/09 06:26
Qt Upd On: 07/01/09 07:29
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 8M39871.D **Instrument:** GCMS 8

Cont Calibration Date/Time 7/21/2009 7:48:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.51	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.31	19.60				0.582			
Dichlorodifluoromethane	1	0		1.31	17.54	20			0.341	0.299	12.30	
Chloromethane	1	0	CP	1.45	19.16	20	0.1		0.335	0.320	4.20	
Bromomethane	1	0		1.78	25.36	20			0.265	0.273	26.80	
Vinyl Chloride	1	0	CC	1.52	19.97	20	20		0.337	0.337	0.15	
Chloroethane	1	0		1.84	21.78	20			0.186	0.202	8.90	
Trichlorofluoromethane	1	0		2.03	20.50	20			0.542	0.556	2.50	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.41	22.64	20			0.254	0.287	13.20	
Methylene Chloride	1	0		2.77	16.85	20			0.339	0.286	15.75	
Acrolein	1	0		2.33	80.39	100			0.050	0.040	19.61	
Acrylonitrile	1	0		2.95	16.03	20			0.095	0.076	19.85	
Iodomethane	1	0		2.54	19.60	20			0.680	0.667	2.00	
Acetone	1	0		2.45	87.23	100			0.097	0.085	12.77	
Carbon Disulfide	1	0		2.59	18.35	20			0.927	0.850	8.25	
t-Butyl Alcohol	1	0		2.85	99.70	100			0.039	0.030	0.30	
n-Hexane	1	0		3.20	17.03	20			0.211	0.164	14.85	
Di-isopropyl-ether	1	0		3.35	17.67	20			1.060	0.936	11.65	
1.1-Dichloroethene	1	0	CC	2.41	22.18	20	20		0.516	0.572	10.90	
Methyl Acetate	1	0		2.69	16.44	20			0.232	0.190	17.80	
Methyl-t-butyl ether	1	0		2.98	17.43	20			1.033	0.900	12.85	
1.1-Dichloroethane	1	0	CP	3.31	20.55	20	0.1		0.614	0.631	2.75	
trans-1.2-Dichloroethene	1	0		2.98	23.15	20			0.340	0.344	15.75	
cis-1.2-Dichloroethene	1	0		3.77	18.60	20			0.580	0.540	7.00	
Bromochloromethane	1	0		3.94	18.25	20			0.261	0.238	8.75	
2.2-Dichloropropane	1	0		3.77	17.85	20			0.481	0.429	10.75	
1.4-Dioxane	1	0		4.89	984.73	1000			0.003	0.003	1.53	
1.1-Dichloropropene	1	0		4.22	19.09	20			0.420	0.401	4.55	
Chloroform	1	0	CC	3.99	20.78	20	20		0.632	0.657	3.90	
Dibromofluoromethane	1	0	S	4.10	32.68	30			0.349	0.380	8.93	
Cyclohexane	1	0		4.16	17.22	20			0.336	0.289	13.90	
1.2-Dichloroethane-d4	1	0	S	4.31	29.58	30			0.059	0.058	1.40	
1.2-Dichloroethane	1	0		4.36	20.68	20			0.591	0.554	3.40	
2-Butanone	1	0		3.77	16.23	20			0.132	0.107	18.85	
1.1.1-Trichloroethane	1	0		4.12	21.71	20			0.549	0.596	8.55	
Carbon Tetrachloride	1	0		4.23	22.58	20			0.463	0.523	12.90	
Vinyl Acetate	1	0		3.34	18.61	20			1.157	1.077	6.95	
Bromodichloromethane	1	0		4.96	19.47	20			0.498	0.484	2.65	
Methylcyclohexane	1	0		4.81	18.79	20			0.257	0.241	6.05	
Dibromomethane	1	0		4.88	20.57	20			0.308	0.317	2.85	
1.2-Dichloropropane	1	0	CC	4.82	17.66	20	20		0.303	0.267	11.70	
Trichloroethene	1	0		4.70	21.87	20			0.355	0.388	9.35	
Benzene	1	0		4.35	21.11	20			1.120	0.982	5.55	
tert-Amyl methyl ether	1	0		4.40	17.61	20			0.850	0.748	11.95	
Chlorobenzene-d5	1	0	I	6.07	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.77	17.38	20			0.537	0.467	13.10	
2-Chloroethylvinylether	1	0		5.10	17.40	20			0.236	0.208	13.00	
cis-1.3-Dichloropropene	1	0		5.18	16.62	20			0.710	0.590	16.90	
trans-1.3-Dichloropropene	1	0		5.47	17.10	20			0.707	0.604	14.50	
1.1.2-Trichloroethane	1	0		5.56	17.50	20			0.383	0.335	12.50	
1.2-Dibromoethane	1	0		5.85	18.86	20			0.450	0.424	5.70	
1.3-Dichloropropane	1	0		5.65	17.56	20			0.658	0.578	12.20	
4-Methyl-2-Pentanone	1	0		5.26	15.38	20			0.344	0.265	23.10	
2-Hexanone	1	0		5.68	16.95	20			0.263	0.192	15.25	
Tetrachloroethene	1	0		5.65	18.72	20			0.391	0.366	6.40	
Toluene-d8	1	0	S	5.33	26.71	30			0.806	0.717	10.97	
Toluene	1	0	CC	5.36	17.65	20	20		0.815	0.719	11.75	
1.1.1.2-Tetrachloroethane	1	0		6.13	17.83	20			0.444	0.396	10.85	
Chlorobenzene	1	0	CP	6.09	17.67	20	0.3		1.053	0.930	11.65	
1.4-Dichlorobenzene-d4	1	0	I	7.31	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.52	17.68	20	0.1		0.723	0.639	11.60	
Ethylbenzene	1	0	CC	6.14	19.39	20	20		0.852	0.826	3.05	
1.1.2.2-Tetrachloroethane	1	0	CP	6.74	17.26	20	0.3		0.756	0.652	13.70	
Bromofluorobenzene	1	0	S	6.69	29.49	30			1.101	1.082	1.70	
Styrene	1	0		6.41	21.16	20			1.835	1.941	5.80	
m&p-Xylenes	1	0		6.19	48.74	40			1.053	1.083	21.85	
o-Xylene	1	0		6.40	19.61	20			1.014	0.994	1.95	
trans-1.4-Dichloro-2-butene	1	0		6.77	15.95	20			0.275	0.220	20.25	
1.3-Dichlorobenzene	1	0		7.28	21.30	20			1.349	1.436	6.50	
1.4-Dichlorobenzene	1	0		7.33	19.04	20			1.528	1.454	4.80	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 8M39871.D **Instrument:** GCMS 8

Cont Calibration Date/Time 7/21/2009 7:48:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		7.54	18.60	20			1.414	1.316	7.00	
Isopropylbenzene	1	0		6.60	20.37	20			2.411	2.456	1.85	
Cyclohexanone	1	0		0.00	0.00				0.027			
1.2.3-Trichloropropane	1	0		6.78	16.83	20			1.041	0.876	15.85	
2-Chlorotoluene	1	0		6.87	22.12	20			1.999	2.210	10.60	
p-Ethyltoluene	1	0		6.87	20.61				2.141			
4-Chlorotoluene	1	0		6.93	21.60	20			1.959	2.116	8.00	
n-Propylbenzene	1	0		6.81	19.69	20			2.613	2.573	1.55	
Bromobenzene	1	0		6.78	21.81	20			1.705	1.539	9.05	
1.3.5-Trimethylbenzene	1	0		6.90	18.88	20			1.966	1.856	5.60	
t-Butylbenzene	1	0		7.08	19.61	20			1.684	1.651	1.95	
1.2.4-Trimethylbenzene	1	0		7.11	19.07	20			2.015	1.921	4.65	
sec-Butylbenzene	1	0		7.20	20.54	20			1.935	1.987	2.70	
4-Isopropyltoluene	1	0		7.28	18.62	20			1.678	1.563	6.90	
n-Butylbenzene	1	0		7.50	18.16	20			1.984	1.801	9.20	
p-Diethylbenzene	1	0		7.49	19.30				1.020			
1.2.4.5-Tetramethylbenzene	1	0		7.93	17.48				1.647			
1.2-Dibromo-3-Chloropropane	1	0		7.97	17.33	20			0.202	0.175	13.35	
Hexachlorobutadiene	1	0		8.55	16.94	20			0.724	0.481	15.30	
1.2.4-Trichlorobenzene	1	0		8.45	17.84	20			0.904	0.807	10.80	
1.2.3-Trichlorobenzene	1	0		8.75	16.93	20			0.917	0.777	15.35	
Naphthalene	1	0		8.61	18.35	20			1.936	1.776	8.25	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound 1 - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39871.D Sam Mult : 1 Vial# : 3 Qt On : 07/21/09 07:59
Acq On : 07/21/09 07:48 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-21-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.506	96	132967	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.074	117	99813	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.311	152	54068	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.097	111	50537	32.68	ug/l	-0.01
Spiked Amount 30.000			Recovery = 108.93%			
32) 1,2-Dichloroethane-d4	4.308	102	7728	29.58	ug/l	-0.01
Spiked Amount 30.000			Recovery = 98.60%			
56) Toluene-d8	5.329	100	71597	26.71	ug/l	-0.01
Spiked Amount 30.000			Recovery = 89.03%			
64) Bromofluorobenzene	6.686	174	58500	29.49	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.30%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.315	51	50589	19.60	ug/l	73
3) Dichlorodifluoromethane	1.315	85	26521	17.54	ug/l	94
4) Chloromethane	1.446	50	28405	19.16	ug/l	100
5) Bromomethane	1.776	94	24213	25.36	ug/l	93
6) Vinyl Chloride	1.522	62	29838	19.97	ug/l	91
7) Chloroethane	1.842	64	17950	21.78	ug/l	84
8) Trichlorofluoromethane	2.031	101	49299	20.50	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.410	101	25444	22.64	ug/l	84
10) Methylene Chloride	2.774	84	25339	16.85	ug/l	90
11) Acrolein	2.331	56	17653	80.39	ug/l	87
12) Acrylonitrile	2.951	53	6730	16.03	ug/l	99
13) Iodomethane	2.537	142	59104	19.60	ug/l	74
14) Acetone	2.449	43	37567	87.23	ug/l	97
15) Carbon Disulfide	2.587	76	75388	18.35	ug/l	100
16) t-Butyl Alcohol	2.853	59	13195	99.70	ug/l	81
17) n-Hexane	3.197	57	14502	17.03	ug/l	73
18) Di-isopropyl-ether	3.355	45	83002	17.67	ug/l	89
19) 1,1-Dichloroethene	2.410	61	50689	22.18	ug/l	98
20) Methyl Acetate	2.685	43	16875	16.44	ug/l	100
21) Methyl-t-butyl ether	2.981	73	79799	17.43	ug/l	89
22) 1,1-Dichloroethane	3.305	63	55904	20.55	ug/l	97
23) trans-1,2-Dichloroethene	2.981	96	30512	23.15	ug/l	87
24) cis-1,2-Dichloroethene	3.767	61	47829	18.60	ug/l	97
25) Bromochloromethane	3.941	49	21106	18.25	ug/l	70
26) 2,2-Dichloropropane	3.767	77	38056	17.85	ug/l	91
27) 1,4-Dioxane	4.890	88	14655	984.73	ug/l	94
28) 1,1-Dichloropropene	4.224	75	35545	19.09	ug/l	85
29) Chloroform	3.989	83	58227	20.78	ug/l	92
31) Cyclohexane	4.164	56	25642	17.22	ug/l	84
33) 1,2-Dichloroethane	4.356	62	49090	20.68	ug/l	95
34) 2-Butanone	3.773	43	9474	16.23	ug/l	81
35) 1,1,1-Trichloroethane	4.122	97	52794	21.71	ug/l	86
36) Carbon Tetrachloride	4.230	117	46385	22.58	ug/l	94
37) Vinyl Acetate	3.345	43	95437	18.61	ug/l	100
38) Bromodichloromethane	4.956	83	42941	19.47	ug/l	94
39) Methylcyclohexane	4.812	83	21395	18.79	ug/l	97
40) Dibromomethane	4.884	174	28100	20.57	ug/l	83
41) 1,2-Dichloropropane	4.818	63	23690	17.66	ug/l	81
42) Trichloroethene	4.704	130	34383	21.87	ug/l	89
43) Benzene	4.350	78	87045	21.11	ug/l	100
44) tert-Amyl methyl ether	4.404	73	66297	17.61	ug/l	81
46) Dibromochloromethane	5.773	129	31053	17.38	ug/l	95
47) 2-Chloroethylvinylether	5.101	63	13819	17.40	ug/l	83
48) cis-1,3-Dichloropropene	5.185	75	39258	16.62	ug/l	100
49) trans-1,3-Dichloropropene	5.467	75	40208	17.10	ug/l	94
50) 1,1,2-Trichloroethane	5.563	97	22309	17.50	ug/l	89
51) 1,2-Dibromoethane	5.846	107	28247	18.86	ug/l	92
52) 1,3-Dichloropropane	5.653	76	38462	17.56	ug/l	88
53) 4-Methyl-2-Pentanone	5.257	43	17606	15.38	ug/l	83
54) 2-Hexanone	5.677	43	12763	16.95	ug/l	89
55) Tetrachloroethene	5.653	164	24344	18.72	ug/l	94
57) Toluene	5.365	92	47870	17.65	ug/l	94
58) 1,1,1,2-Tetrachloroethane	6.128	133	26335	17.83	ug/l	95
59) Chlorobenzene	6.092	112	61878	17.67	ug/l	97
61) Bromoform	6.524	173	23021	17.68	ug/l	91
62) Ethylbenzene	6.140	106	29760	19.39	ug/l	79
63) 1,1,2,2-Tetrachloroethane	6.741	83	23512	17.26	ug/l	92
65) Styrene	6.410	104	69965	21.16	ug/l	84
66) m&p-Xylenes	6.194	106	78102	48.74	ug/l	92

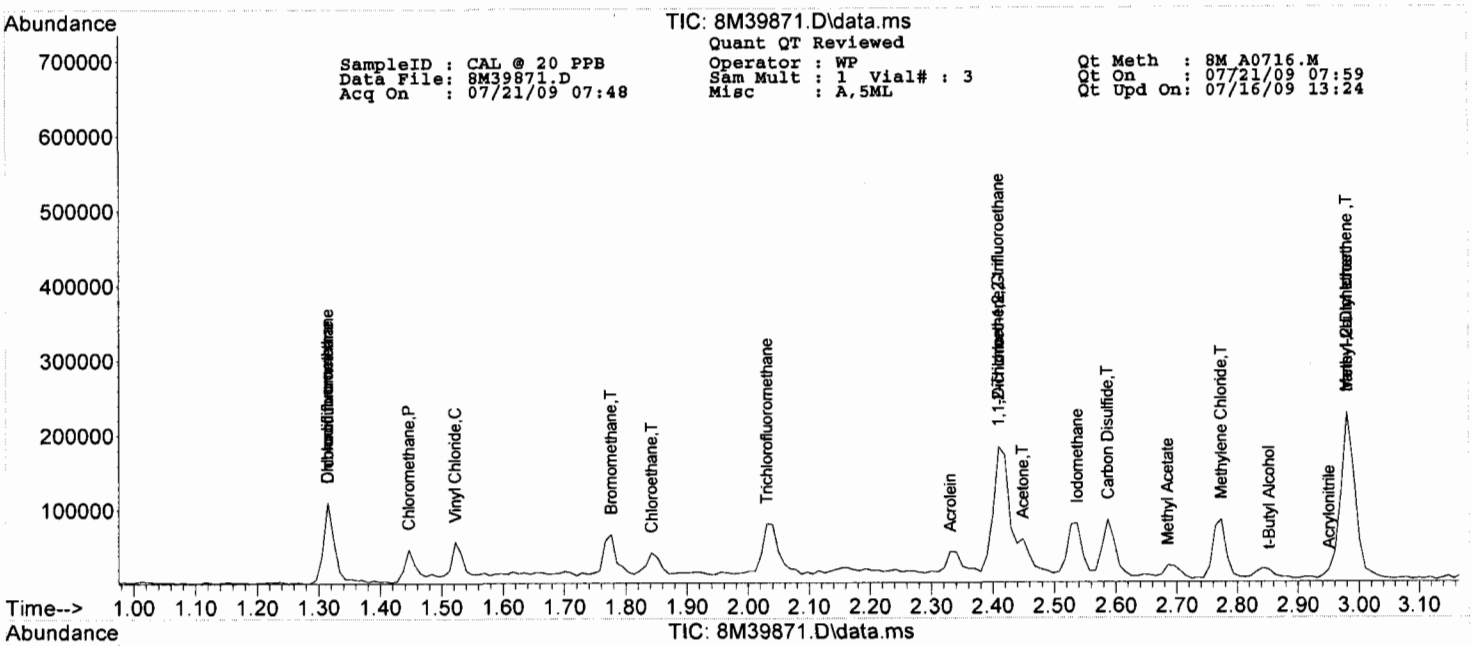
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39871.D Sam Mult : 1 Vial# : 3 Qt On : 07/21/09 07:59
Acq On : 07/21/09 07:48 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-21-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.404	106	35834	19.61 ug/l	76
68) trans-1,4-Dichloro-2-b...	6.771	53	7918	15.95 ug/l	51
69) 1,3-Dichlorobenzene	7.281	146	51777	21.30 ug/l	99
70) 1,4-Dichlorobenzene	7.329	146	52418	19.04 ug/l	92
71) 1,2-Dichlorobenzene	7.539	146	47425	18.60 ug/l	94
72) Isopropylbenzene	6.596	105	88521	20.37 ug/l	95
74) 1,2,3-Trichloropropane	6.777	75	31561	16.83 ug/l	97
75) 2-Chlorotoluene	6.873	91	79677	22.12 ug/l	91
76) p-Ethyltoluene	6.873	105	79523	20.61 ug/l	89
77) 4-Chlorotoluene	6.927	91	76270	21.60 ug/l	98
78) n-Propylbenzene	6.813	91	92735	19.69 ug/l	95
79) Bromobenzene	6.777	77	55462	21.81 ug/l	91
80) 1,3,5-Trimethylbenzene	6.897	105	66901	18.88 ug/l	93
81) t-Butylbenzene	7.083	119	59511	19.61 ug/l	81
82) 1,2,4-Trimethylbenzene	7.107	105	69240	19.07 ug/l	92
83) sec-Butylbenzene	7.203	105	71630	20.54 ug/l	95
84) 4-Isopropyltoluene	7.275	119	56322	18.62 ug/l	85
85) n-Butylbenzene	7.503	91	64929	18.16 ug/l	93
86) p-Diethylbenzene	7.485	119	35480	19.30 ug/l	94
87) 1,2,4,5-Tetramethylben...	7.930	119	51877	17.48 ug/l	88
88) 1,2-Dibromo-3-Chloropr...	7.972	157	6320	17.33 ug/l	75
89) Hexachlorobutadiene	8.549	225	17349	16.94 ug/l	89
90) 1,2,4-Trichlorobenzene	8.453	180	29080	17.84 ug/l	96
91) 1,2,3-Trichlorobenzene	8.747	180	27997	16.93 ug/l	93
92) Naphthalene	8.609	128	64018	18.35 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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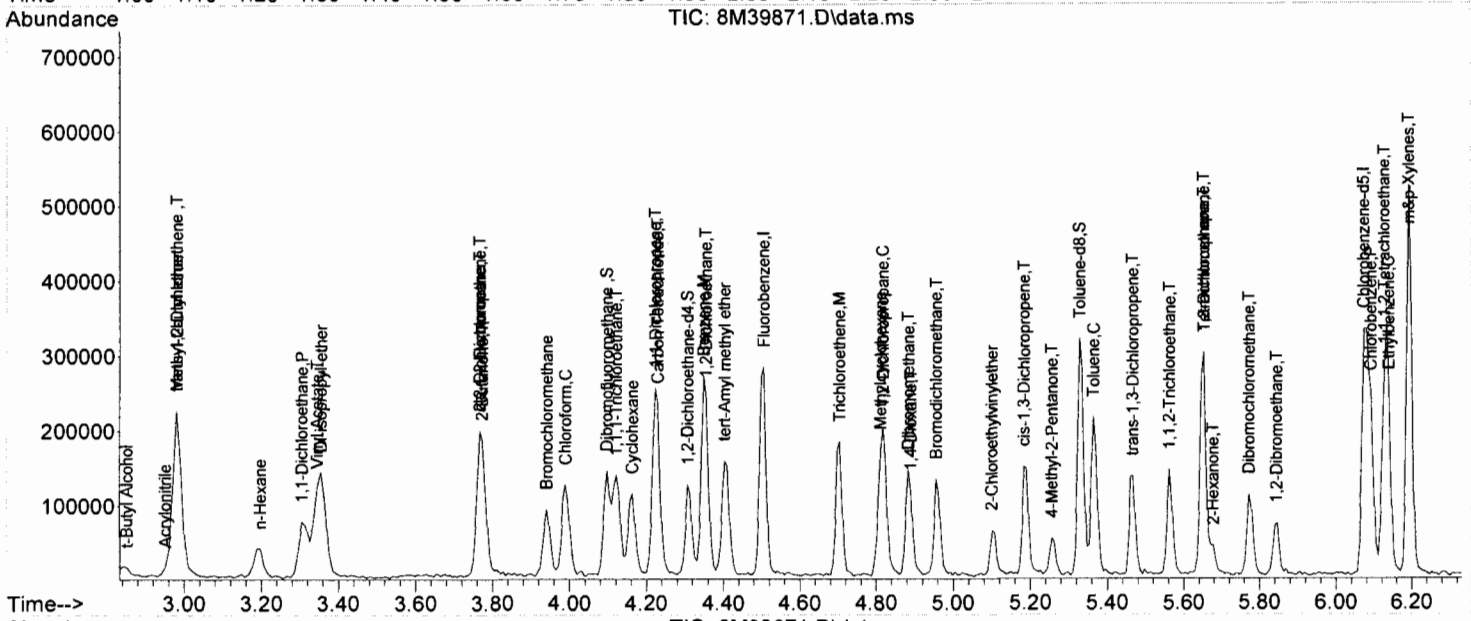
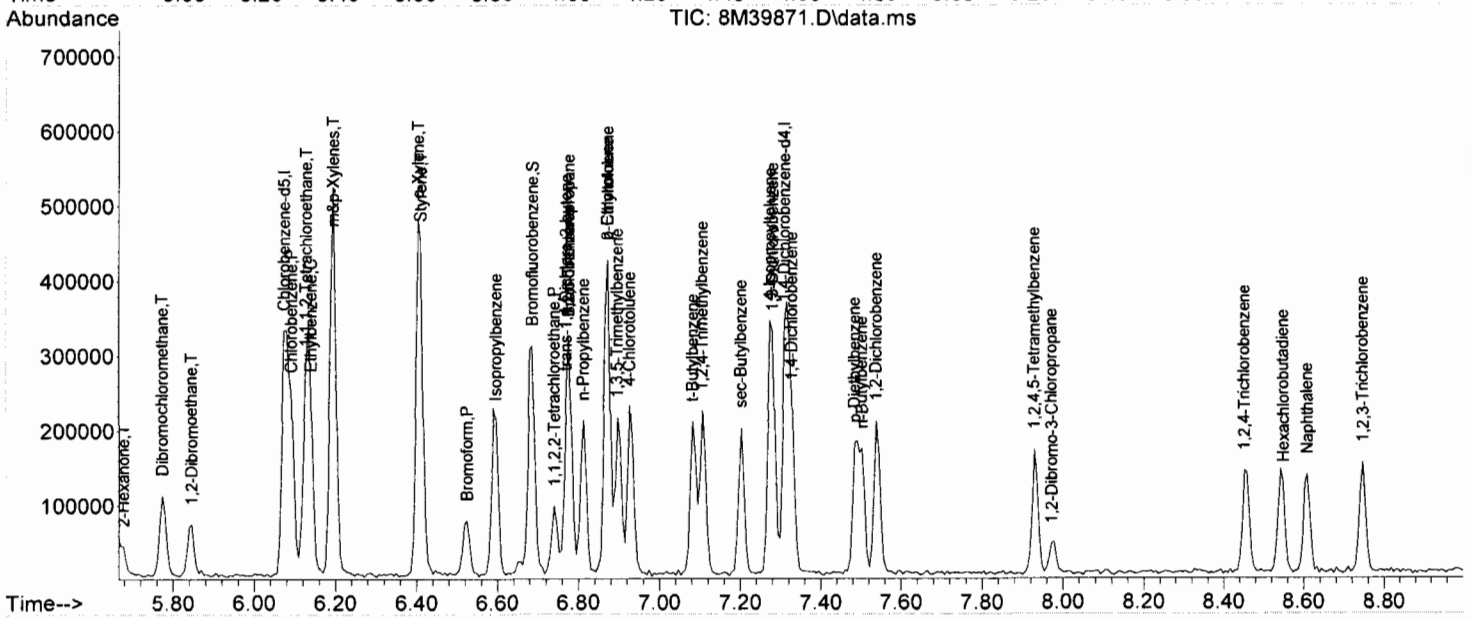
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 8M39871.D
Acq On : 07/21/09 07:48
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07721/09 07:59
Qt Upd On: 07/16/09 13:24
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39871.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
Toluene-d8,S
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Time-->


Abundance
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2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 8M39945.D **Instrument:** GCMS 8

Cont Calibration Date/Time 7/22/2009 9:22:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.50	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.31	23.03				0.582			
Dichlorodifluoromethane	1	0		1.31	20.24	20			0.341	0.345	1.20	
Chloromethane	1	0	CP	1.45	27.91	20	0.1		0.335	0.467	39.55	
Bromomethane	1	0		1.77	27.24	20			0.265	0.293	36.20	
Vinyl Chloride	1	0	CC	1.52	22.25	20	20		0.337	0.375	11.25	
Chloroethane	1	0		1.84	24.76	20			0.186	0.230	23.80	
Trichlorofluoromethane	1	0		2.03	21.52	20			0.542	0.584	7.60	
1,1,2-Trichloro-1,2,2-trifluoroetha	1	0		2.41	23.49	20			0.254	0.298	17.45	
Methylene Chloride	1	0		2.76	20.18	20			0.339	0.342	0.90	
Acrolein	1	0		2.33	86.08	100			0.050	0.043	13.92	
Acrylonitrile	1	0		2.95	18.73	20			0.095	0.089	6.35	
Iodomethane	1	0		2.53	18.08	20			0.680	0.615	9.60	
Acetone	1	0		2.45	92.54	100			0.097	0.090	7.46	
Carbon Disulfide	1	0		2.59	19.73	20			0.927	0.914	1.35	
t-Butyl Alcohol	1	0		2.84	96.39	100			0.039	0.029	3.61	
n-Hexane	1	0		3.19	21.35	20			0.211	0.205	6.75	
Di-isopropyl-ether	1	0		3.35	20.12	20			1.060	1.066	0.60	
1,1-Dichloroethene	1	0	CC	2.41	21.37	20	20		0.516	0.551	6.85	
Methyl Acetate	1	0		2.69	17.90	20			0.232	0.207	10.50	
Methyl-t-butyl ether	1	0		2.98	18.22	20			1.033	0.941	8.90	
1,1-Dichloroethane	1	0	CP	3.31	22.53	20	0.1		0.614	0.691	12.65	
trans-1,2-Dichloroethene	1	0		2.98	22.35	20			0.340	0.332	11.75	
cis-1,2-Dichloroethene	1	0		3.77	20.14	20			0.580	0.584	0.70	
Bromochloromethane	1	0		3.94	17.42	20			0.261	0.227	12.90	
2,2-Dichloropropane	1	0		3.77	22.16	20			0.481	0.533	10.80	
1,4-Dioxane	1	0		4.88	973.99	1000			0.003	0.003	2.60	
1,1-Dichloropropene	1	0		4.22	19.92	20			0.420	0.419	0.40	
Chloroform	1	0	CC	3.99	23.21	20	20		0.632	0.734	16.05	
Dibromofluoromethane	1	0	S	4.09	31.24	30			0.349	0.363	4.13	
Cyclohexane	1	0		4.16	18.48	20			0.336	0.310	7.60	
1,2-Dichloroethane-d4	1	0	S	4.31	26.00	30			0.059	0.051	13.33	
1,2-Dichloroethane	1	0		4.35	19.96	20			0.591	0.536	0.20	
2-Butanone	1	0		3.77	16.65	20			0.132	0.110	16.75	
1,1,1-Trichloroethane	1	0		4.12	21.05	20			0.549	0.577	5.25	
Carbon Tetrachloride	1	0		4.22	21.41	20			0.463	0.496	7.05	
Vinyl Acetate	1	0		3.34	18.82	20			1.157	1.089	5.90	
Bromodichloromethane	1	0		4.96	20.24	20			0.498	0.504	1.20	
Methylcyclohexane	1	0		4.81	18.90	20			0.257	0.243	5.50	
Dibromomethane	1	0		4.88	21.16	20			0.308	0.326	5.80	
1,2-Dichloropropane	1	0	CC	4.82	18.09	20	20		0.303	0.274	9.55	
Trichloroethene	1	0		4.70	19.56	20			0.355	0.347	2.20	
Benzene	1	0		4.35	22.58	20			1.120	1.050	12.90	
tert-Amyl methyl ether	1	0		0.00	0.00	20			0.850	0.000	100.00	
Chlorobenzene-d5	1	0	I	6.07	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.77	18.34	20			0.537	0.492	8.30	
2-Chloroethylvinylether	1	0		5.10	19.27	20			0.236	0.230	3.65	
cis-1,3-Dichloropropene	1	0		5.18	19.04	20			0.710	0.676	4.80	
trans-1,3-Dichloropropene	1	0		5.46	16.64	20			0.707	0.588	16.80	
1,1,2-Trichloroethane	1	0		5.56	17.87	20			0.383	0.343	10.65	
1,2-Dibromoethane	1	0		5.84	17.14	20			0.450	0.386	14.30	
1,3-Dichloropropane	1	0		5.65	16.85	20			0.658	0.554	15.75	
4-Methyl-2-Pentanone	1	0		5.26	18.33	20			0.344	0.315	8.35	
2-Hexanone	1	0		5.67	21.77	20			0.263	0.246	8.85	
Tetrachloroethene	1	0		5.65	19.33	20			0.391	0.378	3.35	
Toluene-d8	1	0	S	5.33	27.29	30			0.806	0.733	9.03	
Toluene	1	0	CC	5.37	19.38	20	20		0.815	0.790	3.10	
1,1,1,2-Tetrachloroethane	1	0		6.12	18.36	20			0.444	0.407	8.20	
Chlorobenzene	1	0	CP	6.09	19.07	20	0.3		1.053	1.004	4.65	
1,4-Dichlorobenzene-d4	1	0	I	7.31	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.52	18.76	20	0.1		0.723	0.678	6.20	
Ethylbenzene	1	0	CC	6.13	19.14	20	20		0.852	0.815	4.30	
1,1,2,2-Tetrachloroethane	1	0	CP	6.74	18.10	20	0.3		0.756	0.684	9.50	
Bromofluorobenzene	1	0	S	6.68	31.01	30			1.101	1.138	3.37	
Styrene	1	0		6.41	22.54	20			1.835	2.068	12.70	
m&p-Xylenes	1	0		6.19	48.58	40			1.053	1.080	21.45	
o-Xylene	1	0		6.40	22.87	20			1.014	1.160	14.35	
trans-1,4-Dichloro-2-butene	1	0		6.76	18.31	20			0.275	0.252	8.45	
1,3-Dichlorobenzene	1	0		7.28	21.08	20			1.349	1.422	5.40	
1,4-Dichlorobenzene	1	0		7.33	20.56	20			1.528	1.570	2.80	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 8M39945.D **Instrument:** GCMS 8

Cont Calibration Date/Time 7/22/2009 9:22:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		7.54	19.85	20			1.414	1.404	0.75	
Isopropylbenzene	1	0		6.59	21.05	20			2.411	2.539	5.25	
Cyclohexanone	1	0		6.66	82.33				0.027			
1,2,3-Trichloropropane	1	0		6.77	17.44	20			1.041	0.907	12.80	
2-Chlorotoluene	1	0		6.87	21.82	20			1.999	2.181	9.10	
p-Ethyltoluene	1	0		6.87	20.69				2.141			
4-Chlorotoluene	1	0		6.93	22.54	20			1.959	2.208	12.70	
n-Propylbenzene	1	0		6.81	20.32	20			2.613	2.655	1.60	
Bromobenzene	1	0		6.78	23.34	20			1.705	1.647	16.70	
1,3,5-Trimethylbenzene	1	0		6.90	18.39	20			1.966	1.808	8.05	
t-Butylbenzene	1	0		7.08	21.87	20			1.684	1.842	9.35	
1,2,4-Trimethylbenzene	1	0		7.11	19.43	20			2.015	1.957	2.85	
sec-Butylbenzene	1	0		7.20	21.55	20			1.935	2.085	7.75	
4-Isopropyltoluene	1	0		7.28	19.91	20			1.678	1.671	0.45	
n-Butylbenzene	1	0		7.50	18.63	20			1.984	1.848	6.85	
p-Diethylbenzene	1	0		7.49	18.66				1.020			
1,2,4,5-Tetramethylbenzene	1	0		7.93	17.17				1.647			
1,2-Dibromo-3-Chloropropane	1	0		7.98	20.79	20			0.202	0.210	3.95	
Hexachlorobutadiene	1	0		8.54	20.87	20			0.724	0.593	4.35	
1,2,4-Trichlorobenzene	1	0		8.46	20.24	20			0.904	0.915	1.20	
1,2,3-Trichlorobenzene	1	0		8.75	18.66	20			0.917	0.856	6.70	
Naphthalene	1	0		8.61	18.78	20			1.936	1.818	6.10	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	
1,2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 8M39945.D
Acq On : 07/22/09 09:22

Operator : WP
Sam Mult : 1 Vial# : 51
Misc : A,5ML!3

Qt Meth : 8M_A0716.M
Qt On : 07/22/09 09:43
Qt Upd On: 07/22/09 09:43

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.500	96	125049	30.00	ug/l	-0.01
45) Chlorobenzene-d5	6.074	117	94919	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.311	152	55187	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.092	111	45426	31.24	ug/l	-0.02
Spiked Amount 30.000			Recovery = 104.13%			
32) 1,2-Dichloroethane-d4	4.308	102	6389	26.00	ug/l	-0.01
Spiked Amount 30.000			Recovery = 86.67%			
56) Toluene-d8	5.329	100	69551	27.29	ug/l	-0.01
Spiked Amount 30.000			Recovery = 90.97%			
64) Bromofluorobenzene	6.681	174	62787	31.01	ug/l	-0.01
Spiked Amount 30.000			Recovery = 103.37%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.315	51	55917	23.03	ug/l	72
3) Dichlorodifluoromethane	1.315	85	28792	20.24	ug/l	99
4) Chloromethane	1.447	50	38912	27.91	ug/l	94
5) Bromomethane	1.767	94	24460	27.24	ug/l	90
6) Vinyl Chloride	1.522	62	31261	22.25	ug/l	94
7) Chloroethane	1.842	64	19188	24.76	ug/l	93
8) Trichlorofluoromethane	2.031	101	48654	21.52	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.409	101	24834	23.49	ug/l	86
10) Methylene Chloride	2.764	84	28544	20.18	ug/l	80
11) Acrolein	2.331	56	17776	86.08	ug/l	65
12) Acrylonitrile	2.951	53	7394	18.73	ug/l	100
13) Iodomethane	2.527	142	51291	18.08	ug/l	70
14) Acetone	2.449	43	37479	92.54	ug/l	94
15) Carbon Disulfide	2.587	76	76227	19.73	ug/l	100
16) t-Butyl Alcohol	2.843	59	11997	96.39	ug/l	82
17) n-Hexane	3.187	57	17101	21.35	ug/l	84
18) Di-isopropyl-ether	3.354	45	88901	20.12	ug/l	94
19) 1,1-Dichloroethene	2.409	61	45920	21.37	ug/l	92
20) Methyl Acetate	2.685	43	17281	17.90	ug/l	100
21) Methyl-t-butyl ether	2.980	73	78481	18.22	ug/l	93
22) 1,1-Dichloroethane	3.305	63	57621	22.53	ug/l	97
23) trans-1,2-Dichloroethene	2.980	96	27706	22.35	ug/l	92
24) cis-1,2-Dichloroethene	3.767	61	48715	20.14	ug/l	86
25) Bromochloromethane	3.935	49	18955	17.42	ug/l	81
26) 2,2-Dichloropropane	3.767	77	44450	22.16	ug/l	87
27) 1,4-Dioxane	4.885	88	13632	973.99	ug/l	75
28) 1,1-Dichloropropene	4.224	75	34892	19.92	ug/l	86
29) Chloroform	3.989	83	61168	23.21	ug/l	88
31) Cyclohexane	4.158	56	25881	18.48	ug/l	87
33) 1,2-Dichloroethane	4.350	62	44703	19.96	ug/l	97
34) 2-Butanone	3.773	43	9142	16.65	ug/l	100
35) 1,1,1-Trichloroethane	4.116	97	48131	21.05	ug/l	96
36) Carbon Tetrachloride	4.224	117	41358	21.41	ug/l	89
37) Vinyl Acetate	3.345	43	90765	18.82	ug/l	100
38) Bromodichloromethane	4.957	83	41983	20.24	ug/l	93
39) Methylcyclohexane	4.806	83	20237	18.90	ug/l	96
40) Dibromomethane	4.885	174	27195	21.16	ug/l	82
41) 1,2-Dichloropropane	4.818	63	22821	18.09	ug/l	94
42) Trichloroethene	4.698	130	28914	19.56	ug/l	85
43) Benzene	4.350	78	87566	22.58	ug/l	100
46) Dibromochloromethane	5.774	129	31160	18.34	ug/l	85
47) 2-Chloroethylvinylether	5.101	63	14554	19.27	ug/l	93
48) cis-1,3-Dichloropropene	5.185	75	42772	19.04	ug/l	93
49) trans-1,3-Dichloropropene	5.461	75	37192	16.64	ug/l	97
50) 1,1,2-Trichloroethane	5.563	97	21675	17.87	ug/l	92
51) 1,2-Dibromoethane	5.840	107	24416	17.14	ug/l	83
52) 1,3-Dichloropropane	5.653	76	35081	16.85	ug/l	93
53) 4-Methyl-2-Pentanone	5.257	43	19959	18.33	ug/l	94
54) 2-Hexanone	5.671	43	15588	21.77	ug/l	84
55) Tetrachloroethene	5.647	164	23898	19.33	ug/l	87
57) Toluene	5.365	92	49985	19.38	ug/l	94
58) 1,1,1,2-Tetrachloroethane	6.122	133	25777	18.36	ug/l	97
59) Chlorobenzene	6.086	112	63533	19.07	ug/l	94
61) Bromoform	6.524	173	24932	18.76	ug/l	90
62) Ethylbenzene	6.134	106	29984	19.14	ug/l	85
63) 1,1,2,2-Tetrachloroethane	6.741	83	25173	18.10	ug/l	94
65) Styrene	6.410	104	76076	22.54	ug/l	91
66) m&p-Xylenes	6.194	106	79464	48.58	ug/l	100
67) o-Xylene	6.404	106	42663	22.87	ug/l	88

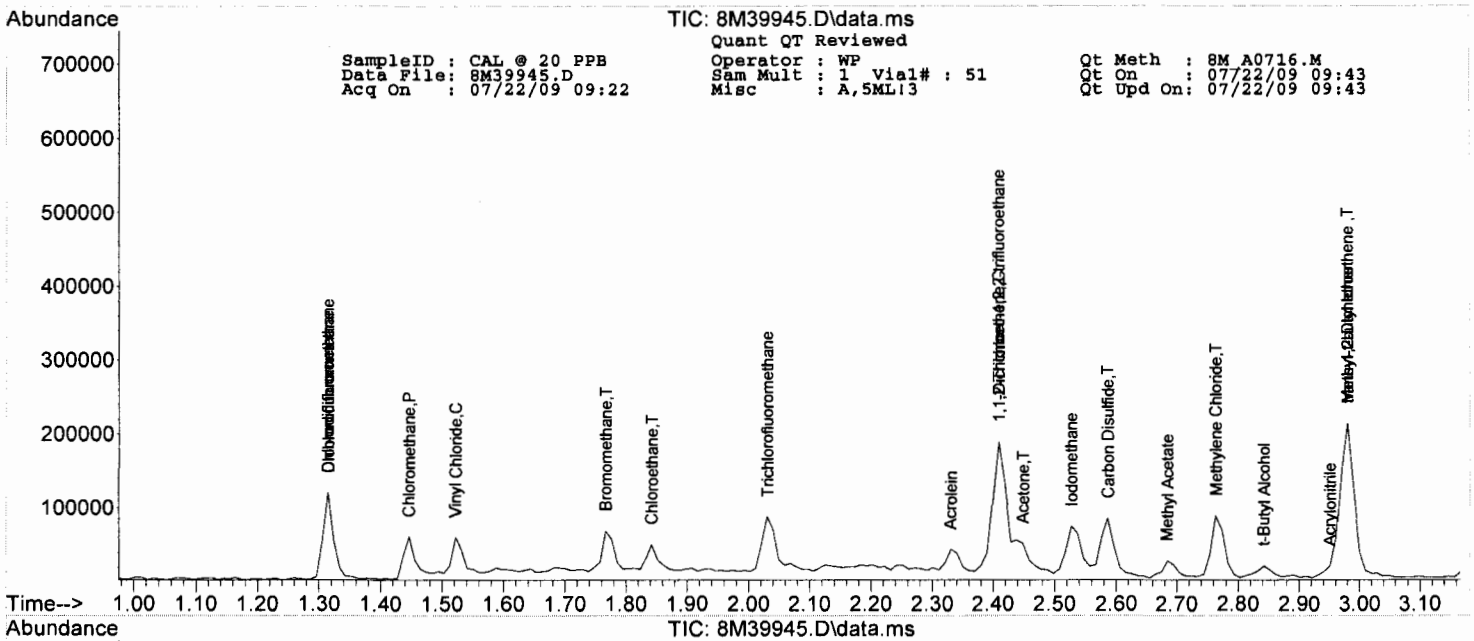
Quantitation Report (QT Reviewed)

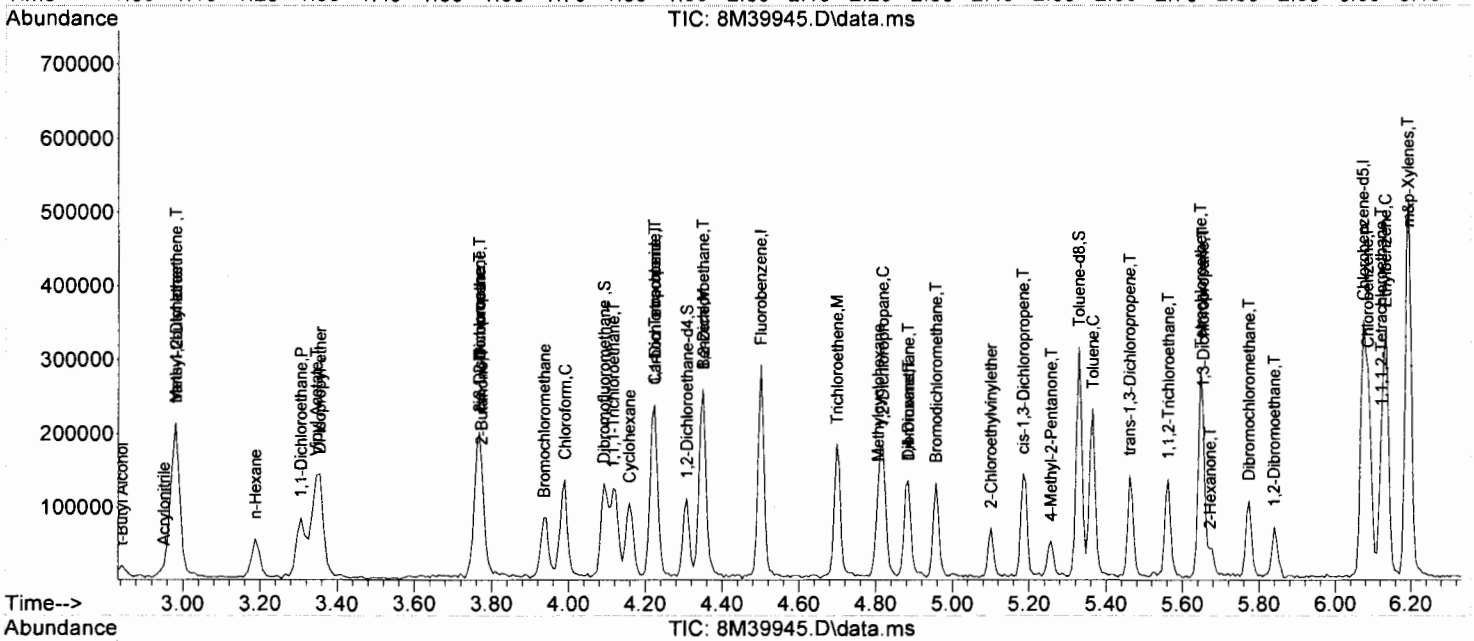
SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39945.D Sam Mult : 1 Vial# : 51 Qt On : 07/22/09 09:43
Acq On : 07/22/09 09:22 Misc : A,5ML!3 Qt Upd On: 07/22/09 09:43

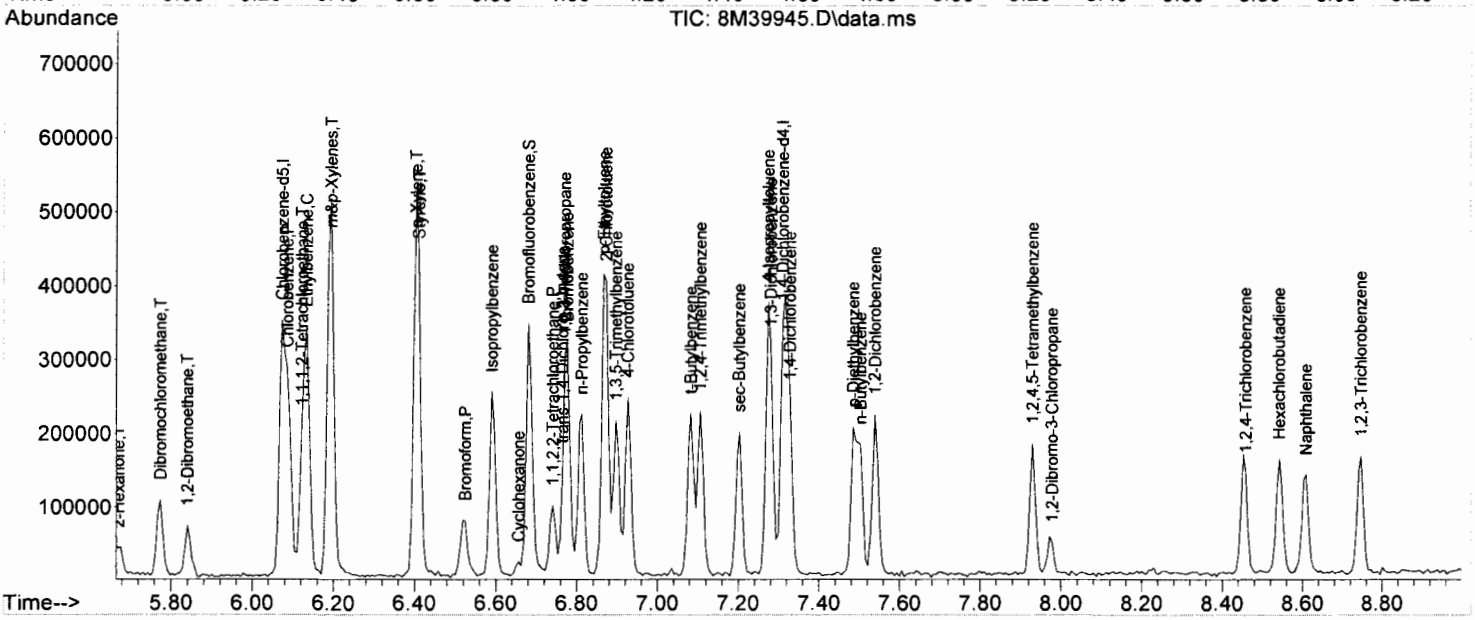
Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	6.765	53	9275	18.31 ug/l	40
69) 1,3-Dichlorobenzene	7.281	146	52314	21.08 ug/l	92
70) 1,4-Dichlorobenzene	7.329	146	57773	20.56 ug/l	91
71) 1,2-Dichlorobenzene	7.540	146	51654	19.85 ug/l	97
72) Isopropylbenzene	6.590	105	93395	21.05 ug/l	96
73) Cyclohexanone	6.657	55	3558	82.33 ug/l	94
74) 1,2,3-Trichloropropane	6.771	75	33379	17.44 ug/l	96
75) 2-Chlorotoluene	6.873	91	80232	21.82 ug/l	98
76) p-Ethyltoluene	6.867	105	81475	20.69 ug/l	100
77) 4-Chlorotoluene	6.927	91	81232	22.54 ug/l	96
78) n-Propylbenzene	6.813	91	97684	20.32 ug/l	98
79) Bromobenzene	6.777	77	60603	23.34 ug/l	92
80) 1,3,5-Trimethylbenzene	6.897	105	66519	18.39 ug/l	89
81) t-Butylbenzene	7.083	119	67761	21.87 ug/l	86
82) 1,2,4-Trimethylbenzene	7.107	105	72012	19.43 ug/l	89
83) sec-Butylbenzene	7.203	105	76717	21.55 ug/l	100
84) 4-Isopropyltoluene	7.275	119	61472	19.91 ug/l	93
85) n-Butylbenzene	7.504	91	67994	18.63 ug/l	96
86) p-Diethylbenzene	7.486	119	35022	18.66 ug/l	92
87) 1,2,4,5-Tetramethylben...	7.930	119	52008	17.17 ug/l	95
88) 1,2-Dibromo-3-Chloropr...	7.978	157	7738	20.79 ug/l	89
89) Hexachlorobutadiene	8.543	225	21815	20.87 ug/l	93
90) 1,2,4-Trichlorobenzene	8.459	180	33675	20.24 ug/l	96
91) 1,2,3-Trichlorobenzene	8.747	180	31492	18.66 ug/l	92
92) Naphthalene	8.609	128	66870	18.78 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39945.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 8M39945.D
Acq On : 07/22/09 09:22
Operator : WP
Sam Mult : 1 Vial# : 51
Misc : A,5ML;3
Qt Meth : 8M_A0716.M
Qt On : 07/22/09 09:43
Qt Upd On: 07/22/09 09:43
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39945.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->


Abundance
TIC: 8M39945.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 2
Data File: 2M43481.D
Analysis Date: 06/30/09 12:25
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.236 to 4.256 min

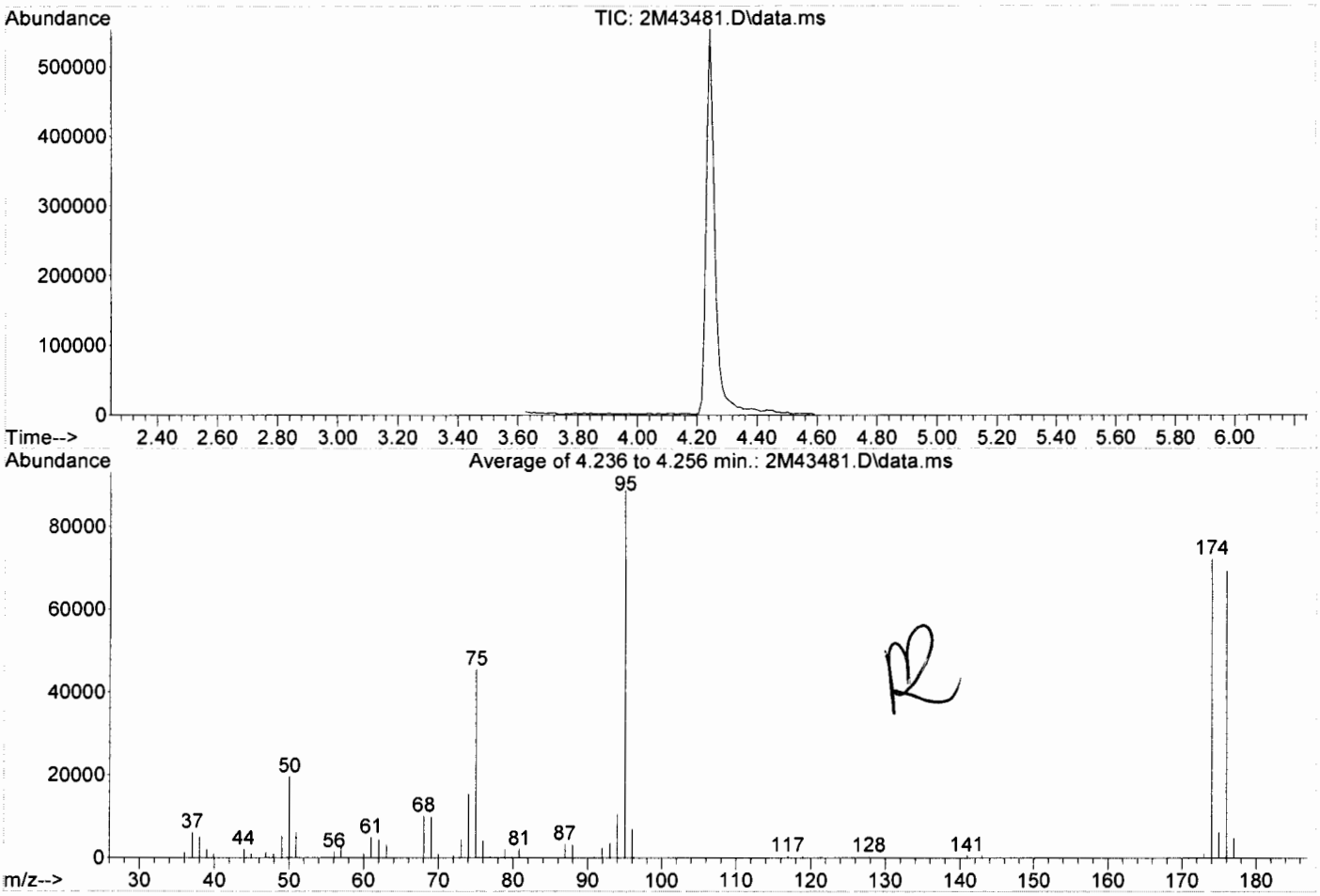
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.1	19624	PASS
75	95	30	60	51.4	45560	PASS
95	95	100	100	100.0	88640	PASS
96	95	5	9	7.9	7033	PASS
173	174	0.00	2	1.5	1069	PASS
174	95	50	100	81.4	72141	PASS
175	174	5	9	8.7	6259	PASS
176	174	95	101	96.0	69288	PASS
177	176	5	9	6.9	4813	PASS

Data File	Sample Number	Analysis Date:
2M43482.D	PREP BLK	06/30/09 12:42
2M43483.D	1 PPB	06/30/09 12:58
2M43484.D	CAL @ 0.5 PPB	06/30/09 13:18
2M43485.D	CAL @ 500 PPB	06/30/09 13:36
2M43486.D	CAL @ 250 PPB	06/30/09 13:53
2M43487.D	CAL @ 100 PPB	06/30/09 14:09
2M43488.D	CAL @ 50 PPB	06/30/09 14:25
2M43489.D	CAL @ 20 PPB	06/30/09 14:41
2M43490.D	CAL @ 10 PPB	06/30/09 14:57
2M43491.D	CAL @ 5 PPB	06/30/09 15:13
2M43492.D	BLK	06/30/09 15:55
2M43493.D	BLK	06/30/09 16:11
2M43496.D	CAL @ 1 PPB	06/30/09 17:00
2M43497.D	ICV	06/30/09 17:16
2M43498.D	ICV	06/30/09 17:31
2M43499.D	BLK	06/30/09 17:47
2M43500.D	DAILY BLANK	06/30/09 18:03
2M43501.D	DAILY BLANK	06/30/09 18:19
2M43502.D	MBS12806	06/30/09 18:35
2M43503.D	MBS12807	06/30/09 18:52
2M43504.D	BLK	06/30/09 19:08
2M43505.D	BLK	06/30/09 19:24

Data Path : G:\GcMsData\2009\GCMS_2\Data\06-30-09\
Data File : 2M43481.D
Acq On : 30 Jun 2009 12:25
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 62 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_2\MethodQt\2M_A0526.M
Title : @GCMS_2,ug,624,8260
Last Update : Wed May 27 07:52:27 2009



Spectrum Information: Average of 4.236 to 4.256 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.1	19624	PASS
75	95	30	60	51.4	45560	PASS
95	95	100	100	100.0	88640	PASS
96	95	5	9	7.9	7033	PASS
173	174	0.00	2	1.5	1069	PASS
174	95	50	100	81.4	72141	PASS
175	174	5	9	8.7	6259	PASS
176	174	95	101	96.0	69288	PASS
177	176	5	9	6.9	4813	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M47010.D
Analysis Date: 07/15/09 10:51
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.444 to 4.463 min

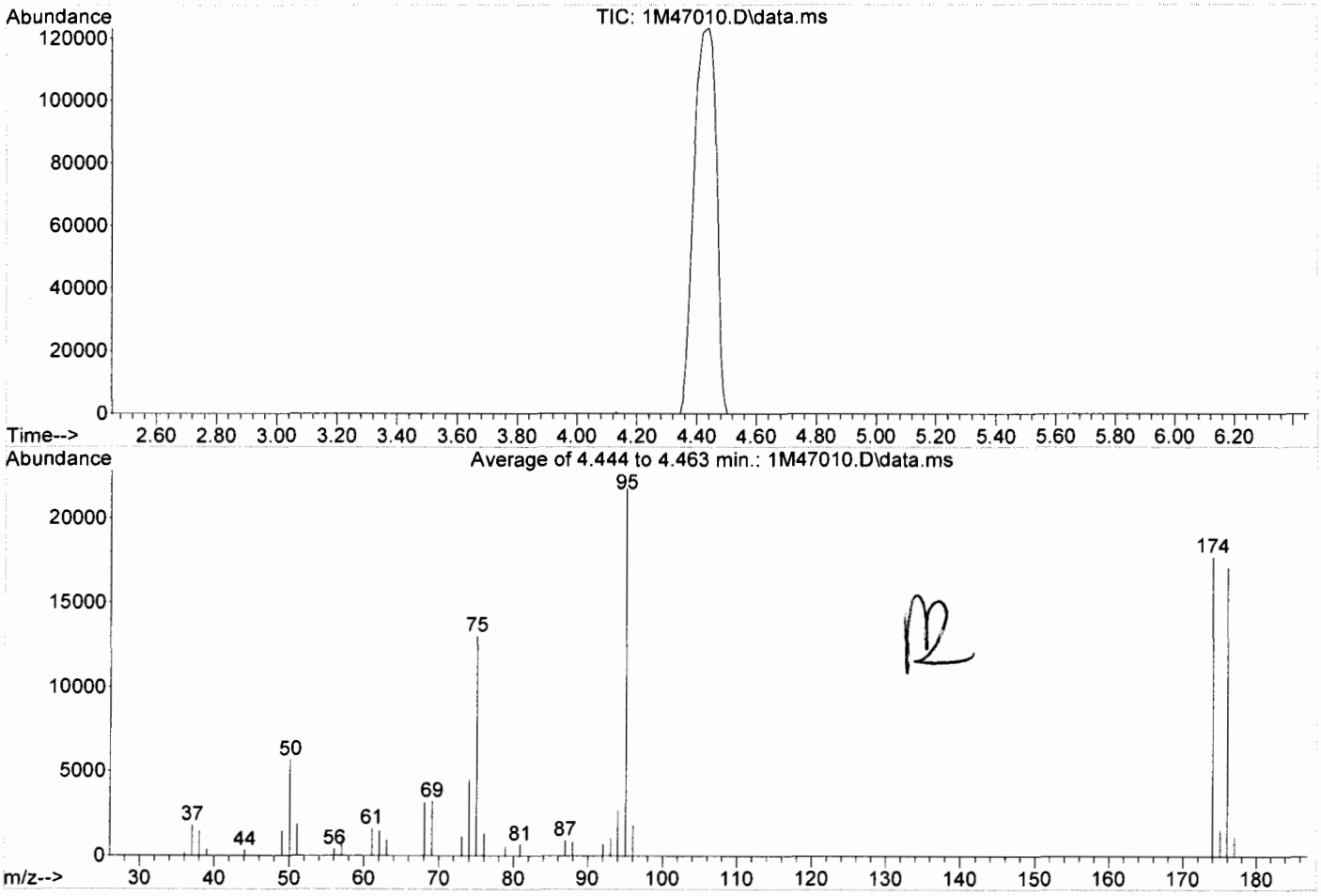
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.2	5691	PASS
75	95	30	60	60.0	13026	PASS
95	95	100	100	100.0	21720	PASS
96	95	5	9	8.3	1805	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.6	17731	PASS
175	174	5	9	8.8	1555	PASS
176	174	95	101	96.5	17107	PASS
177	176	5	9	6.7	1146	PASS

Data File	Sample Number	Analysis Date:
1M47011.D	CAL @ 0.5 PPB	07/15/09 11:01
1M47012.D	CAL @ 1 PPB	07/15/09 11:18
1M47013.D	CAL @ 500 PPB	07/15/09 11:35
1M47014.D	CAL @ 250 PPB	07/15/09 11:52
1M47015.D	CAL @ 100 PPB	07/15/09 12:09
1M47016.D	CAL @ 50 PPB	07/15/09 12:27
1M47017.D	CAL @ 20 PPB	07/15/09 12:44
1M47018.D	CAL @ 10 PPB	07/15/09 13:01
1M47019.D	CAL @ 5 PPB	07/15/09 13:18
1M47020.D	BLK	07/15/09 13:35
1M47021.D	STDTEST	07/15/09 13:57
1M47022.D	BLK	07/15/09 14:14
1M47023.D	ICV	07/15/09 14:40
1M47024.D	BLK	07/15/09 14:57
1M47025.D	DAILY BLANK	07/15/09 15:14
1M47026.D	MBS12786	07/15/09 15:31
1M47027.D	AC45650-003(MS)	07/15/09 15:50
1M47028.D	MBS12788	07/15/09 16:07
1M47029.D	AC45650-003(MSD	07/15/09 16:24
1M47030.D	BLK	07/15/09 16:41
1M47031.D	BLK	07/15/09 16:58

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-15-09\
Data File : 1M47010.D
Acq On : 15 Jul 2009 10:51
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0709.M
Title : @GCMS_1,ug,624,8260
Last Update : Mon Jul 13 08:39:45 2009



Spectrum Information: Average of 4.444 to 4.463 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.2	5691	PASS
75	95	30	60	60.0	13026	PASS
95	95	100	100	100.0	21720	PASS
96	95	5	9	8.3	1805	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.6	17731	PASS
175	174	5	9	8.8	1555	PASS
176	174	95	101	96.5	17107	PASS
177	176	5	9	6.7	1146	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M47033.D
Analysis Date: 07/16/09 06:47
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.451 to 4.461 min

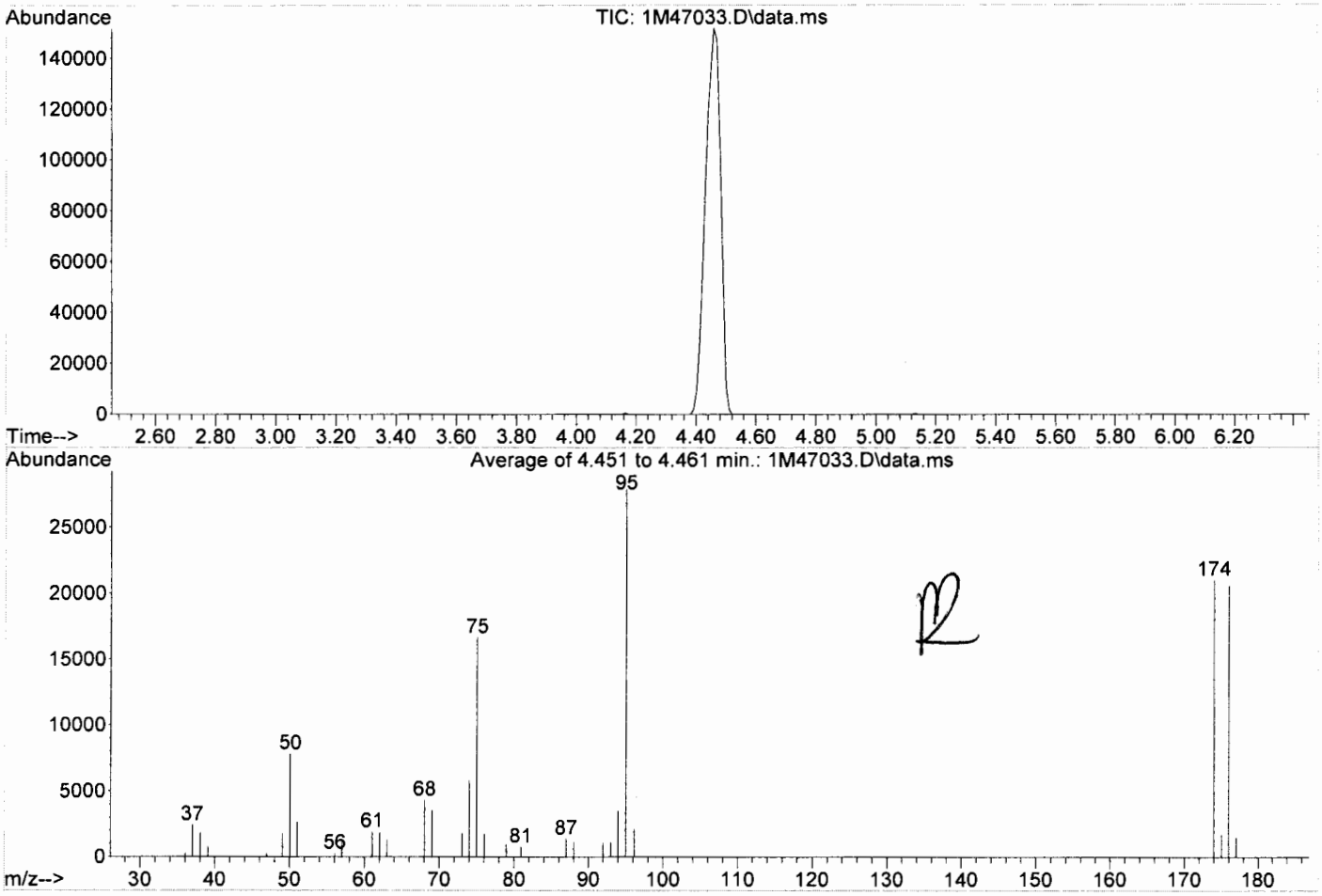
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	28.1	7822	PASS
75	95	30	60	59.9	16680	PASS
95	95	100	100	100.0	27860	PASS
96	95	5	9	7.6	2127	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	75.4	20996	PASS
175	174	5	9	8.3	1736	PASS
176	174	95	101	98.0	20584	PASS
177	176	5	9	7.3	1500	PASS

Data File	Sample Number	Analysis Date:
1M47034.D	CAL @ 50 PPB	07/16/09 07:01
1M47035.D	BLK	07/16/09 07:21
1M47036.D	DAILY BLANK	07/16/09 07:38
1M47037.D	AC45615-002	07/16/09 08:02
1M47038.D	AC45615-006	07/16/09 08:19
1M47039.D	AC45769-005	07/16/09 08:36
1M47040.D	MBS12791	07/16/09 08:59
1M47041.D	BLK	07/16/09 09:16
1M47042.D	AC45769-006(5X)	07/16/09 09:33
1M47043.D	AC45769-008(5X)	07/16/09 09:50
1M47044.D	BLK	07/16/09 10:08
1M47045.D	AC45769-001(5X)	07/16/09 10:25
1M47046.D	AC45769-007(5X)	07/16/09 10:42
1M47047.D	BLK	07/16/09 11:03
1M47048.D	BLK	07/16/09 11:20
1M47049.D	AC45774-001	07/16/09 11:37
1M47050.D	AC45774-002	07/16/09 11:54
1M47051.D	AC45769-005	07/16/09 12:11
1M47052.D	AC45774-003	07/16/09 12:28
1M47053.D	AC45774-004	07/16/09 12:46
1M47054.D	AC45774-005	07/16/09 13:03
1M47055.D	AC45774-006(MS:	07/16/09 13:20
1M47056.D	AC45774-007(MSD	07/16/09 13:37
1M47057.D	AC45774-015	07/16/09 13:54
1M47058.D	AC45788-004	07/16/09 14:11
1M47059.D	AC45788-008	07/16/09 14:28
1M47060.D	BLK	07/16/09 14:47
1M47061.D	BLK	07/16/09 15:04
1M47062.D	45769-007	07/16/09 15:21
1M47063.D	BLK	07/16/09 15:38
1M47064.D	BLK	07/16/09 15:56
1M47065.D	BLK	07/16/09 16:13
1M47066.D	BLK	07/16/09 16:30
1M47067.D	BLK	07/16/09 16:47
1M47068.D	BLK	07/16/09 17:04
1M47069.D	BLK	07/16/09 17:21
1M47070.D	BLK	07/16/09 17:38
1M47071.D	BLK	07/16/09 17:55

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Data File : 1M47033.D
Acq On : 16 Jul 2009 6:47
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_1\MethodQt\1M_S0715.M
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 15 15:28:46 2009



Spectrum Information: Average of 4.451 to 4.461 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	28.1	7822	PASS
75	95	30	60	59.9	16680	PASS
95	95	100	100	100.0	27860	PASS
96	95	5	9	7.6	2127	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	75.4	20996	PASS
175	174	5	9	8.3	1736	PASS
176	174	95	101	98.0	20584	PASS
177	176	5	9	7.3	1500	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 8
Data File: 8M39688.D
Analysis Date: 07/16/09 08:14
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.488 to 4.528 min

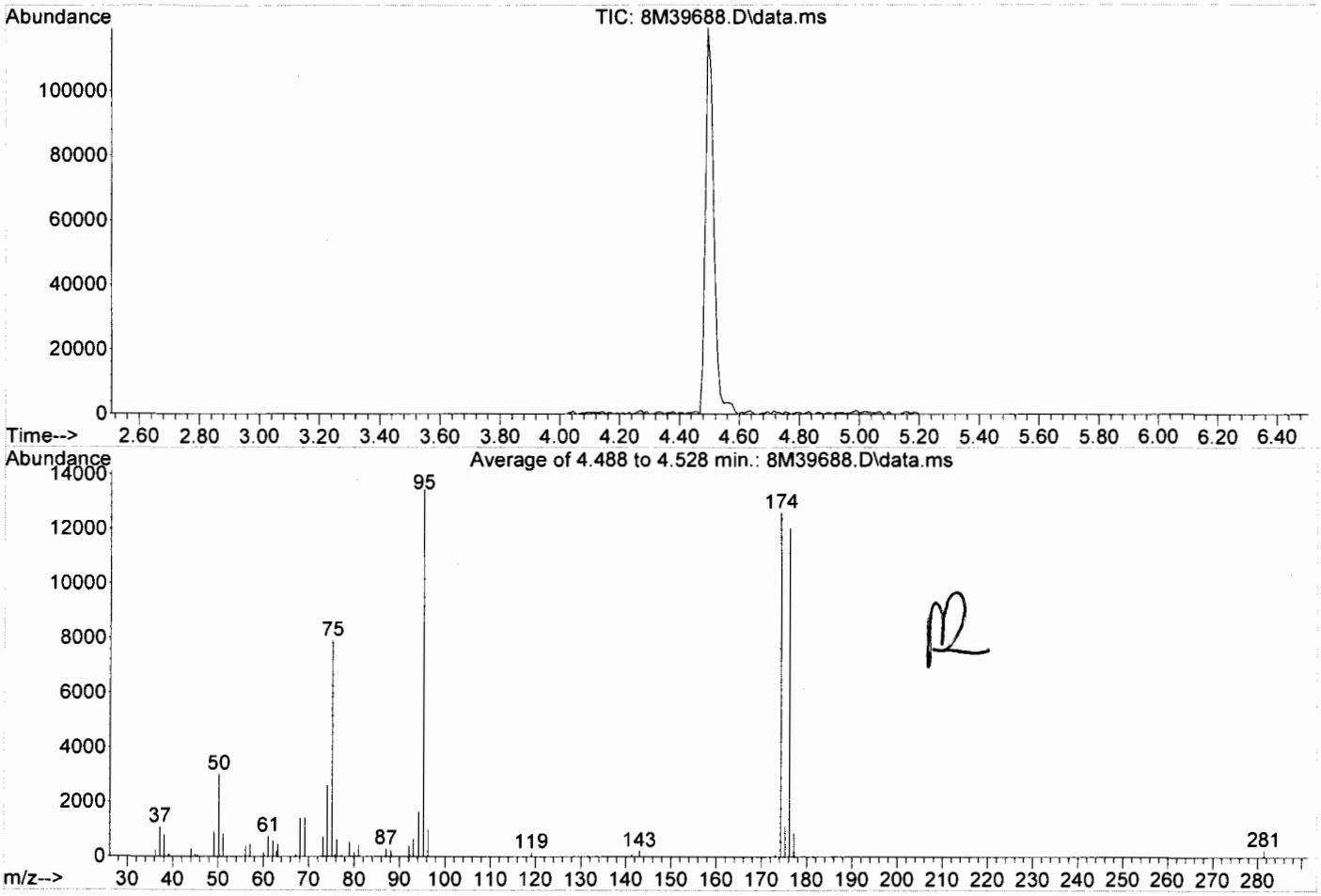
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.5	3021	PASS
75	95	30	60	58.9	7915	PASS
95	95	100	100	100.0	13442	PASS
96	95	5	9	7.3	981	PASS
173	174	0.00	2	0.6	72	PASS
174	95	50	100	93.6	12588	PASS
175	174	5	9	8.8	1111	PASS
176	174	95	101	95.5	12020	PASS
177	176	5	9	7.3	873	PASS

Data File	Sample Number	Analysis Date:
8M39689.D	BLK	07/16/09 08:39
8M39690.D	CAL @ 1 PPB	07/16/09 08:57
8M39691.D	CAL @ 0.5 PPB	07/16/09 09:16
8M39692.D	CAL @ 5 PPB	07/16/09 09:34
8M39693.D	CAL @ 500 PPB	07/16/09 09:50
8M39694.D	CAL @ 250 PPB	07/16/09 10:07
8M39695.D	CAL @ 100 PPB	07/16/09 10:23
8M39696.D	CAL @ 50 PPB	07/16/09 10:40
8M39697.D	CAL @ 20 PPB	07/16/09 10:56
8M39698.D	CAL @ 10 PPB	07/16/09 11:12
8M39699.D	BLK	07/16/09 11:30
8M39700.D	STDTEST	07/16/09 11:47
8M39701.D	BLK	07/16/09 12:04
8M39702.D	ICV	07/16/09 12:20
8M39703.D	BLK	07/16/09 12:36
8M39704.D	DAILY BLANK	07/16/09 12:52
8M39705.D	DAILY BLANK	07/16/09 13:09
8M39706.D	AC45788-007	07/16/09 13:26
8M39707.D	AC45788-008	07/16/09 13:42
8M39708.D	AC45788-010	07/16/09 13:58
8M39709.D	AC45788-009(80uL	07/16/09 14:15
8M39710.D	MBS12793	07/16/09 14:31
8M39711.D	ICV 100	07/16/09 15:04
8M39712.D	MBS12794	07/16/09 15:20
8M39713.D	AC45774-008	07/16/09 15:36
8M39714.D	AC45774-009(MS:	07/16/09 15:52
8M39715.D	AC45774-010(MSD	07/16/09 16:09
8M39716.D	AC45774-011	07/16/09 16:25
8M39717.D	AC45774-012	07/16/09 16:41
8M39718.D	AC45774-013	07/16/09 16:58
8M39719.D	AC45774-016	07/16/09 17:14
8M39720.D	AC45774-017	07/16/09 17:30
8M39721.D	AC45774-018	07/16/09 17:46
8M39722.D	AC45774-019	07/16/09 18:03
8M39723.D	AC45774-020	07/16/09 18:19
8M39724.D	AC45774-014	07/16/09 18:35
8M39725.D	AC45774-022	07/16/09 18:51
8M39726.D	AC45783-002	07/16/09 19:07
8M39727.D	AC45788-001	07/16/09 19:24
8M39728.D	AC45788-002	07/16/09 19:40
8M39729.D	BLK	07/16/09 19:56
8M39730.D	BLK	07/16/09 20:12
8M39731.D	BLK	07/16/09 20:29
8M39732.D	BLK	07/16/09 20:45
8M39733.D	BLK	07/16/09 21:01
8M39734.D	BLK	07/16/09 21:17
8M39735.D	BLK	07/16/09 21:34
8M39736.D	BLK	07/16/09 21:50
8M39737.D	BLK	07/16/09 22:06
8M39738.D	BLK	07/16/09 22:23

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Data File : 8M39688.D
Acq On : 16 Jul 2009 8:14
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 5 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_8\MethodQt\8M_A0701.M
Title : @GCMS_8,ug,624,8260
Last Update : Wed Jul 01 11:20:42 2009



Spectrum Information: Average of 4.488 to 4.528 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.5	3021	PASS
75	95	30	60	58.9	7915	PASS
95	95	100	100	100.0	13442	PASS
96	95	5	9	7.3	981	PASS
173	174	0.00	2	0.6	72	PASS
174	95	50	100	93.6	12588	PASS
175	174	5	9	8.8	1111	PASS
176	174	95	101	95.5	12020	PASS
177	176	5	9	7.3	873	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 8
Data File: 8M39739.D
Analysis Date: 07/17/09 05:15
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.507 to 4.527 min

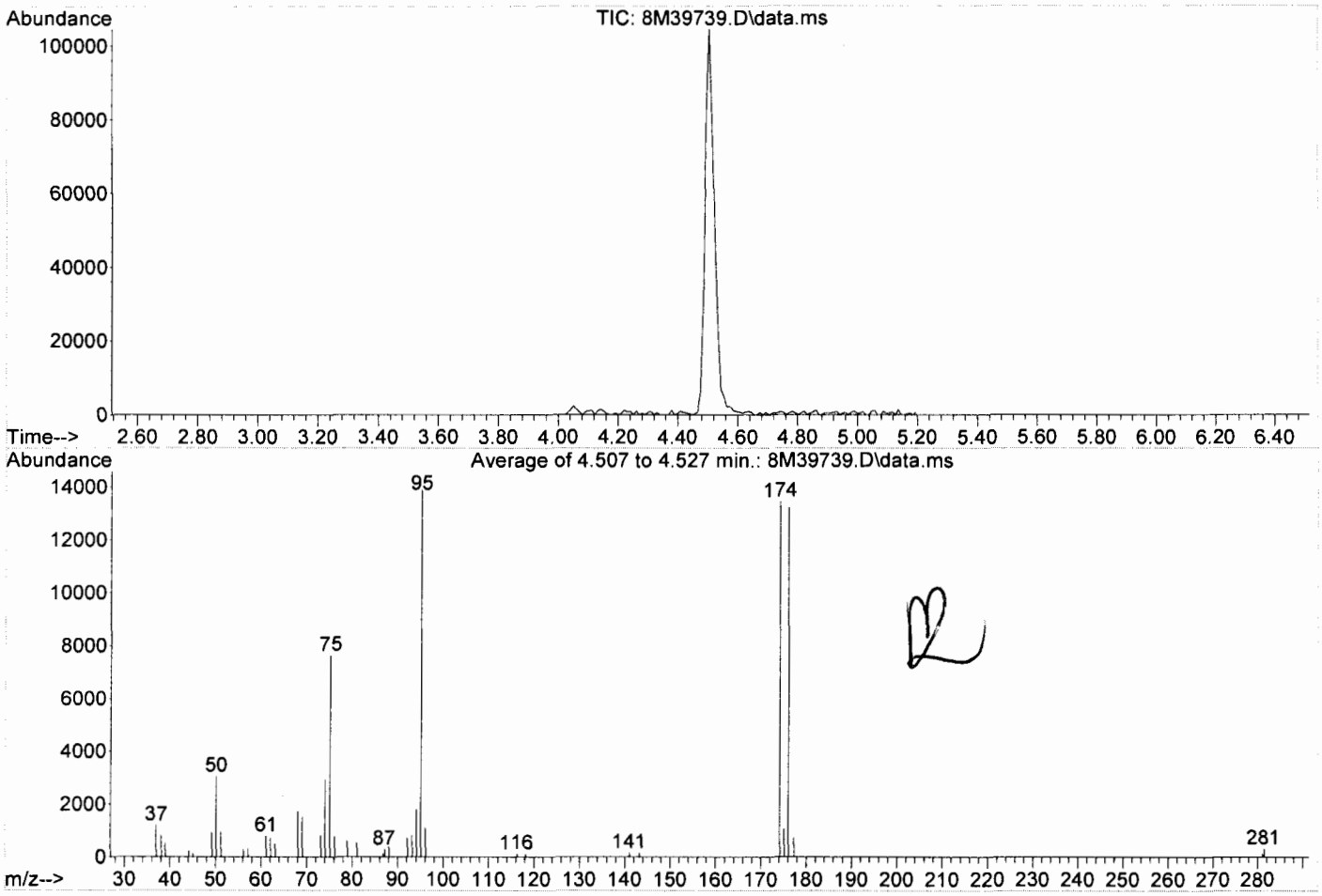
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.1	3065	PASS
75	95	30	60	54.9	7625	PASS
95	95	100	100	100.0	13884	PASS
96	95	5	9	8.2	1136	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.9	13451	PASS
175	174	5	9	8.0	1077	PASS
176	174	95	101	98.4	13237	PASS
177	176	5	9	5.6	739	PASS

Data File	Sample Number	Analysis Date:
8M39740.D	CAL @ 20 PPB	07/17/09 05:35
8M39741.D	BLK	07/17/09 05:57
8M39742.D	DAILY BLANK	07/17/09 06:13
8M39743.D	DAILY BLANK	07/17/09 06:29
8M39744.D	AC45789-001	07/17/09 06:46
8M39745.D	AC45783-001	07/17/09 07:02
8M39746.D	AC45788-007(80uL	07/17/09 07:18
8M39747.D	MBS12800	07/17/09 07:34
8M39748.D	AC45788-003(200	07/17/09 07:50
8M39749.D	MBS12802	07/17/09 08:07
8M39750.D	AC45779-015	07/17/09 08:23
8M39751.D	AC45774-008	07/17/09 08:39
8M39752.D	AC45774-012	07/17/09 08:55
8M39753.D	AC45779-014	07/17/09 09:11
8M39754.D	AC45779-009(20X)	07/17/09 09:30
8M39755.D	BLK	07/17/09 09:48
8M39756.D	AC45779-001	07/17/09 10:04
8M39757.D	AC45779-002	07/17/09 10:20
8M39758.D	AC45779-003	07/17/09 10:36
8M39759.D	AC45779-004	07/17/09 10:53
8M39760.D	AC45779-005	07/17/09 11:09
8M39761.D	AC45779-006	07/17/09 11:26
8M39762.D	AC45779-007	07/17/09 11:42
8M39763.D	AC45779-008	07/17/09 11:58
8M39764.D	AC45779-010	07/17/09 12:15
8M39765.D	AC45779-011	07/17/09 12:31
8M39766.D	AC45779-012	07/17/09 12:48
8M39767.D	AC45779-013	07/17/09 13:04
8M39768.D	AC45774-011	07/17/09 13:20
8M39769.D	BLK	07/17/09 13:37
8M39770.D	AC45818-002	07/17/09 13:53
8M39771.D	AC45803-001(200u	07/17/09 14:10
8M39772.D	AC45803-002(200u	07/17/09 14:26
8M39773.D	AC45803-003(200u	07/17/09 14:42
8M39774.D	AC45803-005	07/17/09 14:58
8M39775.D	AC45803-004	07/17/09 15:15
8M39776.D	MBS12809	07/17/09 15:31
8M39777.D	AC45803-004(400u	07/17/09 15:47
8M39778.D	AC45779-005(MS)	07/17/09 16:04
8M39779.D	AC45779-005(MSD	07/17/09 16:20
8M39780.D	BLK	07/17/09 16:37
8M39781.D	BLK	07/17/09 16:53
8M39782.D	BLK	07/17/09 17:09
8M39783.D	BLK	07/17/09 17:26
8M39784.D	BLK	07/17/09 17:44
8M39785.D	BLK	07/17/09 18:00
8M39786.D	BLK	07/17/09 18:16
8M39787.D	BLK	07/17/09 18:33
8M39788.D	AC45810-004	07/17/09 18:49
8M39789.D	AC45809-003	07/17/09 19:05
8M39790.D	MBS12813	07/17/09 19:22
8M39791.D	BLK	07/17/09 19:38
8M39792.D	AC45809-002	07/17/09 19:55
8M39793.D	AC45811-013	07/17/09 20:11

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Data File : 8M39739.D
Acq On : 17 Jul 2009 5:15
Operator : SG
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_8\MethodQt\8M_A0716.M
Title : @GCMS_8,ug,624,8260
Last Update : Thu Jul 16 13:24:10 2009



Spectrum Information: Average of 4.507 to 4.527 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.1	3065	PASS
75	95	30	60	54.9	7625	PASS
95	95	100	100	100.0	13884	PASS
96	95	5	9	8.2	1136	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.9	13451	PASS
175	174	5	9	8.0	1077	PASS
176	174	95	101	98.4	13237	PASS
177	176	5	9	5.6	739	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 2M43899.D
Instrument: GCMS 2 **Analysis Date:** 07/17/09 05:56
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.118 to 4.128 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.1	3490	PASS
75	95	30	60	54.6	7904	PASS
95	95	100	100	100.0	14469	PASS
96	95	5	9	7.9	1143	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.6	13260	PASS
175	174	5	9	8.3	1101	PASS
176	174	95	101	98.7	13094	PASS
177	176	5	9	6.6	871	PASS

Data File	Sample Number	Analysis Date:
2M43900.D	CAL @ 20 PPB	07/17/09 06:15
2M43901.D	DAILY BLANK	07/17/09 06:36
2M43902.D	BLKHCL	07/17/09 06:52
2M43903.D	DAILY BLANK	07/17/09 07:08
2M43904.D	AC45775-002	07/17/09 07:26
2M43905.D	AC45775-003	07/17/09 07:42
2M43906.D	AC45775-004	07/17/09 07:59
2M43907.D	MBS12801	07/17/09 08:15
2M43908.D	MBS12803	07/17/09 08:31
2M43909.D	AC45775-001	07/17/09 08:47
2M43910.D	AC45785-001	07/17/09 09:04
2M43911.D	AC45815-001	07/17/09 09:20
2M43912.D	AC45819-004	07/17/09 09:37
2M43913.D	AC45725-027	07/17/09 09:53
2M43914.D	MBS12804	07/17/09 10:09
2M43915.D	AC45820-005	07/17/09 10:26
2M43916.D	AC45820-006	07/17/09 10:42
2M43917.D	AC45822-001	07/17/09 10:58
2M43918.D	AC45811-005	07/17/09 11:15
2M43919.D	AC45812-003	07/17/09 11:31
2M43920.D	AC45806-001	07/17/09 11:48
2M43921.D	AC45820-001	07/17/09 12:04
2M43922.D	AC45819-002(80uL	07/17/09 12:20
2M43923.D	AC45819-001(80uL	07/17/09 12:37
2M43924.D	AC45819-003(80uL	07/17/09 12:53
2M43925.D	MBS12808	07/17/09 13:09
2M43926.D	AC45775-001(MS)	07/17/09 13:26
2M43927.D	AC45775-001(MSD	07/17/09 13:42
2M43928.D	BLK	07/17/09 13:58
2M43929.D	AC45820-002	07/17/09 14:14
2M43930.D	AC45820-003	07/17/09 14:30
2M43931.D	AC45820-004	07/17/09 14:48
2M43932.D	AC45820-003	07/17/09 15:04
2M43933.D	AC45818-002	07/17/09 15:20
2M43934.D	AC45774-011	07/17/09 15:36
2M43935.D	AC45797-001	07/17/09 15:52
2M43936.D	AC45797-002	07/17/09 16:08
2M43937.D	AC45811-005(MS)	07/17/09 16:24
2M43938.D	AC45811-005(MSD	07/17/09 16:40
2M43939.D	BLK	07/17/09 16:56
2M43940.D	AC45822-007	07/17/09 17:19
2M43941.D	AC45822-006	07/17/09 17:35
2M43942.D	AC45822-005	07/17/09 17:51
2M43943.D	AC45761-001(MS)	07/17/09 18:07
2M43944.D	AC45761-001(MSD	07/17/09 18:23
2M43945.D	MBS12812	07/17/09 18:39
2M43946.D	BLK	07/17/09 18:55
2M43947.D	AC45823-032	07/17/09 19:11
2M43948.D	AC45823-003	07/17/09 19:27
2M43949.D	AC45823-008	07/17/09 19:43
2M43950.D	AC45823-010	07/17/09 19:59
2M43951.D	AC45823-013	07/17/09 20:15
2M43952.D	AC45823-015	07/17/09 20:30
2M43953.D	AC45823-016	07/17/09 20:46
2M43954.D	AC45823-017	07/17/09 21:02
2M43955.D	AC45823-019	07/17/09 21:19
2M43956.D	AC45823-021	07/17/09 21:35
2M43957.D	MBS12810	07/17/09 21:52
2M43958.D	AC45761-002(MS)	07/17/09 22:08
2M43959.D	AC45761-002(MSD	07/17/09 22:24
2M43960.D	BLK	07/17/09 22:40
2M43961.D	BLK	07/17/09 22:56
2M43962.D	AC45823-005	07/17/09 23:12
2M43963.D	MBS12811	07/17/09 23:28
2M43964.D	BLK	07/17/09 23:45

Form 5

Tune Name: BFB TUNE **Data File:** 2M43899.D
Instrument: GCMS 2 **Analysis Date:** 07/17/09 05:56
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.118 to 4.128 min

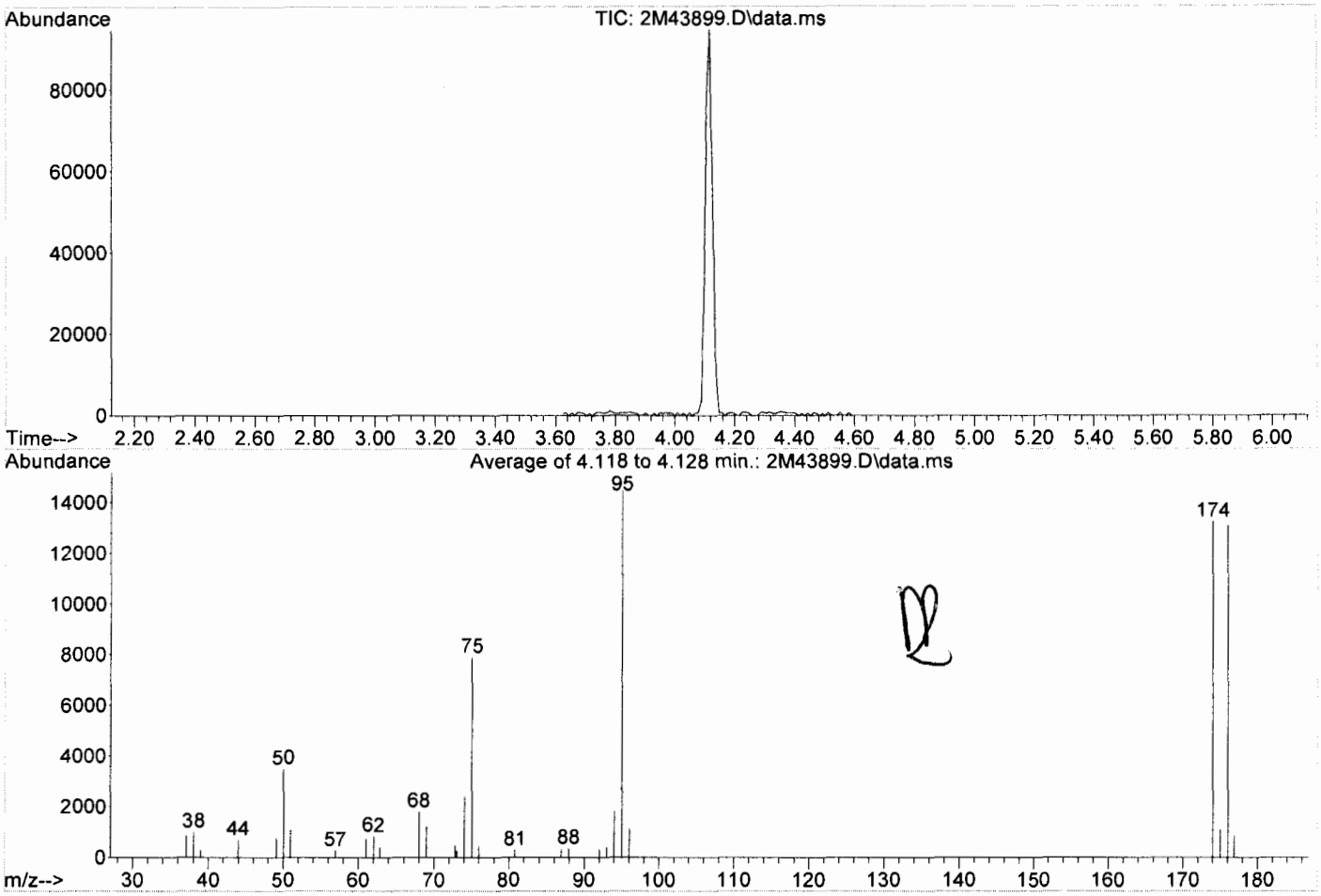
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.1	3490	PASS
75	95	30	60	54.6	7904	PASS
95	95	100	100	100.0	14469	PASS
96	95	5	9	7.9	1143	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.6	13260	PASS
175	174	5	9	8.3	1101	PASS
176	174	95	101	98.7	13094	PASS
177	176	5	9	6.6	871	PASS

2M43965.D	AC45823-024	07/18/09 00:01
2M43966.D	AC45823-029	07/18/09 00:17
2M43967.D	AC45823-030	07/18/09 00:34
2M43968.D	AC45823-031	07/18/09 00:49
2M43969.D	AC45823-001	07/18/09 01:05
2M43970.D	AC45823-027	07/18/09 01:21
2M43971.D	AC45823-026(5X)	07/18/09 01:40
2M43972.D	AC45823-004(5X)	07/18/09 02:01
2M43973.D	AC45823-006(5X)	07/18/09 02:23
2M43974.D	AC45823-012(5X)	07/18/09 02:45
2M43975.D	AC45823-002(5X)	07/18/09 03:06
2M43976.D	BLK	07/18/09 03:27
2M43977.D	AC45823-009(5X)	07/18/09 03:47
2M43978.D	AC45823-018(10X)	07/18/09 04:08
2M43979.D	AC45823-007(20X)	07/18/09 04:28

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Data File : 2M43899.D
Acq On : 17 Jul 2009 5:56
Operator : SG
Sample : BFB TUNE
Misc : A,5mL
ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_2\MethodQt\2M_A0630.M
Title : @GCMS_2,ug,624,8260
Last Update : Wed Jul 01 07:29:25 2009



Spectrum Information: Average of 4.118 to 4.128 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	3490	PASS
75	95	30	60	54.6	7904	PASS
95	95	100	100	100.0	14469	PASS
96	95	5	9	7.9	1143	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.6	13260	PASS
175	174	5	9	8.3	1101	PASS
176	174	95	101	98.7	13094	PASS
177	176	5	9	6.6	871	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 8M39868.D
Instrument: GCMS 8 **Analysis Date:** 07/21/09 06:45
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.493 to 4.513 min

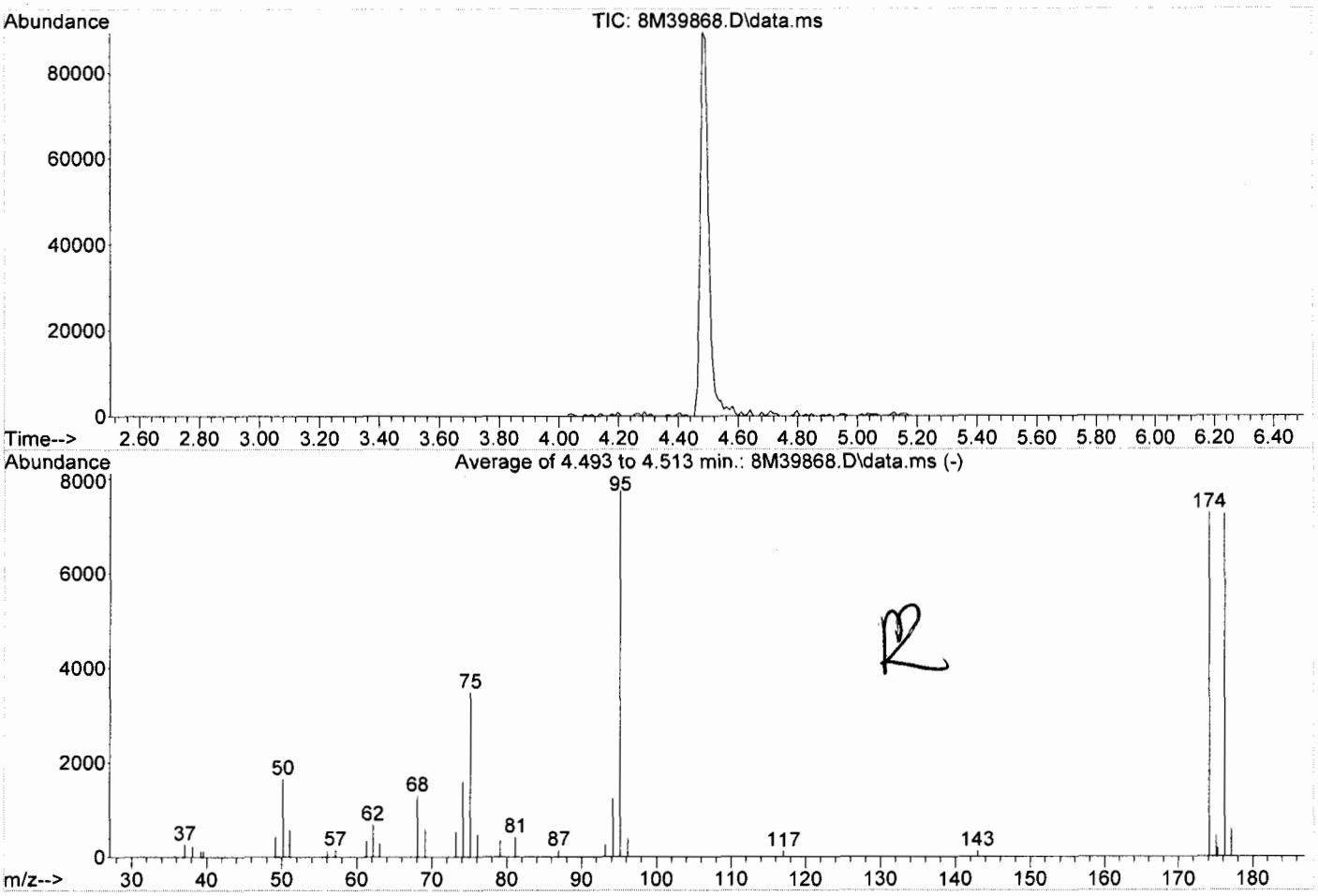
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.4	1654	PASS
75	95	30	60	45.1	3484	PASS
95	95	100	100	100.0	7733	PASS
96	95	5	9	5.2	400	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	94.0	7269	PASS
175	174	5	9	6.1	446	PASS
176	174	95	101	99.7	7244	PASS
177	176	5	9	8.1	590	PASS

Data File	Sample Number	Analysis Date:
8M39869.D	BLK	07/21/09 07:05
8M39870.D	20 PPB	07/21/09 07:25
8M39871.D	CAL @ 20 PPB	07/21/09 07:48
8M39872.D	BLK	07/21/09 08:06
8M39873.D	DAILY BLANK	07/21/09 08:22
8M39874.D	DAILY BLANK	07/21/09 08:39
8M39875.D	AC45774-023	07/21/09 08:55
8M39876.D	MBS12830	07/21/09 09:11
8M39877.D	AC45807-001(50X)	07/21/09 09:27
8M39878.D	AC45807-002(50X)	07/21/09 09:44
8M39879.D	MBS12831	07/21/09 10:00
8M39881.D	BLK	07/21/09 12:19
8M39882.D	AC45823-025	07/21/09 12:35
8M39883.D	AC45823-022	07/21/09 12:51
8M39884.D	BLK	07/21/09 13:08
8M39885.D	AC45840-008(10X)	07/21/09 13:27
8M39886.D	AC45840-009(10X)	07/21/09 13:47
8M39887.D	AC45823-011(50X)	07/21/09 14:05
8M39889.D	AC45823-023(100	07/21/09 14:22
8M39890.D	AC45807-001(T)	07/21/09 14:38
8M39891.D	AC45807-002(T)	07/21/09 14:54
8M39892.D	EF-1-V-69665(072	07/21/09 15:10
8M39893.D	BLK	07/21/09 15:27
8M39894.D	AC45832-009	07/21/09 15:43
8M39895.D	AC45832-008	07/21/09 15:59
8M39896.D	AC45832-006	07/21/09 16:15
8M39897.D	AC45832-005	07/21/09 16:32
8M39898.D	AC45832-002	07/21/09 16:48
8M39899.D	AC45832-001	07/21/09 17:04
8M39900.D	AC45832-007	07/21/09 17:21
8M39901.D	AC45832-004	07/21/09 17:37
8M39902.D	AC45832-003	07/21/09 17:53
8M39903.D	AC45884-007	07/21/09 18:09
8M39904.D	AC45884-004	07/21/09 18:25
8M39905.D	AC45885-006	07/21/09 18:42
8M39906.D	AC45807-001(T)	07/21/09 18:58
8M39907.D	AC45840-001(MS)	07/21/09 19:14
8M39908.D	AC45840-001(MSD	07/21/09 19:31
8M39909.D	BLKJUG#3	07/21/09 19:47
8M39910.D	BLKJUG#2	07/21/09 20:03
8M39911.D	BLK	07/21/09 20:19
8M39912.D	BLK	07/21/09 20:36
8M39913.D	MBS12839	07/21/09 20:52
8M39914.D	BLK	07/21/09 21:08
8M39915.D	AC45837-006	07/21/09 21:24
8M39916.D	AC45837-005	07/21/09 21:41
8M39917.D	AC45842-003	07/21/09 21:57
8M39918.D	AC45842-004	07/21/09 22:13
8M39919.D	AC45844-001	07/21/09 22:29
8M39920.D	AC45844-002	07/21/09 22:46
8M39921.D	AC45845-001	07/21/09 23:02
8M39922.D	AC45847-003	07/21/09 23:18
8M39923.D	AC45847-004	07/21/09 23:34
8M39924.D	AC45847-002	07/21/09 23:50
8M39925.D	AC45847-001	07/22/09 00:06
8M39926.D	AC45844-003	07/22/09 00:23
8M39927.D	AC45842-002	07/22/09 00:39
8M39928.D	AC45845-003	07/22/09 00:55
8M39929.D	AC45845-007	07/22/09 01:11
8M39930.D	AC45842-001	07/22/09 01:27
8M39931.D	MBS12840	07/22/09 01:44
8M39932.D	AC45824-001(MS)	07/22/09 02:00
8M39933.D	AC45824-001(MSD	07/22/09 02:16
8M39934.D	MBS12841	07/22/09 02:32
8M39935.D	BLK	07/22/09 02:48

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-21-09\
Data File : 8M39868.D
Acq On : 21 Jul 2009 6:45
Operator : WP
Sample : BFB TUNE
Misc : A,5ML!3
ALS Vial : 47 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_8\MethodQt\8M_A0716.M
Title : @GCMS_8,ug,624,8260
Last Update : Thu Jul 16 13:24:10 2009



Spectrum Information: Average of 4.493 to 4.513 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	1654	PASS
75	95	30	60	45.1	3484	PASS
95	95	100	100	100.0	7733	PASS
96	95	5	9	5.2	400	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	94.0	7269	PASS
175	174	5	9	6.1	446	PASS
176	174	95	101	99.7	7244	PASS
177	176	5	9	8.1	590	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 8
Data File: 8M39944.D
Analysis Date: 07/22/09 08:34
Method: EPA 8260B

Tune Scan/Time Range: Average of 6.672 to 6.690 min

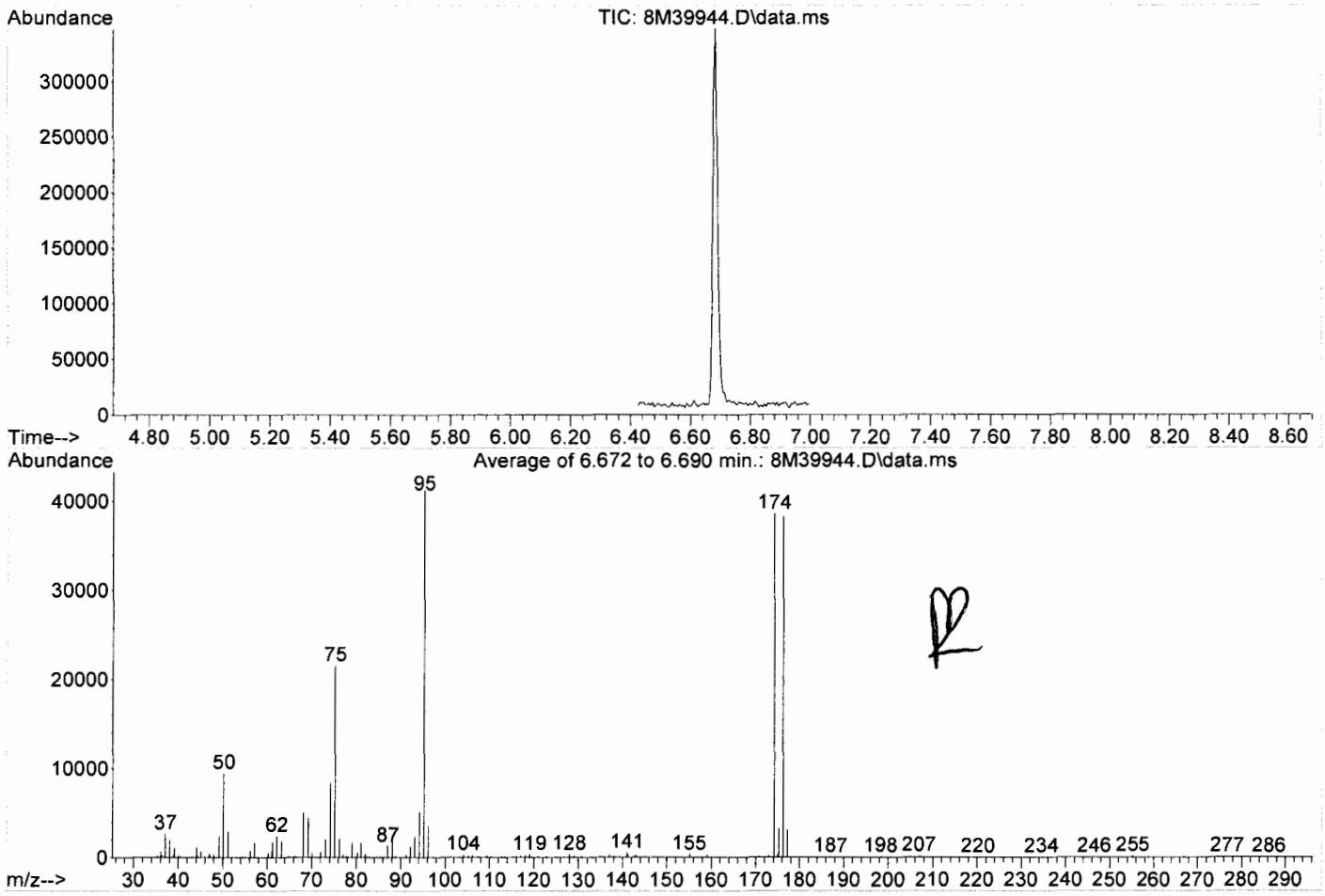
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.9	9459	PASS
75	95	30	60	52.3	21567	PASS
95	95	100	100	100.0	41252	PASS
96	95	5	9	8.5	3526	PASS
173	174	0.00	2	0.6	233	PASS
174	95	50	100	93.6	38596	PASS
175	174	5	9	8.4	3229	PASS
176	174	95	101	99.3	38320	PASS
177	176	5	9	8.1	3099	PASS

Data File	Sample Number	Analysis Date:
8M39945.D	CAL @ 20 PPB	07/22/09 09:22
8M39946.D	BLKJUG2	07/22/09 09:48
8M39947.D	DAILY BLANK	07/22/09 10:04
8M39948.D	DAILY BLANK	07/22/09 10:20
8M39949.D	AC45845-003	07/22/09 10:41
8M39950.D	AC45823-022(10X)	07/22/09 11:01
8M39951.D	MBS12845	07/22/09 11:19
8M39952.D	MBS12846	07/22/09 11:35
8M39953.D	BLKJUG#1	07/22/09 11:51
8M39954.D	AC45774-021	07/22/09 12:10
8M39955.D	AC45919-001	07/22/09 12:26
8M39956.D	AC45919-002	07/22/09 12:42
8M39957.D	AC45919-003	07/22/09 12:59
8M39958.D	AC45919-004	07/22/09 13:15
8M39959.D	AC45909-016	07/22/09 13:31
8M39960.D	AC45906-001	07/22/09 13:47
8M39961.D	AC45906-002	07/22/09 14:03
8M39962.D	AC45914-001	07/22/09 14:19
8M39963.D	AC45914-003	07/22/09 14:36
8M39964.D	AC45920-001	07/22/09 14:52
8M39965.D	BLK	07/22/09 15:08
8M39966.D	AC45916-006	07/22/09 15:24
8M39967.D	AC45909-017	07/22/09 15:40
8M39968.D	AC45909-018	07/22/09 15:57
8M39969.D	AC45920-002	07/22/09 16:13
8M39970.D	AC45920-003	07/22/09 16:29
8M39971.D	AC45914-003(500	07/22/09 16:45
8M39972.D	AC45807-001(T:M	07/22/09 17:01
8M39973.D	AC45807-001(T:M	07/22/09 17:17
8M39974.D	MBS12849	07/22/09 17:34
8M39975.D	AC45832-004(MS)	07/22/09 17:50
8M39976.D	AC45832-004(MSD	07/22/09 18:06
8M39977.D	BLK	07/22/09 18:22
8M39978.D	AC45920-001	07/22/09 18:38
8M39979.D	BLK	07/22/09 18:55
8M39980.D	BLK	07/22/09 19:11
8M39981.D	BLK	07/22/09 19:27
8M39982.D	BLK	07/22/09 19:43

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Data File : 8M39944.D
Acq On : 22 Jul 2009 8:34
Operator : WP
Sample : BFB TUNE
Misc : A,5ML!3
ALS Vial : 50 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\Gcmsdata\2009\GCMS_8\MethodQt\8M_A0716.M
Title : @GCMS_8,ug,624,8260
Last Update : Thu Jul 16 13:24:10 2009



Spectrum Information: Average of 6.672 to 6.690 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.9	9459	PASS
75	95	30	60	52.3	21567	PASS
95	95	100	100	100.0	41252	PASS
96	95	5	9	8.5	3526	PASS
173	174	0.00	2	0.6	233	PASS
174	95	50	100	93.6	38596	PASS
175	174	5	9	8.4	3229	PASS
176	174	95	101	99.3	38320	PASS
177	176	5	9	8.1	3099	PASS

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 1M47036.D
Analysis Date: 07/16/09 07:38
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0050	U	75-15-0	Carbon Disulfide	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	56-23-5	Carbon Tetrachloride	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0050	U	108-90-7	Chlorobenzene	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U	75-00-3	Chloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U	67-66-3	Chloroform	0.0050	U
75-35-4	1,1-Dichloroethene	0.0050	U	74-87-3	Chloromethane	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U	156-59-2	cis-1,2-Dichloroethene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U	10061-01-5	cis-1,3-Dichloropropene	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U	110-82-7	Cyclohexane	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0050	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0050	U	75-71-8	Dichlorodifluoromethane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0050	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0050	U	136777612	m&p-Xylenes	0.0010	U
78-87-5	1,2-Dichloropropane	0.0050	U	79-20-9	Methyl Acetate	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	108-87-2	Methylcyclohexane	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U	75-09-2	Methylene Chloride	0.0050	U
142-28-9	1,3-Dichloropropane	0.0050	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0050	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0050	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0050	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0050	U	100-42-5	Styrene	0.0050	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0050	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0050	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0050	U	156-60-5	trans-1,2-Dichloroethene	0.0050	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U	79-01-6	Trichloroethene	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U	75-69-4	Trichlorofluoromethane	0.0050	U
75-25-2	Bromoform	0.0050	U	75-01-4	Vinyl Chloride	0.0050	U
74-83-9	Bromomethane	0.0050	U				

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

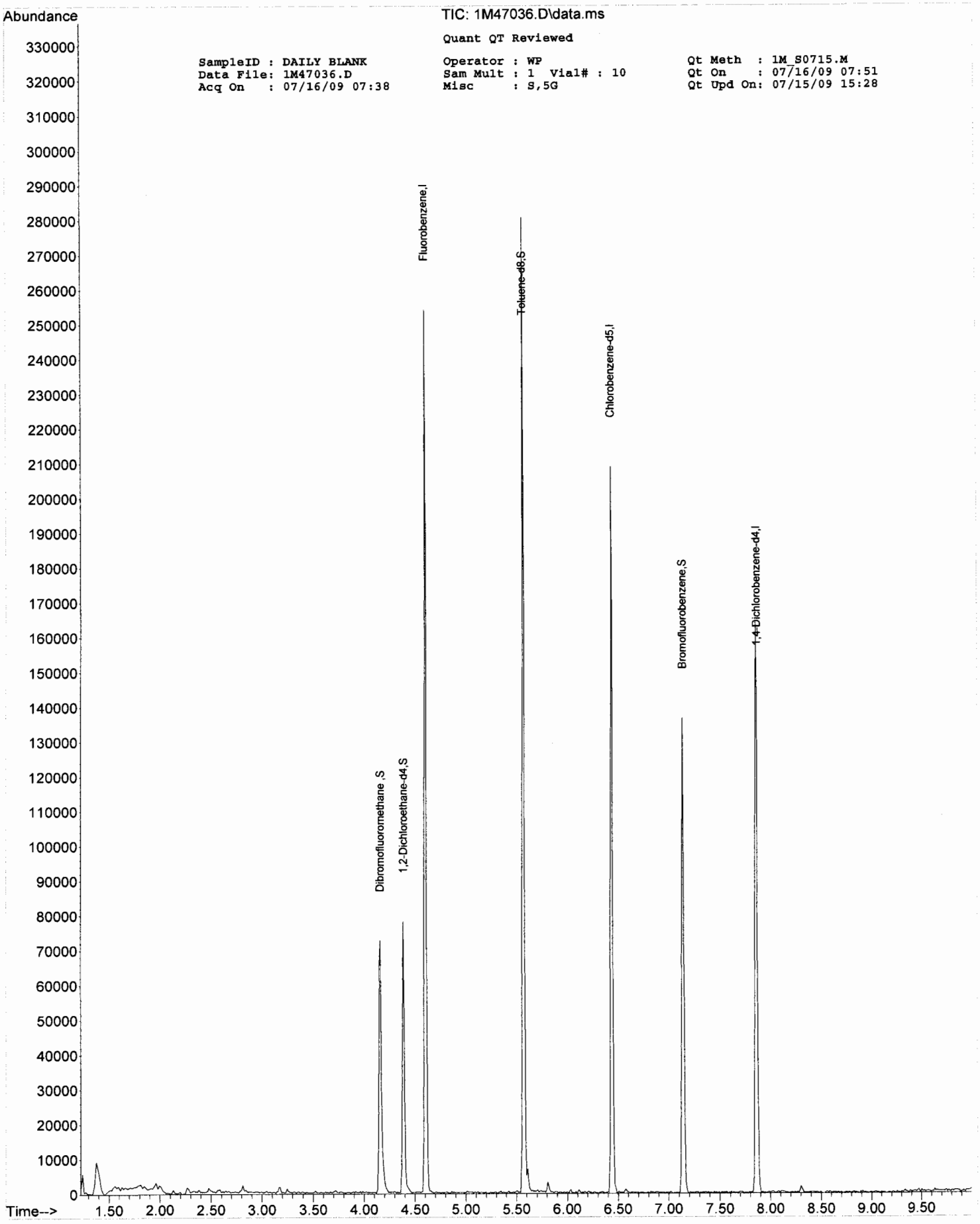
Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47036.D Sam Mult : 1 Vial# : 10 Qt On : 07/16/09 07:51
Acq On : 07/16/09 07:38 Misc : S,5G Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.605	96	117202	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.438	117	72098	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.867	152	35792	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	38260	34.10	ug/l	0.00
Spiked Amount 30.000			Recovery = 113.67%			
32) 1,2-Dichloroethane-d4	4.388	102	6137	31.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.90%			
56) Toluene-d8	5.571	100	71819	33.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.90%			
64) Bromofluorobenzene	7.138	174	26563	27.48	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.60%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47036.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 1M47036.D
Acq On : 07/16/09 07:38
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 07:51
Qt Upd On: 07/15/09 15:28
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 8M39705.D
Analysis Date: 07/16/09 13:09
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT/LSC Reviewed)

SampleID : DAILY BLANK
Data File: 8M39705.D
Acq On : 07/16/09 13:09

Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML

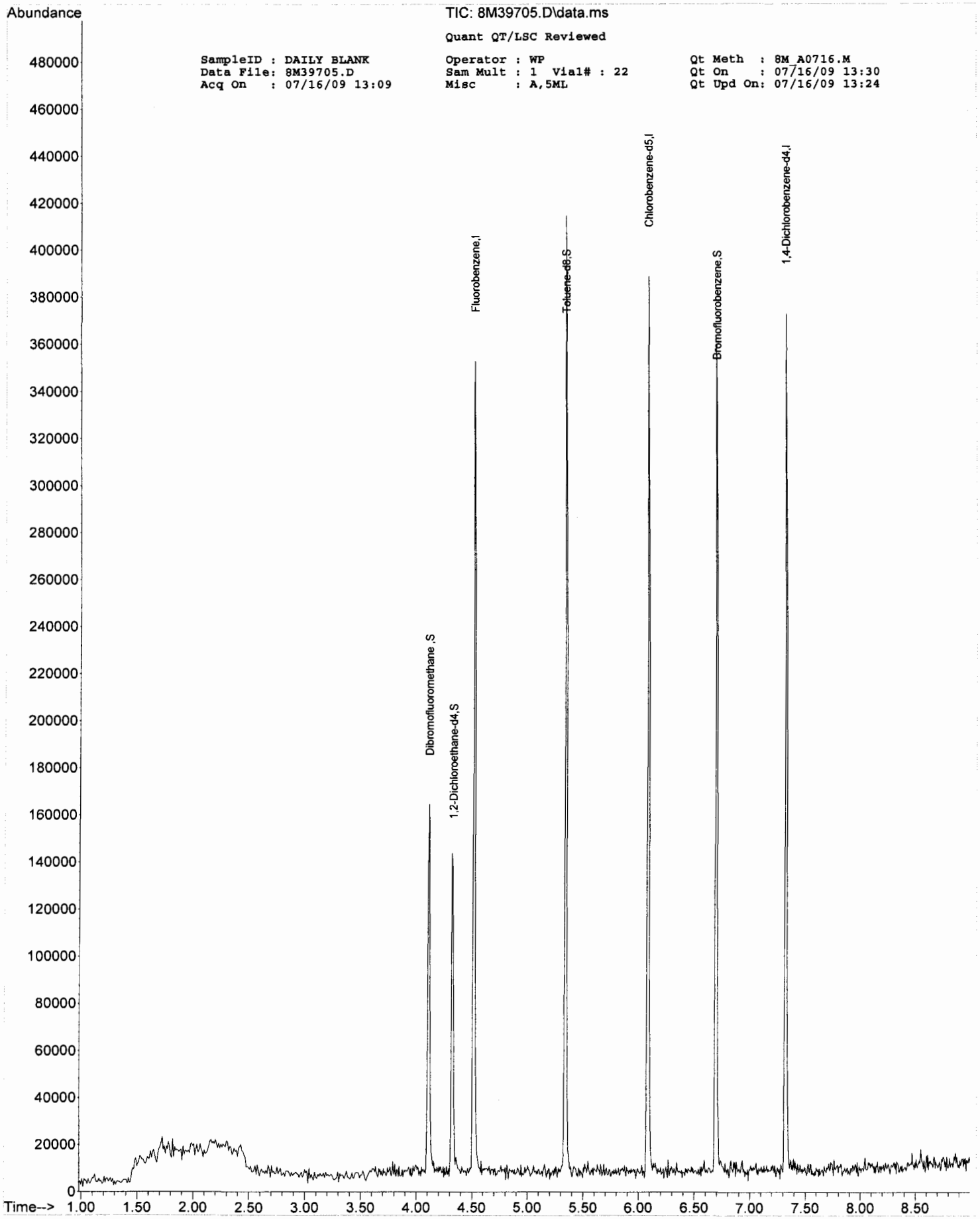
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 13:30
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.518	96	162486	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	114255	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	62341	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.109	111	55430	29.34	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.80%			
32) 1,2-Dichloroethane-d4	4.326	102	9773	30.61	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.03%			
56) Toluene-d8	5.341	100	93640	30.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.73%			
64) Bromofluorobenzene	6.698	174	70460	30.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.70%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

R


Abundance
TIC: 8M39705.D\data.ms
Quant QT/LSC Reviewed
SampleID : DAILY BLANK
Data File: 8M39705.D
Acq On : 07/16/09 13:09
Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 13:30
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 8M39743.D
Analysis Date: 07/17/09 06:29
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT/LSC Reviewed)

SampleID : DAILY BLANK
Data File: 8M39743.D
Acq On : 07/17/09 06:29

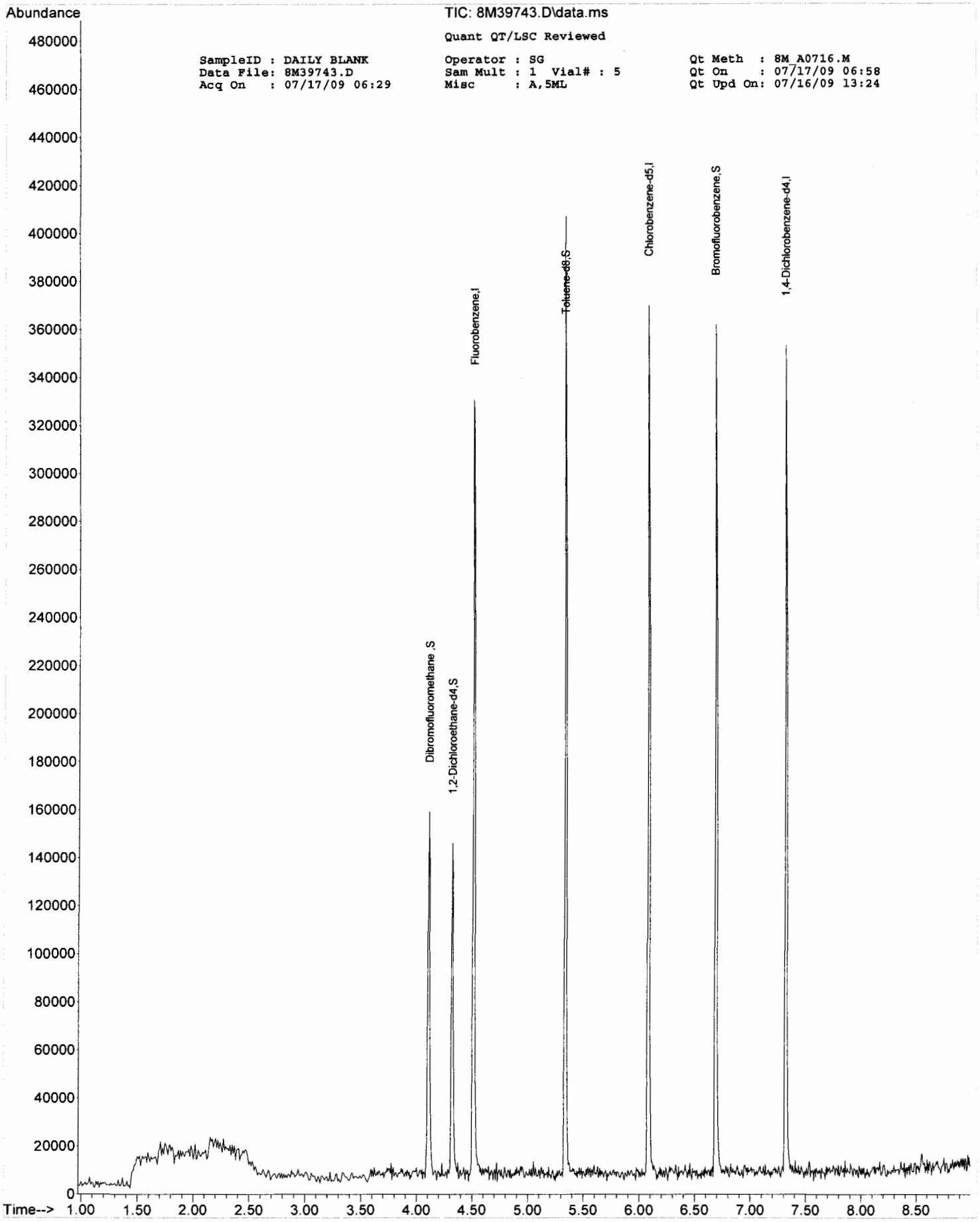
Operator : SG
Sam Mult : 1 Vial# : 5
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:58
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.518	96	154802	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	112946	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	57302	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	57867	32.15	ug/l	0.00
Spiked Amount 30.000			Recovery	=	107.17%	
32) 1,2-Dichloroethane-d4	4.320	102	9869	32.45	ug/l	0.00
Spiked Amount 30.000			Recovery	=	108.17%	
56) Toluene-d8	5.341	100	87005	28.69	ug/l	0.00
Spiked Amount 30.000			Recovery	=	95.63%	
64) Bromofluorobenzene	6.693	174	66258	31.52	ug/l	0.00
Spiked Amount 30.000			Recovery	=	105.07%	
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39743.D\data.ms
Quant QT/LSC Reviewed
SampleID : DAILY BLANK
Data File: 8M39743.D
Acq On : 07/17/09 06:29
Operator : SG
Sam Mult : 1 Vial# : 5
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:58
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
480000
460000
440000
420000
400000
380000
360000
340000
320000
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Time-->
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00
8.50

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 2M43901.D
Analysis Date: 07/17/09 06:36
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 2M43901.D
Acq On : 07/17/09 06:36

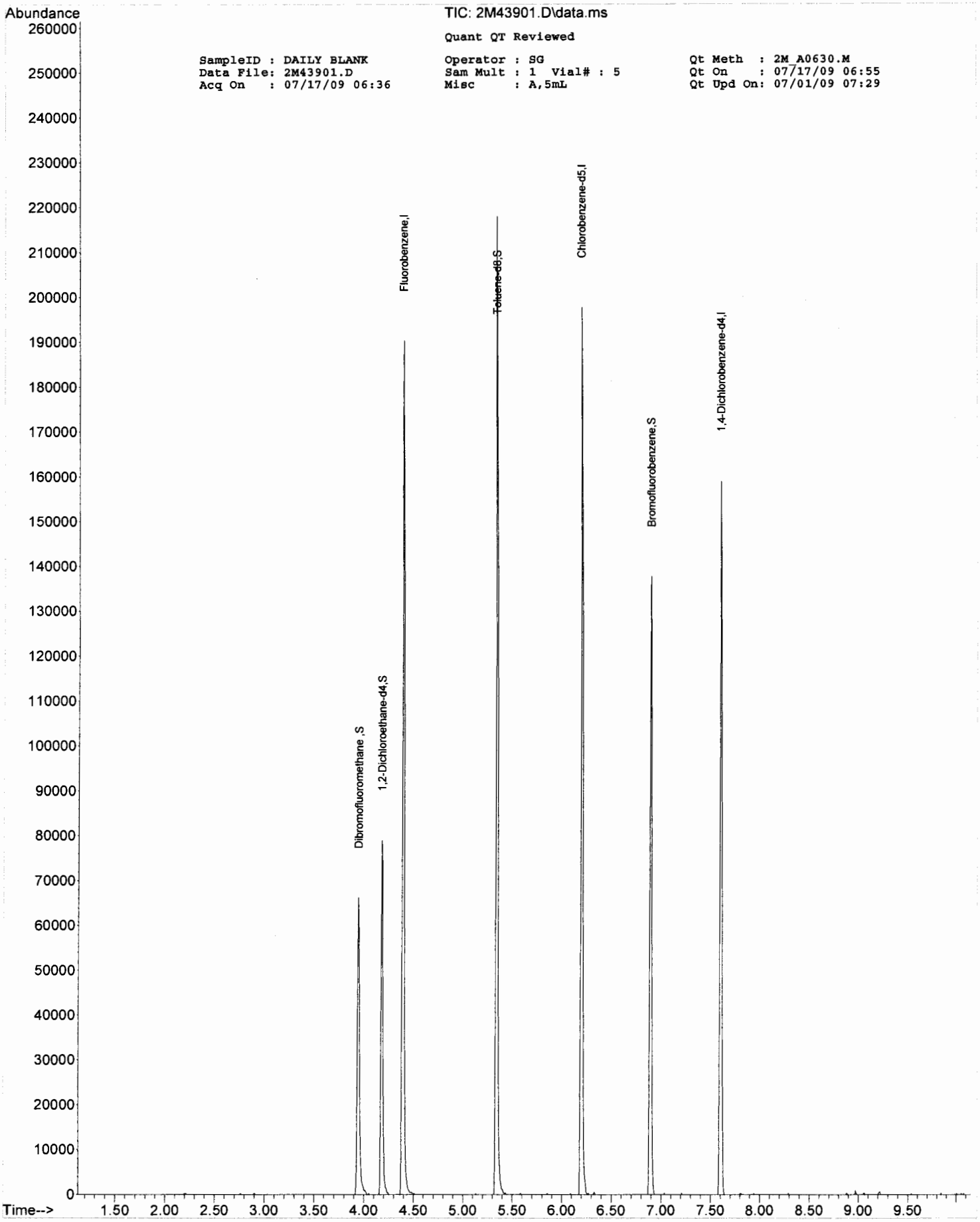
Operator : SG
Sam Mult : 1 Vial# : 5
Misc : A,5mL

Qt Meth : 2M_A0630.M
Qt On : 07/17/09 06:55
Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.394	96	106500	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.199	117	72990	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.606	152	32508	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.943	111	32438	33.30	ug/l	-0.01
Spiked Amount 30.000			Recovery = 111.00%			
32) 1,2-Dichloroethane-d4	4.177	102	7395	33.45	ug/l	-0.01
Spiked Amount 30.000			Recovery = 111.50%			
56) Toluene-d8	5.344	100	63189	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.53%			
64) Bromofluorobenzene	6.896	174	28680	29.58	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.60%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M43901.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 2M43901.D
Acq On : 07/17/09 06:36
Operator : SG
Sam Mult : 1 Vial# : 5
Misc : A,5mL
Qt Meth : 2M_A0630.M
Qt On : 07/17/09 06:55
Qt Upd On: 07/01/09 07:29
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 8M39874.D
Analysis Date: 07/21/09 08:39
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT/LSC Reviewed)

SampleID : DAILY BLANK
Data File: 8M39874.D
Acq On : 07/21/09 08:39

Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/21/09 08:53
Qt Upd On: 07/16/09 13:24

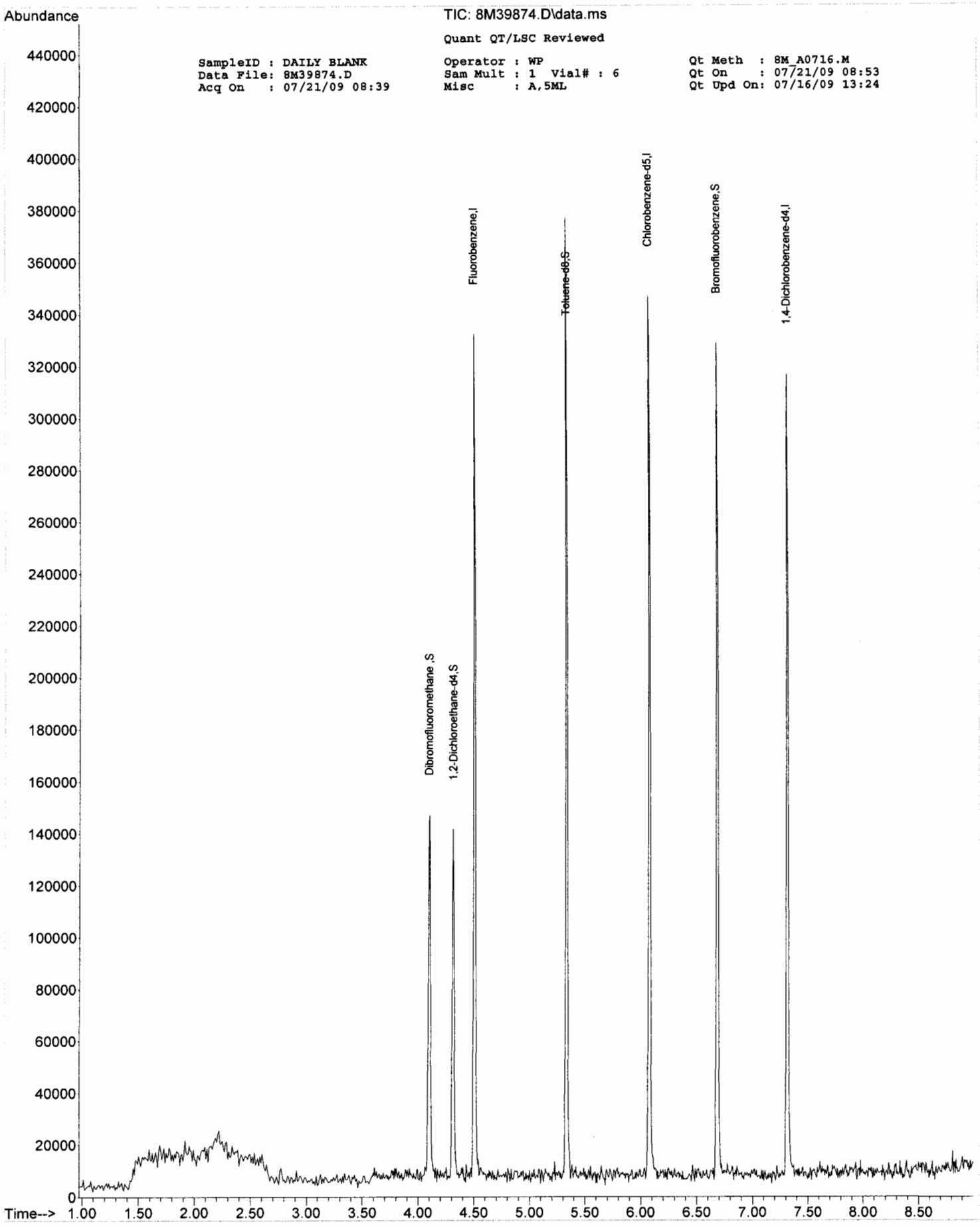
Data Path : G:\GcMsData\2009\GCMS_8\Data\07-21-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.505	96	146023	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.073	117	105394	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.317	152	56338	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.097	111	54561	32.13	ug/l	-0.01
Spiked Amount 30.000			Recovery = 107.10%			
32) 1,2-Dichloroethane-d4	4.313	102	8553	29.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.37%			
56) Toluene-d8	5.334	100	80882	28.58	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.27%			
64) Bromofluorobenzene	6.686	174	59755	28.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.37%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

R


Abundance
TIC: 8M39874.D\data.ms
Quant QT/LSC Reviewed
SampleID : DAILY BLANK
Data File: 8M39874.D
Acq On : 07/21/09 08:39
Operator : WP
Sam Mult : 1 Vial# : 6
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/21/09 08:53
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 8M39948.D
Analysis Date: 07/22/09 10:20
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	75-15-0	Carbon Disulfide	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	108-90-7	Chlorobenzene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U	75-00-3	Chloroethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U	67-66-3	Chloroform	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	74-87-3	Chloromethane	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U	124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	100-41-4	Ethylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	98-82-8	Isopropylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	0.50	U	136777612	m&p-Xylenes	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79-20-9	Methyl Acetate	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	75-09-2	Methylene Chloride	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U	1634-04-4	Methyl-t-butyl ether	0.50	U
106-46-7	1,4-Dichlorobenzene	1.0	U	104-51-8	n-Butylbenzene	1.0	U
123-91-1	1,4-Dioxane	50	U	103-65-1	n-Propylbenzene	1.0	U
78-93-3	2-Butanone	1.0	U	95-47-6	o-Xylene	1.0	U
110-75-8	2-Chloroethylvinylether	1.0	U	135-98-8	sec-Butylbenzene	1.0	U
591-78-6	2-Hexanone	1.0	U	100-42-5	Styrene	1.0	U
99-87-6	4-Isopropyltoluene	1.0	U	75-65-0	t-Butyl Alcohol	5.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	98-06-6	t-Butylbenzene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
107-02-8	Acrolein	5.0	U	108-88-3	Toluene	1.0	U
107-13-1	Acrylonitrile	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
71-43-2	Benzene	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
74-97-5	Bromochloromethane	1.0	U	79-01-6	Trichloroethene	1.0	U
75-27-4	Bromodichloromethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-25-2	Bromoform	1.0	U	75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U				

Worksheet #: 124378

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

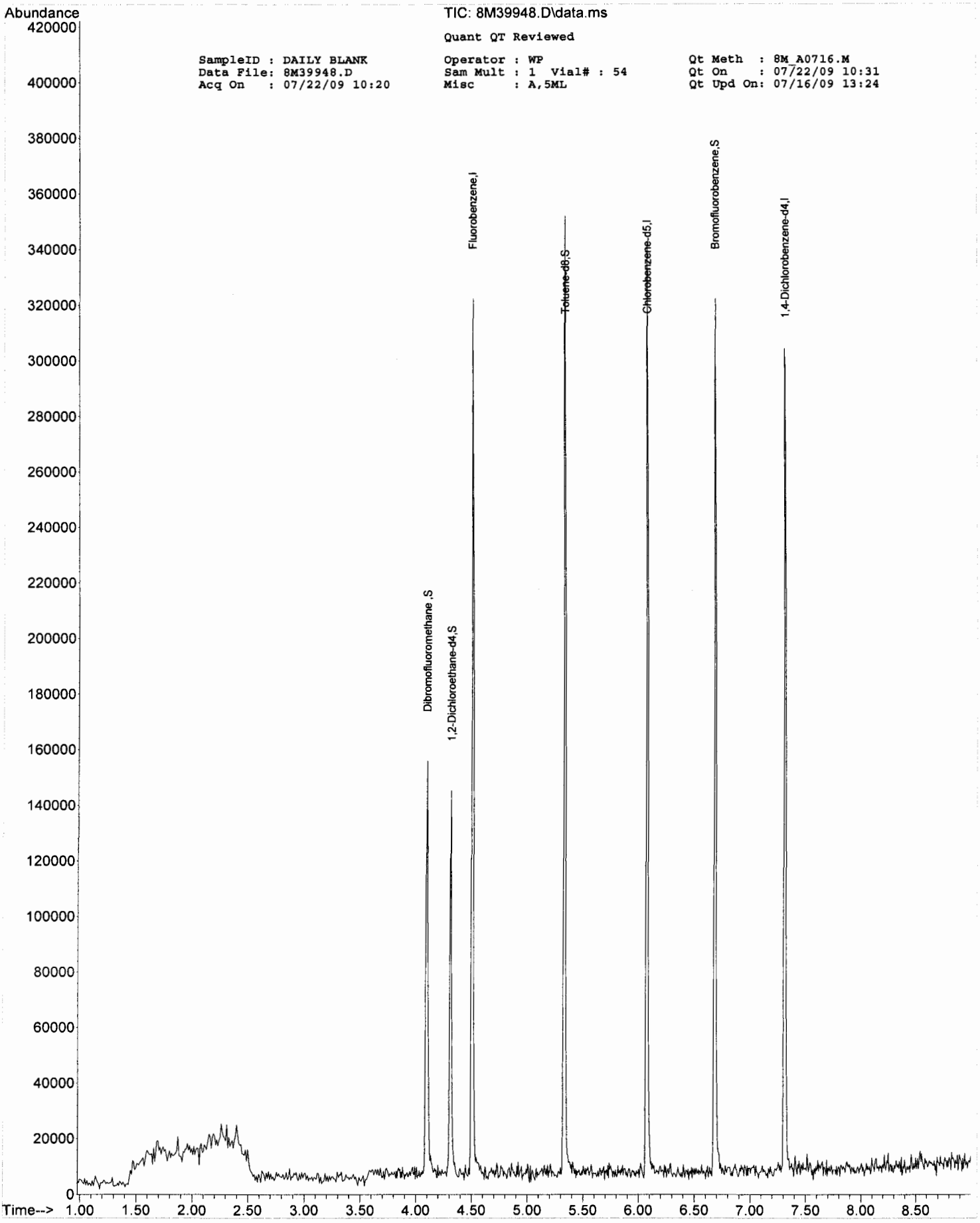
Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK
Data File: 8M39948.D
Acq On : 07/22/09 10:20
Operator : WP
Sam Mult : 1 Vial# : 54
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/22/09 10:31
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.506	96	138977	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.074	117	105145	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.318	152	56127	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.098	111	54478	33.71	ug/l	-0.01
Spiked Amount 30.000			Recovery = 112.37%			
32) 1,2-Dichloroethane-d4	4.314	102	8608	31.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.07%			
56) Toluene-d8	5.335	100	78556	27.82	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.73%			
64) Bromofluorobenzene	6.687	174	57248	27.80	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.67%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39948.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 8M39948.D
Acq On : 07/22/09 10:20
Operator : WP
Sam Mult : 1 Vial# : 54
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/22/09 10:31
Qt Upd On: 07/16/09 13:24
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form3

MBS Data

Method: 8260

Data File:==>					8M39747.D			2M43908.D			2M43914.D			2M43925.D			8M39776.D		
Data/Batch/Sample ID:==>					MBS12800-Aq			MBS12803-Aq			MBS12804-Aq			MBS12808-Aq			MBS12809-Aq		
Date/Time:==>					07/17/09 07:34			07/17/09 08:31			07/17/09 10:09			07/17/09 13:09			07/17/09 15:31		
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane		44-134	1	0	20.09	20	100	13.56	20	68	19.69	20	98	21.23	20	106	21.07	20	105
1,1-Dichloroethene		21-133	1	0	20.78	20	104	11.79	20	59	19.79	20	99	21.47	20	107	18.83	20	94
1,2-Dichlorobenzen		50-126	1	0	18.6	20	93	12.95	20	65	18.64	20	93	19.01	20	95	18.57	20	93
1,2-Dichloroethane		43-144	1	0	22.52	20	113	15.81	20	79	24.19	20	121	22.89	20	114	21.5	20	108
1,4-Dichlorobenzen		45-128	1	0	18.64	20	93	12.94	20	65	18.8	20	94	18.59	20	93	17.71	20	89
2-Butanone		25-157	1	0	18.78	20	94	12.87	20	64	16.75	20	84	20.26	20	101	15.62	20	78
Benzene		49-135	1	0	22.9	20	114	14.27	20	71	21.28	20	106	21.35	20	107	24.52	20	123
Carbon Tetrachlorid		42-146	1	0	23.6	20	118	16.3	20	81	25.34	20	127	23.29	20	116	21.61	20	108
Chlorobenzene		51-129	1	0	18.46	20	92	14.33	20	72	20.13	20	101	19.53	20	98	20.5	20	102
Chloroform		40-148	1	0	19.46	20	97	16.01	20	80	23.87	20	119	23.35	20	117	21.32	20	107
n-Propylbenzene		45-135	1	0	19.19	20	96	13.79	20	69	20.74	20	104	20.18	20	101	20.02	20	100
sec-Butylbenzene		43-123	1	0	19.66	20	98	13.93	20	70	20.61	20	103	20.44	20	102	20.36	20	102
Tetrachloroethene		42-138	1	0	19.28	20	96	15.06	20	75	21.93	20	110	20.16	20	101	20.09	20	100
Toluene		53-129	1	0	21.15	20	106	14.33	20	72	20.77	20	104	19.61	20	98	22.45	20	112
Trichloroethene		46-127	1	0	20.07	20	100	13.74	20	69	21.72	20	109	20.89	20	104	20.27	20	101
Vinyl Chloride		21-137	1	0	23.51	20	118	14.81	20	74	23.32	20	117	23.48	20	117	21.21	20	106

Flags/Notes: ** - Values outside of limits for this column/run*

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 8M39747.D
Acq On : 07/17/09 07:34

Operator : SG
Sam Mult : 1 Vial# : 9
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/17/09 07:54
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.513	96	158991	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.081	117	116133	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.325	152	63176	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	57821	31.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.23%			
32) 1,2-Dichloroethane-d4	4.327	102	9747	31.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.00%			
56) Toluene-d8	5.342	100	92910	29.79	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.30%			
64) Bromofluorobenzene	6.694	174	69643	30.05	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.17%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.324	51	99107	32.11	ug/l	64
3) Dichlorodifluoromethane	1.315	85	43690	24.16	ug/l	99
4) Chloromethane	1.456	50	41312	23.30	ug/l	90
5) Bromomethane	1.786	94	27285	23.90	ug/l	81
6) Vinyl Chloride	1.531	62	42004	23.51	ug/l	98
7) Chloroethane	1.852	64	25086	25.46	ug/l	99
8) Trichlorofluoromethane	2.049	101	66480	23.12	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.420	101	31004	23.07	ug/l	87
10) Methylene Chloride	2.784	84	34016	18.91	ug/l	94
11) Acrolein	2.351	56	21405	81.53	ug/l	99
12) Acrylonitrile	2.981	53	9956	19.83	ug/l	83
13) Iodomethane	2.548	142	71743	19.89	ug/l	72
14) Acetone	2.460	43	50367	97.81	ug/l	98
15) Carbon Disulfide	2.597	76	93698	19.08	ug/l	100
16) t-Butyl Alcohol	2.863	59	19189	121.26	ug/l	96
17) n-Hexane	3.208	57	15778	15.50	ug/l	76
18) Di-isopropyl-ether	3.375	45	102534	18.25	ug/l	91
19) 1,1-Dichloroethene	2.430	61	56781	20.78	ug/l	97
20) Methyl Acetate	2.706	43	27654	22.53	ug/l	100
21) Methyl-t-butyl ether	3.001	73	94325	17.23	ug/l	91
22) 1,1-Dichloroethane	3.326	63	65325	20.09	ug/l	97
23) trans-1,2-Dichloroethene	3.001	96	37440	23.76	ug/l	81
24) cis-1,2-Dichloroethene	3.787	61	60217	19.58	ug/l	98
25) Bromochloromethane	3.955	49	29130	21.06	ug/l	71
26) 2,2-Dichloropropane	3.787	77	54868	21.52	ug/l	95
27) 1,4-Dioxane	4.898	88	15202	854.29	ug/l	80
28) 1,1-Dichloropropene	4.237	75	46275	20.78	ug/l	88
29) Chloroform	4.003	83	65215	19.46	ug/l	98
31) Cyclohexane	4.177	56	32905	18.48	ug/l	97
33) 1,2-Dichloroethane	4.369	62	63468	22.52	ug/l	98
34) 2-Butanone	3.787	43	13108	18.78	ug/l	89
35) 1,1,1-Trichloroethane	4.135	97	63841	21.96	ug/l	95
36) Carbon Tetrachloride	4.237	117	57969	23.60	ug/l	98
37) Vinyl Acetate	3.365	43	96134	15.68	ug/l	100
38) Bromodichloromethane	4.970	83	49255	18.67	ug/l	100
39) Methylcyclohexane	4.820	83	26654	19.58	ug/l	85
40) Dibromomethane	4.898	174	31252	19.13	ug/l	94
41) 1,2-Dichloropropane	4.832	63	27647	17.23	ug/l	79
42) Trichloroethene	4.712	130	37739	20.07	ug/l	86
43) Benzene	4.363	78	112920	22.90	ug/l	100
44) tert-Amyl methyl ether	4.417	73	86286	19.16	ug/l	78
46) Dibromochloromethane	5.787	129	35370	17.02	ug/l	99
47) 2-Chloroethylvinylether	5.114	63	18057	19.54	ug/l	83
48) cis-1,3-Dichloropropene	5.198	75	50625	18.42	ug/l	99
49) trans-1,3-Dichloropropene	5.474	75	46046	16.83	ug/l	98
50) 1,1,2-Trichloroethane	5.577	97	27317	18.41	ug/l	92
51) 1,2-Dibromoethane	5.853	107	31403	18.02	ug/l	83
52) 1,3-Dichloropropane	5.661	76	47513	18.65	ug/l	100
53) 4-Methyl-2-Pentanone	5.270	43	27403	20.57	ug/l	88
54) 2-Hexanone	5.685	43	14330	16.36	ug/l	94
55) Tetrachloroethene	5.661	164	29163	19.28	ug/l	92
57) Toluene	5.378	92	66741	21.15	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.135	133	34935	20.33	ug/l	86
59) Chlorobenzene	6.099	112	75232	18.46	ug/l	98
61) Bromoform	6.532	173	26663	17.52	ug/l	89
62) Ethylbenzene	6.147	106	34192	19.07	ug/l	80
63) 1,1,2,2-Tetrachloroethane	6.748	83	30599	19.22	ug/l	85
65) Styrene	6.418	104	77210	19.98	ug/l	91
66) m&p-Xylenes	6.201	106	88083	47.04	ug/l	83

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 8M39747.D
Acq On : 07/17/09 07:34

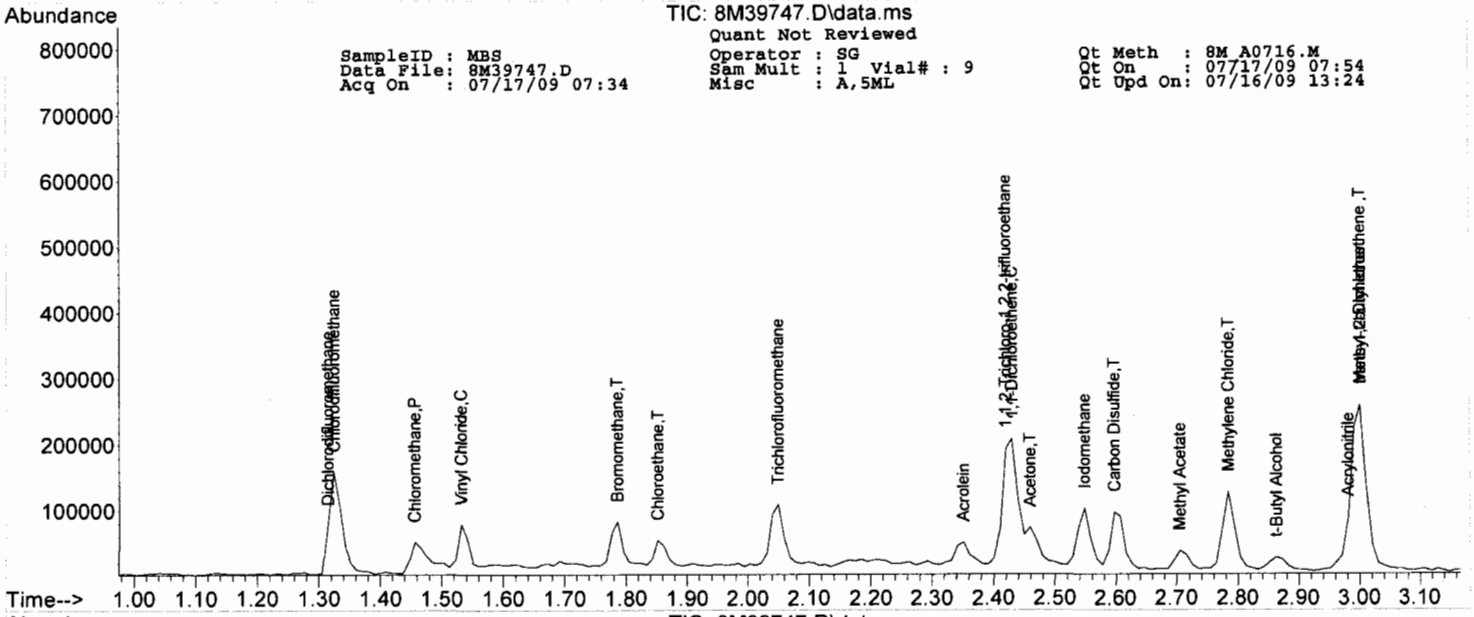
Operator : SG
Sam Mult : 1 Vial# : 9
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/17/09 07:54
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.418	106	45659	21.38 ug/l	96
68) trans-1,4-Dichloro-2-b...	6.778	53	11583	19.97 ug/l	35
69) 1,3-Dichlorobenzene	7.289	146	55554	19.56 ug/l	93
70) 1,4-Dichlorobenzene	7.337	146	59969	18.64 ug/l	89
71) 1,2-Dichlorobenzene	7.547	146	55409	18.60 ug/l	95
72) Isopropylbenzene	6.604	105	98977	19.49 ug/l	95
73) Cyclohexanone	6.934	55	393	7.94 ug/l	87
74) 1,2,3-Trichloropropane	6.784	75	39665	18.10 ug/l	97
75) 2-Chlorotoluene	6.880	91	95120	22.60 ug/l	97
76) p-Ethyltoluene	6.880	105	93409	20.72 ug/l	99
77) 4-Chlorotoluene	6.934	91	78160	18.94 ug/l	94
78) n-Propylbenzene	6.820	91	105612	19.19 ug/l	91
79) Bromobenzene	6.784	77	68012	22.88 ug/l	94
80) 1,3,5-Trimethylbenzene	6.904	105	78656	18.99 ug/l	95
81) t-Butylbenzene	7.090	119	72575	20.47 ug/l	89
82) 1,2,4-Trimethylbenzene	7.114	105	89240	21.03 ug/l	96
83) sec-Butylbenzene	7.210	105	80112	19.66 ug/l	97
84) 4-Isopropyltoluene	7.283	119	67797	19.18 ug/l	91
85) n-Butylbenzene	7.511	91	78970	18.90 ug/l	92
86) p-Diethylbenzene	7.493	119	41391	19.27 ug/l	92
87) 1,2,4,5-Tetramethylben...	7.937	119	69986	20.18 ug/l	93
88) 1,2-Dibromo-3-Chloropr...	7.985	157	7960	18.68 ug/l	91
89) Hexachlorobutadiene	8.550	225	21456	17.93 ug/l	93
90) 1,2,4-Trichlorobenzene	8.460	180	34541	18.14 ug/l	98
91) 1,2,3-Trichlorobenzene	8.754	180	30548	15.81 ug/l	94
92) Naphthalene	8.616	128	68060	16.70 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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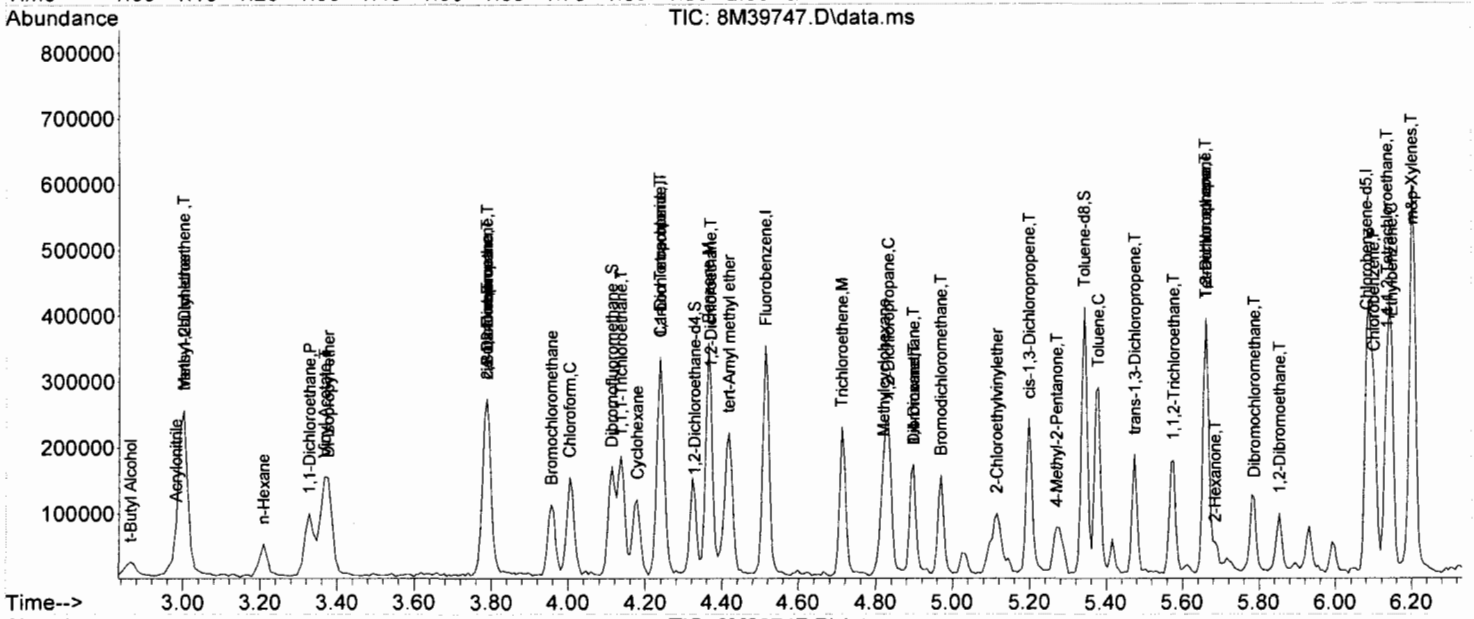
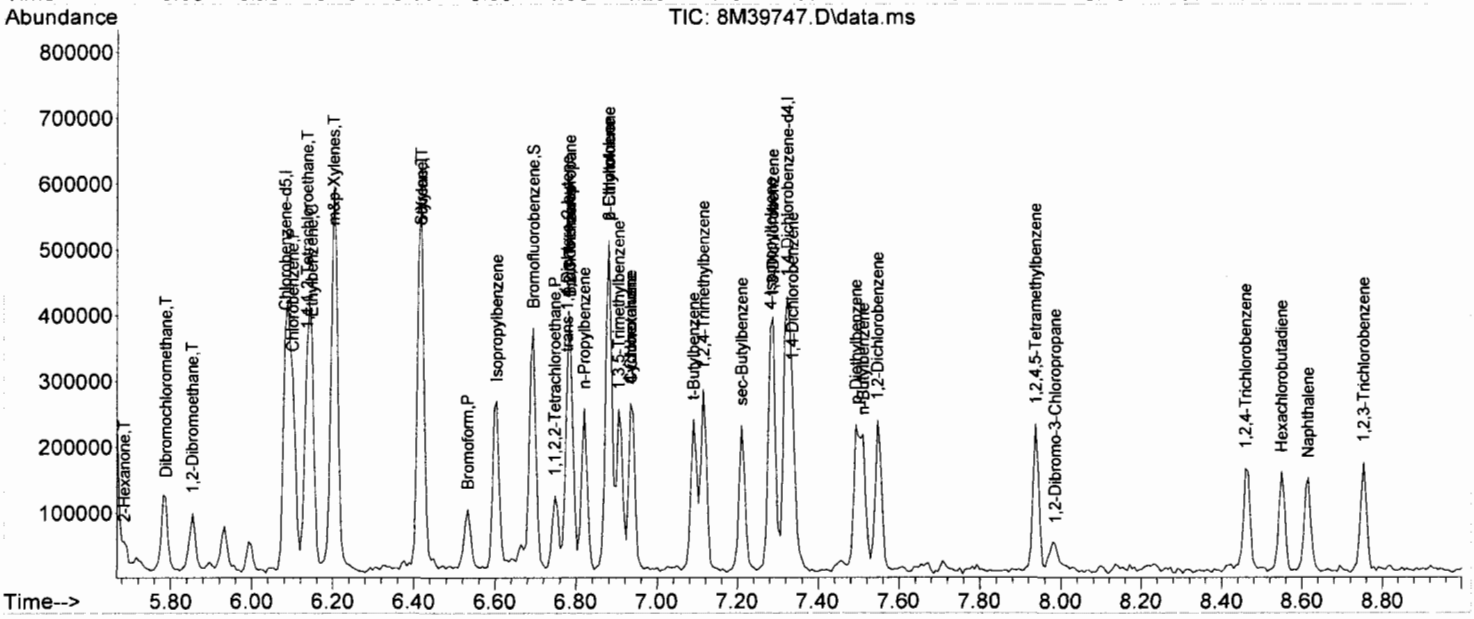
Quant Not Reviewed
SampleID : MBS
Data File: 8M39747.D
Acq On : 07/17/09 07:34
Operator : SG
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 07:54
Qt Upd On: 07/16/09 13:24
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39747.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Time-->


Abundance
TIC: 8M39747.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
t-Butylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 2M43908.D
Acq On : 07/17/09 08:31

Operator : SG
Sam Mult : 1 Vial# : 9
Misc : A,5ML

Qt Meth : 2M_A0630.M
Qt On : 07/17/09 09:16
Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.395	96	96570	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.200	117	68054	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.607	152	35046	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.944	111	28470	32.24	ug/l	-0.01
Spiked Amount 30.000			Recovery = 107.47%			
32) 1,2-Dichloroethane-d4	4.178	102	6024	30.05	ug/l	-0.01
Spiked Amount 30.000			Recovery = 100.17%			
56) Toluene-d8	5.345	100	58289	29.25	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.50%			
64) Bromofluorobenzene	6.897	174	31458	30.09	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.30%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.241	51	73807	30.34	ug/l	22
3) Dichlorodifluoromethane	1.241	85	10262	8.27	ug/l	99
4) Chloromethane	1.358	50	17512	13.22	ug/l	100
5) Bromomethane	1.657	94	9422	16.06	ug/l	92
6) Vinyl Chloride	1.424	62	16202	14.81	ug/l	93
7) Chloroethane	1.707	64	9442	15.88	ug/l	99
8) Trichlorofluoromethane	1.890	101	23735	16.00	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.241	101	16407	16.39	ug/l	93
10) Methylene Chloride	2.596	84	16855	14.53	ug/l	77
11) Acrolein	2.173	56	6579	71.84	ug/l	96
12) Acrylonitrile	2.784	53	4788	11.28	ug/l	79
13) Iodomethane	2.360	142	25398	16.68	ug/l	88
14) Acetone	2.291	43	24236	58.37	ug/l	94
15) Carbon Disulfide	2.409	76	37765	14.37	ug/l	100
16) t-Butyl Alcohol	2.665	59	5700	50.97	ug/l	84
17) n-Hexane	2.991	57	9949	12.89	ug/l	85
18) Di-isopropyl-ether	3.148	45	51727	12.05	ug/l	95
19) 1,1-Dichloroethene	2.251	61	23398	11.79	ug/l	99
20) Methyl Acetate	2.517	43	13936	13.58	ug/l	100
21) Methyl-t-butyl ether	2.784	73	38619	13.57	ug/l	96
22) 1,1-Dichloroethane	3.119	63	26465	13.56	ug/l	99
23) trans-1,2-Dichloroethene	2.793	96	14973	15.56	ug/l	75
24) cis-1,2-Dichloroethene	3.572	61	26939	13.64	ug/l	91
25) Bromochloromethane	3.769	49	13646	15.81	ug/l	88
26) 2,2-Dichloropropane	3.572	77	19257	12.41	ug/l	94
27) 1,4-Dioxane	4.834	88	6430	572.02	ug/l	89
28) 1,1-Dichloropropene	4.076	75	18669	14.44	ug/l	99
29) Chloroform	3.829	83	27586	16.01	ug/l	99
31) Cyclohexane	3.998	56	16631	12.55	ug/l	97
33) 1,2-Dichloroethane	4.233	62	24152	15.81	ug/l	99
34) 2-Butanone	3.582	43	7580	12.87	ug/l	93
35) 1,1,1-Trichloroethane	3.962	97	19187	15.16	ug/l	93
36) Carbon Tetrachloride	4.076	117	16138	16.30	ug/l	85
37) Vinyl Acetate	3.148	43	45384	10.99	ug/l	100
38) Bromodichloromethane	4.918	83	16779	12.37	ug/l	94
39) Methylcyclohexane	4.732	83	13899	12.75	ug/l	95
40) Dibromomethane	4.828	174	9365	13.15	ug/l	95
41) 1,2-Dichloropropane	4.756	63	12606	12.52	ug/l	96
42) Trichloroethene	4.618	130	13112	13.74	ug/l	88
43) Benzene	4.221	78	49086	14.27	ug/l	100
44) tert-Amyl methyl ether	4.281	73	31821	13.11	ug/l	94
46) Dibromochloromethane	5.863	129	12226	11.55	ug/l	93
47) 2-Chloroethylvinylether	5.087	63	7077	9.88	ug/l	96
48) cis-1,3-Dichloropropene	5.183	75	18408	10.37	ug/l	96
49) trans-1,3-Dichloropropene	5.508	75	16523	10.07	ug/l	96
50) 1,1,2-Trichloroethane	5.622	97	10657	12.83	ug/l	95
51) 1,2-Dibromoethane	5.935	107	12778	13.35	ug/l	98
52) 1,3-Dichloropropane	5.718	76	20480	13.64	ug/l	94
53) 4-Methyl-2-Pentanone	5.267	43	11550	10.69	ug/l	92
54) 2-Hexanone	5.748	43	8464	11.15	ug/l	96
55) Tetrachloroethene	5.706	164	10563	15.06	ug/l	99
57) Toluene	5.381	92	30349	14.33	ug/l	91
58) 1,1,1,2-Tetrachloroethane	6.260	133	10977	15.04	ug/l	96
59) Chlorobenzene	6.218	112	33828	14.33	ug/l	96
61) Bromoform	6.717	173	7006	8.81	ug/l	100
62) Ethylbenzene	6.272	106	13403	13.02	ug/l	79
63) 1,1,2,2-Tetrachloroethane	6.964	83	13007	11.60	ug/l	85
65) Styrene	6.585	104	33033	12.84	ug/l	94
66) m&p-Xylenes	6.338	106	39343	26.76	ug/l	95

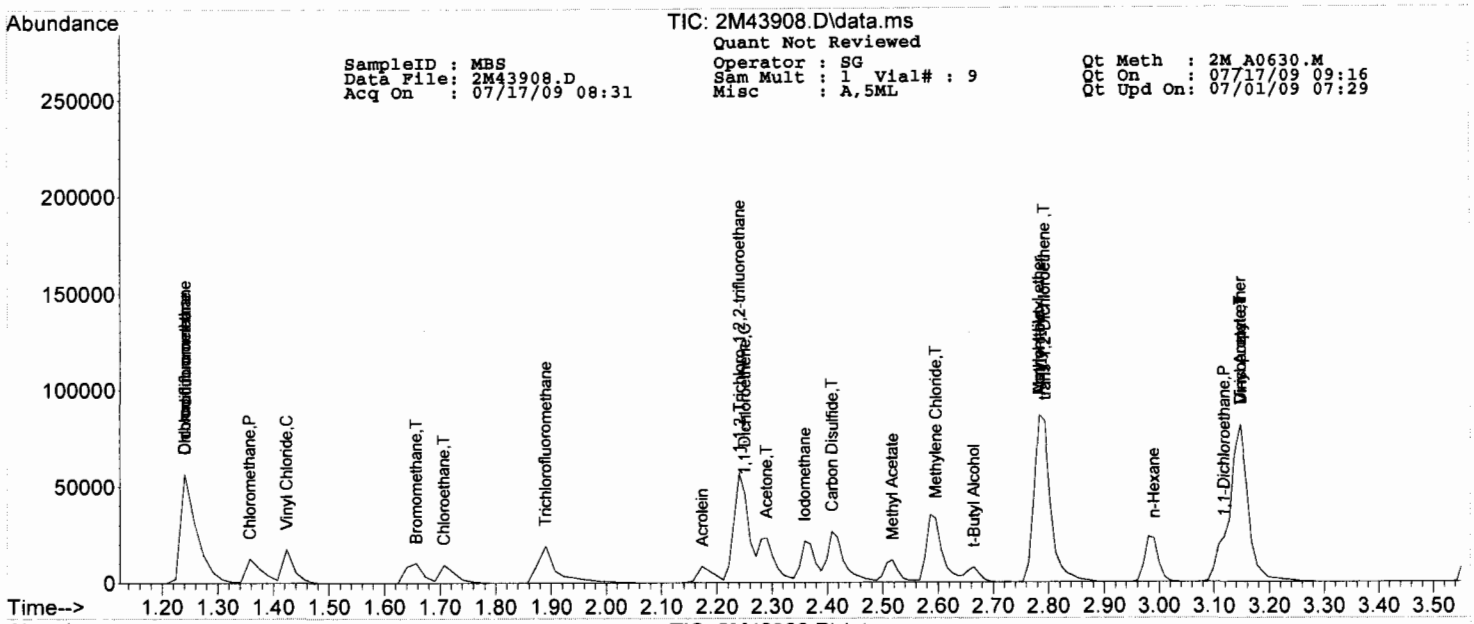
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : SG Qt Meth : 2M_A0630.M
Data File: 2M43908.D Sam Mult : 1 Vial# : 9 Qt On : 07/17/09 09:16
Acq On : 07/17/09 08:31 Misc : A,5ML Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67)	o-Xylene	6.579	106	18934	13.26 ug/l	90
68)	trans-1,4-Dichloro-2-b...	6.994	53	3992	10.16 ug/l	85
69)	1,3-Dichlorobenzene	7.565	146	23848	14.04 ug/l	94
70)	1,4-Dichlorobenzene	7.619	146	23868	12.94 ug/l	89
71)	1,2-Dichlorobenzene	7.860	146	22030	12.95 ug/l	94
72)	Isopropylbenzene	6.789	105	46808	13.26 ug/l	96
73)	Cyclohexanone	6.867	55	2512	59.07 ug/l	91
74)	1,2,3-Trichloropropane	7.000	75	16954	11.54 ug/l	99
75)	2-Chlorotoluene	7.102	91	33728	13.97 ug/l	96
76)	p-Ethyltoluene	7.102	105	46971	13.91 ug/l	97
77)	4-Chlorotoluene	7.168	91	31112	12.79 ug/l	99
78)	n-Propylbenzene	7.036	91	58557	13.79 ug/l	99
79)	Bromobenzene	7.000	77	30078	12.87 ug/l	91
80)	1,3,5-Trimethylbenzene	7.132	105	41151	14.82 ug/l	92
81)	t-Butylbenzene	7.342	119	35208	14.30 ug/l	92
82)	1,2,4-Trimethylbenzene	7.367	105	41802	14.25 ug/l	88
83)	sec-Butylbenzene	7.475	105	41802	13.93 ug/l	94
84)	4-Isopropyltoluene	7.553	119	34263	14.51 ug/l	95
85)	n-Butylbenzene	7.812	91	40911	14.65 ug/l	95
86)	p-Diethylbenzene	7.794	119	20064	13.83 ug/l	97
87)	1,2,4,5-Tetramethylben...	8.293	119	33147	16.07 ug/l	96
88)	1,2-Dibromo-3-Chloropr...	8.353	157	1695	6.68 ug/l	61
89)	Hexachlorobutadiene	8.973	225	5466	13.48 ug/l	99
90)	1,2,4-Trichlorobenzene	8.882	180	11717	12.19 ug/l	98
91)	1,2,3-Trichlorobenzene	9.213	180	11762	12.18 ug/l	95
92)	Naphthalene	9.057	128	28012	11.07 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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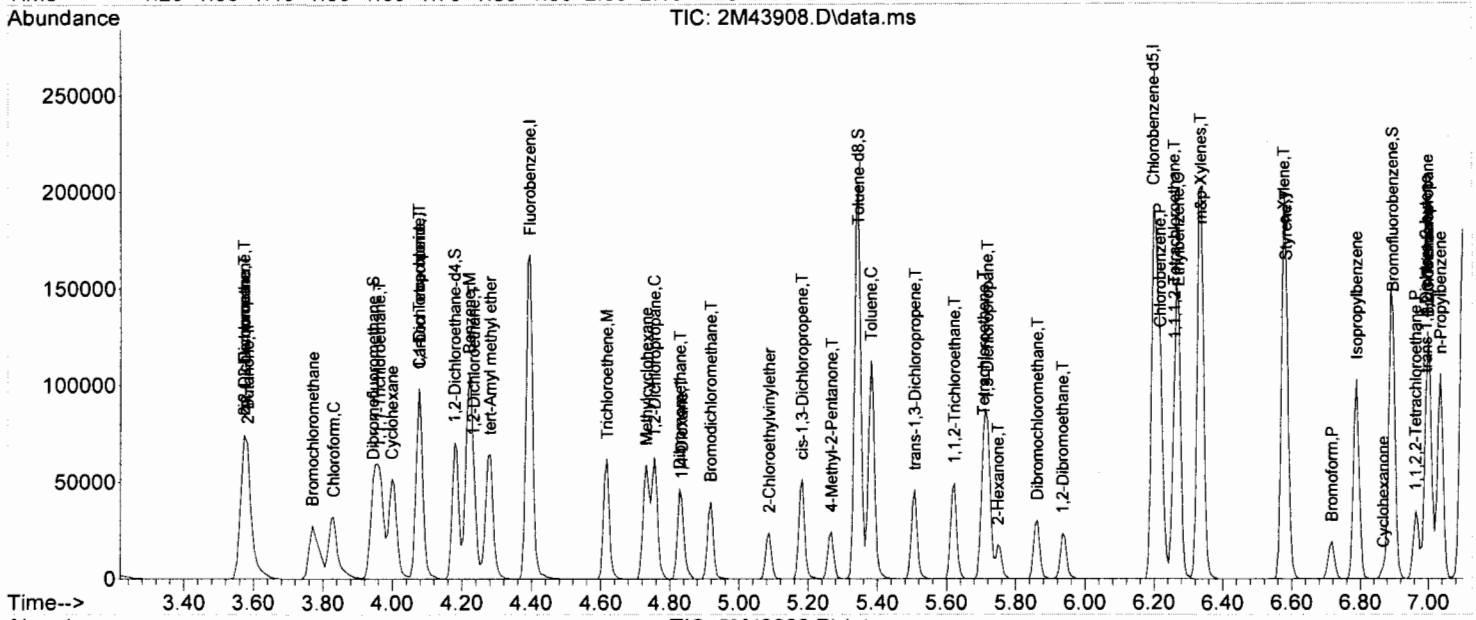
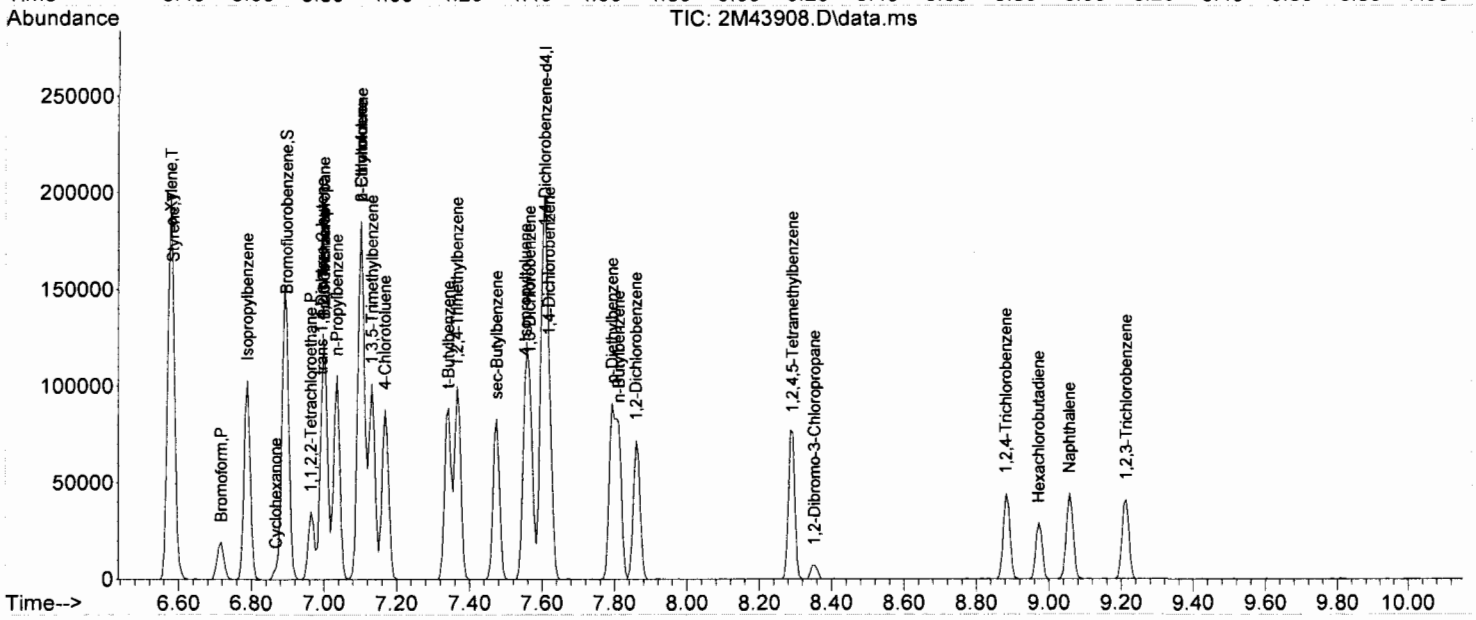
TIC: 2M43908.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 2M43908.D
Acq On : 07/17/09 08:31
Operator : SG
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 07/17/09 09:16
Qt Upd On: 07/01/09 07:29
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 2M43908.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
Time-->


Abundance
TIC: 2M43908.D\data.ms
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 2M43914.D
Acq On : 07/17/09 10:09

Operator : SG
Sam Mult : 1 Vial# : 14
Misc : A,5ML

Qt Meth : 2M_A0630.M
Qt On : 07/17/09 10:26
Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.394	96	92202	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.199	117	69131	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.606	152	34116	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.943	111	27899	33.09	ug/l	-0.01
Spiked Amount 30.000			Recovery = 110.30%			
32) 1,2-Dichloroethane-d4	4.184	102	5842	30.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.73%			
56) Toluene-d8	5.345	100	58395	28.84	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.13%			
64) Bromofluorobenzene	6.897	174	30182	29.66	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.87%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.244	51	67647	29.12	ug/l	44
3) Dichlorodifluoromethane	1.244	85	23164	19.56	ug/l	89
4) Chloromethane	1.361	50	27839	22.01	ug/l	91
5) Bromomethane	1.644	94	13958	24.91	ug/l	96
6) Vinyl Chloride	1.427	62	24363	23.32	ug/l	97
7) Chloroethane	1.710	64	15289	26.93	ug/l	99
8) Trichlorofluoromethane	1.893	101	36526	25.79	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.241	101	22721	23.78	ug/l	93
10) Methylene Chloride	2.586	84	21867	19.75	ug/l	88
11) Acrolein	2.176	56	9361	107.06	ug/l	96
12) Acrylonitrile	2.773	53	6964	17.18	ug/l	79
13) Iodomethane	2.359	142	33993	23.38	ug/l	80
14) Acetone	2.290	43	33418	84.30	ug/l	100
15) Carbon Disulfide	2.408	76	56143	22.38	ug/l	100
16) t-Butyl Alcohol	2.665	59	7487	70.11	ug/l	86
17) n-Hexane	2.990	57	13918	18.89	ug/l	89
18) Di-isopropyl-ether	3.148	45	69479	16.95	ug/l	98
19) 1,1-Dichloroethene	2.251	61	37494	19.79	ug/l	97
20) Methyl Acetate	2.517	43	18888	19.28	ug/l	100
21) Methyl-t-butyl ether	2.783	73	54704	20.13	ug/l	96
22) 1,1-Dichloroethane	3.118	63	36692	19.69	ug/l	96
23) trans-1,2-Dichloroethene	2.793	96	20154	21.93	ug/l	77
24) cis-1,2-Dichloroethene	3.572	61	37253	19.76	ug/l	92
25) Bromochloromethane	3.769	49	18512	22.47	ug/l	77
26) 2,2-Dichloropropane	3.572	77	30161	20.36	ug/l	93
27) 1,4-Dioxane	4.833	88	9477	883.03	ug/l	91
28) 1,1-Dichloropropene	4.075	75	27115	21.97	ug/l	99
29) Chloroform	3.829	83	39279	23.87	ug/l	97
31) Cyclohexane	4.003	56	23906	18.90	ug/l	98
33) 1,2-Dichloroethane	4.232	62	35288	24.19	ug/l	100
34) 2-Butanone	3.582	43	9422	16.75	ug/l	96
35) 1,1,1-Trichloroethane	3.967	97	28658	23.72	ug/l	100
36) Carbon Tetrachloride	4.075	117	23950	25.34	ug/l	87
37) Vinyl Acetate	3.148	43	64820	16.45	ug/l	100
38) Bromodichloromethane	4.917	83	26931	20.79	ug/l	91
39) Methylcyclohexane	4.731	83	22383	21.51	ug/l	92
40) Dibromomethane	4.833	174	13926	20.47	ug/l	93
41) 1,2-Dichloropropane	4.755	63	18771	19.52	ug/l	98
42) Trichloroethene	4.617	130	19796	21.72	ug/l	92
43) Benzene	4.220	78	69891	21.28	ug/l	100
44) tert-Amyl methyl ether	4.280	73	45583	19.68	ug/l	94
46) Dibromochloromethane	5.862	129	19910	18.51	ug/l	98
47) 2-Chloroethylvinylether	5.086	63	10310	14.17	ug/l	89
48) cis-1,3-Dichloropropene	5.182	75	28454	15.78	ug/l	93
49) trans-1,3-Dichloropropene	5.507	75	26911	16.14	ug/l	98
50) 1,1,2-Trichloroethane	5.621	97	15897	18.84	ug/l	96
51) 1,2-Dibromoethane	5.940	107	18849	19.39	ug/l	99
52) 1,3-Dichloropropane	5.724	76	30959	20.29	ug/l	98
53) 4-Methyl-2-Pentanone	5.266	43	16903	15.40	ug/l	91
54) 2-Hexanone	5.754	43	12225	15.86	ug/l	98
55) Tetrachloroethene	5.705	164	15620	21.93	ug/l	95
57) Toluene	5.381	92	44683	20.77	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.259	133	17195	23.20	ug/l	93
59) Chlorobenzene	6.217	112	48286	20.13	ug/l	94
61) Bromoform	6.716	173	11345	14.65	ug/l	97
62) Ethylbenzene	6.271	106	21488	21.44	ug/l	95
63) 1,1,2,2-Tetrachloroethane	6.963	83	18562	17.01	ug/l	89
65) Styrene	6.584	104	50406	20.13	ug/l	99
66) m&p-Xylenes	6.337	106	58848	41.12	ug/l	96

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 2M43914.D
Acq On : 07/17/09 10:09

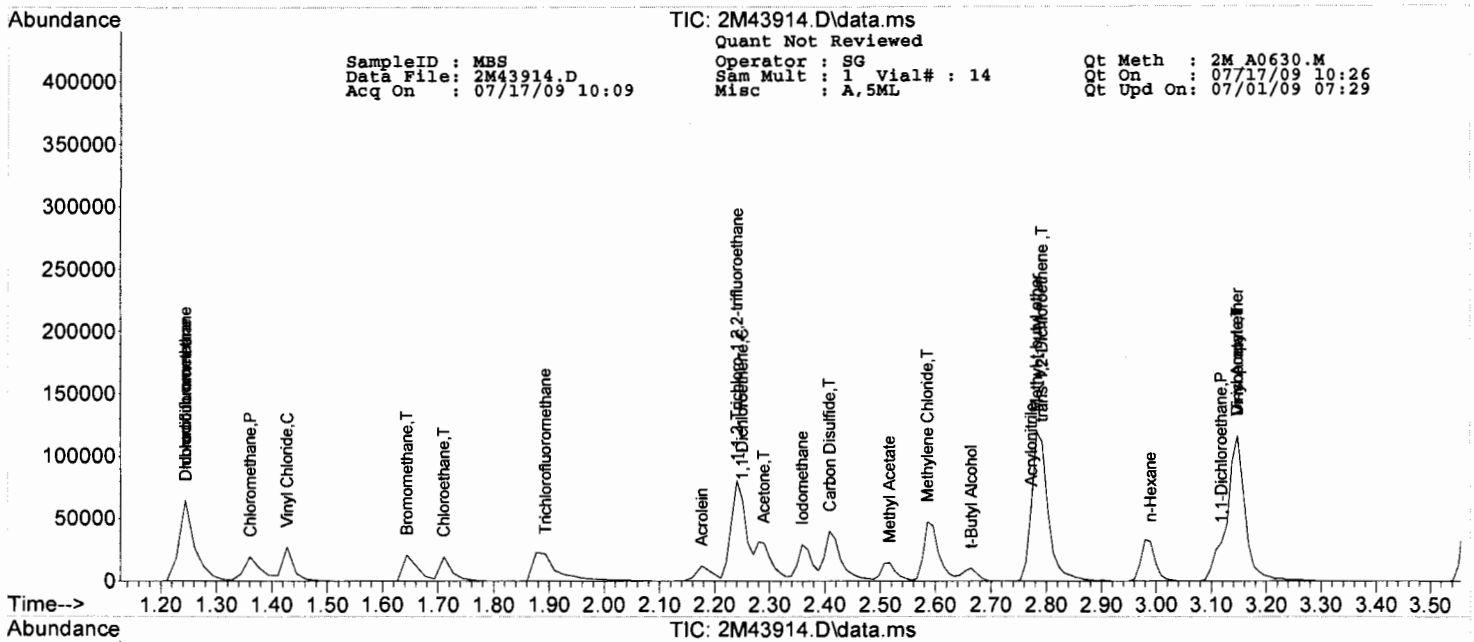
Operator : SG
Sam Mult : 1 Vial# : 14
Misc : A,5ML

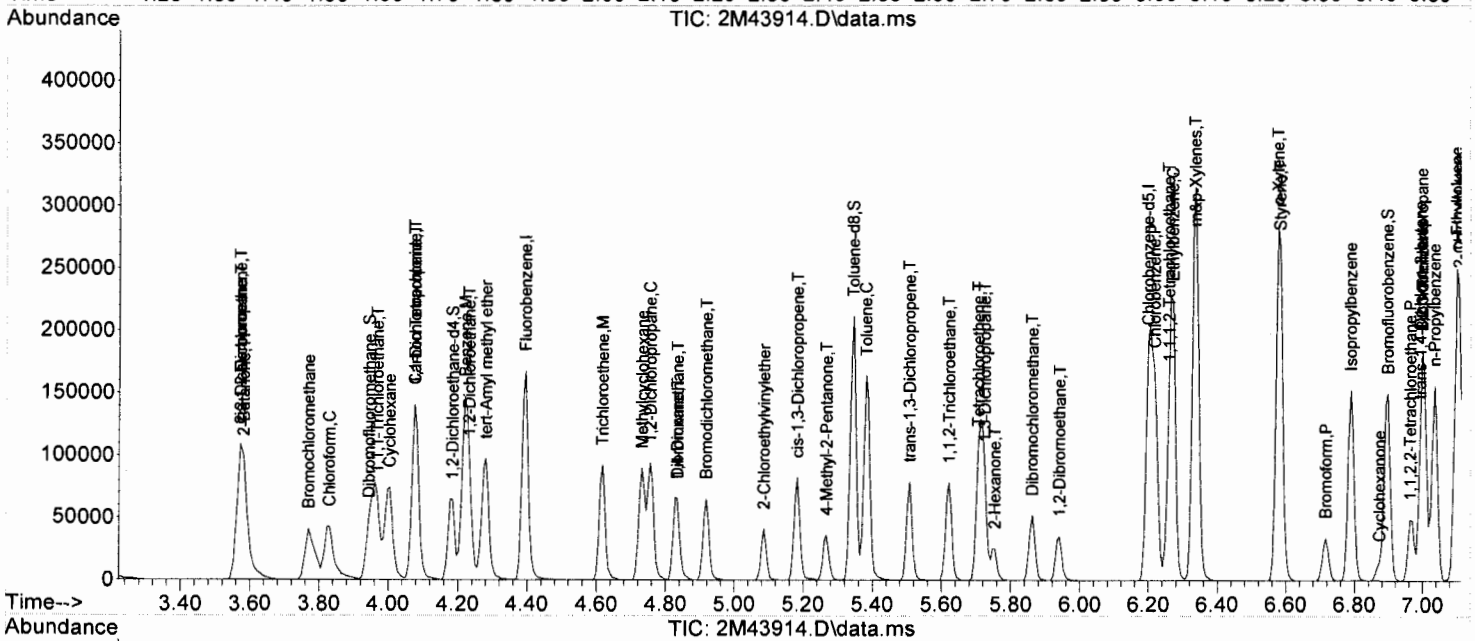
Qt Meth : 2M_A0630.M
Qt On : 07/17/09 10:26
Qt Upd On: 07/01/09 07:29

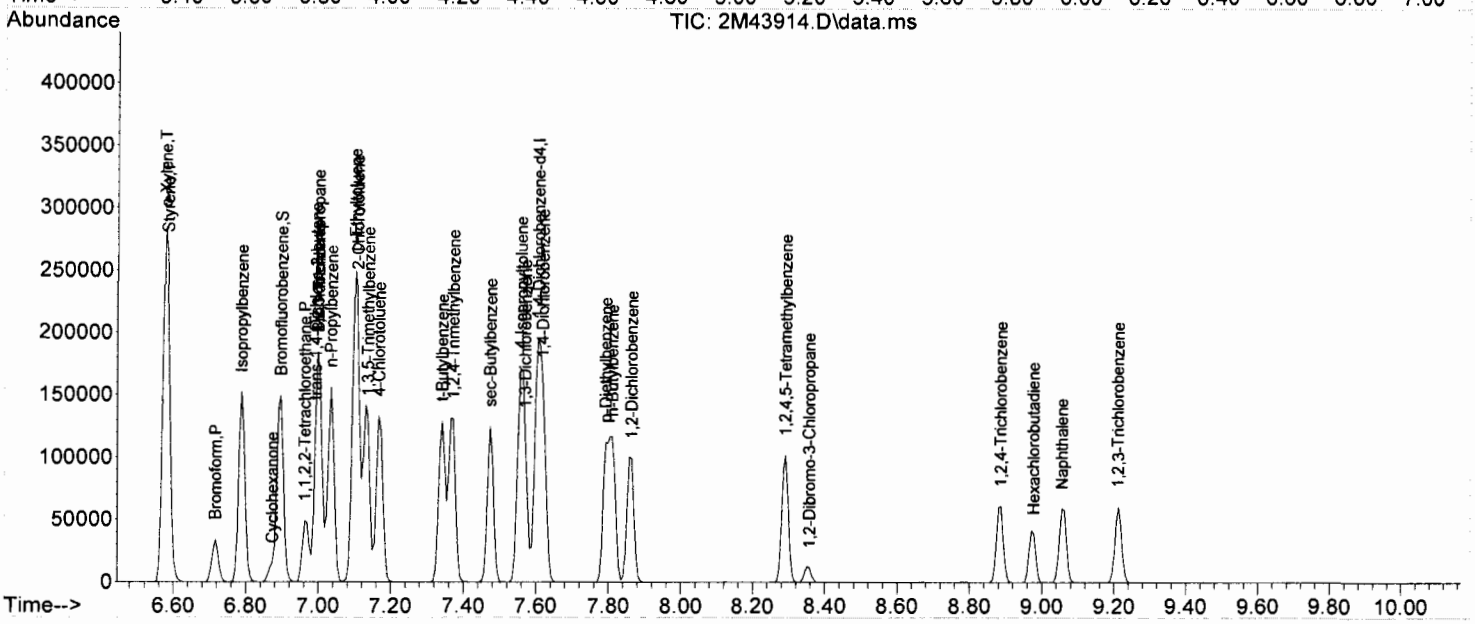
Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.578	106	28786	20.72 ug/l	91
68) trans-1,4-Dichloro-2-b...	6.993	53	6727	17.58 ug/l	96
69) 1,3-Dichlorobenzene	7.570	146	33402	20.20 ug/l	94
70) 1,4-Dichlorobenzene	7.618	146	33757	18.80 ug/l	91
71) 1,2-Dichlorobenzene	7.865	146	30861	18.64 ug/l	93
72) Isopropylbenzene	6.788	105	69480	20.21 ug/l	97
73) Cyclohexanone	6.872	55	4281	103.41 ug/l	97
74) 1,2,3-Trichloropropane	6.999	75	25412	17.77 ug/l	98
75) 2-Chlorotoluene	7.107	91	50880	21.65 ug/l	96
76) p-Ethyltoluene	7.101	105	67643	20.58 ug/l	98
77) 4-Chlorotoluene	7.167	91	46856	19.79 ug/l	96
78) n-Propylbenzene	7.035	91	85736	20.74 ug/l	99
79) Bromobenzene	6.999	77	41916	18.42 ug/l	93
80) 1,3,5-Trimethylbenzene	7.137	105	54567	20.19 ug/l	99
81) t-Butylbenzene	7.342	119	49537	20.67 ug/l	88
82) 1,2,4-Trimethylbenzene	7.372	105	59259	20.75 ug/l	88
83) sec-Butylbenzene	7.474	105	60207	20.61 ug/l	95
84) 4-Isopropyltoluene	7.558	119	48870	21.26 ug/l	95
85) n-Butylbenzene	7.811	91	55339	20.35 ug/l	98
86) p-Diethylbenzene	7.793	119	25654	18.16 ug/l	99
87) 1,2,4,5-Tetramethylben...	8.292	119	43566	21.69 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.358	157	2990	12.11 ug/l	84
89) Hexachlorobutadiene	8.978	225	7410	18.77 ug/l	97
90) 1,2,4-Trichlorobenzene	8.888	180	16237	17.36 ug/l	98
91) 1,2,3-Trichlorobenzene	9.212	180	15732	16.74 ug/l	97
92) Naphthalene	9.056	128	38921	15.80 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M43914.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 2M43914.D
Acq On : 07/17/09 10:09
Operator : SG
Sam Mult : 1 Vial# : 14
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 07/17/09 10:26
Qt Upd On: 07/01/09 07:29
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 2M43914.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
Time-->


Abundance
TIC: 2M43914.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 2M43925.D
Acq On : 07/17/09 13:09

Operator : SG
Sam Mult : 1 Vial# : 24
Misc : A,5ML

Qt Meth : 2M_A0630.M
Qt On : 07/17/09 14:48
Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.394	96	100428	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.205	117	80202	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.606	152	39663	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	3.949	111	28906	31.47	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.90%			
32) 1,2-Dichloroethane-d4	4.184	102	6322	30.32	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.07%			
56) Toluene-d8	5.345	100	63655	27.10	ug/l	0.00
Spiked Amount 30.000			Recovery = 90.33%			
64) Bromofluorobenzene	6.897	174	34687	29.32	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.73%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.243	51	81479	32.20	ug/l	38
3) Dichlorodifluoromethane	1.243	85	23023	17.85	ug/l	95
4) Chloromethane	1.359	50	28901	20.98	ug/l	99
5) Bromomethane	1.642	94	13653	22.37	ug/l	100
6) Vinyl Chloride	1.426	62	26713	23.48	ug/l	96
7) Chloroethane	1.708	64	15585	25.20	ug/l	100
8) Trichlorofluoromethane	1.892	101	38052	24.67	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.240	101	25504	24.50	ug/l	93
10) Methylene Chloride	2.595	84	25416	21.07	ug/l	84
11) Acrolein	2.174	56	11452	120.25	ug/l	98
12) Acrylonitrile	2.783	53	7934	17.97	ug/l	100
13) Iodomethane	2.369	142	38250	24.16	ug/l	90
14) Acetone	2.290	43	41160	95.33	ug/l	97
15) Carbon Disulfide	2.418	76	62334	22.81	ug/l	100
16) t-Butyl Alcohol	2.664	59	9911	85.21	ug/l	87
17) n-Hexane	2.990	57	16181	20.16	ug/l	91
18) Di-isopropyl-ether	3.148	45	88195	19.75	ug/l	94
19) 1,1-Dichloroethene	2.250	61	44305	21.47	ug/l	95
20) Methyl Acetate	2.517	43	24071	22.56	ug/l	100
21) Methyl-t-butyl ether	2.783	73	65295	22.06	ug/l	98
22) 1,1-Dichloroethane	3.118	63	43078	21.23	ug/l	98
23) trans-1,2-Dichloroethene	2.793	96	21890	21.87	ug/l	86
24) cis-1,2-Dichloroethene	3.581	61	40739	19.83	ug/l	97
25) Bromochloromethane	3.769	49	20802	23.18	ug/l	96
26) 2,2-Dichloropropane	3.581	77	31862	19.74	ug/l	95
27) 1,4-Dioxane	4.833	88	11358	971.61	ug/l	80
28) 1,1-Dichloropropene	4.075	75	30159	22.43	ug/l	98
29) Chloroform	3.829	83	41859	23.35	ug/l	96
31) Cyclohexane	4.003	56	27610	20.04	ug/l	98
33) 1,2-Dichloroethane	4.232	62	36369	22.89	ug/l	99
34) 2-Butanone	3.591	43	12411	20.26	ug/l	95
35) 1,1,1-Trichloroethane	3.967	97	29740	22.59	ug/l	91
36) Carbon Tetrachloride	4.081	117	23981	23.29	ug/l	93
37) Vinyl Acetate	3.148	43	77288	18.00	ug/l	100
38) Bromodichloromethane	4.918	83	27095	19.20	ug/l	95
39) Methylcyclohexane	4.731	83	23905	21.09	ug/l	95
40) Dibromomethane	4.833	174	15178	20.49	ug/l	94
41) 1,2-Dichloropropane	4.755	63	21349	20.38	ug/l	94
42) Trichloroethene	4.617	130	20738	20.89	ug/l	96
43) Benzene	4.220	78	76367	21.35	ug/l	100
44) tert-Amyl methyl ether	4.280	73	54165	21.47	ug/l	90
46) Dibromochloromethane	5.862	129	19192	15.38	ug/l	95
47) 2-Chloroethylvinylether	5.086	63	12575	14.90	ug/l	87
48) cis-1,3-Dichloropropene	5.182	75	31534	15.07	ug/l	93
49) trans-1,3-Dichloropropene	5.507	75	29069	15.03	ug/l	98
50) 1,1,2-Trichloroethane	5.621	97	17632	18.01	ug/l	96
51) 1,2-Dibromoethane	5.940	107	20595	18.26	ug/l	91
52) 1,3-Dichloropropane	5.724	76	33457	18.90	ug/l	93
53) 4-Methyl-2-Pentanone	5.266	43	20377	16.01	ug/l	98
54) 2-Hexanone	5.754	43	15441	17.27	ug/l	94
55) Tetrachloroethene	5.712	164	16659	20.16	ug/l	99
57) Toluene	5.387	92	48953	19.61	ug/l	95
58) 1,1,1,2-Tetrachloroethane	6.265	133	18747	21.80	ug/l	97
59) Chlorobenzene	6.223	112	54346	19.53	ug/l	97
61) Bromoform	6.716	173	12072	13.41	ug/l	100
62) Ethylbenzene	6.271	106	22616	19.41	ug/l	88
63) 1,1,2,2-Tetrachloroethane	6.969	83	24691	19.46	ug/l	83
65) Styrene	6.584	104	56664	19.46	ug/l	98
66) m&p-Xylenes	6.337	106	66604	40.03	ug/l	96

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 2M43925.D
Acq On : 07/17/09 13:09

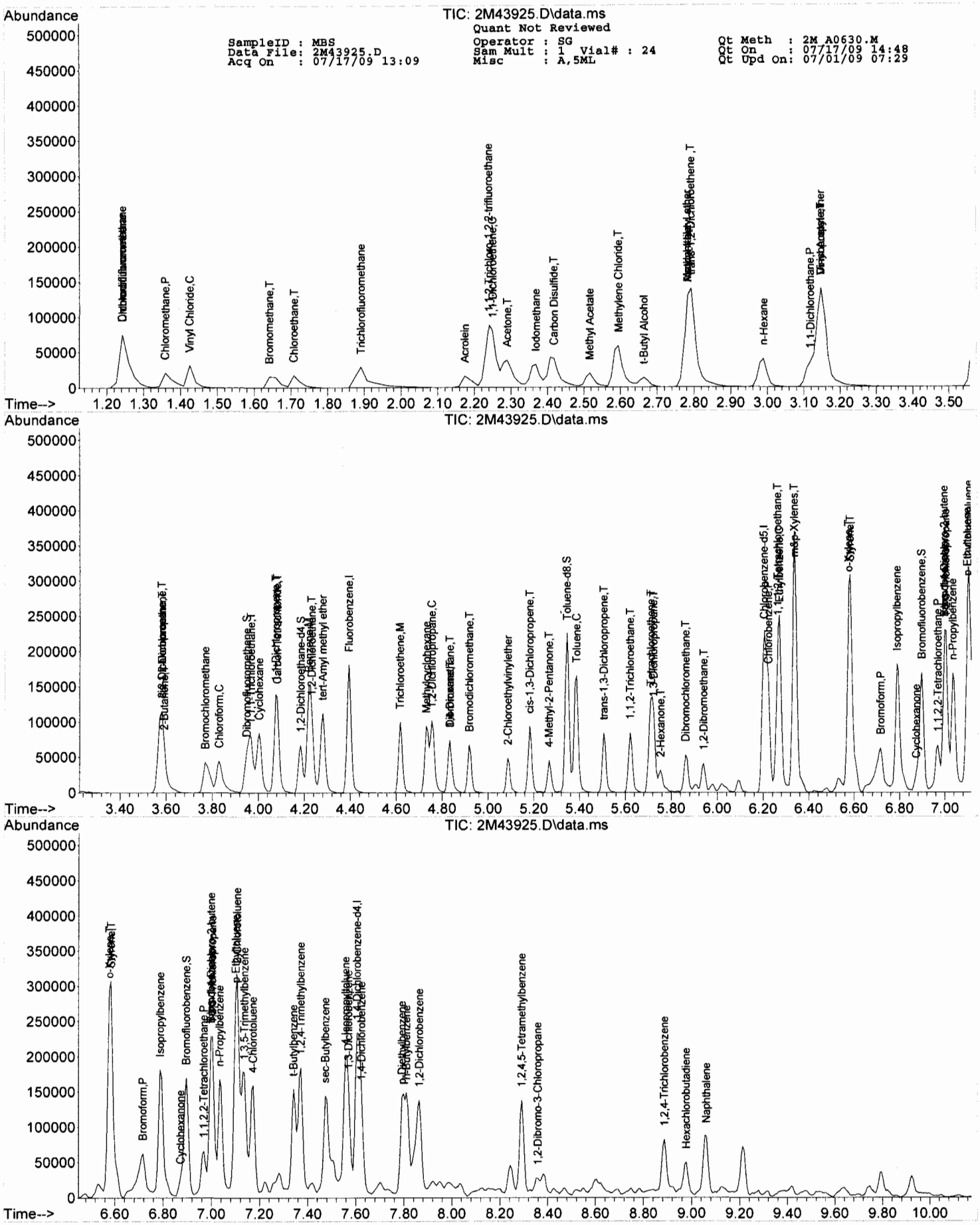
Operator : SG
Sam Mult : 1 Vial# : 24
Misc : A,5ML

Qt Meth : 2M_A0630.M
Qt On : 07/17/09 14:48
Qt Upd On: 07/01/09 07:29

Data Path : G:\GcMsData\2009\GCMS_2\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_2\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.578	106	31680	19.61 ug/l	72
68) trans-1,4-Dichloro-2-b...	6.999	53	8509	19.13 ug/l	83
69) 1,3-Dichlorobenzene	7.570	146	37277	19.39 ug/l	94
70) 1,4-Dichlorobenzene	7.624	146	38805	18.59 ug/l	90
71) 1,2-Dichlorobenzene	7.865	146	36579	19.01 ug/l	93
72) Isopropylbenzene	6.788	105	77914	19.50 ug/l	97
73) Cyclohexanone	6.873	55	5957	123.78 ug/l	97
74) 1,2,3-Trichloropropane	7.005	75	29206	17.57 ug/l	98
75) 2-Chlorotoluene	7.107	91	56305	20.61 ug/l	97
76) p-Ethyltoluene	7.101	105	74395	19.47 ug/l	95
77) 4-Chlorotoluene	7.173	91	53272	19.35 ug/l	97
78) n-Propylbenzene	7.035	91	96998	20.18 ug/l	99
79) Bromobenzene	6.999	77	47576	17.98 ug/l	94
80) 1,3,5-Trimethylbenzene	7.137	105	64119	20.41 ug/l	95
81) t-Butylbenzene	7.342	119	58142	20.87 ug/l	92
82) 1,2,4-Trimethylbenzene	7.372	105	71621	21.57 ug/l	89
83) sec-Butylbenzene	7.474	105	69434	20.44 ug/l	95
84) 4-Isopropyltoluene	7.558	119	56523	21.15 ug/l	97
85) n-Butylbenzene	7.811	91	65334	20.67 ug/l	97
86) p-Diethylbenzene	7.793	119	32582	19.84 ug/l	97
87) 1,2,4,5-Tetramethylben...	8.292	119	57550	24.65 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.358	157	3270	11.39 ug/l	81
89) Hexachlorobutadiene	8.978	225	8031	17.50 ug/l	97
90) 1,2,4-Trichlorobenzene	8.888	180	19299	17.75 ug/l	96
92) Naphthalene	9.062	128	52099	18.19 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 2M43925.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 2M43925.D
Acq On : 07/17/09 13:09
Operator : SG
Sam Mult : 1 Vial# : 24
Misc : A,5ML
Qt Meth : 2M_A0630.M
Qt On : 07/17/09 14:48
Qt Upd On: 07/01/09 07:29
Abundance
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Toluene,C
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
1,1,2,2-Tetrachloroethane,P
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 8M39776.D
Acq On : 07/17/09 15:31

Operator : SG
Sam Mult : 1 Vial# : 33
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/17/09 15:51
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.518	96	168465	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.086	117	118420	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.323	152	64991	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.110	111	60005	30.63	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.10%			
32) 1,2-Dichloroethane-d4	4.326	102	10653	32.18	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.27%			
56) Toluene-d8	5.341	100	96590	30.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.27%			
64) Bromofluorobenzene	6.693	174	67206	28.19	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.97%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.317	85	42315	22.09	ug/l	94
4) Chloromethane	1.459	50	47051	25.05	ug/l	91
5) Bromomethane	1.779	94	24319	20.10	ug/l	86
6) Vinyl Chloride	1.534	62	40149	21.21	ug/l	99
7) Chloroethane	1.855	64	22022	21.09	ug/l	93
8) Trichlorofluoromethane	2.043	101	61363	20.14	ug/l	97
9) 1,1,2-Trichloro-1,2,2-...	2.429	101	27529	19.33	ug/l	81
10) Methylene Chloride	2.784	84	38590	20.25	ug/l	96
11) Acrolein	2.350	56	20149	72.43	ug/l	95
12) Acrylonitrile	2.971	53	12049	22.65	ug/l	84
13) Iodomethane	2.547	142	75293	19.70	ug/l	81
14) Acetone	2.459	43	49995	91.63	ug/l	100
15) Carbon Disulfide	2.606	76	99768	19.17	ug/l	100
16) t-Butyl Alcohol	2.862	59	16332	97.40	ug/l	82
17) n-Hexane	3.207	57	14539	13.48	ug/l	79
18) Di-isopropyl-ether	3.374	45	115242	19.36	ug/l	100
19) 1,1-Dichloroethene	2.429	61	54515	18.83	ug/l	95
20) Methyl Acetate	2.705	43	30694	23.60	ug/l	100
21) Methyl-t-butyl ether	3.000	73	105979	18.27	ug/l	92
22) 1,1-Dichloroethane	3.325	63	72590	21.07	ug/l	96
23) trans-1,2-Dichloroethene	3.000	96	40426	24.21	ug/l	98
24) cis-1,2-Dichloroethene	3.785	61	61322	18.82	ug/l	92
25) Bromochloromethane	3.953	49	28582	19.50	ug/l	63
26) 2,2-Dichloropropane	3.785	77	53697	19.88	ug/l	98
27) 1,4-Dioxane	4.903	88	15585	826.56	ug/l	96
28) 1,1-Dichloropropene	4.236	75	49721	21.08	ug/l	94
29) Chloroform	4.008	83	75702	21.32	ug/l	93
31) Cyclohexane	4.176	56	34006	18.03	ug/l	92
33) 1,2-Dichloroethane	4.368	62	64451	21.50	ug/l	95
34) 2-Butanone	3.791	43	11552	15.62	ug/l	85
35) 1,1,1-Trichloroethane	4.134	97	63163	20.50	ug/l	88
36) Carbon Tetrachloride	4.242	117	56254	21.61	ug/l	94
37) Vinyl Acetate	3.364	43	104303	16.05	ug/l	100
38) Bromodichloromethane	4.969	83	50066	17.91	ug/l	82
39) Methylcyclohexane	4.824	83	28871	20.01	ug/l	93
40) Dibromomethane	4.897	174	32959	19.04	ug/l	95
41) 1,2-Dichloropropane	4.837	63	35656	20.97	ug/l	93
42) Trichloroethene	4.716	130	40381	20.27	ug/l	89
43) Benzene	4.362	78	128068	24.52	ug/l	100
44) tert-Amyl methyl ether	4.416	73	94491	19.81	ug/l	81
46) Dibromochloromethane	5.786	129	39063	18.43	ug/l	99
47) 2-Chloroethylvinylether	5.113	63	19004	20.17	ug/l	95
48) cis-1,3-Dichloropropene	5.197	75	51341	18.32	ug/l	94
49) trans-1,3-Dichloropropene	5.473	75	52583	18.85	ug/l	95
50) 1,1,2-Trichloroethane	5.575	97	30707	20.30	ug/l	96
51) 1,2-Dibromoethane	5.852	107	33282	18.73	ug/l	97
52) 1,3-Dichloropropane	5.665	76	47724	18.37	ug/l	95
53) 4-Methyl-2-Pentanone	5.269	43	27699	20.39	ug/l	97
54) 2-Hexanone	5.683	43	17288	19.35	ug/l	92
55) Tetrachloroethene	5.665	164	30992	20.09	ug/l	89
57) Toluene	5.377	92	72241	22.45	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.134	133	35190	20.09	ug/l	94
59) Chlorobenzene	6.098	112	85180	20.50	ug/l	98
61) Bromoform	6.530	173	27238	17.40	ug/l	92
62) Ethylbenzene	6.146	106	36480	19.77	ug/l	79
63) 1,1,2,2-Tetrachloroethane	6.753	83	34544	21.09	ug/l	82
65) Styrene	6.416	104	77993	19.62	ug/l	78
66) m&p-Xylenes	6.206	106	85929	44.61	ug/l	92
67) o-Xylene	6.416	106	47663	21.70	ug/l	83

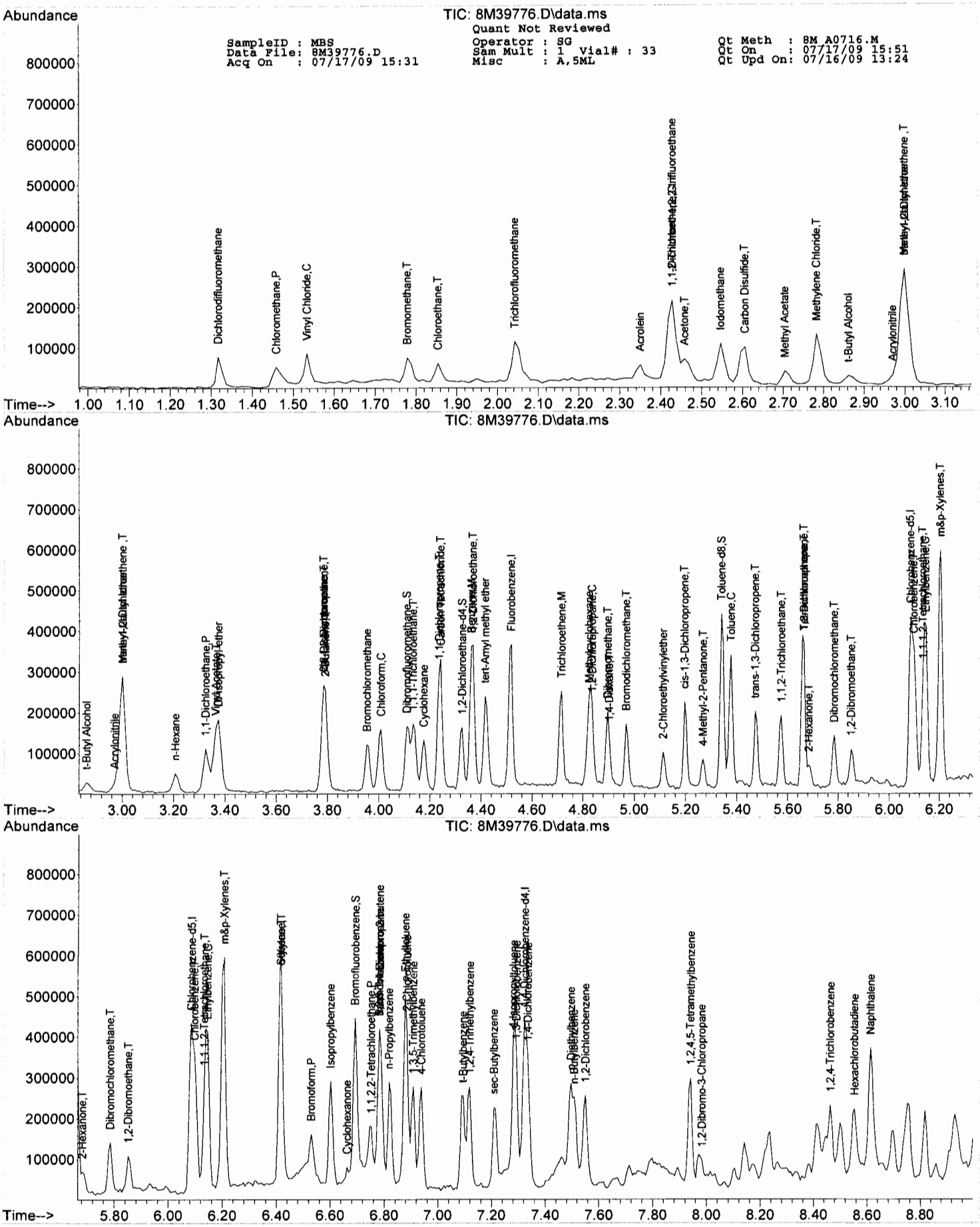
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : SG Qt Meth : 8M_A0716.M
Data File: 8M39776.D Sam Mult : 1 Vial# : 33 Qt On : 07/17/09 15:51
Acq On : 07/17/09 15:31 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-17-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	6.783	53	11606	19.45 ug/l	46
69) 1,3-Dichlorobenzene	7.293	146	60079	20.56 ug/l	96
70) 1,4-Dichlorobenzene	7.335	146	58627	17.71 ug/l	91
71) 1,2-Dichlorobenzene	7.552	146	56891	18.57 ug/l	97
72) Isopropylbenzene	6.603	105	95677	18.31 ug/l	97
73) Cyclohexanone	6.663	55	8657	170.10 ug/l	83
74) 1,2,3-Trichloropropane	6.783	75	43900	19.47 ug/l	96
75) 2-Chlorotoluene	6.885	91	79201	18.29 ug/l	96
76) p-Ethyltoluene	6.879	105	90156	19.44 ug/l	96
77) 4-Chlorotoluene	6.939	91	80600	18.99 ug/l	93
78) n-Propylbenzene	6.819	91	113344	20.02 ug/l	93
79) Bromobenzene	6.783	77	65010	21.26 ug/l	87
80) 1,3,5-Trimethylbenzene	6.909	105	81907	19.23 ug/l	93
81) t-Butylbenzene	7.095	119	78713	21.58 ug/l	90
82) 1,2,4-Trimethylbenzene	7.119	105	88585	20.29 ug/l	90
83) sec-Butylbenzene	7.209	105	85343	20.36 ug/l	97
84) 4-Isopropyltoluene	7.281	119	72867	20.04 ug/l	94
85) n-Butylbenzene	7.510	91	80946	18.83 ug/l	96
86) p-Diethylbenzene	7.498	119	48902	22.13 ug/l	98
87) 1,2,4,5-Tetramethylben...	7.942	119	89925	25.21 ug/l	98
88) 1,2-Dibromo-3-Chloropr...	7.984	157	8873	20.24 ug/l	95
89) Hexachlorobutadiene	8.555	225	23749	19.29 ug/l	97
90) 1,2,4-Trichlorobenzene	8.465	180	34226	17.47 ug/l	90
92) Naphthalene	8.615	128	128780	30.71 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39776.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 8M39776.D
Acq On : 07/17/09 15:31
Operator : SG
Sam Mult : 1 Vial# : 33
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 15:51
Qt Upd On: 07/16/09 13:24
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Time-->
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
Time-->

Form3

MBS Data

Method: 8260

Data File:==>					8M39876.D			8M39951.D			8M39974.D								
Data/Batch/Sample ID:==>					MBS12830-Aq			MBS12845-Aq			MBS12849-Aq								
Date/Time:==>					07/21/09 09:11			07/22/09 11:19			07/22/09 17:34								
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane		44-134	1	0	18.38	20	92	19.34	20	97	16.94	20	85						
1,1-Dichloroethene		21-133	1	0	17.87	20	89	19.24	20	96	16.58	20	83						
1,2-Dichlorobenzen		50-126	1	0	16.64	20	83	16.93	20	85	15.63	20	78						
1,2-Dichloroethane		43-144	1	0	23.16	20	116	20.84	20	104	17.7	20	89						
1,4-Dichlorobenzen		45-128	1	0	16.23	20	81	16.58	20	83	14.16	20	71						
2-Butanone		25-157	1	0	16.8	20	84	15.9	20	79	14.54	20	73						
Benzene		49-135	1	0	21.88	20	109	21.06	20	105	20.12	20	101						
Carbon Tetrachlorid		42-146	1	0	23.25	20	116	21	20	105	20.33	20	102						
Chlorobenzene		51-129	1	0	18.14	20	91	16.31	20	82	15.46	20	77						
Chloroform		40-148	1	0	20.27	20	101	20.11	20	101	18	20	90						
n-Propylbenzene		45-135	1	0	17.06	20	85	18.32	20	92	15.88	20	79						
sec-Butylbenzene		43-123	1	0	16.92	20	85	17.33	20	87	15.84	20	79						
Tetrachloroethene		42-138	1	0	17.85	20	89	16.89	20	84	16.37	20	82						
Toluene		53-129	1	0	19.42	20	97	17.67	20	88	17.74	20	89						
Trichloroethene		46-127	1	0	19.26	20	96	19.46	20	97	17.98	20	90						
Vinyl Chloride		21-137	1	0	19.59	20	98	19.64	20	98	19.18	20	96						

Flags/Notes: **** - Values outside of limits for this column/run***

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 8M39876.D
Acq On : 07/21/09 09:11

Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/21/09 09:28
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-21-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.507	96	142318	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.074	117	105410	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.318	152	59642	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.104	111	53421	32.28	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.60%			
32) 1,2-Dichloroethane-d4	4.314	102	7967	28.49	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.97%			
56) Toluene-d8	5.336	100	81410	28.76	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.87%			
64) Bromofluorobenzene	6.687	174	56733	25.93	ug/l	0.00
Spiked Amount 30.000			Recovery = 86.43%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.315	85	29762	18.39	ug/l	99
4) Chloromethane	1.447	50	32391	20.41	ug/l	91
5) Bromomethane	1.777	94	22902	22.41	ug/l	94
6) Vinyl Chloride	1.523	62	31332	19.59	ug/l	95
7) Chloroethane	1.852	64	17253	19.56	ug/l	89
8) Trichlorofluoromethane	2.041	101	51974	20.20	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.410	101	27137	22.56	ug/l	87
10) Methylene Chloride	2.774	84	30881	19.18	ug/l	84
11) Acrolein	2.341	56	25097	106.79	ug/l	98
12) Acrylonitrile	2.951	53	10026	22.31	ug/l	78
13) Iodomethane	2.538	142	65084	20.16	ug/l	71
14) Acetone	2.449	43	45677	99.09	ug/l	97
15) Carbon Disulfide	2.587	76	90068	20.48	ug/l	100
16) t-Butyl Alcohol	2.853	59	13477	95.14	ug/l	90
17) n-Hexane	3.197	57	16851	18.49	ug/l	75
18) Di-isopropyl-ether	3.355	45	86214	17.15	ug/l	96
19) 1,1-Dichloroethene	2.420	61	43714	17.87	ug/l	96
20) Methyl Acetate	2.695	43	23982	21.83	ug/l	100
21) Methyl-t-butyl ether	2.991	73	90840	18.53	ug/l	91
22) 1,1-Dichloroethane	3.316	63	53497	18.38	ug/l	98
23) trans-1,2-Dichloroethene	2.991	96	32331	22.92	ug/l	88
24) cis-1,2-Dichloroethene	3.774	61	50018	18.17	ug/l	86
25) Bromochloromethane	3.948	49	21896	17.69	ug/l	90
26) 2,2-Dichloropropane	3.774	77	49556	21.71	ug/l	97
27) 1,4-Dioxane	4.891	88	14236	893.73	ug/l	94
28) 1,1-Dichloropropene	4.224	75	36911	18.52	ug/l	89
29) Chloroform	3.996	83	60796	20.27	ug/l	87
31) Cyclohexane	4.164	56	28161	17.67	ug/l	91
33) 1,2-Dichloroethane	4.356	62	58300	23.16	ug/l	93
34) 2-Butanone	3.774	43	10495	16.80	ug/l	98
35) 1,1,1-Trichloroethane	4.128	97	54109	20.79	ug/l	99
36) Carbon Tetrachloride	4.230	117	51120	23.25	ug/l	88
37) Vinyl Acetate	3.355	43	84249	15.35	ug/l	100
38) Bromodichloromethane	4.963	83	43327	18.35	ug/l	94
39) Methylcyclohexane	4.813	83	21814	17.90	ug/l	97
40) Dibromomethane	4.891	174	27038	18.49	ug/l	91
41) 1,2-Dichloropropane	4.825	63	25321	17.63	ug/l	77
42) Trichloroethene	4.705	130	32407	19.26	ug/l	85
43) Benzene	4.356	78	96545	21.88	ug/l	100
44) tert-Amyl methyl ether	4.410	73	23609	5.86	ug/l	80
46) Dibromochloromethane	5.774	129	32699	17.33	ug/l	98
47) 2-Chloroethylvinylether	5.101	63	14680	17.50	ug/l	88
48) cis-1,3-Dichloropropene	5.191	75	40306	16.15	ug/l	100
49) trans-1,3-Dichloropropene	5.468	75	39570	15.94	ug/l	99
50) 1,1,2-Trichloroethane	5.564	97	23191	17.22	ug/l	89
51) 1,2-Dibromoethane	5.846	107	27781	17.56	ug/l	93
52) 1,3-Dichloropropane	5.654	76	36999	16.00	ug/l	94
53) 4-Methyl-2-Pentanone	5.257	43	19741	16.33	ug/l	91
54) 2-Hexanone	5.678	43	13847	17.41	ug/l	91
55) Tetrachloroethene	5.654	164	24512	17.85	ug/l	83
57) Toluene	5.366	92	55623	19.42	ug/l	94
58) 1,1,1,2-Tetrachloroethane	6.128	133	31416	20.15	ug/l	81
59) Chlorobenzene	6.092	112	67080	18.14	ug/l	99
61) Bromoform	6.525	173	22984	16.00	ug/l	99
62) Ethylbenzene	6.140	106	29040	17.15	ug/l	98
63) 1,1,2,2-Tetrachloroethane	6.741	83	25264	16.81	ug/l	87
65) Styrene	6.411	104	63223	17.33	ug/l	94
66) m&p-Xylenes	6.195	106	75250	42.57	ug/l	98
67) o-Xylene	6.405	106	39423	19.56	ug/l	87

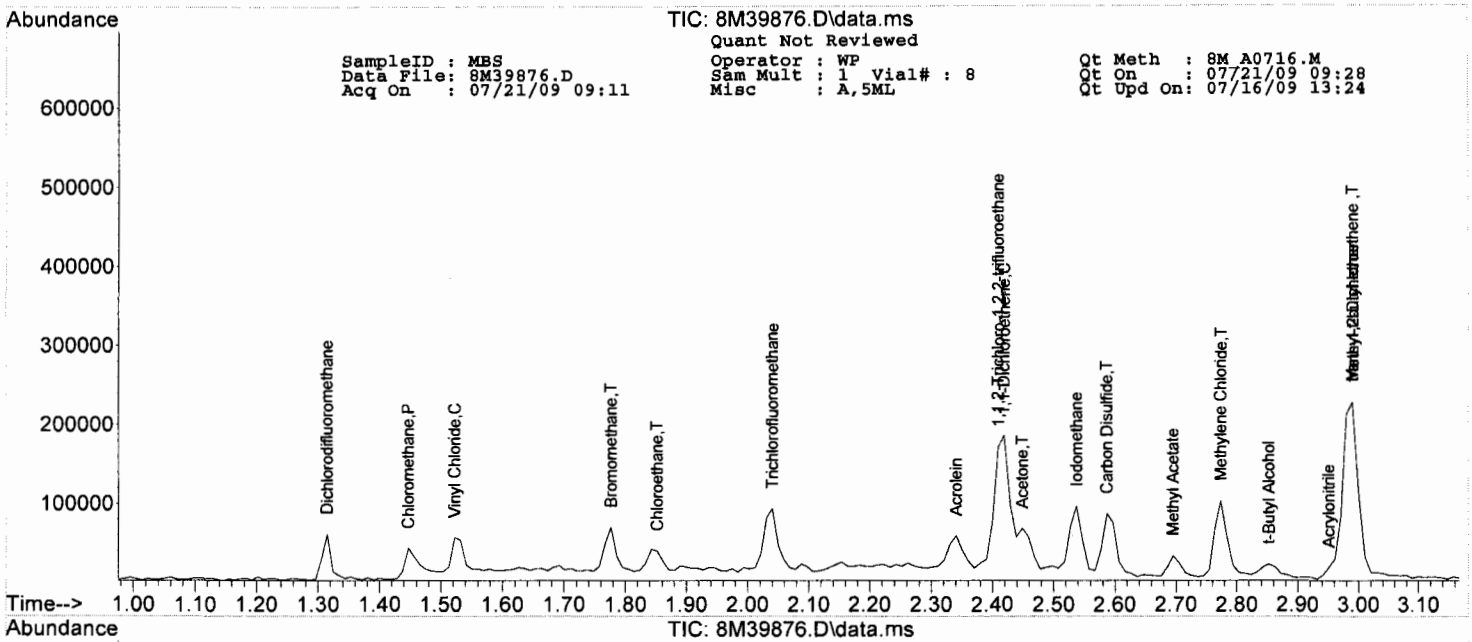
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39876.D Sam Mult : 1 Vial# : 8 Qt On : 07/21/09 09:28
Acq On : 07/21/09 09:11 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-21-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68)	trans-1,4-Dichloro-2-b...	6.771	53	8551	15.62 ug/l	50
69)	1,3-Dichlorobenzene	7.282	146	46883	17.48 ug/l	93
70)	1,4-Dichlorobenzene	7.330	146	49292	16.23 ug/l	94
71)	1,2-Dichlorobenzene	7.540	146	46788	16.64 ug/l	94
72)	Isopropylbenzene	6.597	105	78070	16.28 ug/l	96
73)	Cyclohexanone	6.657	55	3907	83.65 ug/l	70
74)	1,2,3-Trichloropropane	6.777	75	33445	16.17 ug/l	96
75)	2-Chlorotoluene	6.873	91	73960	18.61 ug/l	93
76)	p-Ethyltoluene	6.873	105	78555	18.46 ug/l	100
77)	4-Chlorotoluene	6.933	91	60888	15.63 ug/l	91
78)	n-Propylbenzene	6.813	91	88633	17.06 ug/l	100
79)	Bromobenzene	6.777	77	56796	20.24 ug/l	96
80)	1,3,5-Trimethylbenzene	6.897	105	64620	16.53 ug/l	92
81)	t-Butylbenzene	7.084	119	59634	17.81 ug/l	87
82)	1,2,4-Trimethylbenzene	7.108	105	69635	17.38 ug/l	91
83)	sec-Butylbenzene	7.204	105	65099	16.92 ug/l	99
84)	4-Isopropyltoluene	7.276	119	56376	16.90 ug/l	92
85)	n-Butylbenzene	7.504	91	64474	16.35 ug/l	96
86)	p-Diethylbenzene	7.486	119	32165	15.86 ug/l	93
87)	1,2,4,5-Tetramethylben...	7.931	119	58396	17.84 ug/l	99
88)	1,2-Dibromo-3-Chloropr...	7.979	157	5156	12.82 ug/l	72
89)	Hexachlorobutadiene	8.549	225	16714	14.79 ug/l	99
90)	1,2,4-Trichlorobenzene	8.459	180	24637	13.70 ug/l	98
91)	1,2,3-Trichlorobenzene	8.748	180	21497	11.79 ug/l	89
92)	Naphthalene	8.609	128	55250	14.36 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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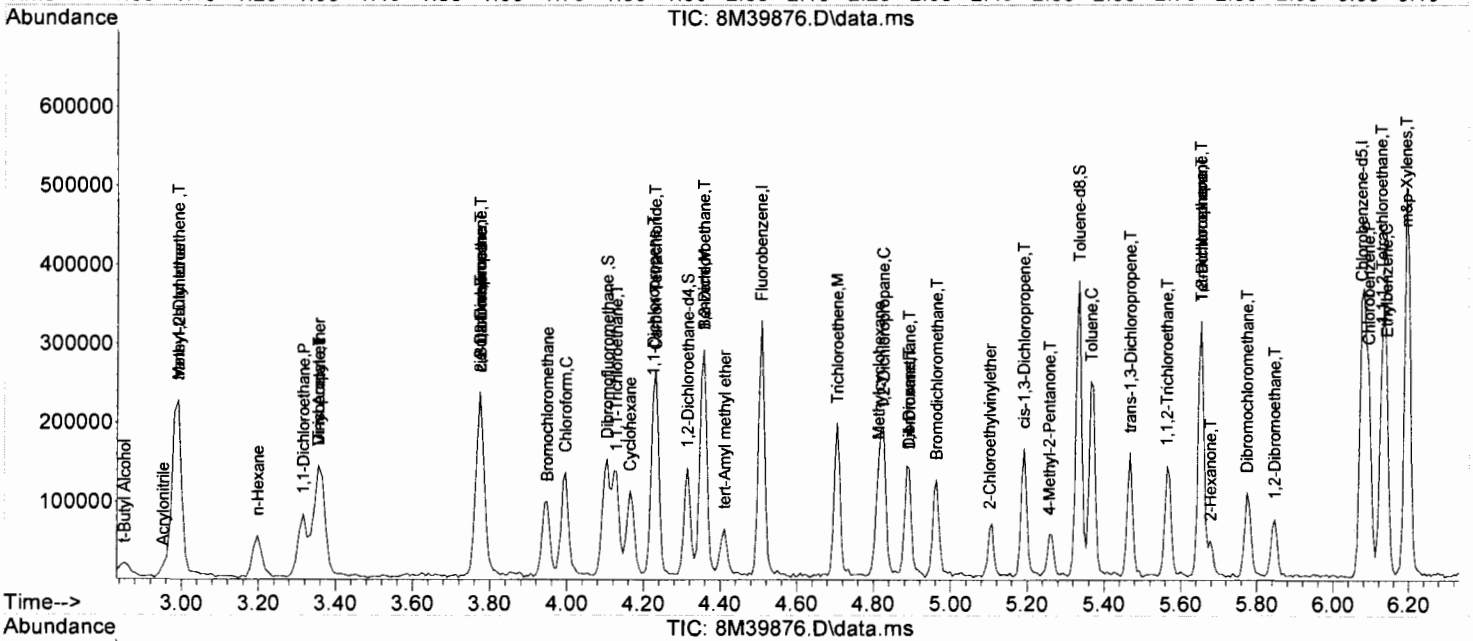
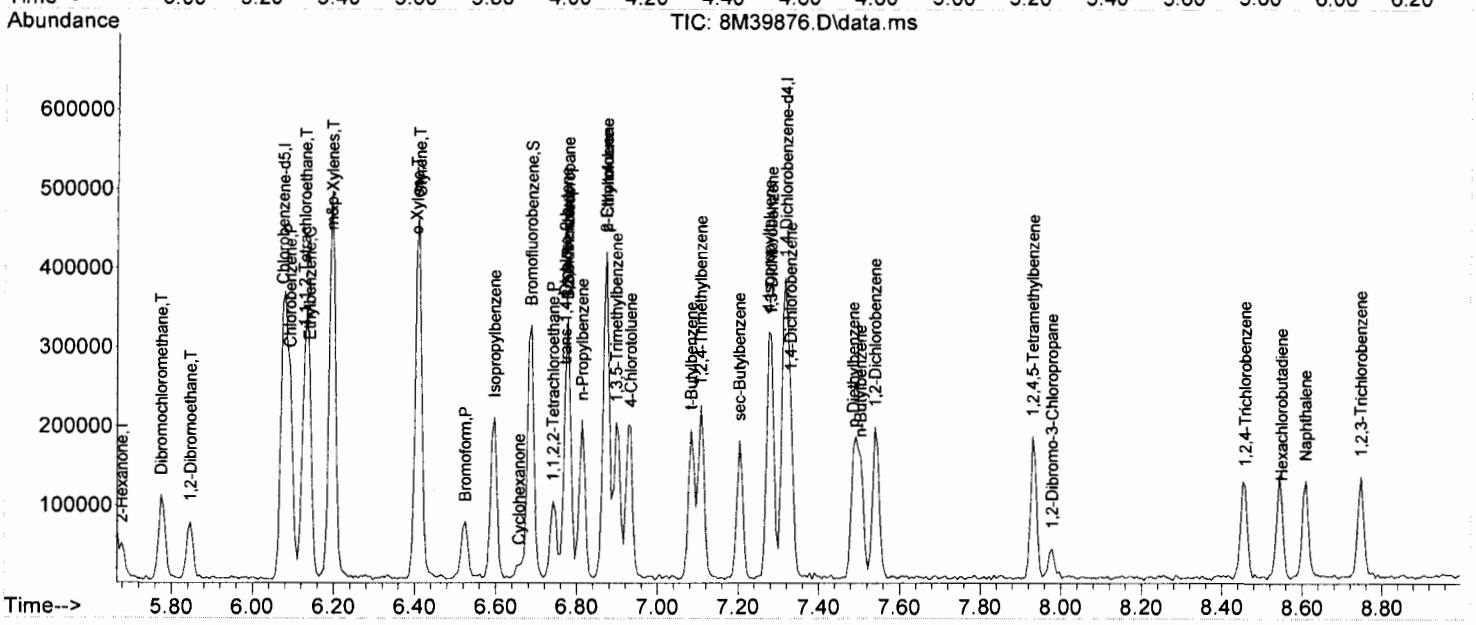
Quant Not Reviewed
SampleID : MBS
Data File: 8M39876.D
Acq On : 07/21/09 09:11
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/21/09 09:28
Qt Upd On: 07/16/09 13:24
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39876.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Time-->


Abundance
TIC: 8M39876.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 8M39951.D
Acq On : 07/22/09 11:19

Operator : WP
Sam Mult : 1 Vial# : 56
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/22/09 11:58
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.507	96	135622	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.075	117	102098	30.00	ug/l	-0.01
60) 1,4-Dichlorobenzene-d4	7.312	152	53966	30.00	ug/l	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.098	111	51271	32.51	ug/l	-0.01
Spiked Amount 30.000			Recovery = 108.37%			
32) 1,2-Dichloroethane-d4	4.309	102	9764	36.64	ug/l	-0.01
Spiked Amount 30.000			Recovery = 122.13%			
56) Toluene-d8	5.330	100	80691	29.43	ug/l	-0.01
Spiked Amount 30.000			Recovery = 98.10%			
64) Bromofluorobenzene	6.687	174	62912	31.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.93%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.314	51	60266	22.89	ug/l	69
3) Dichlorodifluoromethane	1.314	85	29036	18.82	ug/l	89
4) Chloromethane	1.446	50	31755	21.00	ug/l	100
5) Bromomethane	1.776	94	23377	24.00	ug/l	91
6) Vinyl Chloride	1.521	62	29923	19.64	ug/l	96
7) Chloroethane	1.842	64	17665	21.02	ug/l	94
8) Trichlorofluoromethane	2.030	101	51393	20.96	ug/l	95
9) 1,1,2-Trichloro-1,2,2-...	2.410	101	23628	20.61	ug/l	90
10) Methylene Chloride	2.775	84	28809	18.78	ug/l	88
11) Acrolein	2.342	56	12988	57.99	ug/l	97
12) Acrylonitrile	2.952	53	7622	17.80	ug/l	84
13) Iodomethane	2.538	142	55094	17.91	ug/l	81
14) Acetone	2.450	43	35796	81.49	ug/l	96
15) Carbon Disulfide	2.588	76	75619	18.05	ug/l	100
16) t-Butyl Alcohol	2.853	59	9955	73.75	ug/l	79
17) n-Hexane	3.198	57	12105	13.94	ug/l	84
18) Di-isopropyl-ether	3.356	45	76742	16.02	ug/l	96
19) 1,1-Dichloroethene	2.410	61	44850	19.24	ug/l	91
20) Methyl Acetate	2.696	43	19070	18.22	ug/l	100
21) Methyl-t-butyl ether	2.981	73	71544	15.32	ug/l	88
22) 1,1-Dichloroethane	3.306	63	53659	19.34	ug/l	99
23) trans-1,2-Dichloroethene	2.981	96	28394	21.12	ug/l	83
24) cis-1,2-Dichloroethene	3.768	61	50422	19.22	ug/l	97
25) Bromochloromethane	3.942	49	21015	17.81	ug/l	97
26) 2,2-Dichloropropane	3.774	77	46327	21.30	ug/l	90
27) 1,4-Dioxane	4.885	88	10808	712.02	ug/l	90
28) 1,1-Dichloropropene	4.224	75	37638	19.82	ug/l	88
29) Chloroform	3.990	83	57476	20.11	ug/l	99
31) Cyclohexane	4.164	56	25041	16.49	ug/l	97
33) 1,2-Dichloroethane	4.357	62	50423	20.84	ug/l	98
34) 2-Butanone	3.780	43	9468	15.90	ug/l	91
35) 1,1,1-Trichloroethane	4.122	97	51225	20.65	ug/l	98
36) Carbon Tetrachloride	4.231	117	44009	21.00	ug/l	95
37) Vinyl Acetate	3.356	43	78830	15.07	ug/l	100
38) Bromodichloromethane	4.957	83	39861	17.72	ug/l	96
39) Methylcyclohexane	4.807	83	20849	17.95	ug/l	88
40) Dibromomethane	4.885	174	24508	17.59	ug/l	87
41) 1,2-Dichloropropane	4.825	63	21717	15.87	ug/l	93
42) Trichloroethene	4.705	130	31203	19.46	ug/l	98
43) Benzene	4.351	78	88568	21.06	ug/l	100
44) tert-Amyl methyl ether	4.405	73	59875	15.59	ug/l	77
46) Dibromochloromethane	5.774	129	27152	14.86	ug/l	95
47) 2-Chloroethylvinylether	5.101	63	11960	14.72	ug/l	75
48) cis-1,3-Dichloropropene	5.192	75	37596	15.56	ug/l	97
49) trans-1,3-Dichloropropene	5.468	75	33463	13.92	ug/l	84
50) 1,1,2-Trichloroethane	5.564	97	23318	17.88	ug/l	80
51) 1,2-Dibromoethane	5.846	107	24932	16.27	ug/l	89
52) 1,3-Dichloropropane	5.654	76	31796	14.19	ug/l	81
53) 4-Methyl-2-Pentanone	5.258	43	14866	12.69	ug/l	82
54) 2-Hexanone	5.672	43	10666	13.85	ug/l	69
55) Tetrachloroethene	5.654	164	22469	16.89	ug/l	86
57) Toluene	5.366	92	49023	17.67	ug/l	98
58) 1,1,1,2-Tetrachloroethane	6.129	133	25359	16.79	ug/l	86
59) Chlorobenzene	6.093	112	58442	16.31	ug/l	89
61) Bromoform	6.519	173	19769	15.21	ug/l	86
62) Ethylbenzene	6.135	106	24816	16.20	ug/l	85
63) 1,1,2,2-Tetrachloroethane	6.741	83	22860	16.81	ug/l	75
65) Styrene	6.411	104	57785	17.51	ug/l	89
66) m&p-Xylenes	6.195	106	68690	42.94	ug/l	96

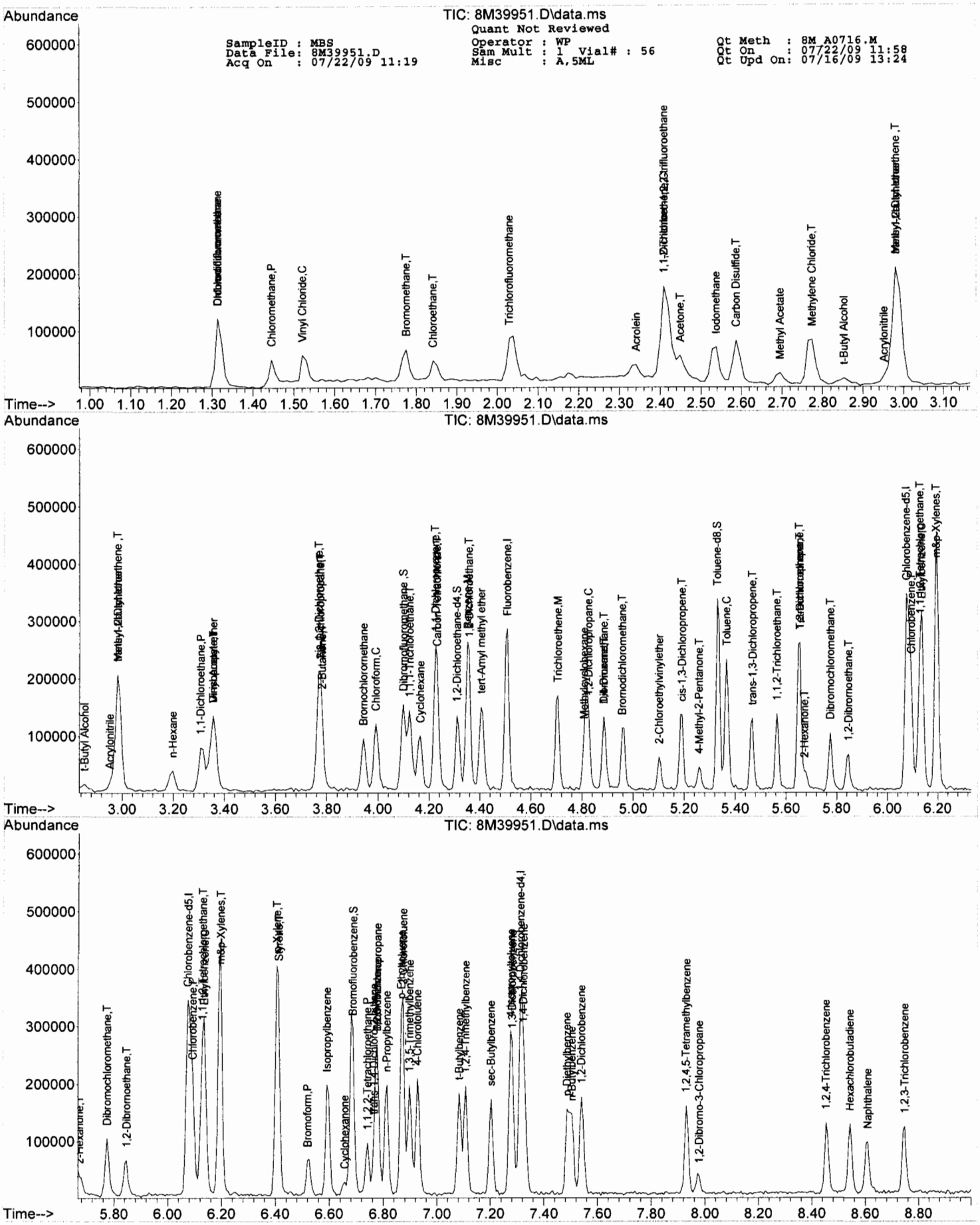
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39951.D Sam Mult : 1 Vial# : 56 Qt On : 07/22/09 11:58
Acq On : 07/22/09 11:19 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	o-Xylene	6.405	106	33321	18.27	ug/l	87
68)	trans-1,4-Dichloro-2-b...	6.765	53	9512	19.20	ug/l	23
69)	1,3-Dichlorobenzene	7.282	146	43480	17.92	ug/l	97
70)	1,4-Dichlorobenzene	7.324	146	45556	16.58	ug/l	93
71)	1,2-Dichlorobenzene	7.540	146	43076	16.93	ug/l	97
72)	Isopropylbenzene	6.591	105	71815	16.56	ug/l	95
73)	Cyclohexanone	6.657	55	6076	143.78	ug/l	79
74)	1,2,3-Trichloropropane	6.777	75	28605	15.28	ug/l	91
75)	2-Chlorotoluene	6.874	91	61928	17.22	ug/l	90
76)	p-Ethyltoluene	6.868	105	67088	17.42	ug/l	94
77)	4-Chlorotoluene	6.928	91	66744	18.94	ug/l	98
78)	n-Propylbenzene	6.814	91	86101	18.32	ug/l	100
79)	Bromobenzene	6.777	77	46589	18.35	ug/l	89
80)	1,3,5-Trimethylbenzene	6.898	105	56527	15.98	ug/l	97
81)	t-Butylbenzene	7.084	119	52255	17.25	ug/l	84
82)	1,2,4-Trimethylbenzene	7.108	105	62535	17.25	ug/l	88
83)	sec-Butylbenzene	7.204	105	60317	17.33	ug/l	99
84)	4-Isopropyltoluene	7.276	119	50131	16.61	ug/l	91
85)	n-Butylbenzene	7.504	91	58030	16.26	ug/l	92
86)	p-Diethylbenzene	7.486	119	27266	14.86	ug/l	89
87)	1,2,4,5-Tetramethylben...	7.931	119	49348	16.66	ug/l	91
88)	1,2-Dibromo-3-Chloropr...	7.979	157	5149	14.15	ug/l	99
89)	Hexachlorobutadiene	8.543	225	15359	15.02	ug/l	91
90)	1,2,4-Trichlorobenzene	8.453	180	23638	14.53	ug/l	94
91)	1,2,3-Trichlorobenzene	8.748	180	22765	13.79	ug/l	96
92)	Naphthalene	8.610	128	46121	13.25	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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SampleID : MBS
Data File: 8M39951.D
Acq On : 07/22/09 11:19
Operator : WP
Sam Mult : 1 Vial# : 56
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/22/09 11:58
Qt Upd On: 07/16/09 13:24
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->

Abundance
TIC: 8M39951.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,I
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Time-->

Abundance
TIC: 8M39951.D\data.ms
2-Hexanone,I
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,T
m&p-Xylenes,T
Bromofluorobenzene,S
Isopropylbenzene
Bromoform,P
Cyclohexanone
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 8M39974.D
Acq On : 07/22/09 17:34

Operator : WP
Sam Mult : 1 Vial# : 78
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/23/09 06:29
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.506	96	139155	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.080	117	104822	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.318	152	55969	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.104	111	54320	33.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.90%			
32) 1,2-Dichloroethane-d4	4.314	102	8630	31.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.20%			
56) Toluene-d8	5.335	100	83394	29.63	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.77%			
64) Bromofluorobenzene	6.687	174	61137	29.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.27%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.320	51	52409	19.40	ug/l	67
3) Dichlorodifluoromethane	1.311	85	24495	15.48	ug/l	89
4) Chloromethane	1.452	50	29155	18.79	ug/l	99
5) Bromomethane	1.782	94	22317	22.33	ug/l	86
6) Vinyl Chloride	1.528	62	29991	19.18	ug/l	96
7) Chloroethane	1.848	64	17120	19.85	ug/l	72
8) Trichlorofluoromethane	2.036	101	49731	19.76	ug/l	91
9) 1,1,2-Trichloro-1,2,2-...	2.410	101	24260	20.62	ug/l	94
10) Methylene Chloride	2.774	84	28777	18.28	ug/l	92
11) Acrolein	2.341	56	14774	64.29	ug/l	96
12) Acrylonitrile	2.961	53	8500	19.34	ug/l	87
13) Iodomethane	2.537	142	52365	16.59	ug/l	73
14) Acetone	2.449	43	35462	78.68	ug/l	93
15) Carbon Disulfide	2.597	76	74305	17.28	ug/l	100
16) t-Butyl Alcohol	2.853	59	9988	72.11	ug/l	64
17) n-Hexane	3.197	57	11411	12.80	ug/l	77
18) Di-isopropyl-ether	3.364	45	74233	15.10	ug/l	84
19) 1,1-Dichloroethene	2.419	61	39651	16.58	ug/l	92
20) Methyl Acetate	2.695	43	18734	17.44	ug/l	100
21) Methyl-t-butyl ether	2.990	73	66271	13.83	ug/l	90
22) 1,1-Dichloroethane	3.315	63	48221	16.94	ug/l	100
23) trans-1,2-Dichloroethene	2.990	96	27766	20.13	ug/l	93
24) cis-1,2-Dichloroethene	3.773	61	43273	16.08	ug/l	96
25) Bromochloromethane	3.948	49	18938	15.64	ug/l	93
26) 2,2-Dichloropropane	3.773	77	41064	18.40	ug/l	89
27) 1,4-Dioxane	4.891	88	10689	686.30	ug/l	98
28) 1,1-Dichloropropene	4.230	75	35690	18.31	ug/l	94
29) Chloroform	3.996	83	52775	18.00	ug/l	89
31) Cyclohexane	4.164	56	21996	14.12	ug/l	91
33) 1,2-Dichloroethane	4.362	62	44633	17.70	ug/l	97
34) 2-Butanone	3.779	43	8881	14.54	ug/l	87
35) 1,1,1-Trichloroethane	4.128	97	47891	18.82	ug/l	99
36) Carbon Tetrachloride	4.230	117	43702	20.33	ug/l	89
37) Vinyl Acetate	3.355	43	74384	13.86	ug/l	100
38) Bromodichloromethane	4.963	83	38647	16.74	ug/l	94
39) Methylcyclohexane	4.813	83	19236	16.14	ug/l	93
40) Dibromomethane	4.891	174	24923	17.43	ug/l	95
41) 1,2-Dichloropropane	4.825	63	23894	17.02	ug/l	90
42) Trichloroethene	4.710	130	29579	17.98	ug/l	80
43) Benzene	4.356	78	86813	20.12	ug/l	100
44) tert-Amyl methyl ether	4.410	73	60100	15.25	ug/l	80
46) Dibromochloromethane	5.780	129	27122	14.46	ug/l	89
47) 2-Chloroethylvinylether	5.107	63	10541	12.64	ug/l	85
48) cis-1,3-Dichloropropene	5.191	75	37991	15.31	ug/l	99
49) trans-1,3-Dichloropropene	5.467	75	34897	14.13	ug/l	89
50) 1,1,2-Trichloroethane	5.569	97	20475	15.29	ug/l	90
51) 1,2-Dibromoethane	5.846	107	22446	14.27	ug/l	99
52) 1,3-Dichloropropane	5.654	76	31179	13.56	ug/l	100
53) 4-Methyl-2-Pentanone	5.263	43	17433	14.50	ug/l	96
54) 2-Hexanone	5.684	43	11674	14.76	ug/l	92
55) Tetrachloroethene	5.654	164	22360	16.37	ug/l	99
57) Toluene	5.371	92	50540	17.74	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.128	133	25444	16.41	ug/l	84
59) Chlorobenzene	6.092	112	56875	15.46	ug/l	96
61) Bromoform	6.525	173	18900	14.02	ug/l	82
62) Ethylbenzene	6.140	106	27328	17.20	ug/l	91
63) 1,1,2,2-Tetrachloroethane	6.741	83	22207	15.75	ug/l	75
65) Styrene	6.410	104	56877	16.62	ug/l	89
66) m&p-Xylenes	6.200	106	64997	39.18	ug/l	99

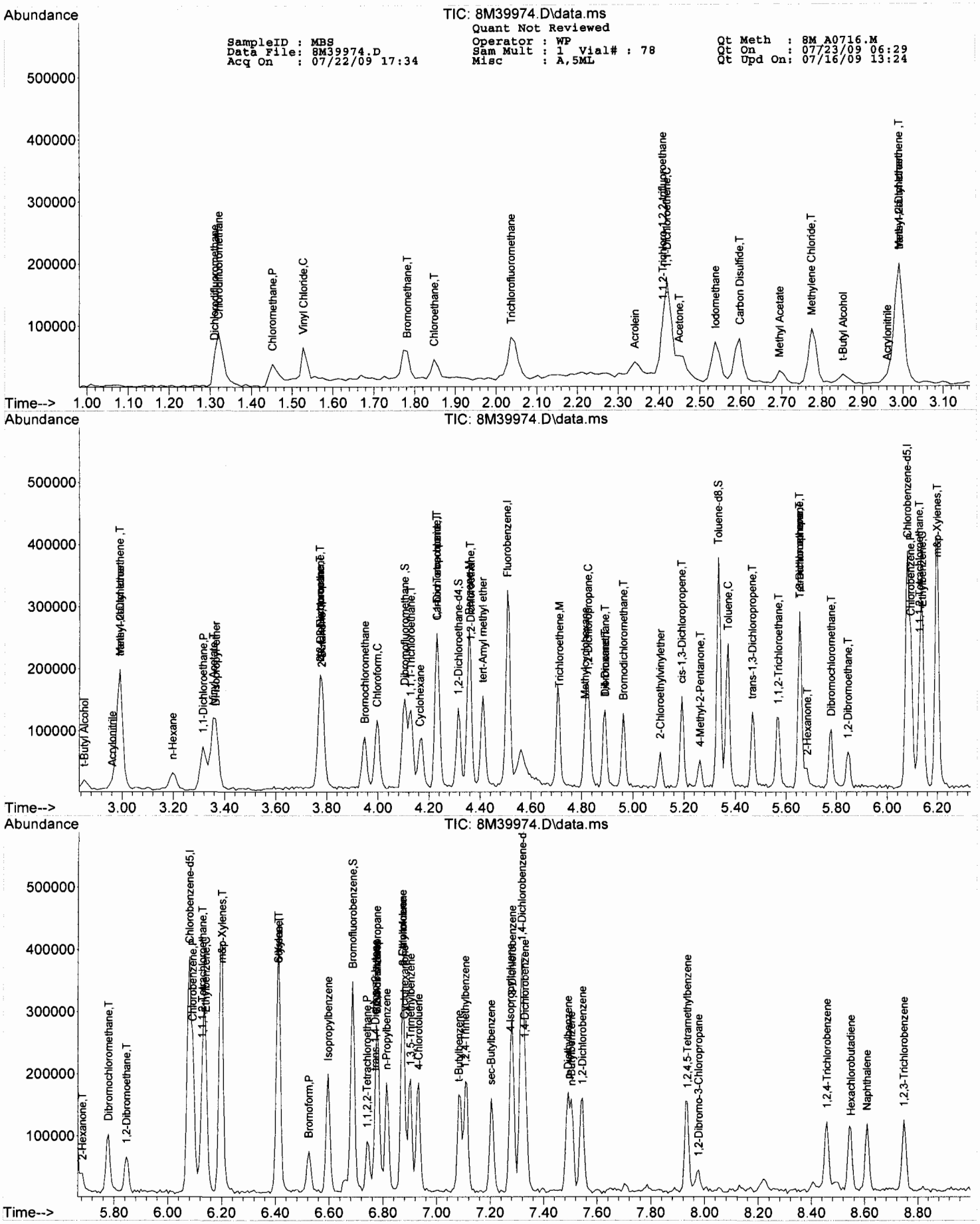
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39974.D Sam Mult : 1 Vial# : 78 Qt On : 07/23/09 06:29
Acq On : 07/22/09 17:34 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-22-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.410	106	30457	16.10 ug/l	83
68) trans-1,4-Dichloro-2-b...	6.771	53	8441	16.43 ug/l	41
69) 1,3-Dichlorobenzene	7.281	146	39411	15.66 ug/l	97
70) 1,4-Dichlorobenzene	7.330	146	40362	14.16 ug/l	85
71) 1,2-Dichlorobenzene	7.546	146	41234	15.63 ug/l	97
72) Isopropylbenzene	6.597	105	68235	15.17 ug/l	93
73) Cyclohexanone	6.879	55	561	12.80 ug/l	67
74) 1,2,3-Trichloropropane	6.777	75	30405	15.66 ug/l	96
75) 2-Chlorotoluene	6.873	91	56488	15.15 ug/l	93
76) p-Ethyltoluene	6.873	105	63174	15.82 ug/l	96
77) 4-Chlorotoluene	6.933	91	55968	15.31 ug/l	96
78) n-Propylbenzene	6.813	91	77436	15.88 ug/l	95
79) Bromobenzene	6.777	77	49024	18.62 ug/l	94
80) 1,3,5-Trimethylbenzene	6.903	105	59355	16.18 ug/l	94
81) t-Butylbenzene	7.083	119	51211	16.30 ug/l	80
82) 1,2,4-Trimethylbenzene	7.107	105	64928	17.27 ug/l	85
83) sec-Butylbenzene	7.203	105	57179	15.84 ug/l	99
84) 4-Isopropyltoluene	7.275	119	48760	15.57 ug/l	89
85) n-Butylbenzene	7.504	91	55797	15.07 ug/l	93
86) p-Diethylbenzene	7.492	119	29651	15.58 ug/l	99
87) 1,2,4,5-Tetramethylben...	7.936	119	56981	18.55 ug/l	94
88) 1,2-Dibromo-3-Chloropr...	7.978	157	5204	13.79 ug/l	91
89) Hexachlorobutadiene	8.549	225	16004	15.09 ug/l	97
90) 1,2,4-Trichlorobenzene	8.459	180	23775	14.09 ug/l	96
91) 1,2,3-Trichlorobenzene	8.747	180	22759	13.30 ug/l	94
92) Naphthalene	8.609	128	50116	13.88 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : MBS
Data File: 8M39974.D
Acq On : 07/22/09 17:34
Operator : WP
Sam Mult : 1
Misc : A,5ML
Vial# : 78
Qt Meth : 8M_A0716.M
Qt On : 07/23/09 06:29
Qt Upd On: 07/16/09 13:24
Abundance
Time-->
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

FORM 3

Spike Recovery

Batch Number: MBS12791
Mbs Name: MBS12791
Ns Name: AC45774-005
Ms Name: AC45774-006(MS:
Msd Name: AC45774-007(MSD

Mbs File: 1M47040.D
Non Spk'd File: 1M47054.D
Spike File: 1M47055.D
Spike Dup File: 1M47056.D
Matrix: Soil
Method: EPA 8260B

Mbs Date: 07/16/09 08:59
Non Spk'd Date: 07/16/09 13:03
Spike Date : 07/16/09 13:20
Spike Dup Date: 07/16/09 13:37

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	50	6	117	53	47.87	0.00	48.84	53.42	96	98	107	9
1,1-Dichloroethene	19	1	0	50	8	114	53	39.85	0.00	39.43	42.38	80	79	85	7.2
1,1-Dichloroethane	22	1	0	50	14	127	44	43.76	0.00	44.52	47.84	88	89	96	7.2
Chloroform	29	1	0	50	26	119	39	45.30	0.00	44.49	49.16	91	89	98	10
1,2-Dichloroethane	33	1	0	50	18	130	37	46.21	0.00	47.57	50.31	92	95	101	5.6
2-Butanone	34	1	0	50	4	141	59	40.37	0.00	40.11	43.91	81	80	88	9
Carbon Tetrachloride	36	1	0	50	19	122	40	50.76	0.00	48.08	53.41	102	96	107	11
Trichloroethene	42	1	0	50	21	116	39	44.93	0.00	43.79	48.23	90	88	96	9.7
Benzene	43	1	0	50	21	122	38	45.00	0.00	46.52	50.03	90	93	100	7.3
Tetrachloroethene	55	1	0	50	18	116	37	50.74	0.00	41.64	45.99	101	83	92	9.9
Toluene	57	1	0	50	19	128	35	49.74	0.00	41.44	45.49	99	83	91	9.3
Chlorobenzene	59	1	0	50	21	117	37	46.40	0.00	44.51	48.81	93	89	98	9.2
1,4-Dichlorobenzene	70	1	0	50	20	110	41	45.40	0.00	40.10	45.07	91	80	90	12
1,2-Dichlorobenzene	71	1	0	50	19	113	42	43.05	0.00	41.97	44.07	86	84	88	4.9
n-Propylbenzene	78	1	0	50	16	122	42	47.60	0.00	42.90	46.35	95	86	93	7.7
sec-Butylbenzene	83	1	0	50	9	125	48	45.20	0.00	41.58	46.45	90	83	93	11

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 1M47040.D
Acq On : 07/16/09 08:59

Operator : WP
Sam Mult : 1 Vial# : 14
Misc : S,5G

Qt Meth : 1M_S0715.M
Qt On : 07/16/09 09:42
Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.605	96	133875	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.438	117	79101	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.857	152	39868	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	40838	31.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.23%			
32) 1,2-Dichloroethane-d4	4.388	102	7063	31.40	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.67%			
56) Toluene-d8	5.571	100	80546	34.01	ug/l	0.00
Spiked Amount 30.000			Recovery = 113.37%			
64) Bromofluorobenzene	7.138	174	33485	31.10	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.67%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.381	51	150875	46.73	ug/l	1
3) Dichlorodifluoromethane	1.365	85	91874	45.27	ug/l	95
4) Chloromethane	1.499	50	89172	48.59	ug/l	96
5) Bromomethane	1.817	94	33964	44.45	ug/l	97
6) Vinyl Chloride	1.566	62	75626	47.87	ug/l	95
7) Chloroethane	1.884	64	43125	47.30	ug/l	99
8) Trichlorofluoromethane	2.068	101	161084	49.44	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.456	101	73174	47.21	ug/l	89
10) Methylene Chloride	2.811	84	69678	42.33	ug/l	94
11) Acrolein	2.377	56	24110	149.00	ug/l	94
12) Acrylonitrile	2.988	53	12965	35.81	ug/l	91
13) Iodomethane	2.574	142	103551	39.30	ug/l	79
14) Acetone	2.486	43	55305	222.72	ug/l	100
15) Carbon Disulfide	2.634	76	245260	43.91	ug/l	100
16) t-Butyl Alcohol	2.880	59	10574	212.84	ug/l	91
17) n-Hexane	3.254	57	78571	36.38	ug/l	79
18) Di-isopropyl-ether	3.412	45	203130	39.02	ug/l	99
19) 1,1-Dichloroethene	2.456	61	129659	39.85	ug/l	96
20) Methyl Acetate	2.732	43	32139	44.55	ug/l	100
21) Methyl-t-butyl ether	3.028	73	93833	37.37	ug/l	85
22) 1,1-Dichloroethane	3.353	63	145111	43.76	ug/l	98
23) trans-1,2-Dichloroethene	3.028	96	78473	47.71	ug/l	71
24) cis-1,2-Dichloroethene	3.826	61	133966	43.92	ug/l	98
25) Bromochloromethane	3.994	49	53393	40.45	ug/l	79
26) 2,2-Dichloropropane	3.826	77	116165	50.44	ug/l	91
27) 1,4-Dioxane	5.038	88	18454	1909.61	ug/l	77
28) 1,1-Dichloropropene	4.299	75	123086	48.38	ug/l	98
29) Chloroform	4.043	83	140042	45.30	ug/l	98
31) Cyclohexane	4.240	56	122197	41.14	ug/l	96
33) 1,2-Dichloroethane	4.437	62	107228	46.21	ug/l	95
34) 2-Butanone	3.826	43	18160	40.37	ug/l	97
35) 1,1,1-Trichloroethane	4.191	97	123238	46.96	ug/l	94
36) Carbon Tetrachloride	4.309	117	114066	50.76	ug/l	93
37) Vinyl Acetate	3.412	43	162246	35.09	ug/l	100
38) Bromodichloromethane	5.127	83	101622	42.11	ug/l	96
39) Methylcyclohexane	4.969	83	128283	45.23	ug/l	72
40) Dibromomethane	5.038	174	36184	41.51	ug/l	96
41) 1,2-Dichloropropane	4.969	63	66449	40.78	ug/l	89
42) Trichloroethene	4.831	130	79282	44.93	ug/l	92
43) Benzene	4.437	78	270585	45.00	ug/l	100
44) tert-Amyl methyl ether	4.496	73	89397	40.03	ug/l	92
46) Dibromochloromethane	6.083	129	58709	48.51	ug/l	100
47) 2-Chloroethylvinylether	5.295	63	22151	45.24	ug/l	92
48) cis-1,3-Dichloropropene	5.393	75	96817	48.41	ug/l	98
49) trans-1,3-Dichloropropene	5.718	75	80861	48.25	ug/l	95
50) 1,1,2-Trichloroethane	5.837	97	42176	47.21	ug/l	95
51) 1,2-Dibromoethane	6.162	107	41343	44.62	ug/l	98
52) 1,3-Dichloropropane	5.935	76	79184	49.01	ug/l	96
53) 4-Methyl-2-Pentanone	5.472	43	30314	44.56	ug/l	96
54) 2-Hexanone	5.965	43	19667	43.03	ug/l	99
55) Tetrachloroethene	5.945	164	68125	50.74	ug/l	97
57) Toluene	5.610	92	171714	49.74	ug/l	92
58) 1,1,1,2-Tetrachloroethane	6.497	133	56145	46.80	ug/l	99
59) Chlorobenzene	6.458	112	150638	46.40	ug/l	100
61) Bromoform	6.950	173	27377	39.47	ug/l	98
62) Ethylbenzene	6.507	106	67328	49.80	ug/l	90
63) 1,1,2,2-Tetrachloroethane	7.197	83	37348	39.88	ug/l	90
65) Styrene	6.822	104	152978	46.23	ug/l	91
66) m&p-Xylenes	6.576	106	203903	91.54	ug/l	98

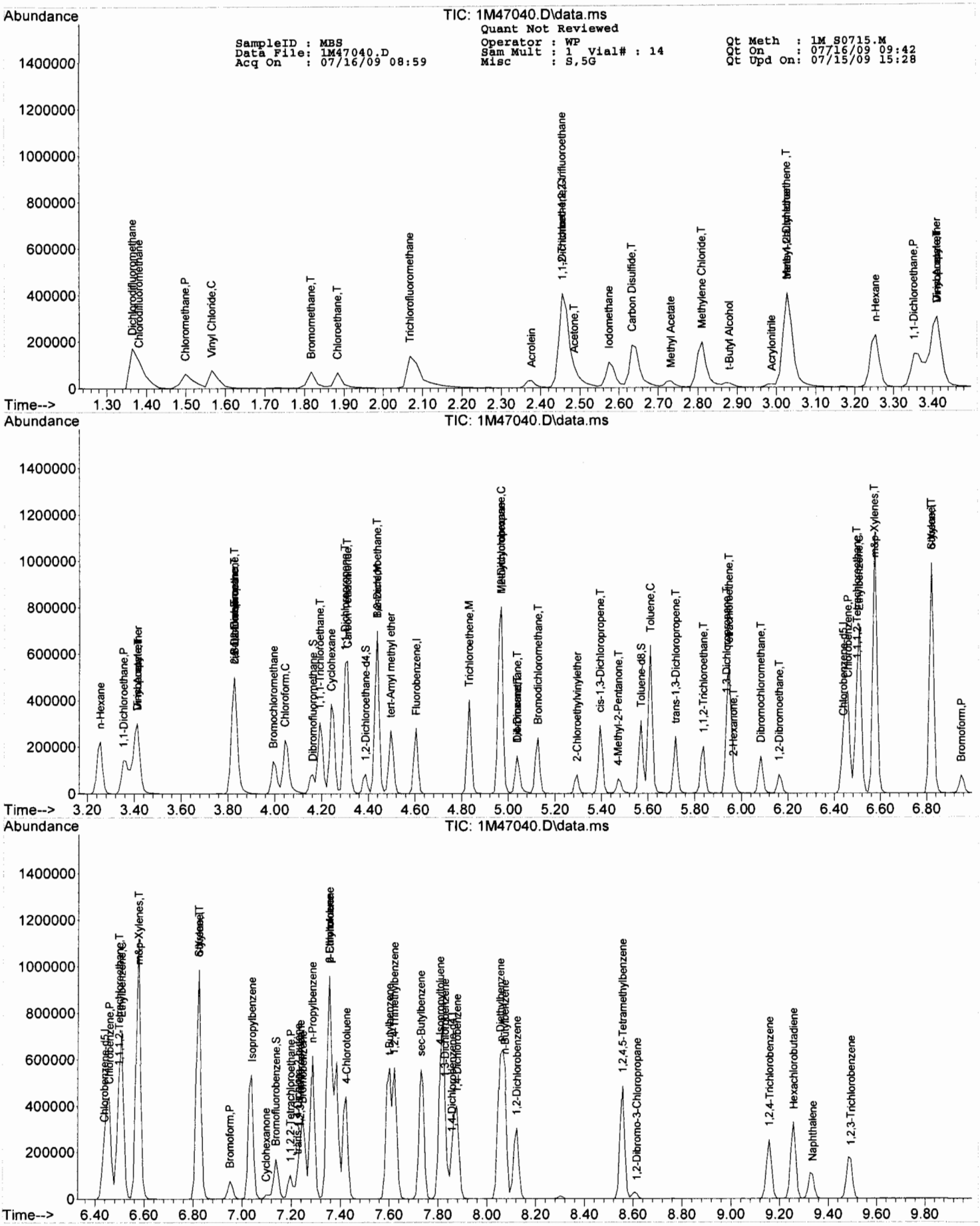
Quantitation Report (Not Reviewed)

SampleID : MBS | Operator : WP | Qt Meth : 1M_S0715.M
Data File: 1M47040.D | Sam Mult : 1 Vial# : 14 | Qt On : 07/16/09 09:42
Acq On : 07/16/09 08:59 | Misc : S,5G | Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.822	106	98285	46.00 ug/l	88
68) trans-1,4-Dichloro-2-b...	7.226	53	15671	43.46 ug/l	71
69) 1,3-Dichlorobenzene	7.828	146	112748	44.96 ug/l	91
70) 1,4-Dichlorobenzene	7.877	146	111411	45.40 ug/l	93
71) 1,2-Dichlorobenzene	8.123	146	94996	43.05 ug/l	92
72) Isopropylbenzene	7.039	105	265161	45.24 ug/l	96
73) Cyclohexanone	7.098	55	8341	361.73 ug/l	82
74) 1,2,3-Trichloropropane	7.236	75	51418	41.77 ug/l	94
75) 2-Chlorotoluene	7.354	91	166016	47.61 ug/l	93
76) p-Ethyltoluene	7.354	105	250759	52.84 ug/l	98
77) 4-Chlorotoluene	7.423	91	149568	41.06 ug/l	98
78) n-Propylbenzene	7.285	91	345516	47.60 ug/l	100
79) Bromobenzene	7.246	77	135005	44.17 ug/l	89
81) t-Butylbenzene	7.601	119	220725	46.76 ug/l	89
82) 1,2,4-Trimethylbenzene	7.621	105	230561	47.32 ug/l	94
83) sec-Butylbenzene	7.729	105	293993	45.20 ug/l	98
84) 4-Isopropyltoluene	7.808	119	235031	47.82 ug/l	93
85) n-Butylbenzene	8.074	91	298686	46.43 ug/l	97
86) p-Diethylbenzene	8.054	119	130522	44.68 ug/l	95
87) 1,2,4,5-Tetramethylben...	8.557	119	199038	46.83 ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.616	157	6384	37.35 ug/l	73
89) Hexachlorobutadiene	9.257	225	57926	39.50 ug/l	99
90) 1,2,4-Trichlorobenzene	9.158	180	62068	39.97 ug/l	98
91) 1,2,3-Trichlorobenzene	9.493	180	50573	35.23 ug/l	96
92) Naphthalene	9.335	128	77821	38.65 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47040.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 1M47040.D
Acq On : 07/16/09 08:59
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : S,5G
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 09:42
Qt Upd On: 07/15/09 15:28
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 1M47040.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Time-->

Abundance
TIC: 1M47040.D\data.ms
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4,5-Tetramethylbenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC45774-006(MS:AC45 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47055.D Sam Mult : 1 Vial# : 27 Qt On : 07/16/09 13:48
Acq On : 07/16/09 13:20 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.606	96	116452	30.00	ug/l	0.01
45) Chlorobenzene-d5	6.439	117	80773	30.00	ug/l	0.01
60) 1,4-Dichlorobenzene-d4	7.868	152	40812	30.00	ug/l	0.01
System Monitoring Compounds						
30) Dibromofluoromethane	4.162	111	33309	29.88	ug/l	0.01
Spiked Amount 30.000			Recovery = 99.60%			
32) 1,2-Dichloroethane-d4	4.389	102	6516	33.30	ug/l	0.01
Spiked Amount 30.000			Recovery = 111.00%			
56) Toluene-d8	5.571	100	71714	29.65	ug/l	0.01
Spiked Amount 30.000			Recovery = 98.83%			
64) Bromofluorobenzene	7.148	174	33989	30.84	ug/l	0.01
Spiked Amount 30.000			Recovery = 102.80%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.376	51	15915	5.67	ug/l	60
3) Dichlorodifluoromethane	1.376	85	68529	38.82	ug/l	97
4) Chloromethane	1.527	50	75947	47.58	ug/l	95
5) Bromomethane	1.829	94	28571	42.99	ug/l	99
6) Vinyl Chloride	1.577	62	67116	48.84	ug/l	96
7) Chloroethane	1.896	64	35522	44.79	ug/l	98
8) Trichlorofluoromethane	2.080	101	117144	41.33	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.467	101	123350	91.49	ug/l	92
10) Methylene Chloride	2.822	84	62906	43.93	ug/l	89
11) Acrolein	2.378	56	18679	132.71	ug/l	98
12) Acrylonitrile	2.989	53	11770	37.37	ug/l	98
13) Iodomethane	2.585	142	88830	38.75	ug/l	76
14) Acetone	2.487	43	50784	235.11	ug/l	93
15) Carbon Disulfide	2.644	76	202819	41.75	ug/l	100
16) t-Butyl Alcohol	2.881	59	10206	236.16	ug/l	96
17) n-Hexane	3.265	57	64195	34.17	ug/l	84
18) Di-isopropyl-ether	3.423	45	195088	43.08	ug/l	99
19) 1,1-Dichloroethene	2.467	61	111595	39.43	ug/l	93
20) Methyl Acetate	2.733	43	30689	48.91	ug/l	100
21) Methyl-t-butyl ether	3.039	73	90835	41.58	ug/l	86
22) 1,1-Dichloroethane	3.364	63	128442	44.52	ug/l	99
23) trans-1,2-Dichloroethene	3.039	96	66140	46.23	ug/l	73
24) cis-1,2-Dichloroethene	3.827	61	120065	45.26	ug/l	92
25) Bromochloromethane	4.004	49	48894	42.58	ug/l	84
26) 2,2-Dichloropropane	3.837	77	98622	49.23	ug/l	92
27) 1,4-Dioxane	5.049	88	16961	2017.71	ug/l	96
28) 1,1-Dichloropropene	4.310	75	104972	47.43	ug/l	95
29) Chloroform	4.054	83	119639	44.49	ug/l	97
31) Cyclohexane	4.251	56	107756	41.70	ug/l	96
33) 1,2-Dichloroethane	4.438	62	96010	47.57	ug/l	99
34) 2-Butanone	3.827	43	15695	40.11	ug/l	94
35) 1,1,1-Trichloroethane	4.202	97	105579	46.25	ug/l	98
36) Carbon Tetrachloride	4.320	117	93991	48.08	ug/l	92
37) Vinyl Acetate	3.413	43	144059	35.82	ug/l	100
38) Bromodichloromethane	5.128	83	91434	43.56	ug/l	94
39) Methylcyclohexane	4.970	83	110560	44.81	ug/l	70
40) Dibromomethane	5.049	174	32534	42.91	ug/l	91
41) 1,2-Dichloropropane	4.970	63	62043	43.77	ug/l	86
42) Trichloroethene	4.842	130	67210	43.79	ug/l	96
43) Benzene	4.448	78	243338	46.52	ug/l	100
44) tert-Amyl methyl ether	4.507	73	87302	44.94	ug/l	86
46) Dibromochloromethane	6.084	129	52693	42.64	ug/l	97
47) 2-Chloroethylvinylether	5.296	63	18826	37.65	ug/l	90
48) cis-1,3-Dichloropropene	5.404	75	88840	43.50	ug/l	98
49) trans-1,3-Dichloropropene	5.719	75	75254	43.97	ug/l	100
50) 1,1,2-Trichloroethane	5.838	97	38016	41.68	ug/l	92
51) 1,2-Dibromoethane	6.173	107	39452	41.70	ug/l	98
52) 1,3-Dichloropropane	5.946	76	72084	43.69	ug/l	100
53) 4-Methyl-2-Pentanone	5.483	43	30622	44.09	ug/l	98
54) 2-Hexanone	5.966	43	19263	41.27	ug/l	89
55) Tetrachloroethene	5.956	164	57081	41.64	ug/l	95
57) Toluene	5.611	92	146079	41.44	ug/l	99
58) 1,1,1,2-Tetrachloroethane	6.498	133	56608	46.21	ug/l	98
59) Chlorobenzene	6.458	112	148788	44.51	ug/l	100
61) Bromoform	6.961	173	29369	41.36	ug/l	98
62) Ethylbenzene	6.518	106	60648	43.82	ug/l	97
63) 1,1,2,2-Tetrachloroethane	7.198	83	42852	44.70	ug/l	89
65) Styrene	6.823	104	148192	43.74	ug/l	88
66) m&p-Xylenes	6.577	106	194499	85.30	ug/l	92

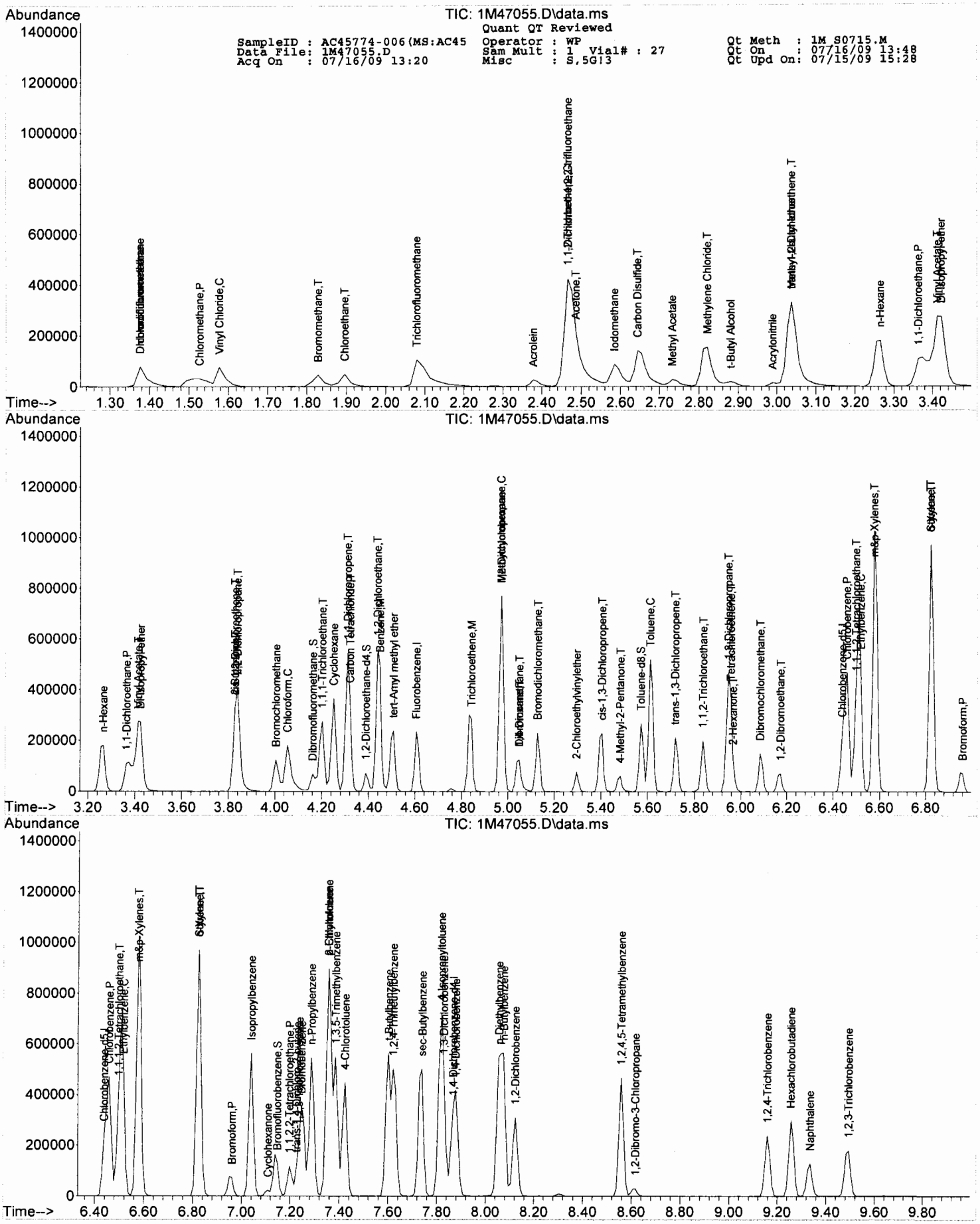
Quantitation Report (QT Reviewed)

SampleID : AC45774-006(MS:AC45 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47055.D Sam Mult : 1 Vial# : 27 Qt On : 07/16/09 13:48
Acq On : 07/16/09 13:20 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) o-Xylene	6.823	106	92858	42.46 ug/l	82
68) trans-1,4-Dichloro-2-b...	7.227	53	17138	46.43 ug/l	68
69) 1,3-Dichlorobenzene	7.828	146	111104	42.62 ug/l	93
70) 1,4-Dichlorobenzene	7.878	146	103476	40.10 ug/l	89
71) 1,2-Dichlorobenzene	8.124	146	94810	41.97 ug/l	93
72) Isopropylbenzene	7.040	105	249205	41.53 ug/l	96
73) Cyclohexanone	7.109	55	8229	348.62 ug/l	92
74) 1,2,3-Trichloropropane	7.237	75	54952	43.60 ug/l	93
75) 2-Chlorotoluene	7.355	91	144192	40.39 ug/l	95
76) p-Ethyltoluene	7.355	105	279939	57.62 ug/l	94
77) 4-Chlorotoluene	7.424	91	150784	40.44 ug/l	96
78) n-Propylbenzene	7.286	91	318804	42.90 ug/l	100
79) Bromobenzene	7.247	77	137324	43.89 ug/l	87
80) 1,3,5-Trimethylbenzene	7.385	105	175757m	40.77 ug/l	
81) t-Butylbenzene	7.602	119	208663	43.18 ug/l	88
82) 1,2,4-Trimethylbenzene	7.621	105	219693	44.05 ug/l	94
83) sec-Butylbenzene	7.740	105	276891	41.58 ug/l	97
84) 4-Isopropyltoluene	7.819	119	218664	43.46 ug/l	94
85) n-Butylbenzene	8.075	91	273340	41.51 ug/l	97
86) p-Diethylbenzene	8.055	119	121062	40.48 ug/l	93
87) 1,2,4,5-Tetramethylben...	8.558	119	190837	43.86 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	8.617	157	6989	39.95 ug/l	69
89) Hexachlorobutadiene	9.258	225	51765	34.48 ug/l	96
90) 1,2,4-Trichlorobenzene	9.159	180	61162	38.48 ug/l	96
91) 1,2,3-Trichlorobenzene	9.494	180	51761	35.23 ug/l	94
92) Naphthalene	9.336	128	84643	41.06 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M47055.D\data.ms
Quant QT Reviewed
SampleID : AC45774-006(MS:AC45
Data File: 1M47055.D
Acq On : 07/16/09 13:20
Operator : WP
Sam Mult : 1 Vial# : 27
Misc : S,5G13
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 13:48
Qt Upd On: 07/15/09 15:28
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC45774-007(MSD:AC4 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47056.D Sam Mult : 1 Vial# : 28 Qt On : 07/16/09 13:48
Acq On : 07/16/09 13:37 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.605	96	112672	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.438	117	79252	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.867	152	41402	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.161	111	32271	29.92	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.73%			
32) 1,2-Dichloroethane-d4	4.388	102	5698	30.10	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.33%			
56) Toluene-d8	5.570	100	71754	30.24	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.80%			
64) Bromofluorobenzene	7.147	174	33531	29.99	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.97%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.377	51	17338	6.38	ug/l	48
3) Dichlorodifluoromethane	1.377	85	68697	40.22	ug/l	95
4) Chloromethane	1.528	50	80727	52.27	ug/l	99
5) Bromomethane	1.829	94	29900	46.50	ug/l	98
6) Vinyl Chloride	1.578	62	71021	53.42	ug/l	96
7) Chloroethane	1.896	64	35786	46.63	ug/l	100
8) Trichlorofluoromethane	2.081	101	126853	46.26	ug/l	99
9) 1,1,2-Trichloro-1,2,2-...	2.466	101	109973	84.31	ug/l	92
10) Methylene Chloride	2.821	84	64710	46.71	ug/l	95
11) Acrolein	2.377	56	21472	157.67	ug/l	93
12) Acrylonitrile	2.988	53	12772	41.91	ug/l	99
13) Iodomethane	2.584	142	94243	42.49	ug/l	77
14) Acetone	2.486	43	53521	256.09	ug/l	98
15) Carbon Disulfide	2.653	76	215053	45.75	ug/l	100
16) t-Butyl Alcohol	2.880	59	10697	255.83	ug/l	84
17) n-Hexane	3.264	57	70444	38.76	ug/l	78
18) Di-isopropyl-ether	3.422	45	200488	45.76	ug/l	97
19) 1,1-Dichloroethene	2.466	61	116034	42.38	ug/l	92
20) Methyl Acetate	2.732	43	31471	51.84	ug/l	100
21) Methyl-t-butyl ether	3.037	73	92878	43.95	ug/l	86
22) 1,1-Dichloroethane	3.363	63	133528	47.84	ug/l	100
23) trans-1,2-Dichloroethene	3.037	96	68291	49.34	ug/l	75
24) cis-1,2-Dichloroethene	3.826	61	123047	47.94	ug/l	95
25) Bromochloromethane	4.003	49	51878	46.70	ug/l	81
26) 2,2-Dichloropropane	3.836	77	101504	52.37	ug/l	91
27) 1,4-Dioxane	5.048	88	18236	2242.17	ug/l	77
28) 1,1-Dichloropropene	4.309	75	110373	51.54	ug/l	96
29) Chloroform	4.053	83	127910	49.16	ug/l	96
31) Cyclohexane	4.250	56	116349	46.54	ug/l	97
33) 1,2-Dichloroethane	4.437	62	98253	50.31	ug/l	92
34) 2-Butanone	3.826	43	16622	43.91	ug/l	96
35) 1,1,1-Trichloroethane	4.200	97	113462	51.37	ug/l	98
36) Carbon Tetrachloride	4.319	117	101012	53.41	ug/l	89
37) Vinyl Acetate	3.422	43	156640	40.25	ug/l	100
38) Bromodichloromethane	5.127	83	94131	46.35	ug/l	97
39) Methylcyclohexane	4.969	83	121551	50.92	ug/l	70
40) Dibromomethane	5.048	174	34801	47.44	ug/l	95
41) 1,2-Dichloropropane	4.969	63	66861	48.75	ug/l	89
42) Trichloroethene	4.841	130	71621	48.23	ug/l	95
43) Benzene	4.447	78	253206	50.03	ug/l	100
44) tert-Amyl methyl ether	4.506	73	92841	49.39	ug/l	87
46) Dibromochloromethane	6.093	129	54710	45.12	ug/l	98
47) 2-Chloroethylvinylether	5.294	63	20896	42.59	ug/l	92
48) cis-1,3-Dichloropropene	5.403	75	93140	46.48	ug/l	96
49) trans-1,3-Dichloropropene	5.718	75	77667	46.26	ug/l	98
50) 1,1,2-Trichloroethane	5.836	97	41592	46.47	ug/l	95
51) 1,2-Dibromoethane	6.172	107	40225	43.33	ug/l	96
52) 1,3-Dichloropropane	5.945	76	77450	47.85	ug/l	99
53) 4-Methyl-2-Pentanone	5.482	43	29463	43.23	ug/l	89
54) 2-Hexanone	5.974	43	21097	46.07	ug/l	89
55) Tetrachloroethene	5.955	164	61856	45.99	ug/l	98
57) Toluene	5.620	92	157319	45.49	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.497	133	58482	48.66	ug/l	99
59) Chlorobenzene	6.457	112	157202	48.81	ug/l	100
61) Bromoform	6.960	173	31164	43.26	ug/l	97
62) Ethylbenzene	6.517	106	65096	46.36	ug/l	94
63) 1,1,2,2-Tetrachloroethane	7.197	83	44327	45.58	ug/l	89
65) Styrene	6.822	104	160744	46.77	ug/l	81
66) m&p-Xylenes	6.576	106	210213	90.88	ug/l	89

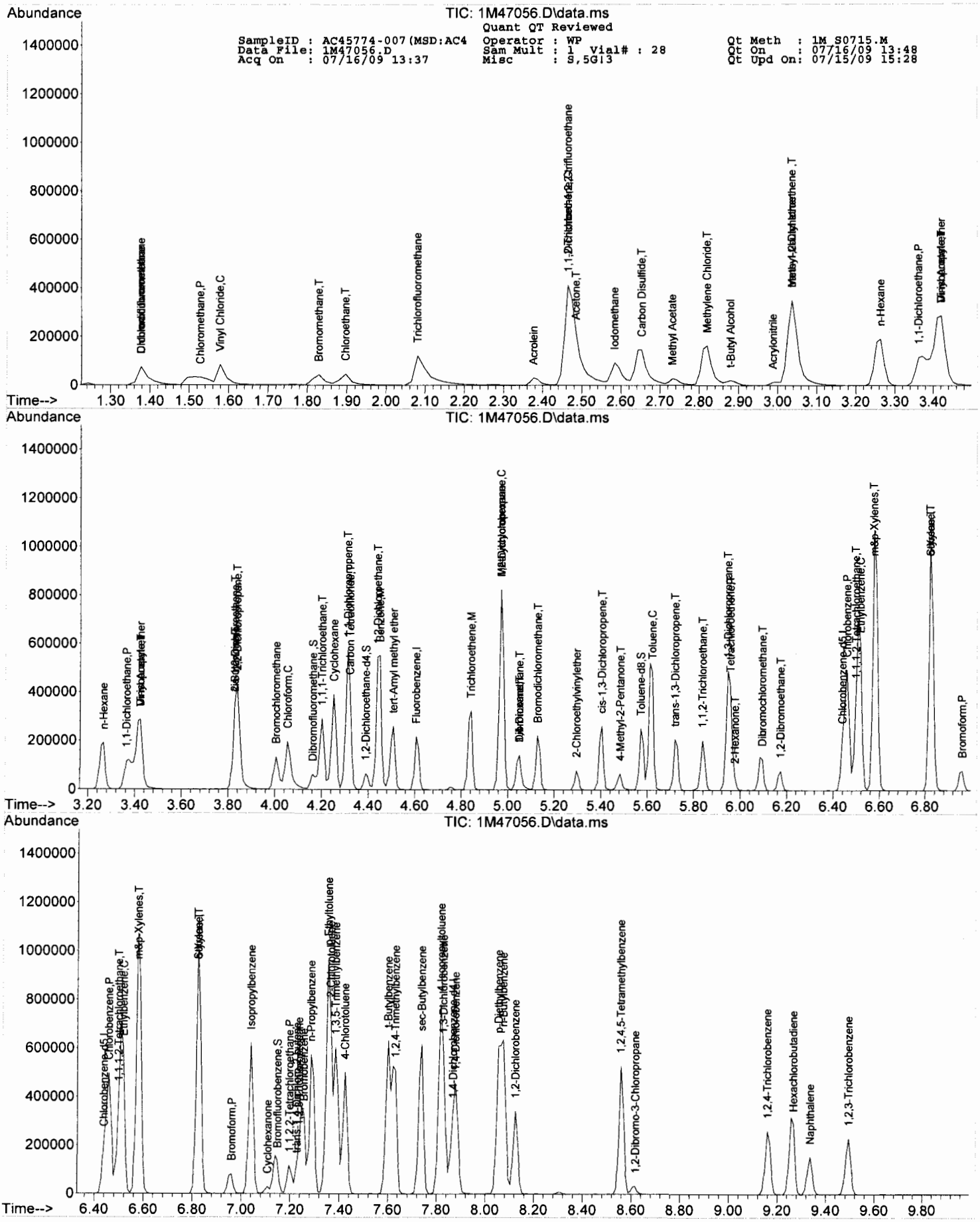
Quantitation Report (QT Reviewed)

SampleID : AC45774-007(MSD:AC4 Operator : WP Qt Meth : 1M_S0715.M
Data File: 1M47056.D Sam Mult : 1 Vial# : 28 Qt On : 07/16/09 13:48
Acq On : 07/16/09 13:37 Misc : S,5G!3 Qt Upd On: 07/15/09 15:28

Data Path : G:\GcMsData\2009\GCMS_1\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) o-Xylene	6.822	106	102431	46.16	ug/l	86
68) trans-1,4-Dichloro-2-b...	7.226	53	17322	46.26	ug/l	77
69) 1,3-Dichlorobenzene	7.827	146	119332	46.16	ug/l	92
70) 1,4-Dichlorobenzene	7.877	146	115025	45.07	ug/l	93
71) 1,2-Dichlorobenzene	8.123	146	100994	44.07	ug/l	90
72) Isopropylbenzene	7.039	105	279133	45.86	ug/l	96
73) Cyclohexanone	7.108	55	9970	416.36	ug/l	92
74) 1,2,3-Trichloropropane	7.236	75	59438	46.49	ug/l	90
75) 2-Chlorotoluene	7.364	91	158336	43.72	ug/l	96
76) p-Ethyltoluene	7.354	105	297731	60.41	ug/l	95
77) 4-Chlorotoluene	7.423	91	169024	44.68	ug/l	95
78) n-Propylbenzene	7.285	91	349371	46.35	ug/l	99
79) Bromobenzene	7.256	77	146268	46.08	ug/l	89
80) 1,3,5-Trimethylbenzene	7.384	105	208757	47.73	ug/l	51
81) t-Butylbenzene	7.601	119	233302	47.59	ug/l	88
82) 1,2,4-Trimethylbenzene	7.630	105	242881	48.01	ug/l	93
83) sec-Butylbenzene	7.739	105	313778	46.45	ug/l	96
84) 4-Isopropyltoluene	7.817	119	244185	47.84	ug/l	94
85) n-Butylbenzene	8.074	91	308309	46.15	ug/l	97
86) p-Diethylbenzene	8.054	119	137895	45.45	ug/l	95
87) 1,2,4,5-Tetramethylben...	8.557	119	219301	49.69	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	8.616	157	7752	43.68	ug/l	72
89) Hexachlorobutadiene	9.266	225	62301	40.91	ug/l	98
90) 1,2,4-Trichlorobenzene	9.158	180	68357	42.39	ug/l	98
91) 1,2,3-Trichlorobenzene	9.493	180	60385	40.51	ug/l	97
92) Naphthalene	9.335	128	98578	47.14	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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TIC: 1M47056.D\data.ms
Quant QT Reviewed
SampleID : AC45774-007(MSD:AC4
Data File: 1M47056.D
Acq On : 07/16/09 13:37
Operator : WP
Sam Mult : 1 Vial# : 28
Misc : S,5G13
Qt Meth : 1M_S0715.M
Qt On : 07/16/09 13:48
Qt Upd On: 07/15/09 15:28
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
p-Isopropyltoluene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

FORM 3

Spike Recovery

Batch Number: MBS12793
Mbs Name: MBS12793
Ns Name: AC45774-008
Ms Name: AC45774-009(MS:
Msd Name: AC45774-010(MSD

Mbs File: 8M39710.D
Non Spk'd File: 8M39751.D
Spike File: 8M39714.D
Spike Dup File: 8M39715.D
Matrix: Aqueous
Method: EPA 8260B

Mbs Date: 07/16/09 14:31
Non Spk'd Date: 07/17/09 08:39
Spike Date : 07/16/09 15:52
Spike Dup Date: 07/16/09 16:09

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	6	1	0	20	21	137	30	22.11	0.00	22.77	23.22	111	114	116	2
1,1-Dichloroethene	19	1	0	20	21	133	34	18.27	0.00	19.75	20.10	91	99	100	1.8
1,1-Dichloroethane	22	1	0	20	44	134	30	20.17	0.00	20.54	20.83	101	103	104	1.4
Chloroform	29	1	0	20	40	148	37	20.36	0.00	21.32	21.59	102	107	108	1.3
1,2-Dichloroethane	33	1	0	20	43	144	34	22.18	0.00	21.91	23.27	111	110	116	6
2-Butanone	34	1	0	20	25	157	47	18.12	0.00	19.48	18.37	91	97	92	5.9
Carbon Tetrachloride	36	1	0	20	42	146	32	21.59	0.00	22.96	21.35	108	115	107	7.3
Trichloroethene	42	1	0	20	46	127	30	20.12	0.00	20.63	21.97	101	103	110	6.3
Benzene	43	1	0	20	49	135	29	23.73	0.00	24.35	23.94	119	122	120	1.7
Tetrachloroethene	55	1	0	20	42	138	27	22.74	0.00	21.59	22.71	114	108	114	5.1
Toluene	57	1	0	20	53	129	33	22.87	0.00	21.61	22.97	114	108	115	6.1
Chlorobenzene	59	1	0	20	51	129	30	20.23	0.00	20.38	19.86	101	102	99	2.6
1,4-Dichlorobenzene	70	1	0	20	45	128	30	19.78	0.00	20.17	18.14	99	101	91	11
1,2-Dichlorobenzene	71	1	0	20	50	126	34	19.99	0.00	20.54	18.81	100	103	94	8.8
n-Propylbenzene	78	1	0	20	45	135	32	22.20	0.00	21.90	20.11	111	110	101	8.5
sec-Butylbenzene	83	1	0	20	43	123	33	21.32	0.00	21.47	20.29	107	107	101	5.7

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 8M39710.D
Acq On : 07/16/09 14:31

Operator : WP
Sam Mult : 1 Vial# : 27
Misc : A,5ML

Qt Meth : 8M_A0716.M
Qt On : 07/16/09 14:45
Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.513	96	177341	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.087	117	120696	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	65456	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	56741	27.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.70%			
32) 1,2-Dichloroethane-d4	4.321	102	10565	30.32	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.07%			
56) Toluene-d8	5.342	100	102657	31.67	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.57%			
64) Bromofluorobenzene	6.694	174	76868	32.01	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.70%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.315	85	46475	23.04	ug/l	96
4) Chloromethane	1.456	50	46767	23.65	ug/l	89
5) Bromomethane	1.786	94	28920	22.71	ug/l	96
6) Vinyl Chloride	1.531	62	44060	22.11	ug/l	89
7) Chloroethane	1.852	64	22967	20.90	ug/l	99
8) Trichlorofluoromethane	2.049	101	62915	19.62	ug/l	86
9) 1,1,2-Trichloro-1,2,2-...	2.430	101	29594	19.74	ug/l	85
10) Methylene Chloride	2.785	84	42149	21.01	ug/l	99
11) Acrolein	2.352	56	23497	80.23	ug/l	99
12) Acrylonitrile	2.972	53	12605	22.51	ug/l	95
13) Iodomethane	2.548	142	76383	18.99	ug/l	82
14) Acetone	2.460	43	57100	99.41	ug/l	99
15) Carbon Disulfide	2.598	76	104768	19.12	ug/l	100
16) t-Butyl Alcohol	2.863	59	20933	118.59	ug/l	84
17) n-Hexane	3.208	57	17566	15.47	ug/l	81
18) Di-isopropyl-ether	3.375	45	117903	18.82	ug/l	89
19) 1,1-Dichloroethene	2.430	61	55695	18.27	ug/l	97
20) Methyl Acetate	2.706	43	28634	20.92	ug/l	100
21) Methyl-t-butyl ether	3.001	73	108503	17.77	ug/l	93
22) 1,1-Dichloroethane	3.326	63	73167	20.17	ug/l	96
23) trans-1,2-Dichloroethene	3.001	96	39309	22.36	ug/l	91
24) cis-1,2-Dichloroethene	3.786	61	68810	20.06	ug/l	93
25) Bromochloromethane	3.954	49	29694	19.25	ug/l	76
26) 2,2-Dichloropropane	3.786	77	59223	20.82	ug/l	90
27) 1,4-Dioxane	4.897	88	19099	962.23	ug/l	93
28) 1,1-Dichloropropene	4.237	75	52493	21.14	ug/l	91
29) Chloroform	4.008	83	76087	20.36	ug/l	88
31) Cyclohexane	4.177	56	35413	17.83	ug/l	89
33) 1,2-Dichloroethane	4.369	62	69818	22.18	ug/l	98
34) 2-Butanone	3.792	43	14105	18.12	ug/l	97
35) 1,1,1-Trichloroethane	4.135	97	66812	20.60	ug/l	93
36) Carbon Tetrachloride	4.243	117	59141	21.59	ug/l	78
37) Vinyl Acetate	3.366	43	111104	16.25	ug/l	100
38) Bromodichloromethane	4.970	83	54465	18.51	ug/l	95
39) Methylcyclohexane	4.825	83	31830	20.96	ug/l	91
40) Dibromomethane	4.897	174	38121	20.92	ug/l	96
41) 1,2-Dichloropropane	4.831	63	33987	18.99	ug/l	99
42) Trichloroethene	4.717	130	42194	20.12	ug/l	87
43) Benzene	4.363	78	130490	23.73	ug/l	100
44) tert-Amyl methyl ether	4.417	73	94938	18.90	ug/l	79
46) Dibromochloromethane	5.786	129	39083	18.09	ug/l	97
47) 2-Chloroethylvinylether	5.114	63	20002	20.83	ug/l	94
48) cis-1,3-Dichloropropene	5.198	75	53908	18.87	ug/l	100
49) trans-1,3-Dichloropropene	5.474	75	53965	18.98	ug/l	94
50) 1,1,2-Trichloroethane	5.576	97	31111	20.18	ug/l	97
51) 1,2-Dibromoethane	5.853	107	33954	18.75	ug/l	98
52) 1,3-Dichloropropane	5.660	76	48869	18.45	ug/l	98
53) 4-Methyl-2-Pentanone	5.270	43	29668	21.43	ug/l	97
54) 2-Hexanone	5.690	43	19154	21.03	ug/l	88
55) Tetrachloroethene	5.660	164	35756	22.74	ug/l	100
57) Toluene	5.378	92	75010	22.87	ug/l	93
58) 1,1,1,2-Tetrachloroethane	6.135	133	35913	20.11	ug/l	98
59) Chlorobenzene	6.099	112	85677	20.23	ug/l	100
61) Bromoform	6.531	173	30532	19.37	ug/l	96
62) Ethylbenzene	6.147	106	45064	24.25	ug/l	87
63) 1,1,2,2-Tetrachloroethane	6.748	83	31515	19.11	ug/l	97
65) Styrene	6.417	104	86783	21.68	ug/l	92
66) m&p-Xylenes	6.207	106	103334	53.26	ug/l	99
67) o-Xylene	6.417	106	50049	22.62	ug/l	88

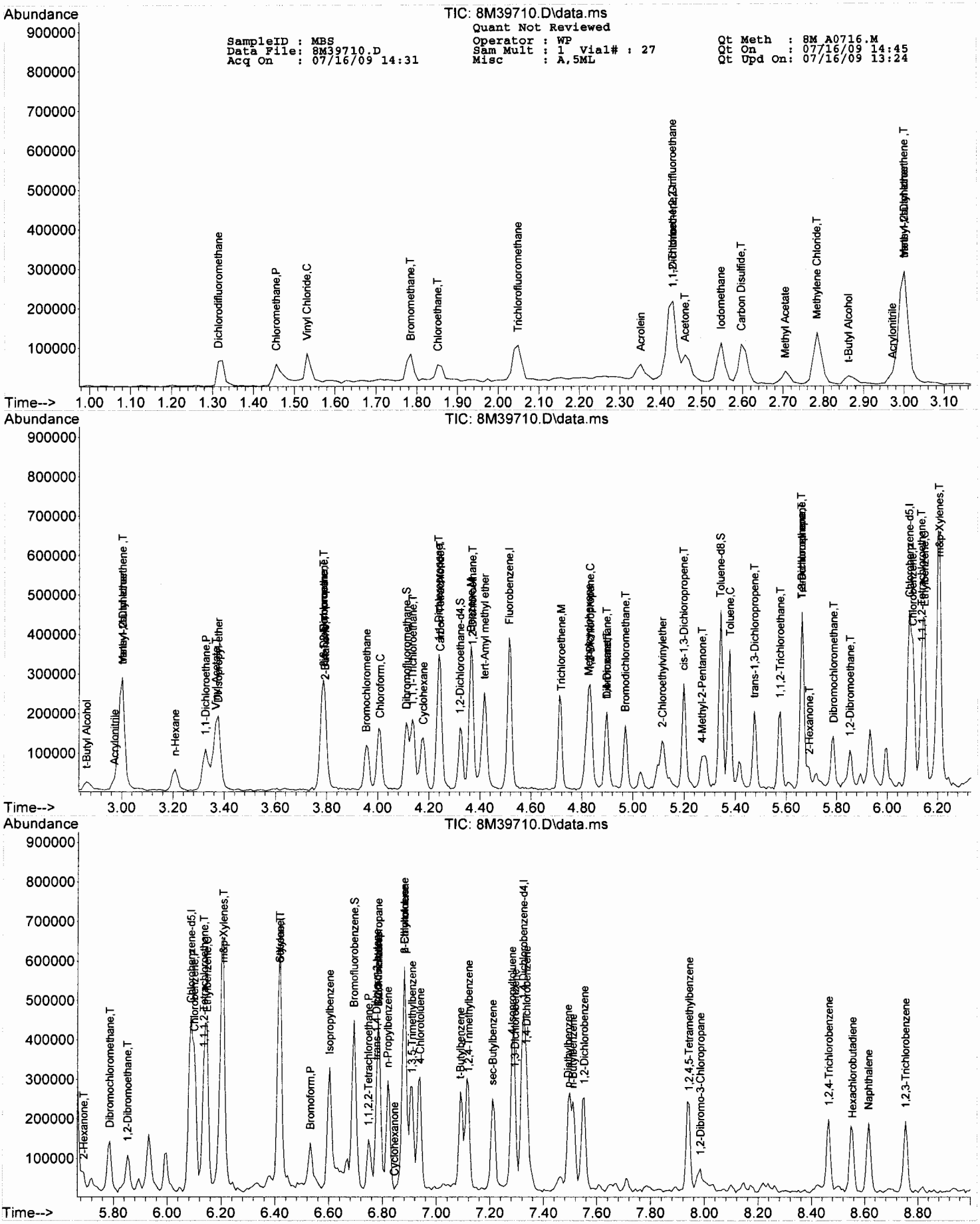
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39710.D Sam Mult : 1 Vial# : 27 Qt On : 07/16/09 14:45
Acq On : 07/16/09 14:31 Misc : A,5ML Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
68) trans-1,4-Dichloro-2-b...	6.778	53	13064	21.74 ug/l	32
69) 1,3-Dichlorobenzene	7.294	146	63802	21.68 ug/l	99
70) 1,4-Dichlorobenzene	7.336	146	65936	19.78 ug/l	96
71) 1,2-Dichlorobenzene	7.553	146	61699	19.99 ug/l	96
72) Isopropylbenzene	6.603	105	107819	20.49 ug/l	96
73) Cyclohexanone	6.844	55	1542	30.08 ug/l	82
74) 1,2,3-Trichloropropane	6.784	75	43506	19.16 ug/l	95
75) 2-Chlorotoluene	6.880	91	98300	22.54 ug/l	96
76) p-Ethyltoluene	6.880	105	101810	21.80 ug/l	88
77) 4-Chlorotoluene	6.940	91	90552	21.18 ug/l	93
78) n-Propylbenzene	6.820	91	126601	22.20 ug/l	92
79) Bromobenzene	6.784	77	73290	23.80 ug/l	92
80) 1,3,5-Trimethylbenzene	6.910	105	93134	21.71 ug/l	91
81) t-Butylbenzene	7.090	119	80377	21.88 ug/l	83
82) 1,2,4-Trimethylbenzene	7.120	105	100313	22.82 ug/l	96
83) sec-Butylbenzene	7.210	105	90023	21.32 ug/l	99
84) 4-Isopropyltoluene	7.282	119	77534	21.17 ug/l	95
85) n-Butylbenzene	7.510	91	86836	20.06 ug/l	90
86) p-Diethylbenzene	7.492	119	49584	22.28 ug/l	95
87) 1,2,4,5-Tetramethylben...	7.943	119	82167	22.87 ug/l	92
88) 1,2-Dibromo-3-Chloropr...	7.985	157	7961	18.03 ug/l	91
89) Hexachlorobutadiene	8.556	225	27283	22.00 ug/l	93
90) 1,2,4-Trichlorobenzene	8.466	180	37500	19.01 ug/l	96
91) 1,2,3-Trichlorobenzene	8.754	180	33926	16.95 ug/l	89
92) Naphthalene	8.616	128	80871	19.15 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39710.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 8M39710.D
Acq On : 07/16/09 14:31
Operator : WP
Sam Mult : 1 Vial# : 27
Misc : A,5ML
Qt Meth : 8M_A0716.M
Qt On : 07/16/09 14:45
Qt Upd On: 07/16/09 13:24
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->

Abundance
TIC: 8M39710.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Toluene,C
cis-1,3-Dichloropropene,T
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Time-->

Abundance
TIC: 8M39710.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Cyclohexanone
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC45774-009(MS:AC45 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39714.D Sam Mult : 1 Vial# : 31 Qt On : 07/17/09 06:10
Acq On : 07/16/09 15:52 Misc : A,5ML!7 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.519	96	172388	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.087	117	119612	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	64880	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	59269	29.57	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.57%			
32) 1,2-Dichloroethane-d4	4.327	102	10506	31.02	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.40%			
56) Toluene-d8	5.342	100	92989	28.95	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.50%			
64) Bromofluorobenzene	6.694	174	70365	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.53%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.319	85	45282	23.10	ug/l	99
4) Chloromethane	1.460	50	46501	24.19	ug/l	98
5) Bromomethane	1.780	94	28552	23.06	ug/l	98
6) Vinyl Chloride	1.535	62	44097	22.77	ug/l	99
7) Chloroethane	1.856	64	23220	21.73	ug/l	89
8) Trichlorofluoromethane	2.044	101	76829	24.65	ug/l	98
9) 1,1,2-Trichloro-1,2,2-...	2.430	101	30170	20.70	ug/l	89
10) Methylene Chloride	2.784	84	38435	19.71	ug/l	82
11) Acrolein	2.351	56	22491	79.01	ug/l	99
12) Acrylonitrile	2.971	53	12569	23.09	ug/l	96
13) Iodomethane	2.548	142	79482	20.33	ug/l	71
14) Acetone	2.469	43	50869	91.11	ug/l	93
15) Carbon Disulfide	2.607	76	112797	21.18	ug/l	100
16) t-Butyl Alcohol	2.873	59	17079	99.54	ug/l	79
17) n-Hexane	3.208	57	15787	14.30	ug/l	87
18) Di-isopropyl-ether	3.375	45	121521	19.95	ug/l	97
19) 1,1-Dichloroethene	2.430	61	58506	19.75	ug/l	97
20) Methyl Acetate	2.705	43	31414	23.61	ug/l	100
21) Methyl-t-butyl ether	3.001	73	111438	18.77	ug/l	91
22) 1,1-Dichloroethane	3.326	63	72419	20.54	ug/l	86
23) trans-1,2-Dichloroethene	3.001	96	41482	24.28	ug/l	91
24) cis-1,2-Dichloroethene	3.786	61	65126	19.53	ug/l	95
25) Bromochloromethane	3.955	49	29681	19.79	ug/l	92
26) 2,2-Dichloropropane	3.792	77	56201	20.33	ug/l	89
27) 1,4-Dioxane	4.898	88	16621	861.44	ug/l	99
28) 1,1-Dichloropropene	4.237	75	52218	21.63	ug/l	84
29) Chloroform	4.003	83	77440	21.32	ug/l	95
31) Cyclohexane	4.177	56	35562	18.42	ug/l	94
33) 1,2-Dichloroethane	4.369	62	67104	21.91	ug/l	96
34) 2-Butanone	3.798	43	14744	19.48	ug/l	90
35) 1,1,1-Trichloroethane	4.135	97	68132	21.61	ug/l	90
36) Carbon Tetrachloride	4.243	117	61159	22.96	ug/l	89
37) Vinyl Acetate	3.365	43	112110	16.86	ug/l	100
38) Bromodichloromethane	4.970	83	52692	18.43	ug/l	99
39) Methylcyclohexane	4.820	83	27948	18.93	ug/l	93
40) Dibromomethane	4.898	174	35734	20.17	ug/l	89
41) 1,2-Dichloropropane	4.832	63	33585	19.31	ug/l	95
42) Trichloroethene	4.717	130	42043	20.63	ug/l	87
43) Benzene	4.363	78	130177	24.35	ug/l	100
44) tert-Amyl methyl ether	4.417	73	96032	19.67	ug/l	78
46) Dibromochloromethane	5.787	129	40417	18.88	ug/l	96
48) cis-1,3-Dichloropropene	5.198	75	57075	20.16	ug/l	92
49) trans-1,3-Dichloropropene	5.474	75	52849	18.76	ug/l	99
50) 1,1,2-Trichloroethane	5.576	97	29148	19.08	ug/l	95
51) 1,2-Dibromoethane	5.853	107	32798	18.27	ug/l	94
52) 1,3-Dichloropropane	5.661	76	49133	18.72	ug/l	98
53) 4-Methyl-2-Pentanone	5.270	43	25514	18.60	ug/l	99
54) 2-Hexanone	5.691	43	19560	21.67	ug/l	98
55) Tetrachloroethene	5.661	164	33645	21.59	ug/l	96
57) Toluene	5.378	92	70253	21.61	ug/l	91
58) 1,1,1,2-Tetrachloroethane	6.135	133	36328	20.53	ug/l	99
59) Chlorobenzene	6.099	112	85526	20.38	ug/l	96
61) Bromoform	6.532	173	29847	19.10	ug/l	100
62) Ethylbenzene	6.147	106	42496	23.07	ug/l	93
63) 1,1,2,2-Tetrachloroethane	6.748	83	32252	19.73	ug/l	86
65) Styrene	6.417	104	84317	21.25	ug/l	85
66) m&p-Xylenes	6.207	106	95262	49.54	ug/l	86
67) o-Xylene	6.417	106	51106	23.31	ug/l	94
68) trans-1,4-Dichloro-2-b...	6.778	53	11770	19.76	ug/l	44

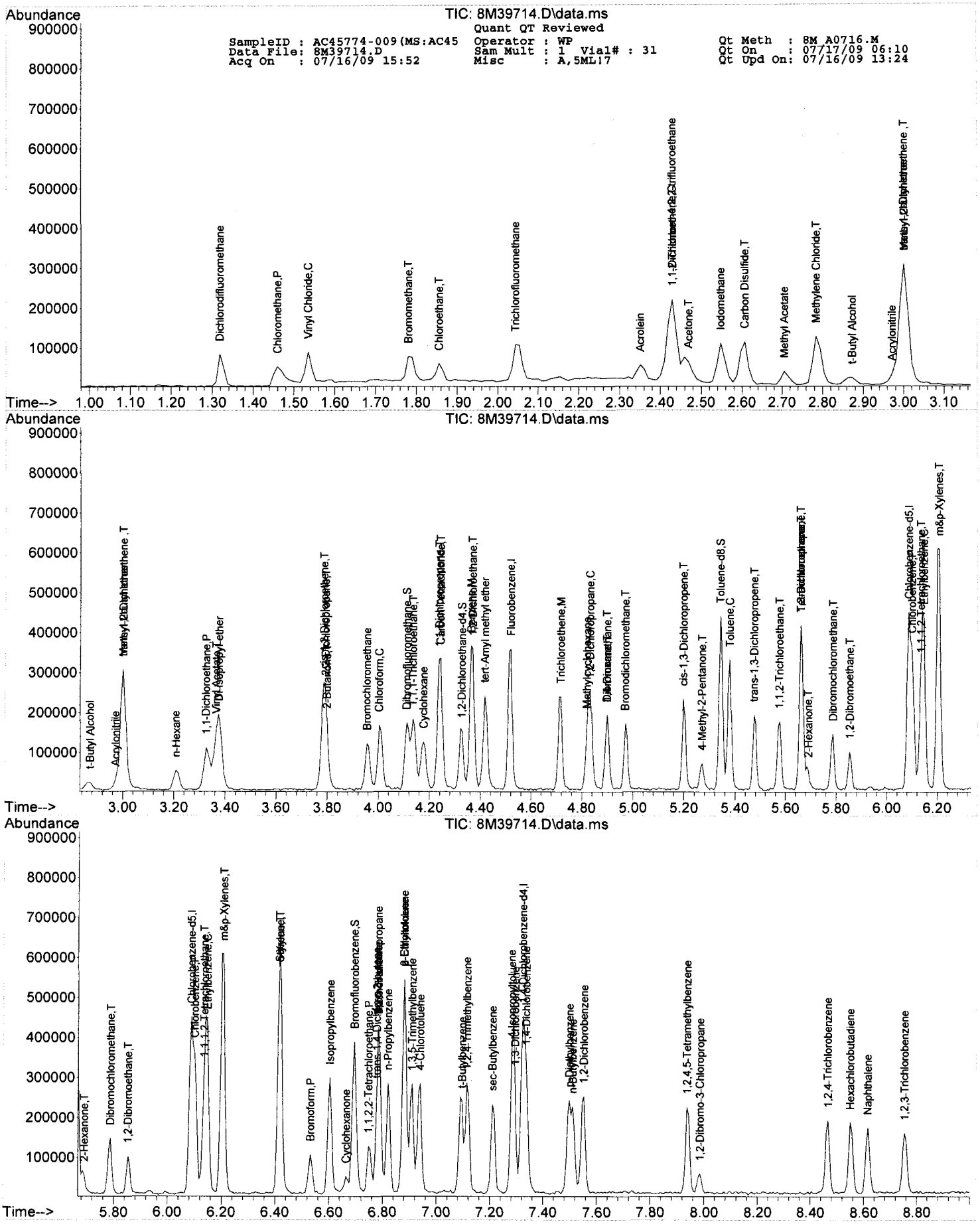
Quantitation Report (QT Reviewed)

SampleID : AC45774-009(MS:AC45 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39714.D Sam Mult : 1 Vial# : 31 Qt On : 07/17/09 06:10
Acq On : 07/16/09 15:52 Misc : A,5ML!7 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
69) 1,3-Dichlorobenzene	7.294	146	61981	21.24 ug/l	97
70) 1,4-Dichlorobenzene	7.336	146	66657	20.17 ug/l	93
71) 1,2-Dichlorobenzene	7.553	146	62835	20.54 ug/l	96
72) Isopropylbenzene	6.604	105	107674	20.65 ug/l	97
73) Cyclohexanone	6.664	55	9274	182.54 ug/l	87
74) 1,2,3-Trichloropropane	6.784	75	43749	19.44 ug/l	94
75) 2-Chlorotoluene	6.880	91	96320	22.28 ug/l	96
76) p-Ethyltoluene	6.880	105	97997	21.17 ug/l	98
77) 4-Chlorotoluene	6.940	91	91824	21.67 ug/l	94
78) n-Propylbenzene	6.820	91	123777	21.90 ug/l	98
79) Bromobenzene	6.784	77	75484	24.73 ug/l	94
80) 1,3,5-Trimethylbenzene	6.910	105	88867	20.90 ug/l	89
81) t-Butylbenzene	7.096	119	81067	22.26 ug/l	93
82) 1,2,4-Trimethylbenzene	7.114	105	92859	21.31 ug/l	91
83) sec-Butylbenzene	7.210	105	89876	21.47 ug/l	96
84) 4-Isopropyltoluene	7.282	119	75946	20.93 ug/l	91
85) n-Butylbenzene	7.511	91	87761	20.45 ug/l	91
86) p-Diethylbenzene	7.499	119	40862	18.52 ug/l	99
87) 1,2,4,5-Tetramethylben...	7.937	119	72171	20.27 ug/l	90
88) 1,2-Dibromo-3-Chloropr...	7.985	157	7584	17.33 ug/l	79
89) Hexachlorobutadiene	8.550	225	26068	21.21 ug/l	93
90) 1,2,4-Trichlorobenzene	8.466	180	39049	19.97 ug/l	97
91) 1,2,3-Trichlorobenzene	8.754	180	33101	16.68 ug/l	92
92) Naphthalene	8.616	128	77334	18.47 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 8M39714.D\data.ms
Quant QT Reviewed
SampleID : AC45774-009(MS:AC45
Data File: 8M39714.D
Acq On : 07/16/09 15:52
Operator : WP
Sam Mult : 1 Vial# : 31
Misc : A,5ML17
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC45774-010(MSD:AC4 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39715.D Sam Mult : 1 Vial# : 32 Qt On : 07/17/09 06:10
Acq On : 07/16/09 16:09 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.519	96	169805	30.00	ug/l	0.00
45) Chlorobenzene-d5	6.087	117	115764	30.00	ug/l	0.00
60) 1,4-Dichlorobenzene-d4	7.324	152	66642	30.00	ug/l	0.00
System Monitoring Compounds						
30) Dibromofluoromethane	4.111	111	58995	29.88	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.60%			
32) 1,2-Dichloroethane-d4	4.327	102	9421	28.24	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.13%			
56) Toluene-d8	5.342	100	97329	31.31	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.37%			
64) Bromofluorobenzene	6.694	174	71822	29.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.93%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	1.320	85	45355	23.49	ug/l	94
4) Chloromethane	1.461	50	44174	23.33	ug/l	99
5) Bromomethane	1.781	94	28475	23.35	ug/l	96
6) Vinyl Chloride	1.536	62	44302	23.22	ug/l	96
7) Chloroethane	1.857	64	23293	22.13	ug/l	99
8) Trichlorofluoromethane	2.045	101	70444	22.94	ug/l	96
9) 1,1,2-Trichloro-1,2,2-...	2.420	101	32056	22.33	ug/l	85
10) Methylene Chloride	2.784	84	40980	21.33	ug/l	97
11) Acrolein	2.351	56	20398	72.74	ug/l	85
12) Acrylonitrile	2.971	53	12181	22.72	ug/l	95
13) Iodomethane	2.548	142	79240	20.57	ug/l	83
14) Acetone	2.459	43	53765	97.76	ug/l	95
15) Carbon Disulfide	2.607	76	108375	20.66	ug/l	100
16) t-Butyl Alcohol	2.863	59	20158	119.27	ug/l	97
17) n-Hexane	3.208	57	16683	15.34	ug/l	80
18) Di-isopropyl-ether	3.375	45	108144	18.03	ug/l	95
19) 1,1-Dichloroethene	2.430	61	58649	20.10	ug/l	95
20) Methyl Acetate	2.705	43	28268	21.57	ug/l	100
21) Methyl-t-butyl ether	3.001	73	115062	19.68	ug/l	90
22) 1,1-Dichloroethane	3.326	63	72344	20.83	ug/l	98
23) trans-1,2-Dichloroethene	3.001	96	40542	24.09	ug/l	98
24) cis-1,2-Dichloroethene	3.786	61	66086	20.12	ug/l	87
25) Bromochloromethane	3.961	49	28622	19.38	ug/l	85
26) 2,2-Dichloropropane	3.792	77	62523	22.96	ug/l	91
27) 1,4-Dioxane	4.904	88	18619	979.68	ug/l	83
28) 1,1-Dichloropropene	4.237	75	50176	21.10	ug/l	91
29) Chloroform	4.009	83	77258	21.59	ug/l	92
31) Cyclohexane	4.177	56	35547	18.70	ug/l	98
33) 1,2-Dichloroethane	4.369	62	69869	23.27	ug/l	95
34) 2-Butanone	3.792	43	13694	18.37	ug/l	98
35) 1,1,1-Trichloroethane	4.141	97	62362	20.08	ug/l	94
36) Carbon Tetrachloride	4.243	117	55994	21.35	ug/l	74
37) Vinyl Acetate	3.365	43	111756	17.07	ug/l	100
38) Bromodichloromethane	4.970	83	52699	18.71	ug/l	85
39) Methylcyclohexane	4.826	83	27999	19.26	ug/l	96
40) Dibromomethane	4.898	174	37746	21.63	ug/l	93
41) 1,2-Dichloropropane	4.838	63	34073	19.89	ug/l	99
42) Trichloroethene	4.717	130	44106	21.97	ug/l	86
43) Benzene	4.363	78	126065	23.94	ug/l	100
44) tert-Amyl methyl ether	4.417	73	92201	19.17	ug/l	81
46) Dibromochloromethane	5.787	129	38166	18.42	ug/l	91
48) cis-1,3-Dichloropropene	5.198	75	57335	20.92	ug/l	95
49) trans-1,3-Dichloropropene	5.474	75	51921	19.04	ug/l	85
50) 1,1,2-Trichloroethane	5.576	97	29385	19.87	ug/l	95
51) 1,2-Dibromoethane	5.853	107	33029	19.01	ug/l	98
52) 1,3-Dichloropropane	5.667	76	49442	19.47	ug/l	87
53) 4-Methyl-2-Pentanone	5.270	43	26617	20.05	ug/l	93
54) 2-Hexanone	5.685	43	20285	23.23	ug/l	81
55) Tetrachloroethene	5.661	164	34242	22.71	ug/l	95
57) Toluene	5.378	92	72271	22.97	ug/l	96
58) 1,1,1,2-Tetrachloroethane	6.141	133	35179	20.54	ug/l	82
59) Chlorobenzene	6.105	112	80679	19.86	ug/l	97
61) Bromoform	6.532	173	27419	17.08	ug/l	97
62) Ethylbenzene	6.147	106	41273	21.82	ug/l	98
63) 1,1,2,2-Tetrachloroethane	6.748	83	32846	19.56	ug/l	80
65) Styrene	6.423	104	81900	20.09	ug/l	99
66) m&p-Xylenes	6.207	106	92535	46.85	ug/l	91
67) o-Xylene	6.417	106	50687	22.51	ug/l	83
68) trans-1,4-Dichloro-2-b...	6.778	53	11361	18.57	ug/l	46

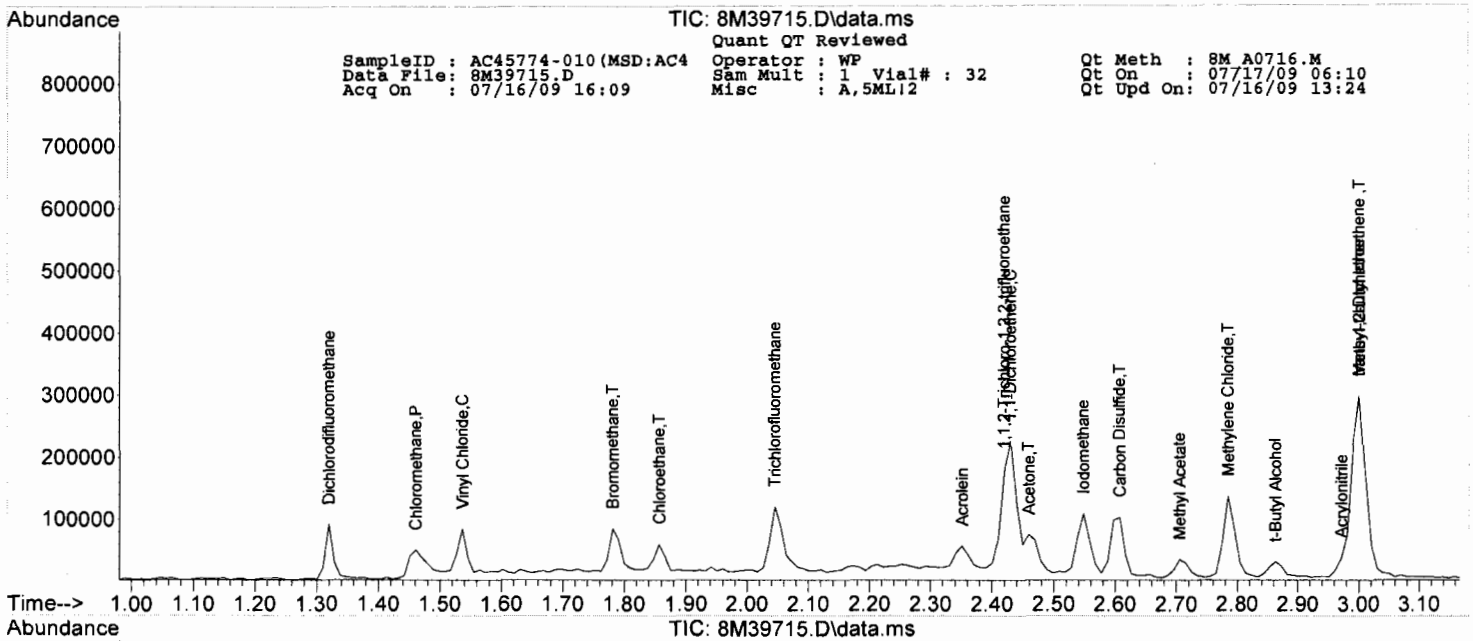
Quantitation Report (QT Reviewed)

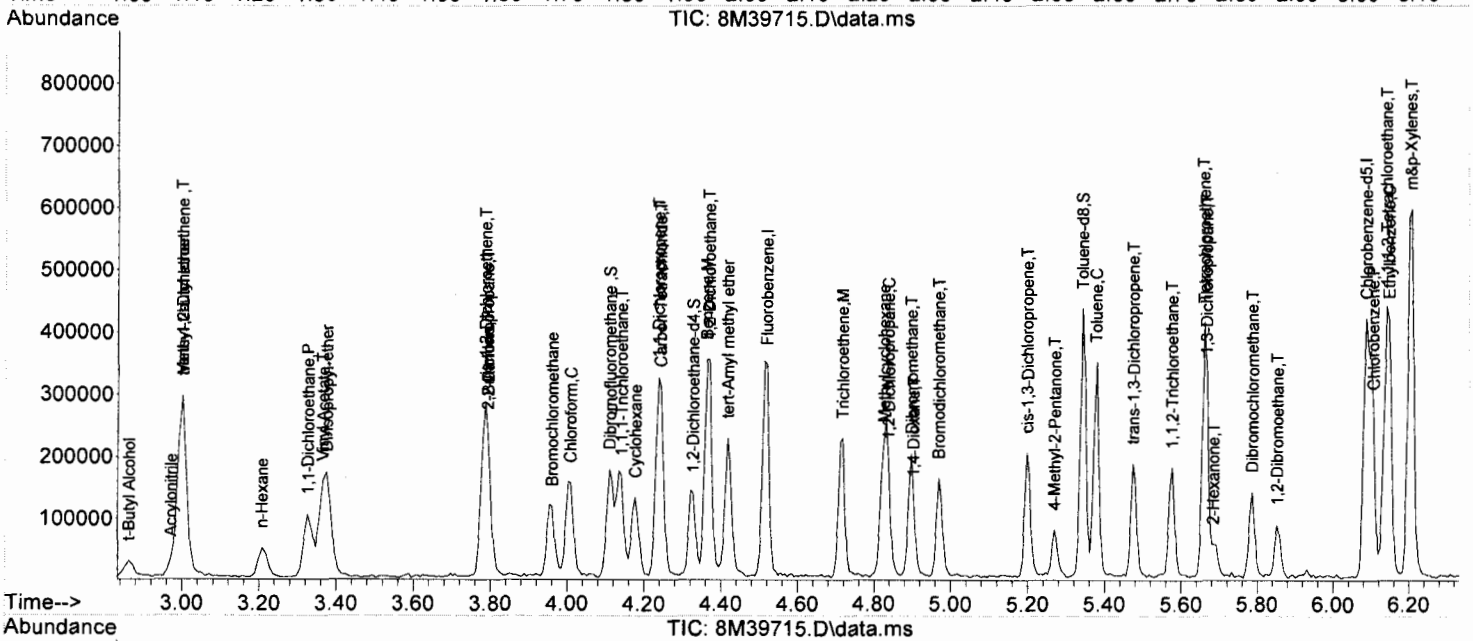
SampleID : AC45774-010(MSD:AC4 Operator : WP Qt Meth : 8M_A0716.M
Data File: 8M39715.D Sam Mult : 1 Vial# : 32 Qt On : 07/17/09 06:10
Acq On : 07/16/09 16:09 Misc : A,5ML!2 Qt Upd On: 07/16/09 13:24

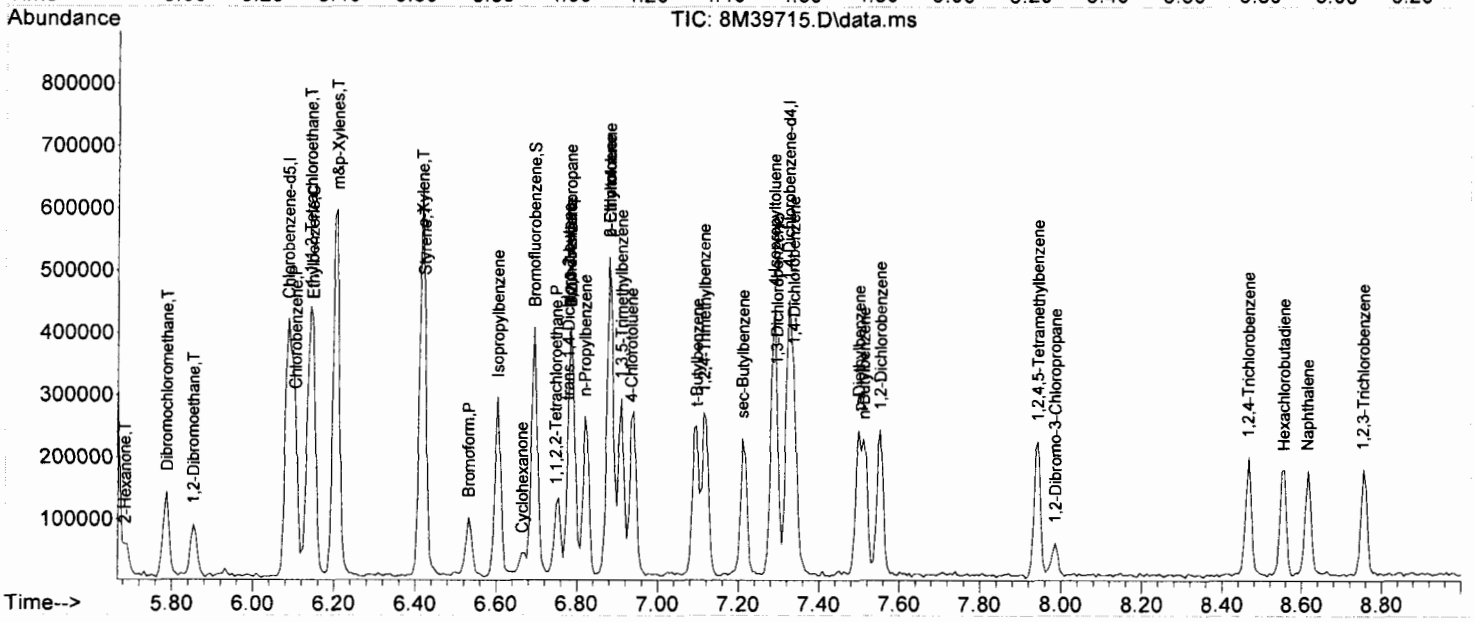
Data Path : G:\GcMsData\2009\GCMS_8\Data\07-16-09\
Qt Path : G:\Gcmsdata\2009\GCMS_8\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
69) 1,3-Dichlorobenzene	7.294	146	61400	20.49 ug/l	96
70) 1,4-Dichlorobenzene	7.336	146	61561	18.14 ug/l	92
71) 1,2-Dichlorobenzene	7.553	146	59089	18.81 ug/l	94
72) Isopropylbenzene	6.604	105	101430	18.93 ug/l	97
73) Cyclohexanone	6.664	55	8390	160.77 ug/l	73
74) 1,2,3-Trichloropropane	6.784	75	42974	18.59 ug/l	98
75) 2-Chlorotoluene	6.880	91	91824	20.68 ug/l	94
76) p-Ethyltoluene	6.880	105	91846	19.31 ug/l	94
77) 4-Chlorotoluene	6.934	91	78782	18.10 ug/l	89
78) n-Propylbenzene	6.820	91	116753	20.11 ug/l	96
79) Bromobenzene	6.784	77	71827	22.91 ug/l	90
80) 1,3,5-Trimethylbenzene	6.910	105	89919	20.58 ug/l	92
81) t-Butylbenzene	7.096	119	76914	20.56 ug/l	82
82) 1,2,4-Trimethylbenzene	7.114	105	93572	20.91 ug/l	91
83) sec-Butylbenzene	7.210	105	87235	20.29 ug/l	98
84) 4-Isopropyltoluene	7.288	119	74080	19.87 ug/l	93
85) n-Butylbenzene	7.511	91	83826	19.02 ug/l	97
86) p-Diethylbenzene	7.499	119	42256	18.65 ug/l	91
87) 1,2,4,5-Tetramethylben...	7.943	119	73648	20.13 ug/l	99
88) 1,2-Dibromo-3-Chloropr...	7.985	157	8026	17.86 ug/l	84
89) Hexachlorobutadiene	8.556	225	25839	20.47 ug/l	99
90) 1,2,4-Trichlorobenzene	8.466	180	36618	18.23 ug/l	94
91) 1,2,3-Trichlorobenzene	8.754	180	36458	17.89 ug/l	93
92) Naphthalene	8.616	128	80971	18.83 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 8M39715.D\data.ms
Quant QT Reviewed
SampleID : AC45774-010(MSD:AC4
Data File: 8M39715.D
Acq On : 07/16/09 16:09
Operator : WP
Sam Mult : 1 Vial# : 32
Misc : A,5ML!2
Qt Meth : 8M_A0716.M
Qt On : 07/17/09 06:10
Qt Upd On: 07/16/09 13:24
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
Time-->


Abundance
TIC: 8M39715.D\data.ms
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Time-->


Abundance
TIC: 8M39715.D\data.ms
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

GC/MS Volatile Data
Logbook Data

RUN LOG

1-1-2M43470

Instrument:

Year: 0460

Analyst:

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2M43470.D		TnIsCnSnc	Not Quant'd							
2M43471.D		TnIsCnSnc	Not Quant'd							
2M43472.D		TnIsCnSnc	Not Quant'd							
2M43473.D		TnIsCnSnc	Not Quant'd							
2M43474.D		TnIsCnSnc	Not Quant'd							
2M43475.D		TnIsCnSnc	Not Quant'd							
2M43476.D		TnIsCnSnc	Not Quant'd							
2M43477.D		TnIsCnSnc	Not Quant'd							
2M43478.D		TnIsCnSnc	Not Quant'd							
2M43479.D		TnIsCnSnc	Not Quant'd							
2M43480.D		TnIsCnSnc	Not Quant'd							
2M43481.D	BFB TUNE		V-65781,V-66520,V-68712	KL						06/30 12:25
2M43482.D	PREP BLK	CnAnc				Aqueous 1	1		624 8260	06/30 12:42
2M43483.D	1 PPB	CnAnc				Aqueous 1	1		624 8260	06/30 12:58
2M43484.D	CAL @ 0.5 PPB		B-5998	WP		Aqueous 1	1		624 8260	06/30 13:18
2M43485.D	CAL @ 500 PPB	Oc	B-5998	WP		Aqueous 1	1		624 8260	06/30 13:36
2M43486.D	CAL @ 250 PPB	Oc	B-5998	WP		Aqueous 1	1		624 8260	06/30 13:53
2M43487.D	CAL @ 100 PPB	Oc	B-5998	WP		Aqueous 1	1		624 8260	06/30 14:09
2M43488.D	CAL @ 50 PPB		B-5998	WP		Aqueous 1	1		624 8260	06/30 14:25
2M43489.D	CAL @ 20 PPB		B-5998	WP		Aqueous 1	1		624 8260	06/30 14:41
2M43490.D	CAL @ 10 PPB		B-5998	WP		Aqueous 1	1		624 8260	06/30 14:57
2M43491.D	CAL @ 5 PPB		B-5998	WP		Aqueous 1	1		624 8260	06/30 15:13
2M43492.D	BLK		-	WP		Aqueous 1	1		624 8260	06/30 15:55
2M43493.D	BLK		-	WP		Aqueous 1	1		624 8260	06/30 16:11
2M43494.D		TnIsCnSnc	- Not Quant'd	WP						
2M43495.D		TnIsCnSnc	- Not Quant'd	WP						
2M43496.D	CAL @ 1 PPB		B-5998	WP		Aqueous 1	1		624 8260	06/30 17:00
2M43497.D	ICV					Aqueous 1	1		624 8260	06/30 17:16
2M43498.D	ICV		V-68727	WP		Aqueous 1	1		624 8260	06/30 17:31
2M43499.D	BLK		-	WP		Aqueous 1	1		624 8260	06/30 17:47
2M43500.D	DAILY BLANK		-	WP		Methano 1	1		8260	06/30 18:03
2M43501.D	DAILY BLANK		-	WP		Aqueous 1	1		624 8260	06/30 18:19
2M43502.D	MBS12806		- MBS12806	WP		Aqueous 1	1		624 8260	06/30 18:35
2M43503.D	MBS12807		- MBS12807	WP		Methano 1	1		8260	06/30 18:52
2M43504.D	BLK		-	WP		Aqueous 1	1		624 8260	06/30 19:08
2M43505.D	BLK		-	WP		Aqueous 1	1		624 8260	06/30 19:24

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tdn/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tdn Extraction Performed Outside of Hold	Evro	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/nuodates modcheckprepnunds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_1 Year: 2004 61
Analyst: WP

1-1-1M47010

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M47010.	BFB TUNE		V-65781,V-66520,V-69021	DB						07/15 10:51
1M47011.	CAL @ 0.5 PPB		B-6073	DB		Soil	1	1	624 8260	07/15 11:01
1M47012.	CAL @ 1 PPB		B-6073	DB		Soil	1	1	624 8260	07/15 11:18
1M47013.	CAL @ 500 PPB	Oc	B-6073	DB		Soil	1	1	624 8260	07/15 11:35
1M47014.	CAL @ 250 PPB		B-6073	DB		Soil	1	1	624 8260	07/15 11:52
1M47015.	CAL @ 100 PPB		B-6073	DB		Soil	1	1	624 8260	07/15 12:09
1M47016.	CAL @ 50 PPB		B-6073	DB		Soil	1	1	624 8260	07/15 12:27
1M47017.	CAL @ 20 PPB		B-6073	DB		Soil	1	1	624 8260	07/15 12:44
1M47018.	CAL @ 10 PPB		B-6073	DB		Soil	1	1	624 8260	07/15 13:01
1M47019.	CAL @ 5 PPB		B-6073	DB		Soil	1	1	624 8260	07/15 13:18
1M47020.	BLK		-	DB		Soil	1	1	8260	07/15 13:35
1M47021.	STDTEST		-	DB		Soil	1	1	8260	07/15 13:57
1M47022.	BLK		-	DB		Soil	1	1	8260	07/15 14:14
1M47023.	ICV	Sd	V-69539	DB		Soil	2.5	1	8260	07/15 14:40
1M47024.	BLK		-	DB		Soil	1	1	8260	07/15 14:57
1M47025.	DAILY BLANK		OK	DB		Soil	1	1	8260	07/15 15:14
1M47026.	MBS12786		- MBS12786	DB		Soil	1	1	8260	07/15 15:31
1M47027.	AC45650-003(MS)		OK MBS12788	DB	VO-8260	Soil	1	1	8260	07/15 15:50
1M47028.	MBS12788		OK MBS12788	DB		Soil	1	1	8260	07/15 16:07
1M47029.	AC45650-003(MSD)		OK MBS12788	DB	VO-8260	Soil	1	1	8260	07/15 16:24
1M47030.	BLK		-	DB		Soil	1	1	8260	07/15 16:41
1M47031.	BLK		-	DB		Soil	1	1	8260	07/15 16:58

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Diff
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eha	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates.mod/checkprep/rund	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_1 Year: 2004 62
Analyst: WP

1-1-1M47033

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M47033.	BFB TUNE		V-65781,V-69572,V-66520,V-69021	DB						07/16 06:47
1M47034.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	07/16 07:01
1M47035.	BLK		-	DB		Soil	1	1	8260	07/16 07:21
1M47036.	DAILY BLANK		OK	DB		Soil	1	1	8260	07/16 07:38
1M47037.	AC45615-002		OK	DB	VO10-8260	Soil	1	1	8260	07/16 08:02
1M47038.	AC45615-006		OK	DB	VO10-8260	Soil	1	1	8260	07/16 08:19
1M47039.	AC45769-005	Ao	RR-5g	DB	VO-8260	Soil	1	1	8260	07/16 08:36
1M47040.	MBS12791		OK MBS12791	DB		Soil	1	1	8260	07/16 08:59
1M47041.	BLK		-	DB		Soil	1	1	8260	07/16 09:16
1M47042.	AC45769-006(5X)		OK	DB	VO-8260	Soil	1	5	8260	07/16 09:33
1M47043.	AC45769-008(5X)		OK	DB	VO-8260	Soil	1	5	8260	07/16 09:50
1M47044.	BLK		-	DB		Soil	1	1	8260	07/16 10:08
1M47045.	AC45769-001(5X)		OK	DB	VO-8260	Soil	1	5	8260	07/16 10:25
1M47046.	AC45769-007(5X)		OK	DB	VO-8260	Soil	1	5	8260	07/16 10:42
1M47047.	BLK		-	DB		Soil	1	1	8260	07/16 11:03
1M47048.	BLK		-	DB		Soil	1	1	8260	07/16 11:20
1M47049.	AC45774-001		OK	DB	VO-8260	Soil	1	1	8260	07/16 11:37
1M47050.	AC45774-002		OK	DB	VO-8260	Soil	1	1	8260	07/16 11:54
1M47051.	AC45769-005		OK	DB	VO-8260	Soil	1	1	8260	07/16 12:11
1M47052.	AC45774-003		OK	DB	VO-8260	Soil	1	1	8260	07/16 12:28
1M47053.	AC45774-004		OK	DB	VO-8260	Soil	1	1	8260	07/16 12:46
1M47054.	AC45774-005		OK MBS12791	DB	VO-8260	Soil	1	1	8260	07/16 13:03
1M47055.	AC45774-006(MS:AC4		OK MBS12791	DB	VO-8260	Soil	1	1	8260	07/16 13:20
1M47056.	AC45774-007(MSD:AC		OK MBS12791	DB	VO-8260	Soil	1	1	8260	07/16 13:37
1M47057.	AC45774-015		OK	DB	VO-8260	Soil	1	1	8260	07/16 13:54
1M47058.	AC45788-004		OK	DB	VOTAGM-826	Soil	1	1	8260	07/16 14:11
1M47059.	AC45788-008		OK	DB	VOTAGM-826	Soil	1	1	8260	07/16 14:28
1M47060.	BLK		-	DB		Soil	1	1	8260	07/16 14:47
1M47061.	BLK		-	DB		Soil	1	1	8260	07/16 15:04
1M47062.	45769-007		-	DB		Soil	1	1	8260	07/16 15:21
1M47063.	BLK		-	DB		Soil	1	1	8260	07/16 15:38
1M47064.	BLK		-	DB		Soil	1	1	8260	07/16 15:56
1M47065.	BLK		-	DB		Soil	1	1	8260	07/16 16:13
1M47066.	BLK		-	DB		Soil	1	1	8260	07/16 16:30
1M47067.	BLK		-	DB		Soil	1	1	8260	07/16 16:47
1M47068.	BLK		-	DB		Soil	1	1	8260	07/16 17:04
1M47069.	BLK		-	DB		Soil	1	1	8260	07/16 17:21
1M47070.	BLK		-	DB		Soil	1	1	8260	07/16 17:38
1M47071.	BLK		-	DB		Soil	1	1	8260	07/16 17:55

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rls	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endinp Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_8 Year: 2004 63
Analyst: WP

1-1-8M39688

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
8M39688.	BFB TUNE		V-65781,V-66520,V-69021	DB						07/16 08:14
8M39689.	BLK	IsCnAnc	-	DB		Aqueous	1	1	624 8260	07/16 08:39
8M39690.	CAL @ 1 PPB		B-6078	DB		Aqueous	1	1	624 8260	07/16 08:57
8M39691.	CAL @ 0.5 PPB		B-6078	DB		Aqueous	1	1	624 8260	07/16 09:16
8M39692.	CAL @ 5 PPB		B-6078	DB		Aqueous	1	1	624 8260	07/16 09:34
8M39693.	CAL @ 500 PPB	Oc	B-6078	DB		Aqueous	1	1	624 8260	07/16 09:50
8M39694.	CAL @ 250 PPB	Oc	B-6078	DB		Aqueous	1	1	624 8260	07/16 10:07
8M39695.	CAL @ 100 PPB		B-6078	DB		Aqueous	1	1	624 8260	07/16 10:23
8M39696.	CAL @ 50 PPB		B-6078	DB		Aqueous	1	1	624 8260	07/16 10:40
8M39697.	CAL @ 20 PPB		B-6078	DB		Aqueous	1	1	624 8260	07/16 10:56
8M39698.	CAL @ 10 PPB		B-6078	DB		Aqueous	1	1	624 8260	07/16 11:12
8M39699.	BLK		-	DB		Aqueous	1	1	624 8260	07/16 11:30
8M39700.	STDTEST		-	DB		Aqueous	1	1	624 8260	07/16 11:47
8M39701.	BLK		-	DB		Aqueous	1	1	624 8260	07/16 12:04
8M39702.	ICV		V-69592	DB		Aqueous	1	1	624 8260	07/16 12:20
8M39703.	BLK		-	DB		Aqueous	1	1	624 8260	07/16 12:36
8M39704.	DAILY BLANK		OK	DB		Methano	1	1	8260	07/16 12:52
8M39705.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	07/16 13:09
8M39706.	AC45788-007	Oc	RR-80uL	DB	VOTAGM-826	Methano	1	1	8260	07/16 13:26
8M39707.	AC45788-008		RR-5g	DB	VOTAGM-826	Methano	1	1	8260	07/16 13:42
8M39708.	AC45788-010		OK	DB	VOTAGM-826	Methano	1	1	8260	07/16 13:58
8M39709.	AC45788-009(80uL)		OK	DB	VOTAGM-826	Methano	1	10	8260	07/16 14:15
8M39710.	MBS12793		OK MBS12793	DB		Aqueous	1	1	624 8260	07/16 14:31
8M39711.	ICV 100	Ivo	-	DB		Methano	1	1	8260	07/16 15:04
8M39712.	MBS12794		OK MBS12794	DB		Methano	1	1	8260	07/16 15:20
8M39713.	AC45774-008		RR-1X - CO	DB	VO-8260	Aqueous	1	1	8260	07/16 15:36
8M39714.	AC45774-009(MS:AC4	M16	OK MBS12793	DB	VO-8260	Aqueous	1	1	624 8260	07/16 15:52
8M39715.	AC45774-010(MSD:AC	M16	OK MBS12793	DB	VO-8260	Aqueous	1	1	624 8260	07/16 16:09
8M39716.	AC45774-011		RR-1X - CO	DB	VO-8260	Aqueous	1	1	8260	07/16 16:25
8M39717.	AC45774-012		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 16:41
8M39718.	AC45774-013		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 16:58
8M39719.	AC45774-016		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 17:14
8M39720.	AC45774-017		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 17:30
8M39721.	AC45774-018		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 17:46
8M39722.	AC45774-019		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 18:03
8M39723.	AC45774-020		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 18:19
8M39724.	AC45774-014		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 18:35
8M39725.	AC45774-022		OK	DB	VO-8260	Aqueous	1	1	8260	07/16 18:51
8M39726.	AC45783-002		OK	DB	VO15-8260	Aqueous	1	1	8260	07/16 19:07
8M39727.	AC45788-001		OK	DB	VOTAGM-826	Aqueous	1	1	8260	07/16 19:24
8M39728.	AC45788-002		-,OK	DB	VOTAGM-826	Aqueous	1	1	8260	07/16 19:40
8M39729.	BLK		-	DB		Aqueous	1	1	624 8260	07/16 19:56
8M39730.	BLK		-	DB		Aqueous	1	1	624 8260	07/16 20:12
8M39731.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/16 20:29
8M39732.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/16 20:45
8M39733.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/16 21:01
8M39734.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/16 21:17
8M39735.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/16 21:34
8M39736.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/16 21:50
8M39737.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/16 22:06
8M39738.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/16 22:23

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16,R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18,R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Cma	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruncls	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked.	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_8 Year: 0464
Analyst: SG

1-1-8M39739

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
8M39739.	BFB TUNE		V-65781,V-69660,V-66520,V-69021	DB						07/17 05:15
8M39740.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	07/17 05:35
8M39741.	BLK		-	DB		Aqueous	1	1	624 8260	07/17 05:57
8M39742.	DAILY BLANK		OK	DB		Methano	1	1	8260	07/17 06:13
8M39743.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	07/17 06:29
8M39744.	AC45789-001		OK	DB	VO10-624	Aqueous	1	1	624	07/17 06:46
8M39745.	AC45783-001		OK	DB	VO15-8260	Methano	1	1	8260	07/17 07:02
8M39746.	AC45788-007(80uL)		OK	DB	VOTAGM-826	Methano	1	10	8260	07/17 07:18
8M39747.	MBS12800		OK MBS12800	DB		Aqueous	1	1	624 8260	07/17 07:34
8M39748.	AC45788-003(200X)		OK	DB	VOTAGM-826	Aqueous	1	200	8260	07/17 07:50
8M39749.	MBS12802		OK MBS12802	DB		Methano	1	1	8260	07/17 08:07
8M39750.	AC45779-015		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 08:23
8M39751.	AC45774-008		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 08:39
8M39752.	AC45774-012		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 08:55
8M39753.	AC45779-014		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 09:11
8M39754.	AC45779-009(20X)		OK	DB	VO-8260	Aqueous	1	20	8260	07/17 09:30
8M39755.	BLK		-	DB		Aqueous	1	1	624 8260	07/17 09:48
8M39756.	AC45779-001		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 10:04
8M39757.	AC45779-002		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 10:20
8M39758.	AC45779-003		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 10:36
8M39759.	AC45779-004		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 10:53
8M39760.	AC45779-005		OK MBS12809	DB	VO-8260	Aqueous	1	1	8260	07/17 11:09
8M39761.	AC45779-006		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 11:26
8M39762.	AC45779-007		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 11:42
8M39763.	AC45779-008		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 11:58
8M39764.	AC45779-010		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 12:15
8M39765.	AC45779-011		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 12:31
8M39766.	AC45779-012		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 12:48
8M39767.	AC45779-013		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 13:04
8M39768.	AC45774-011		OK	DB	VO-8260	Aqueous	1	1	8260	07/17 13:20
8M39769.	BLK		-	DB		Aqueous	1	1	624 8260	07/17 13:37
8M39770.	AC45818-002		RR-1X - TIC CO	DB	VO15-8260	Aqueous	1	1	8260	07/17 13:53
8M39771.	AC45803-001(200uL)		OK	DB	VOBTEX-826	Methano	1	4	8260	07/17 14:10
8M39772.	AC45803-002(200uL)		OK	DB	VOBTEX-826	Methano	1	4	8260	07/17 14:26
8M39773.	AC45803-003(200uL)		OK	DB	VOBTEX-826	Methano	1	4	8260	07/17 14:42
8M39774.	AC45803-005	Oc	OK	DB	VOBTEX-826	Methano	1	1	8260	07/17 14:58
8M39775.	AC45803-004	Oc	RR-400uL	DB	VOBTEX-826	Methano	1	1	8260	07/17 15:15
8M39776.	MBS12809		OK MBS12809	DB		Aqueous	1	1	624 8260	07/17 15:31
8M39777.	AC45803-004(400uL)		OK	DB	VOBTEX-826	Methano	1	2	8260	07/17 15:47
8M39778.	AC45779-005(MS)		OK MBS12809	DB	VO-8260	Aqueous	1	1	624 8260	07/17 16:04
8M39779.	AC45779-005(MSD)		OK MBS12809	DB	VO-8260	Aqueous	1	1	624 8260	07/17 16:20
8M39780.	BLK		-	DB		Aqueous	1	1	624 8260	07/17 16:37
8M39781.	BLK		-	DB		Aqueous	1	1	624 8260	07/17 16:53
8M39782.	BLK		-	DB		Aqueous	1	1	624 8260	07/17 17:09
8M39783.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/17 17:26
8M39784.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/17 17:44
8M39785.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/17 18:00
8M39786.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/17 18:16
8M39787.	BLK	Ti8	OK	DB		Aqueous	1	1	624 8260	07/17 18:33
8M39788.	AC45810-004		OK	DB	VOBTEX-624	Aqueous	1	1	624	07/17 18:49
8M39789.	AC45809-003		OK,RR-1X	DB	VO10-624	Aqueous	1	1	624	07/17 19:05
8M39790.	MBS12813	Ti8	- MBS12813	DB		Aqueous	1	1	624 8260	07/17 19:22
8M39791.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/17 19:38
8M39792.	AC45809-002		OK,RR-1X	DB	VO10-624	Aqueous	1	1	624	07/17 19:55
8M39793.	AC45811-013		OK,RR-1X	DB	VO10-624	Aqueous	1	1	624	07/17 20:11

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rod Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rod Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_2 Year: 2002465
Analyst: SG

1-1-2M43899

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2M43899.	BFB TUNE		OK,V-65781,V-66520,V-69021,V-69660	WP						07/17 05:56
2M43900.	CAL @ 20 PPB		OK	WP		Aqueous	1	1	624 8260	07/17 06:15
2M43901.	DAILY BLANK		OK	WP		Aqueous	1	1	624 8260	07/17 06:36
2M43902.	BLKHCL		-	WP		Aqueous	1	1	624 8260	07/17 06:52
2M43903.	DAILY BLANK		OK	WP		Methano	1	1	8260	07/17 07:08
2M43904.	AC45775-002		OK	WP	VO15-8260	Aqueous	1	1	8260	07/17 07:26
2M43905.	AC45775-003		OK	WP	VO15-624	Aqueous	1	1	624	07/17 07:42
2M43906.	AC45775-004		OK	WP	VO15-624	Aqueous	1	1	624	07/17 07:59
2M43907.	MBS12801		OK MBS12801	WP		Methano	1	1	8260	07/17 08:15
2M43908.	MBS12803	M16	OK MBS12803	WP		Aqueous	1	1	624 8260	07/17 08:31
2M43909.	AC45775-001		RR-5G MBS12801	WP	VO15-8260	Methano	1	1	8260	07/17 08:47
2M43910.	AC45785-001		OK	WP	VO10-624	Aqueous	1	1	624	07/17 09:04
2M43911.	AC45815-001		OK	WP	VO-624	Aqueous	1	1	624	07/17 09:20
2M43912.	AC45819-004		OK	WP	VOSTAR2-82	Aqueous	1	1	8260	07/17 09:37
2M43913.	AC45725-027		OK	WP	VO-8260	Aqueous	1	1	8260	07/17 09:53
2M43914.	MBS12804		OK MBS12804	WP		Aqueous	1	1	624 8260	07/17 10:09
2M43915.	AC45820-005		OK	WP	VOSTAR2-82	Aqueous	1	1	8260	07/17 10:26
2M43916.	AC45820-006		OK	WP	VOSTAR2-82	Aqueous	1	1	8260	07/17 10:42
2M43917.	AC45822-001		OK	WP	VO15-8260	Aqueous	1	1	8260	07/17 10:58
2M43918.	AC45811-005		OK MBS12804	WP	VO10-624	Aqueous	1	1	624	07/17 11:15
2M43919.	AC45812-003		OK	WP	VO10-624	Aqueous	1	1	624	07/17 11:31
2M43920.	AC45806-001		OK	WP	VOBTEX-826	Aqueous	1	1	8260	07/17 11:48
2M43921.	AC45820-001		OK	WP	VOSTAR2-82	Aqueous	1	1	8260	07/17 12:04
2M43922.	AC45819-002(80uL)		OK	WP	VOSTAR2-82	Methano	1	10	8260	07/17 12:20
2M43923.	AC45819-001(80uL)		OK	WP	VOSTAR2-82	Methano	1	10	8260	07/17 12:37
2M43924.	AC45819-003(80uL)		OK	WP	VOSTAR2-82	Methano	1	10	8260	07/17 12:53
2M43925.	MBS12808		OK MBS12808	WP		Aqueous	1	1	624 8260	07/17 13:09
2M43926.	AC45775-001(MS)		OK MBS12801	WP	VO15-8260	Methano	1	1	8260	07/17 13:26
2M43927.	AC45775-001(MSD)		OK MBS12801	WP	VO15-8260	Methano	1	1	8260	07/17 13:42
2M43928.	BLK		-	WP		Aqueous	1	1	624 8260	07/17 13:58
2M43929.	AC45820-002		OK	WP	VOSTAR2-82	Aqueous	1	1	8260	07/17 14:14
2M43930.	AC45820-003		RR-1X see below	WP	VOSTAR2-82	Aqueous	1	1	8260	07/17 14:30
2M43931.	AC45820-004		OK	WP	VOSTAR2-82	Aqueous	1	1	8260	07/17 14:48
2M43932.	AC45820-003		OK	WP	VOSTAR2-82	Aqueous	1	1	8260	07/17 15:04
2M43933.	AC45818-002		OK	WP	VO15-8260	Aqueous	1	1	8260	07/17 15:20
2M43934.	AC45774-011		OK	WP	VO-8260	Aqueous	1	1	8260	07/17 15:36
2M43935.	AC45797-001		OK	WP	VO-624	Aqueous	1	1	624	07/17 15:52
2M43936.	AC45797-002		OK	WP	VO-624	Aqueous	1	1	624	07/17 16:08
2M43937.	AC45811-005(MS)		OK MBS12804	WP	VO10-624	Aqueous	1	1	624 8260	07/17 16:24
2M43938.	AC45811-005(MSD)		OK MBS12804	WP	VO10-624	Aqueous	1	1	624 8260	07/17 16:40
2M43939.	BLK		-	WP		Aqueous	1	1	624 8260	07/17 16:56
2M43940.	AC45822-007		OK	WP	VO15-624	Aqueous	1	1	624	07/17 17:19
2M43941.	AC45822-006		OK	WP	VO15-624	Aqueous	1	1	624	07/17 17:35
2M43942.	AC45822-005		OK	WP	VO15-8260	Aqueous	1	1	8260	07/17 17:51
2M43943.	AC45761-001(MS)	Ti8	OK MBS12812	WP	VO-624	Aqueous	1	1	624 8260	07/17 18:07
2M43944.	AC45761-001(MSD)	Ti8	OK MBS12812	WP	VO-624	Aqueous	1	1	624 8260	07/17 18:23
2M43945.	MBS12812	Ti8	OK MBS12812	WP		Aqueous	1	1	624 8260	07/17 18:39
2M43946.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	07/17 18:55
2M43947.	AC45823-032		OK	WP	VO10-624	Aqueous	1	1	624	07/17 19:11
2M43948.	AC45823-003		OK	WP	VO10-624	Aqueous	1	1	624	07/17 19:27
2M43949.	AC45823-008		OK	WP	VO10-624	Aqueous	1	1	624	07/17 19:43
2M43950.	AC45823-010		OK	WP	VO10-624	Aqueous	1	1	624	07/17 19:59
2M43951.	AC45823-013		OK	WP	VO10-624	Aqueous	1	1	624	07/17 20:15
2M43952.	AC45823-015		OK	WP	VO10-624	Aqueous	1	1	624	07/17 20:30
2M43953.	AC45823-016		OK	WP	VO10-624	Aqueous	1	1	624	07/17 20:46
2M43954.	AC45823-017		OK	WP	VO10-624	Aqueous	1	1	624	07/17 21:02
2M43955.	AC45823-019		OK	WP	VO10-624	Aqueous	1	1	624	07/17 21:19
2M43956.	AC45823-021		OK	WP	VO10-624	Aqueous	1	1	624	07/17 21:35
2M43957.	MBS12810	Ti8	OK MBS12810	WP		Aqueous	1	1	624 8260	07/17 21:52
2M43958.	AC45761-002(MS)	Ti8	OK MBS12811	WP	VO-624	Aqueous	1	1	624 8260	07/17 22:08
2M43959.	AC45761-002(MSD)	Ti8	OK MBS12811	WP	VO-624	Aqueous	1	1	624 8260	07/17 22:24
2M43960.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	07/17 22:40
2M43961.	BLK	Ti8	OK	WP		Aqueous	1	1	624 8260	07/17 22:56
2M43962.	AC45823-005		OK	WP	VO10-624	Aqueous	1	1	624	07/17 23:12
2M43963.	MBS12811	Ti8	OK MBS12811	WP		Aqueous	1	1	624 8260	07/17 23:28
2M43964.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	07/17 23:45

Anc	Area Not Checked
An	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C16	Calibration Column 1 Out (600 Series)
C18	Calibration Column 1 Out (8000 Series)
C26	Calibration Column 2 Out (600 Series)
C28	Calibration Column 2 Out (8000 Series)
C6f	600 series sample/blank did not have passing cal
C8f	8000 series sample/blank did not have passing cal
Cme	Ending Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/eval
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals
Dnc	Drift Not Checked
Do	Drift Out
Ebe	An Extraction Before Collection Date
Emp	Problem Checking Prep/rundates modcheckprepround
En	Eval Time Not Checked
Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Date Missing/Not check'd
Etn	Tclp/Solvent Extraction Date Missing/Not check'd
Eto	Tclp Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I16 I26	Initial cal 600 series failed Column 1 and or 2
I18 I28	Initial cal 8000 series failed Column 1 and or 2
Is	Initial Cal Not Checked
Iv	Prob with calmpl.csv for init calibration chek rfs
Iw	Initial cal warning. Ini cal file <> method.
Ix	Initial Cal Files Not Updated Properly for a samol
M16 M26	Spike Out Col 1 and or Col 2 600 series
M16a M16b	Spike Out Col 1 600 series Acid and or BN
M18 M28	Spike Out Col 1 and or Col 2 8000 series
M18a M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this ms/msd
Oc	Warning Compound(s) Over Calibration
Co	Warning Possible Carry Over
EvF	Eval Mix Failed
Evnc	Eval Mix Not Checked
Evrc	Eval Mix missing drlt or endrin
R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
Ti6	Outside of 600 series Tune time/Cal Time
Ti8	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration

1-1-2M43965

RUN LOG

Instrument: GCMS_2 Year: 2006
Analyst: SG

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2M43965.	AC45823-024		OK	WP	VO10-624	Aqueous	1	1	624	07/18 00:01
2M43966.	AC45823-029		OK	WP	VO10-624	Aqueous	1	1	624	07/18 00:17
2M43967.	AC45823-030		OK	WP	VO10-624	Aqueous	1	1	624	07/18 00:34
2M43968.	AC45823-031		OK	WP	VO10-624	Aqueous	1	1	624	07/18 00:49
2M43969.	AC45823-001		OK	WP	VO10-624	Aqueous	1	1	624	07/18 01:05
2M43970.	AC45823-027		OK	WP	VO10-624	Aqueous	1	1	624	07/18 01:21
2M43971.	AC45823-026(5X)		RR-1X	WP	VO10-624	Aqueous	1	5	624	07/18 01:40
2M43972.	AC45823-004(5X)		RR-1X	WP	VO10-624	Aqueous	1	5	624	07/18 02:01
2M43973.	AC45823-006(5X)		RR-1X,dirty	WP	VO10-624	Aqueous	1	5	624	07/18 02:23
2M43974.	AC45823-012(5X)		RR-1X	WP	VO10-624	Aqueous	1	5	624	07/18 02:45
2M43975.	AC45823-002(5X)		RR-1X	WP	VO10-624	Aqueous	1	5	624	07/18 03:06
2M43976.	BLK	Ti8	-	WP		Aqueous	1	1	624 8260	07/18 03:27
2M43977.	AC45823-009(5X)		RR-1X	WP	VO10-624	Aqueous	1	5	624	07/18 03:47
2M43978.	AC45823-018(10X)		OK	WP	VO10-624	Aqueous	1	10	624	07/18 04:08
2M43979.	AC45823-007(20X)		RR-1X,dirty	WP	VO10-624	Aqueous	1	20	624	07/18 04:28

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C1f	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C1f	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C2f	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C2f	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cma	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini.cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Preo/rundates modcheckpreprunds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-8M39868

Instrument: GCMS_8 Year: 2007 467
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
8M39868.	BFB TUNE		V-65781,V-69852,V-66520,V-69783	DB						07/21 06:45
8M39869.	BLK	ToCnS6S8Anc	-	DB		Aqueous	1	1	624 8260	07/21 07:05
8M39870.	20 PPB	CnAnc	-	DB		Aqueous	1	1	624 8260	07/21 07:25
8M39871.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	07/21 07:48
8M39872.	BLK		-	DB		Aqueous	1	1	624 8260	07/21 08:06
8M39873.	DAILY BLANK		OK	DB		Methano	1	1	8260	07/21 08:22
8M39874.	DAILY BLANK		OK	KL		Aqueous	1	1	624 8260	07/21 08:39
8M39875.	AC45774-023		OK	DB	VO-8260	Aqueous	1	1	8260	07/21 08:55
8M39876.	MBS12830		OK MBS12830	KL		Aqueous	1	1	624 8260	07/21 09:11
8M39877.	AC45807-001(50X)(T)		RR 1X BELOW	KL	VOTCLP-826	Aqueous	1	50	8260	07/21 09:27
8M39878.	AC45807-002(50X)(T)		RR 1X BELOW	KL	VOTCLP-826	Aqueous	1	50	8260	07/21 09:44
8M39879.	MBS12831		OK MBS12831	KL		Methano	1	1	8260	07/21 10:00
8M39881.	BLK		-	DB		Aqueous	1	1	624 8260	07/21 12:19
8M39882.	AC45823-025		OK	DB	VO10-624	Aqueous	1	1	624	07/21 12:35
8M39883.	AC45823-022	Oc			VO10-624	Aqueous	1	1	624	07/21 12:51
8M39884.	BLK		-	DB		Aqueous	1	1	624 8260	07/21 13:08
8M39885.	AC45840-008(10X)		OK	DB	VO-8260	Aqueous	1	10	8260	07/21 13:27
8M39886.	AC45840-009(10X)		OK	DB	VO-8260	Aqueous	1	10	8260	07/21 13:47
8M39887.	AC45823-011(50X)		OK	DB	VO10-624	Aqueous	1	50	624	07/21 14:05
8M39889.	AC45823-023(100X)		OK	DB	VO10-624	Aqueous	1	100	624	07/21 14:22
8M39890.	AC45807-001(T)		OK	KL	VOTCLP-826	Aqueous	1	1	8260	07/21 14:38
8M39891.	AC45807-002(T)		OK	KL	VOTCLP-826	Aqueous	1	1	8260	07/21 14:54
8M39892.	EF-1-V-69665(072009)		OK	DB		Aqueous	1	7200	8260	07/21 15:10
8M39893.	BLK		-	DB		Aqueous	1	1	624 8260	07/21 15:27
8M39894.	AC45832-009		OK	DB	VO10-624	Aqueous	1	1	624	07/21 15:43
8M39895.	AC45832-008		OK	DB	VO10-624	Aqueous	1	1	624	07/21 15:59
8M39896.	AC45832-006		OK	DB	VO10-624	Aqueous	1	1	624	07/21 16:15
8M39897.	AC45832-005		OK	DB	VO10-624	Aqueous	1	1	624	07/21 16:32
8M39898.	AC45832-002		OK	DB	VO10-624	Aqueous	1	1	624	07/21 16:48
8M39899.	AC45832-001		OK	DB	VO10-624	Aqueous	1	1	624	07/21 17:04
8M39900.	AC45832-007		OK	DB	VO10-624	Aqueous	1	1	624	07/21 17:21
8M39901.	AC45832-004		OK	DB	VO10-624	Aqueous	1	1	624	07/21 17:37
8M39902.	AC45832-003		OK	DB	VO10-624	Aqueous	1	1	624	07/21 17:53
8M39903.	AC45884-007		OK	DB	VOSTAR2-82	Methano	1	1	8260	07/21 18:09
8M39904.	AC45884-004		OK	DB	VOSTAR2-82	Methano	1	1	8260	07/21 18:25
8M39905.	AC45885-006		OK	DB	VOSTAR2-82	Methano	1	1	8260	07/21 18:42
8M39906.	AC45807-001(T)	Ti8	OK,USE 1ST RUN	DB	VOTCLP-826	Aqueous	1	1	8260	07/21 18:58
8M39907.	AC45840-001(MS)	Ti8	OK,N/G MBS12830	DB	VO-8260	Aqueous	1	1	624 8260	07/21 19:14
8M39908.	AC45840-001(MSD)	Ti8	OK,N/G MBS12830	DB	VO-8260	Aqueous	1	1	624 8260	07/21 19:31
8M39909.	BLKJUG#3	Ti8	N/G	DB		Aqueous	1	1	624 8260	07/21 19:47
8M39910.	BLKJUG#2	Ti8	OK	DB		Aqueous	1	1	624 8260	07/21 20:03
8M39911.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/21 20:19
8M39912.	BLK	Ti8	OK	DB		Aqueous	1	1	624 8260	07/21 20:36
8M39913.	MBS12839	Ti8	OK MBS12839	DB		Aqueous	1	1	624 8260	07/21 20:52
8M39914.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/21 21:08
8M39915.	AC45837-006		OK	DB	VO10-624	Aqueous	1	1	624	07/21 21:24
8M39916.	AC45837-005		OK	DB	VO10-624	Aqueous	1	1	624	07/21 21:41
8M39917.	AC45842-003		OK	DB	VO10-624	Aqueous	1	1	624	07/21 21:57
8M39918.	AC45842-004		OK	DB	VO10-624	Aqueous	1	1	624	07/21 22:13
8M39919.	AC45844-001		OK	DB	VO10-624	Aqueous	1	1	624	07/21 22:29
8M39920.	AC45844-002		OK	DB	VO10-624	Aqueous	1	1	624	07/21 22:46
8M39921.	AC45845-001		OK	DB	VO15-624	Aqueous	1	1	624	07/21 23:02
8M39922.	AC45847-003		OK	DB	VO10-624	Aqueous	1	1	624	07/21 23:18
8M39923.	AC45847-004		OK	DB	VO10-624	Aqueous	1	1	624	07/21 23:34
8M39924.	AC45847-002		OK	DB	VO10-624	Aqueous	1	1	624	07/21 23:50
8M39925.	AC45847-001		OK	DB	VO10-624	Aqueous	1	1	624	07/22 00:06
8M39926.	AC45844-003		OK	DB	VO10-624	Aqueous	1	1	624	07/22 00:23
8M39927.	AC45842-002		OK	DB	VO10-624	Aqueous	1	1	624	07/22 00:39
8M39928.	AC45845-003		RR-1X - TIC CO	DB	VO15-624	Aqueous	1	1	624	07/22 00:55
8M39929.	AC45845-007		OK	DB	VO15-624	Aqueous	1	1	624	07/22 01:11
8M39930.	AC45842-001		OK	DB	VO10-624	Aqueous	1	1	624	07/22 01:27
8M39931.	MBS12840	Ti8	OK MBS12840	DB		Aqueous	1	1	624 8260	07/22 01:44
8M39932.	AC45824-001(MS)	Ti8	OK MBS12840	DB	VO-624	Aqueous	1	1	624 8260	07/22 02:00
8M39933.	AC45824-001(MSD)	Ti8	OK MBS12840	DB	VO-624	Aqueous	1	1	624 8260	07/22 02:16
8M39934.	MBS12841	Ti8	OK MBS12841	DB		Aqueous	1	1	624 8260	07/22 02:32
8M39935.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	07/22 02:48

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R18 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnit csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Co	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	*Problem Checking Prep/rundatas modcheckprep/rundat*	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	*If for 600 ser Too many samples begin Calibration*

RUN LOG

Instrument: GCMS_8 Year: 2009
Analyst: W0468

1-1-8M39940

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
8M39940.D	BFB TUNE	To								07/22 06:31
8M39941.D	BFB TUNE	To								07/22 06:48
8M39942.D		TnIsCnSnc	Not Quant'd							
8M39943.D	BFB TUNE	To								07/22 07:52
8M39944.D	BFB TUNE		V-65781,V-~~70000~~,V-66520,V-69783	DB						07/22 08:34
8M39945.D	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	07/22 09:22
8M39946.D	BLKJUG2		-	DB		Aqueous	1	1	624 8260	07/22 09:48
8M39947.D	DAILY BLANK		OK	DB		Methano	1	1	8260	07/22 10:04
8M39948.D	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	07/22 10:20
8M39949.D	AC45845-003		OK	DB	VO15-624	Aqueous	1	1	624	07/22 10:41
8M39950.D	AC45823-022(10X)		OK	DB	VO10-624	Aqueous	1	10	624	07/22 11:01
8M39951.D	MBS12845		OK MBS12845	DB		Aqueous	1	1	624 8260	07/22 11:19
8M39952.D	MBS12846		OK MBS12846	DB		Methano	1	1	8260	07/22 11:35
8M39953.D	BLKJUG#1		OK	DB		Aqueous	1	1	624 8260	07/22 11:51
8M39954.D	AC45774-021		OK	DB	VO-8260	Aqueous	1	1	8260	07/22 12:10
8M39955.D	AC45919-001		OK	DB	VOSTAR2-82	Aqueous	1	1	8260	07/22 12:26
8M39956.D	AC45919-002		OK	DB	VOSTAR2-82	Aqueous	1	1	8260	07/22 12:42
8M39957.D	AC45919-003		RR-1X - CO	DB	VOSTAR2-82	Aqueous	1	1	8260	07/22 12:59
8M39958.D	AC45919-004		OK	DB	VOSTAR2-82	Aqueous	1	1	8260	07/22 13:15
8M39959.D	AC45909-016		OK	DB	VO10-624	Aqueous	1	1	624	07/22 13:31
8M39960.D	AC45906-001	Oc	OK	DB	VOBTEX-624	Aqueous	1	1	624	07/22 13:47
8M39961.D	AC45906-002		OK	DB	VOBTEXM-62	Aqueous	1	1	624	07/22 14:03
8M39962.D	AC45914-001		OK	DB	VO-624	Aqueous	1	1	624	07/22 14:19
8M39963.D	AC45914-003		OK	DB	VO-624	Aqueous	1	1	624	07/22 14:36
8M39964.D	AC45920-001		RR-1X - TIC CO see below	DB	VO10-624	Aqueous	1	1	624	07/22 14:52
8M39965.D	BLK		-	DB		Aqueous	1	1	624 8260	07/22 15:08
8M39966.D	AC45916-006		OK	DB	VOSTAR2-82	Aqueous	1	1	8260	07/22 15:24
8M39967.D	AC45909-017		OK	DB	VO10-624	Aqueous	1	1	624	07/22 15:40
8M39968.D	AC45909-018		OK	DB	VO10-624	Aqueous	1	1	624	07/22 15:57
8M39969.D	AC45920-002		OK	DB	VO10-624	Aqueous	1	1	624	07/22 16:13
8M39970.D	AC45920-003		OK	DB	VO10-624	Aqueous	1	1	624	07/22 16:29
8M39971.D	AC45914-003(500X)		RR-1X	DB	VO-624	Aqueous	1	500	624	07/22 16:45
8M39972.D	AC45807-001(T:MS)	M16M18	OK MBS12845	DB	VOTCLP-826	Aqueous	1	1	624 8260	07/22 17:01
8M39973.D	AC45807-001(T:MSD	M16M18	OK MBS12845	DB	VOTCLP-826	Aqueous	1	1	624 8260	07/22 17:17
8M39974.D	MBS12849		OK MBS12849	DB		Aqueous	1	1	624 8260	07/22 17:34
8M39975.D	AC45832-004(MS)		OK MBS12849	DB	VO10-624	Aqueous	1	1	624 8260	07/22 17:50
8M39976.D	AC45832-004(MSD)		OK MBS12849	DB	VO10-624	Aqueous	1	1	624 8260	07/22 18:06
8M39977.D	BLK		-	DB		Aqueous	1	1	624 8260	07/22 18:22
8M39978.D	AC45920-001		OK	DB	VO10-624	Aqueous	1	1	624	07/22 18:38
8M39979.D	BLK		-	DB		Aqueous	1	1	624 8260	07/22 18:55
8M39980.D	BLK		-	DB		Aqueous	1	1	624 8260	07/22 19:11
8M39981.D	BLK		-	DB		Aqueous	1	1	624 8260	07/22 19:27
8M39982.D	BLK		-	DB		Aqueous	1	1	624 8260	07/22 19:43

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing rdt or eodrg
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C1	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C2	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C2	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/aval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-59551

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: VOA ADD MIX | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 1/23/2009 | Concentration: 5000 ppm | Checked: Yes
Expiration Date: 1/23/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
3741	Methanol	5 ml	neat neat	
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm

Veritech Lot Number: V-59552

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: VOA ADD MIX(2nd Source) | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 1/23/2009 | Concentration: 5000 ppm | Checked: Yes
Expiration Date: 1/23/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm
3741	Methanol	5 ml	neat neat	

Veritech Lot Number: V-63397

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: VOA STOCK INT/SURR MIX | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 4/2/2009 | Concentration: 1500 ppm | Checked: Yes
Expiration Date: 4/2/2010 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3178	1,2-Dichloroethane-d4	150 mg	NEAT	1500 ppm
1297	TOLUENE-D8	150 mg	NEAT	1500 ppm
1295	CHLOROBENZENE-D5	150 mg	NEAT	1500 ppm
777	1-bromo-4-fluorobenzenne	150 mg	neat	1500 ppm
3741	Methanol	100 ml	neat neat	
2615	1,4-Dichlorobenzene-d4	150 mg	neat neat	1500 ppm
3693	Dibromofluoromethane	150 mg	NEAT	1500 ppm
3661	Fluorobenzene	150 mg	NEAT	1500 ppm

Veritech Lot Number: V-63412

Prepared By: Batelli, Daniel | Department: Organics | ApprovedBy: DAN
Description: VOA WORKING INT/SURR MIX | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 4/2/2009 | Concentration: 150 ppm | Checked: Yes
Expiration Date: 10/2/2009 | Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	225 ml	NEAT	
V-63397	VOA STOCK INT/SURR MIX	25 ml	1500 ppm	150 ppm

Veritech Lot Number: V-65724

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: CYCLOHEXANONE | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 5/13/2009 | Concentration: 10000 ppm | Checked: Yes
Expiration Date: 5/13/2010 | Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2726	CYCLOHEXANONE	100 mg	NEAT	10000 ppm
4030	METHANOL	10 ml	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68712

Prepared By: Batelli, Daniel | Department: Organics | ApprovedBy: jean
Description: MBS | BatchNumber: | ApproveDate: 07/29/09
Prep Date: 6/30/2009 | Concentration: 100 ppm | Checked: Yes
Expiration Date: 12/19/2009 | Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3838	8260 ADDITIONS	50 ul	2000 ppm	100 ppm
3839	502/524 Voa Cal Mix	50 ul	2000 ppm	100 ppm
4162	Voa Gas Mix	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
4214	CUSTOM VOC MIX(2nd SOURCE)	50 ul	2000/VARIO	100 ppm
V-59552	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
V-65725	CYCLOHEXANONE(2nd Source)	50 ul	10000 ppm	500 ppm
3749	tert-Amyl methyl ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-68719

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: jean
Description: 624/8260 CAL @ 250 PPB | BatchNumber: B-5998 | ApproveDate: 07/29/09
Prep Date: 6/30/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/6/2009 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68711	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Lot Number: V-68720

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: jean
Description: 624/8260 CAL @ 100 PPB | BatchNumber: B-5998 | ApproveDate: 07/30/09
Prep Date: 6/30/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/6/2009 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68711	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-68721

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: jean
Description: 624/8260 CAL @ 50 PPB | BatchNumber: B-5998 | ApproveDate: 07/30/09
Prep Date: 6/30/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/6/2009 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68711	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-68722

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: jean
Description: 624/8260 CAL @ 20 PPB | BatchNumber: B-5998 | ApproveDate: 07/30/09
Prep Date: 6/30/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/6/2009 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68711	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68723

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 10 PPB
Prep Date: 6/30/2009
Expiration Date: 7/6/2009
Department: Organics
BatchNumber: B-5998
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68711	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Lot Number: V-68724

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 5 PPB
Prep Date: 6/30/2009
Expiration Date: 7/6/2009
Department: Organics
BatchNumber: B-5998
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68711	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Lot Number: V-68725

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 1 PPB
Prep Date: 6/30/2009
Expiration Date: 7/6/2009
Department: Organics
BatchNumber: B-5998
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68711	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1 ppb

Veritech Lot Number: V-68726

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 6/30/2009
Expiration Date: 7/6/2009
Department: Organics
BatchNumber: B-5998
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68711	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5 ppb

Veritech Lot Number: V-68727

Prepared By: Goring, Shawn
Description: ICV CAL @ 20 PPB
Prep Date: 6/30/2009
Expiration Date: 7/7/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68712	MBS	20 ul	100 ppm	20 ppb
1398	p&t water	100 ml	neat neat	neat
4141	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69021

Prepared By: Goring, Shawn
Description: MBS
Prep Date: 7/7/2009
Expiration Date: 12/19/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 07/29/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3838	8260 ADDITIONS	50 ul	2000 ppm	100 ppm
3839	502/524 Voa Cal Mix	50 ul	2000 ppm	100 ppm
4162	Voa Gas Mix	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
4214	CUSTOM VOC MIX(2nd SOURCE)	50 ul	2000/VARIO	100 ppm
V-59552	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
V-65725	CYCLOHEXANONE(2nd Source)	50 ul	10000 ppm	500 ppm
3749	tert-Amyl methyl ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-69512

Prepared By: Goring, Shawn
Description: Soil8260 CAL @ 500 PPB
Prep Date: 7/15/2009
Expiration Date: 7/16/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 40 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	100 ul	VARIOUS pp	500 ppb
1398	p&t water	40 ml	neat neat	neat
3664	Chlorodifluoromethane (Freon#22)	100	200 ppm	500 ppb

Veritech Lot Number: V-69528

Prepared By: Goring, Shawn
Description: 200ppm VOA Working Std
Prep Date: 7/15/2009
Expiration Date: 10/10/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4118	VOA 502/524 CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	neat
4213	CUSTOM VOC MIX	100 ul	2000/VARIO	various ppm
4212	METHOD 8260 ADDITIONS	100 ul	2000 ppm	various ppm
4117	VOA GAS MIX	100 ul	2000 ppm	200 ppm
3807	tert-Amyl Methyl Ether	100 ul	2000 ppm	200 ppm
V-59551	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-65724	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-69529

Prepared By: Goring, Shawn
Description: Soil8260 CAL @ 250 PPB
Prep Date: 7/15/2009
Expiration Date: 7/16/2009
Department: Organics
BatchNumber: B-6073
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	2.5 ml	neat neat	
V-69512	Soil8260 CAL @ 500 PPB	2.5 ml	VARIOUS pp	250 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69530

Prepared By: Goring, Shawn
Description: Soil8260 CAL @ 100 PPB
Prep Date: 7/15/2009
Expiration Date: 7/16/2009
Department: Organics
BatchNumber: B-6073
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4 ml	neat neat	
V-69512	Soil8260 CAL @ 500 PPB	1 ml	VARIOUS pp	100 ppb

Veritech Lot Number: V-69531

Prepared By: Goring, Shawn
Description: Soil8260 CAL @ 50 PPB
Prep Date: 7/15/2009
Expiration Date: 7/16/2009
Department: Organics
BatchNumber: B-6073
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69512	Soil8260 CAL @ 500 PPB	.5 ml	VARIOUS pp	50 ppb
1398	p&t water	4.5 ml	neat neat	

Veritech Lot Number: V-69532

Prepared By: Goring, Shawn
Description: Soil8260 CAL @ 20 PPB
Prep Date: 7/15/2009
Expiration Date: 7/16/2009
Department: Organics
BatchNumber: B-6073
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.8 ml	neat neat	
V-69512	Soil8260 CAL @ 500 PPB	.2 ml	VARIOUS pp	20 ppb

Veritech Lot Number: V-69533

Prepared By: Goring, Shawn
Description: Soil8260 CAL @ 10 PPB
Prep Date: 7/15/2009
Expiration Date: 7/16/2009
Department: Organics
BatchNumber: B-6073
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.9 ml	neat neat	
V-69512	Soil8260 CAL @ 500 PPB	.1 ml	VARIOUS pp	10 ppb

Veritech Lot Number: V-69534

Prepared By: Goring, Shawn
Description: Soil8260 CAL @ 5 PPB
Prep Date: 7/15/2009
Expiration Date: 7/16/2009
Department: Organics
BatchNumber: B-6073
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69512	Soil8260 CAL @ 500 PPB	.05 ml	VARIOUS pp	5 ppb
1398	p&t water	4.95 ml	neat neat	

Veritech Lot Number: V-69535

Prepared By: Goring, Shawn
Description: Soil8260 CAL @ 1 PPB
Prep Date: 7/15/2009
Expiration Date: 7/16/2009
Department: Organics
BatchNumber: B-6073
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.99 ml	neat neat	
V-69512	Soil8260 CAL @ 500 PPB	.01 ml	VARIOUS pp	1 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69536

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 500 PPB | BatchNumber: B-6073 | ApproveDate: 07/30/09
Prep Date: 7/15/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/16/2009 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69512	Soil8260 CAL @ 500 PPB	5 ml	VARIOUS pp	500 ppb

Veritech Lot Number: V-69537

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 0.5 PPB | BatchNumber: B-6073 | ApproveDate: 07/30/09
Prep Date: 7/15/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/16/2009 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.995 ml	neat neat	
V-69512	Soil8260 CAL @ 500 PPB	.005 ml	VARIOUS pp	0.5 ppb

Veritech Lot Number: V-69539

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: DAN
Description: ICV CAL @ 50 PPB | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 7/15/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/16/2009 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	5 ml	neat neat	
V-69021	MBS	2.5 ul	100 ppm	50 ppb

Veritech Lot Number: V-69572

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: CAL @ 50 PPB | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 7/16/2009 | Concentration: VARIOUS | Checked: Yes
Expiration Date: 7/17/2009 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	1.25 ul	VARIOUS pp	50 ppb
1398	p&t water	5 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	1.25 ul	200 ppm	50 ppb

Veritech Lot Number: V-69583

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 250 PPB | BatchNumber: B-6078 | ApproveDate: 07/30/09
Prep Date: 7/16/2009 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 7/23/2009 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-65725

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: CYCLOHEXANONE(2nd Source) | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 5/13/2009 | Concentration: 10000 ppm | Checked: Yes
Expiration Date: 5/13/2010 | Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2726	CYCLOHEXANONE	100 mg	NEAT	10000 ppm
4030	METHANOL	10 ml	NEAT neat	

Veritech Lot Number: V-65781

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: BFB Tune Mix | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 5/14/2009 | Concentration: 50 ppm | Checked: Yes
Expiration Date: 10/2/2009 | Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-63412	VOA WORKING INT/SURR MIX	500 ul	150 ppm	50 ppm
1230	METHANOL	1000 ul	NEAT	

Veritech Lot Number: V-66520

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: jean
Description: VOA WORKING INT/SURR MIX | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 5/27/2009 | Concentration: 150 ppm | Checked: Yes
Expiration Date: 11/27/2009 | Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	225 ml	NEAT	
V-63397	VOA STOCK INT/SURR MIX	25 ml	1500 ppm	150 ppm

Veritech Lot Number: V-68711

Prepared By: Batelli, Daniel | Department: Organics | ApprovedBy: jean
Description: 200ppm VOA Working Std | BatchNumber: | ApproveDate: 07/29/09
Prep Date: 6/30/2009 | Concentration: VARIOUS pp | Checked: Yes
Expiration Date: 7/23/2009 | Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3809	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	neat
4213	CUSTOM VOC MIX	100 ul	2000/VARIO	various ppm
4116	Method 8260 Additions	100 ul	2000 ppm	various ppm
4117	VOA GAS MIX	100 ul	2000 ppm	200 ppm
3807	tert-Amyl Methyl Ether	100 ul	2000 ppm	200 ppm
V-59551	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-65724	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69584

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 100 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber: B-6078
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-69585

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 50 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber: B-6078
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-69586

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 20 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber: B-6078
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-69587

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 10 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber: B-6078
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Lot Number: V-69588

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 5 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber: B-6078
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69589

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 1 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber: B-6078
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1 ppb

Veritech Lot Number: V-69590

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber: B-6078
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5 ppb

Veritech Lot Number: V-69591

Prepared By: Previlon, Wilner
Description: 624/8260 CAL @ 500 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	250 ul	VARIOUS pp	500 ppb
1398	p&t water	100 ml	neat neat	
4141	CHLORODIFLUOROMETHANE	250 ul	200 ppm	500 ppb

Veritech Lot Number: V-69592

Prepared By: Previlon, Wilner
Description: ICV CAL @ 20 PPB
Prep Date: 7/16/2009
Expiration Date: 7/23/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69021	MBS	20 ul	100 ppm	20 ppb
1398	p&t water	100 ml	neat neat	neat

Veritech Lot Number: V-69660

Prepared By: Goring, Shawn
Description: CAL @ 20 PPB
Prep Date: 7/17/2009
Expiration Date: 7/24/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69528	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69782

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 7/20/2009
Expiration Date: 10/10/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4118	VOA 502/524 CAL MIX	100 ul	2000 ppm	200 ppm
1588	P&T METHANOL	360 ul	NEAT neat	neat
4213	CUSTOM VOC MIX	100 ul	2000/VARIO	various ppm
4212	METHOD 8260 ADDITIONS	100 ul	2000 ppm	various ppm
4117	VOA GAS MIX	100 ul	2000 ppm	200 ppm
3807	tert-Amyl Methyl Ether	100 ul	2000 ppm	200 ppm
V-59551	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-65724	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Lot Number: V-69783

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 7/20/2009
Expiration Date: 10/20/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 07/29/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3838	8260 ADDITIONS	50 ul	2000 ppm	100 ppm
3839	502/524 Voa Cal Mix	50 ul	2000 ppm	100 ppm
4162	Voa Gas Mix	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
4214	CUSTOM VOC MIX(2nd SOURCE)	50 ul	2000/VARIO	100 ppm
V-59552	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
V-65725	CYCLOHEXANONE(2nd Source)	50 ul	10000 ppm	500 ppm
3749	tert-Amyl methyl ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-69852

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 7/21/2009
Expiration Date: 7/28/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69782	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-69975

Prepared By: Previlon, Wilner
Description: CAL @ 20 PPB
Prep Date: 7/22/2009
Expiration Date: 7/29/2009
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69782	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
3664	Chlorodifluoromethane (Freon#22)	10 ul	200 ppm	20 ppb

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 777

Description
1-bromo-4-fluorobenzenne

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	b6,720-1	08115kn	06/05/01	06/11/11	jean	1	25ml	neat	

Veritech Control/Receipt Number: 1230

Description
METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	045850	06/22/05	06/22/15	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1295

Description
CHLOROBENZENE-D5

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	176605-1G	02702EA	09/06/05	09/30/15	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 1297

Description
TOLUENE-D8

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	434388-5G	02504HB	09/06/05	09/30/15	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1308

Description
METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	052204	09/14/05	09/14/10	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1398

Description
p&t water

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
veritech	na	na	01/01/08	11/01/10	Batelli, Daniel	1	na	neat	neat

Veritech Control/Receipt Number: 1588

Description
P&T METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	055310	03/03/06	03/03/10	Wickliffe, David	6	1L	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1912

Description
METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	063720	09/07/06	08/28/10	Revolus, Jean	42	1L	NEAT	

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2726

Description
CYCLOHEXANONE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F2326	352-153B	09/04/07	01/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2880

Description
p-ETHYLTOLUENE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2413	376-30A	11/19/07	01/31/12	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2881

Description
p-DIETHYLBENZENE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2296	371-140A	11/19/07	12/31/10	Revolus, Jean	3	100m	NEAT	

Veritech Control/Receipt Number: 2889

Description
1,2,4,5-TETRAMETHYLBENZENE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACROS ORGANI	409390050	A0214190	11/20/07	11/30/20	Revolus, Jean	1	1ML	NEAT	

Veritech Control/Receipt Number: 3178

Description
1,2-Dichloroethane-d4

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	396540-1G	EW0372	03/26/08	03/26/18	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3661

Description
Fluorobenzene

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F839	388-117B	10/06/08	09/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 3664

Description
Chlorodifluoromethane (Freon#22)

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	10/10/08	04/14/18	Revolus, Jean	10	1ml	200	PPM

Veritech Control/Receipt Number: 3693

Description
Dibromofluoromethane

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30634	A063048	10/22/08	09/30/13	Revolus, Jean	5	100m	NEAT	

Veritech Control/Receipt Number: 3741

Description
Methanol

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	907702	G32E79	11/13/08	11/12/10	Okomeng, Maxwel	48	1LT	neat	neat

Veritech Control/Receipt Number: 3749

Description
tert-Amyl methyl ether

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-06737	LB60583	11/18/08	11/30/11	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3807

Description
tert-Amyl Methyl Ether

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30629	A052131	01/07/09	05/31/12	Revolus, Jean	3	1ML	2000	PPM

Veritech Control/Receipt Number: 3809

Description
502/524 VOA CAL MIX

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	LVOC-1RPM	414-98A	01/07/09	12/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3838

Description
8260 ADDITIONS

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	46831-U	LB55764	01/09/09	12/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 3839

Description
502/524 Voa Cal Mix

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-02111	LB62001	01/12/09	10/31/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 4030

Description
METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	907702	G49E42	04/07/09	04/06/11	Okomeng, Maxwel	48	1LT	NEAT	NEAT

Veritech Control/Receipt Number: 4116

Description
Method 8260 Additions

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
AccuStandard	m-8260-ADD-10X	B9030274	04/29/09	07/23/09	Hamid, Akmal	2	1ml	2000	ppm

Veritech Control/Receipt Number: 4117

Description
VOA GAS MIX

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	VOHC-6RPM	419-38A	04/29/09	02/28/10	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 4118

Description
VOA 502/524 CAL MIX

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	LVOC-1RPM	414-98A	04/29/09	12/31/09	Revolus, Jean	5	1ML	2000	PPM

Veritech Control/Receipt Number: 4141

Description
CHLORODIFLUOROMETHANE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	B8040176	05/12/09	04/14/18	Revolus, Jean	10	1ML	200	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4162

Description
Voa Gas Mix

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48799-U	LB67016	06/08/09	08/31/10	Revolus, Jean	2	1ml	2000	PPM

Veritech Control/Receipt Number: 4212

Description
METHOD 8260 ADDITIONS

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	209061111	06/24/09	10/10/09	Revolus, Jean	2	1ml	2000	PPM

Veritech Control/Receipt Number: 4213

Description
CUSTOM VOC MIX

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	209061237	06/24/09	12/19/09	Revolus, Jean	5	1ml	2000/VA	PPM

Veritech Control/Receipt Number: 4214

Description
CUSTOM VOC MIX(2nd SOURCE)

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	209061250	06/24/09	12/19/09	Revolus, Jean	5	1ml	2000/VA	PPM

GC/MS Semi-Volatile Data

GC/MS Semi-Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8270C

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
10M05949.D	SMB4200	Soil	07/17/09 10:01	1		92	88	99	96	112	106
9M19275.D	WMB4195	Aqueous	07/16/09 14:43	1		55	41	96	79	108	99
10M05962.D	AC45774-001	Soil	07/17/09 14:52	1		87	84	92	90	112	99
10M05954.D	AC45774-002	Soil	07/17/09 11:53	1		90	86	96	96	115	98
10M05961.D	AC45774-003	Soil	07/17/09 14:29	1		85	80	92	94	109	101
10M05960.D	AC45774-004	Soil	07/17/09 14:07	1		87	84	94	91	112	97
10M05951.D	AC45774-005	Soil	07/17/09 10:45	1		88	84	95	93	112	98
10M05952.D	AC45774-006(	Soil	07/17/09 11:08	1		84	81	91	91	107	95
10M05953.D	AC45774-007(	Soil	07/17/09 11:30	1		82	79	88	88	106	94
9M19276.D	AC45774-008	Aqueous	07/16/09 15:06	1		56	45	89	79	105	98
9M19277.D	AC45774-009(	Aqueous	07/16/09 15:29	1		55	44	95	67	115	100
9M19278.D	AC45774-010(	Aqueous	07/16/09 15:53	1		53	41	99	76	121	104
9M19279.D	AC45774-011	Aqueous	07/16/09 16:16	1		52	37	90	86	111	99
9M19280.D	AC45774-012	Aqueous	07/16/09 16:40	1		55	39	90	86	110	100
9M19281.D	AC45774-013	Aqueous	07/16/09 17:03	1		50	36	89	88	111	100
9M19282.D	AC45774-014	Aqueous	07/16/09 17:27	1		53	39	85	82	106	96
10M05963.D	AC45774-015	Soil	07/17/09 15:14	1		85	82	88	91	106	94
9M19283.D	AC45774-016	Aqueous	07/16/09 17:50	1		57	41	87	85	107	99
9M19284.D	AC45774-017	Aqueous	07/16/09 18:14	1		56	40	91	89	105	101
10M05950.D	SMB4200(MS)	Soil	07/17/09 10:23	1		94	91	98	98	115	106
9M19274.D	WMB4195(MS	Aqueous	07/16/09 14:20	1		53	40	97	79	117	101

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	35-118
S2=Phenol-d5	100	36-121
S3=Nitrobenzene-d5	50	34-128
S4=2-Fluorobiphenyl	50	42-125
S5=2,4,6-Tribromophenol	100	27-155
S6=Terphenyl-d14	50	40-158

Aqueous Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	23-117
S2=Phenol-d5	100	3-120
S3=Nitrobenzene-d5	50	41-143
S4=2-Fluorobiphenyl	50	35-140
S5=2,4,6-Tribromophenol	100	55-146
S6=Terphenyl-d14	50	26-154

FORM 3

Spike Recovery

Batch Number: WMB4195
Mbs File: 9M19274.D
Mbs Date: 07/16/09 14:20
Mbs Name: WMB4195(MS)
Non Spk'd File: 9M19276.D
Non Spk'd Date: 07/16/09 15:06
Ns Name: AC45774-008
Spike File: 9M19277.D
Spike Date : 07/16/09 15:29
Ms Name: AC45774-009(MS:
Spike Dup File: 9M19278.D
Spike Dup Date: 07/16/09 15:53
Msd Name: AC45774-010(MSD
Matrix: Aqueous
Method: EPA 8270C

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	32	98	27	38.28	0.00	41.15	38.53	38	41	39	6.6
2-Chlorophenol	11	1	0	100	64	108	21	84.27	0.00	80.99	83.39	84	81	83	2.9
1,4-Dichlorobenzene	14	1	0	100	52	110	30	74.67	0.00	75.76	74.12	75	76	74	2.2
2-Methylphenol	18	1	0	100	58	113	25	80.88	0.00	80.16	81.62	81	80	82	1.8
N-Nitroso-di-n-propyla	21	1	0	100	49	118	14	96.12	0.00	94.06	91.91	96	94	92	2.3
2,4-Dimethylphenol	28	1	0	100	54	122	18	94.00	0.00	87.13	92.12	94	87	92	5.6
1,2,4-Trichlorobenzen	32	1	0	100	52	120	17	82.43	0.00	83.49	84.48	82	83	84	1.2
Naphthalene	33	1	0	100	61	116	16	85.10	0.00	85.97	86.87	85	86	87	1
4-Chloro-3-methylphe	37	1	0	100	71	119	16	105.13	0.00	103.45	102.82	105	103	103	0.61
Acenaphthene	55	1	0	100	75	110	14	91.25	0.00	91.20	91.65	91	91	92	0.49
2,4-Dinitrotoluene	59	1	0	100	64	120	13	112.89	0.00	109.69	112.74	113	110	113	2.7
4-Nitrophenol	60	1	0	100	35	116	41	49.65	0.00	53.97	50.27	50	54	50	7.1
Fluorene	62	1	0	100	73	113	14	95.73	0.00	93.82	94.39	96	94	94	0.61
Pentachlorophenol	75	1	0	100	76	140	31	112.16	0.00	110.21	114.23	112	110	114	3.6
Pyrene	82	1	0	100	76	118	13	86.27	0.00	88.48	89.86	86	88	90	1.5
Butylbenzylphthalate	88	1	0	100	66	127	12	96.12	0.00	97.45	97.08	96	97	97	0.38

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 3

Spike Recovery

Batch Number: SMB4200
Mbs Name: SMB4200(MS)
Ns Name: AC45774-005
Ms Name: AC45774-006(MS:
Msd Name: AC45774-007(MSD

Mbs File: 10M05950.D
Non Spk'd File: 10M05951.D
Spike File: 10M05952.D
Spike Dup File: 10M05953.D
Matrix: Soil
Method: EPA 8270C

Mbs Date: 07/17/09 10:23
Non Spk'd Date: 07/17/09 10:45
Spike Date : 07/17/09 11:08
Spike Dup Date: 07/17/09 11:30

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	35	130	31	87.70	0.00	79.00	76.51	88	79	77	3.2
2-Chlorophenol	11	1	0	100	43	131	32	94.80	0.00	85.20	81.98	95	85	82	3.9
1,4-Dichlorobenzene	14	1	0	50	26	128	41	43.40	0.00	39.34	37.62	87	79	75	4.5
2-Methylphenol	18	1	0	100	40	137	32	89.86	0.00	80.26	77.45	90	80	77	3.6
N-Nitroso-di-n-propyla	21	1	0	50	23	147	39	44.70	0.00	39.37	38.01	89	79	76	3.5
2,4-Dimethylphenol	28	1	0	100	47	135	32	97.49	0.00	89.67	86.38	97	90	86	3.7
1,2,4-Trichlorobenzen	32	1	0	50	40	129	39	47.45	0.00	44.03	41.50	95	88	83	5.9
Naphthalene	33	1	0	50	44	132	41	50.30	0.00	45.92	44.31	101	92	89	3.6
4-Chloro-3-methylphe	37	1	0	100	45	142	32	95.82	0.00	86.47	83.80	96	86	84	3.1
Acenaphthene	55	1	0	50	47	137	58	53.59	0.00	49.72	47.73	107	99	95	4.1
2,4-Dinitrotoluene	59	1	0	50	30	139	47	59.00	0.00	52.49	49.98	118	105	100	4.9
4-Nitrophenol	60	1	0	100	35	146	36	98.87	0.00	92.73	89.93	99	93	90	3.1
Fluorene	62	1	0	50	42	135	43	53.50	0.00	48.79	46.79	107	98	94	4.2
Pentachlorophenol	75	1	0	100	38	132	37	96.26	0.00	78.87	82.16	96	79	82	4.1
Pyrene	82	1	0	50	45	167	53	53.47	0.00	47.20	47.23	107	94	94	0.06
Butylbenzylphthalate	88	1	0	50	45	157	40	54.46	0.00	48.05	47.76	109	96	96	0.61

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: WMB4195
Blank Data File: 9M19275.D
Matrix: Aqueous

Blank Analysis Date: 07/16/09 14:43
Blank Extraction Date: 07/16/09
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC45774-008	9M19276.D	07/16/09 15:06
AC45774-009(MS:	9M19277.D	07/16/09 15:29
AC45774-010(MSD	9M19278.D	07/16/09 15:53
AC45774-011	9M19279.D	07/16/09 16:16
AC45774-012	9M19280.D	07/16/09 16:40
AC45774-013	9M19281.D	07/16/09 17:03
AC45774-014	9M19282.D	07/16/09 17:27
AC45774-016	9M19283.D	07/16/09 17:50
AC45774-017	9M19284.D	07/16/09 18:14
WMB4195(MS)	9M19274.D	07/16/09 14:20

FORM 4
Blank Summary

Blank Number: SMB4200
Blank Data File: 10M05949.D
Matrix: Soil

Blank Analysis Date: 07/17/09 10:01
Blank Extraction Date: 07/16/09
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC45774-001	10M05962.D	07/17/09 14:52
AC45774-002	10M05954.D	07/17/09 11:53
AC45774-003	10M05961.D	07/17/09 14:29
AC45774-004	10M05960.D	07/17/09 14:07
AC45774-005	10M05951.D	07/17/09 10:45
AC45774-006(MS:	10M05952.D	07/17/09 11:08
AC45774-007(MSD	10M05953.D	07/17/09 11:30
AC45774-015	10M05963.D	07/17/09 15:14
SMB4200(MS)	10M05950.D	07/17/09 10:23

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M18894.D
Analysis Date: 06/29/09 08:15
Method: EPA 8270C

Tune Scan/Time Range: Scan 1416

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	33.5	26352	PASS
68	69	0.00	2	1.9	585	PASS
69	198	0.00	100	40.2	31560	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	47.7	37440	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	78560	PASS
199	198	5	9	6.7	5265	PASS
275	198	10	30	21.6	16944	PASS
365	198	1	100	2.4	1923	PASS
441	443	0.01	100	80.1	5734	PASS
442	198	40	100	45.6	35832	PASS
443	442	17	23	20.0	7157	PASS

Data File	Sample Number	Analysis Date:
9M18895.D	CAL BNA@50PPM	06/29/09 08:40
9M18896.D	CAL BNA@196PP	06/29/09 09:28
9M18897.D	CAL BNA@160PP	06/29/09 09:51
9M18898.D	CAL BNA@120PP	06/29/09 10:15
9M18899.D	CAL BNA@80PPM	06/29/09 10:39
9M18900.D	CAL BNA@20PPM	06/29/09 11:03
9M18901.D	CAL BNA@10PPM	06/29/09 11:27
9M18902.D	CAL BNA@2PPM	06/29/09 11:51
9M18903.D	CAL BNA@50PPM	06/29/09 12:14
9M18904.D	ICV BNA@50PPM	06/29/09 12:38
9M18905.D	WMB4177	06/29/09 13:04
9M18906.D	WMB4177(MS)	06/29/09 13:28
9M18907.D	AC45531-001	06/29/09 13:52
9M18908.D	AC45531-001(MS)	06/29/09 14:16
9M18909.D	PYRIDINE TEST(V	06/29/09 14:40
9M18910.D	AC45531-001(MSD	06/29/09 15:04
9M18911.D	AC45504-003(3X)	06/29/09 15:28
9M18912.D	WMB4178(MS)	06/29/09 15:53
9M18913.D	WMB4178	06/29/09 16:17
9M18914.D	AC45515-002	06/29/09 16:42
9M18915.D	AC45515-002(MS)	06/29/09 17:06
9M18916.D	AC45515-002(MSD	06/29/09 17:31
9M18917.D	AC45537-004	06/29/09 17:55
9M18918.D	AC45518-004	06/29/09 18:19
9M18919.D	AC45537-002	06/29/09 18:43
9M18920.D	AC45515-001	06/29/09 19:08
9M18921.D	AC45534-001	06/29/09 19:32
9M18922.D	AC45497-001	06/29/09 19:56
9M18923.D	AC45497-002	06/29/09 20:20
9M18924.D	AC45503-001(R)	06/29/09 20:44
9M18925.D	AC45482-004(R)	06/29/09 21:08

Form 5

Tune Name: CAL DFTPP **Data File:** 10M05580.D
Instrument: GCMS 10 **Analysis Date:** 06/29/09 08:16
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.409 to 9.420 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	41.8	27185	PASS
68	69	0.00	2	1.6	431	PASS
69	198	0.00	100	41.1	26728	PASS
70	69	0.00	2	0.5	135	PASS
127	198	40	60	50.6	32888	PASS
197	198	0.00	1	0.3	190	PASS
198	198	100	100	100.0	64973	PASS
199	198	5	9	7.3	4721	PASS
275	198	10	30	21.5	13976	PASS
365	198	1	100	2.2	1429	PASS
441	443	0.01	100	73.5	5329	PASS
442	198	40	100	57.6	37419	PASS
443	442	17	23	19.4	7250	PASS

Data File	Sample Number	Analysis Date:
10M05581.D	CAL BNA@50PPM	06/29/09 08:39
10M05582.D	CAL BNA@196PP	06/29/09 09:33
10M05583.D	CAL BNA@160PP	06/29/09 09:55
10M05584.D	CAL BNA@120PP	06/29/09 10:17
10M05585.D	CAL BNA@80PPM	06/29/09 10:41
10M05586.D	CAL BNA@20PPM	06/29/09 11:05
10M05587.D	CAL BNA@10PPM	06/29/09 11:29
10M05588.D	CAL BNA@2PPM	06/29/09 11:53
10M05589.D	CAL BNA@50PPM	06/29/09 12:17
10M05590.D	ICV BNA@50PPM	06/29/09 12:42
10M05591.D	WMB4177	06/29/09 13:08
10M05592.D	AC45501-001	06/29/09 13:31
10M05593.D	AC45509-006	06/29/09 13:53
10M05594.D	AC45509-004	06/29/09 14:16
10M05595.D	AC45509-010	06/29/09 14:39
10M05596.D	AC45509-011	06/29/09 15:02
10M05597.D	WMB4178	06/29/09 15:25
10M05598.D	AC45501-002	06/29/09 15:48
10M05599.D	SMB4183	06/29/09 16:11
10M05600.D	AC45518-001	06/29/09 16:33
10M05601.D	AC45518-002	06/29/09 16:56
10M05602.D	AC45511-002	06/29/09 17:19
10M05603.D	AC45511-005	06/29/09 17:42
10M05604.D	AC45511-006	06/29/09 18:04
10M05605.D	AC45511-008	06/29/09 18:27
10M05606.D	AC45511-010	06/29/09 18:50
10M05607.D	AC45531-002	06/29/09 19:12
10M05608.D	AC45518-003	06/29/09 19:35
10M05609.D	AC45518-001(10X)	06/29/09 19:57
10M05610.D	AC45520-001(10X)	06/29/09 20:20
10M05611.D	AC45517-004(10X)	06/29/09 20:43
10M05612.D	AC45517-001(20X)	06/29/09 21:05
10M05613.D	AC45517-002(20X)	06/29/09 21:28
10M05614.D	AC45517-003(20X)	06/29/09 21:50
10M05615.D	AC45519-004(20X)	06/29/09 22:13

Form 5

Tune Name: CAL DFTPP **Data File:** 9M19268.D
Instrument: GCMS 9 **Analysis Date:** 07/16/09 10:09
Method: EPA 8270C
Tune Scan/Time Range: Average of 9.746 to 9.763 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	34.0	14608	PASS
68	69	0.00	2	0.7	113	PASS
69	198	0.00	100	39.8	17099	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	47.2	20296	PASS
197	198	0.00	1	0.1	44	PASS
198	198	100	100	100.0	42958	PASS
199	198	5	9	7.0	2988	PASS
275	198	10	30	24.5	10507	PASS
365	198	1	100	2.8	1224	PASS
441	443	0.01	100	82.4	4216	PASS
442	198	40	100	62.9	27040	PASS
443	442	17	23	18.9	5114	PASS

Data File	Sample Number	Analysis Date:
9M19269.D	CAL BNA@50PPM	07/16/09 10:57
9M19270.D	WMB4194(MS)	07/16/09 11:21
9M19271.D	AC45780-001	07/16/09 11:44
9M19272.D	AC45781-001	07/16/09 12:07
9M19273.D	AC45781-002	07/16/09 12:30
9M19274.D	WMB4195(MS)	07/16/09 14:20
9M19275.D	WMB4195	07/16/09 14:43
9M19276.D	AC45774-008	07/16/09 15:06
9M19277.D	AC45774-009(MS:	07/16/09 15:29
9M19278.D	AC45774-010(MSD	07/16/09 15:53
9M19279.D	AC45774-011	07/16/09 16:16
9M19280.D	AC45774-012	07/16/09 16:40
9M19281.D	AC45774-013	07/16/09 17:03
9M19282.D	AC45774-014	07/16/09 17:27
9M19283.D	AC45774-016	07/16/09 17:50
9M19284.D	AC45774-017	07/16/09 18:14
9M19285.D	AC45761-001(R)	07/16/09 18:37
9M19286.D	AC45761-003(R)	07/16/09 19:01
9M19287.D	AC45761-004(R)	07/16/09 19:24

Form 5

Tune Name: CAL DFTPP **Data File:** 10M05947.D
Instrument: GCMS 10 **Analysis Date:** 07/17/09 08:25
Method: EPA 8270C
Tune Scan/Time Range: Average of 9.356 to 9.372 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.5	25017	PASS
68	69	0.00	2	1.7	400	PASS
69	198	0.00	100	36.2	23555	PASS
70	69	0.00	2	1.1	252	PASS
127	198	40	60	48.3	31400	PASS
197	198	0.00	1	0.3	211	PASS
198	198	100	100	100.0	65032	PASS
199	198	5	9	6.7	4329	PASS
275	198	10	30	26.0	16894	PASS
365	198	1	100	3.6	2356	PASS
441	443	0.01	100	73.0	8892	PASS
442	198	40	100	94.8	61676	PASS
443	442	17	23	19.7	12181	PASS

Data File	Sample Number	Analysis Date:
10M05948.D	CAL BNA@50PPM	07/17/09 09:38
10M05949.D	SMB4200	07/17/09 10:01
10M05950.D	SMB4200(MS)	07/17/09 10:23
10M05951.D	AC45774-005	07/17/09 10:45
10M05952.D	AC45774-006(MS:	07/17/09 11:08
10M05953.D	AC45774-007(MSD	07/17/09 11:30
10M05954.D	AC45774-002	07/17/09 11:53
10M05955.D	AC45783-001	07/17/09 12:15
10M05956.D	AC45786-002	07/17/09 12:37
10M05957.D	AC45775-006(3X)	07/17/09 13:00
10M05958.D	AC45775-005	07/17/09 13:22
10M05959.D	AC45775-001	07/17/09 13:45
10M05960.D	AC45774-004	07/17/09 14:07
10M05961.D	AC45774-003	07/17/09 14:29
10M05962.D	AC45774-001	07/17/09 14:52
10M05963.D	AC45774-015	07/17/09 15:14

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M18903.D Method: EPA 8270C

Analysis Date/Time: 06/29/09 12:14

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	47425	5.78	178500	6.79	100771	8.21	172677	9.67	163933	12.72	167819	14.34
Eval File Area Limit:	23712-94850		89250-357000		50386-201542		86338-345354		81966-327866		83910-335638	
Eval File Rt Limit:	5.28-6.28		6.29-7.29		7.71-8.71		9.17-10.17		12.22-13.22		13.84-14.84	

Data File	Sample											
9M18896.D	CAL BNA@19	45610	5.78	175317	6.80	105355	8.23	179143	9.68	164519	12.73	164014	14.34
9M18897.D	CAL BNA@16	50008	5.78	192664	6.79	114210	8.22	198001	9.67	184286	12.73	191379	14.34
9M18898.D	CAL BNA@12	51227	5.78	191141	6.79	113524	8.22	193610	9.67	184996	12.73	184797	14.34
9M18899.D	CAL BNA@80	50297	5.78	191273	6.79	108628	8.21	185810	9.67	180380	12.72	185139	14.34
9M18900.D	CAL BNA@20	51551	5.78	199278	6.79	112044	8.21	191025	9.67	184366	12.72	189296	14.34
9M18901.D	CAL BNA@10	49731	5.78	185356	6.79	106219	8.21	178925	9.67	172052	12.72	174382	14.33
9M18902.D	CAL BNA@2F	46617	5.78	177487	6.79	100546	8.21	172740	9.67	156405	12.72	155897	14.33
9M18903.D	CAL BNA@50	47425	5.78	178500	6.79	100771	8.21	172677	9.67	163933	12.72	167819	14.34
9M18904.D	ICV BNA@50	49061	5.78	183892	6.79	105835	8.21	178790	9.67	176015	12.72	176290	14.35
9M18905.D	WMB4177	44291	5.78	167712	6.79	95152	8.21	165478	9.67	146148	12.72	151771	14.36
9M18906.D	WMB4177(MS	45807	5.78	171157	6.79	95296	8.21	163565	9.67	157972	12.72	158835	14.36
9M18907.D	AC45531-001	50745	5.78	183976	6.79	110699	8.21	185315	9.67	181464	12.72	181459	14.34
9M18908.D	AC45531-001(	50626	5.78	191259	6.79	110654	8.21	187560	9.67	176931	12.73	176220	14.34
9M18909.D	PYRIDINE TE	54234	5.78	206229	6.79	116307	8.21	199082	9.67	183766	12.72	193765	14.34
9M18910.D	AC45531-001(	50987	5.78	190184	6.79	110480	8.22	191874	9.67	184255	12.73	178207	14.36
9M18912.D	WMB4178(MS	49251	5.78	180580	6.79	106604	8.21	184738	9.67	172949	12.72	174789	14.34
9M18913.D	WMB4178	47974	5.78	176739	6.79	100167	8.21	170508	9.67	153343	12.72	159820	14.33
9M18915.D	AC45515-002(	46251	5.78	176015	6.79	100106	8.21	174285	9.67	167241	12.72	165742	14.34
9M18916.D	AC45515-002(	45964	5.78	170806	6.79	97084	8.21	165720	9.67	163691	12.72	166627	14.34

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M05589.D Method: EPA 8270C

Analysis Date/Time: 06/29/09 12:17

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	121327	5.34	480274	6.36	285910	7.72	496002	9.11	464240	12.10	541326	13.69
Eval File Area Limit:	60664-242654		240137-960548		142955-571820		248001-992004		232120-928480		270663-1082652	
Eval File Rt Limit:	4.84-5.84		5.86-6.86		7.22-8.219999		8.61-9.61		11.6-12.6		13.19-14.19	

Data File	Sample												
10M05582.	CAL BNA@1S	106800	5.34	431505	6.37	260278	7.72	464206	9.11	384342	12.12	505659	13.69
10M05583.	CAL BNA@1E	113275	5.34	464024	6.37	276418	7.72	483173	9.11	412400	12.11	523554	13.69
10M05584.	CAL BNA@12	121846	5.34	488364	6.37	293087	7.72	502833	9.11	434972	12.11	534126	13.69
10M05585.	CAL BNA@8C	106434	5.34	436672	6.37	258997	7.72	452327	9.11	418623	12.11	506067	13.69
10M05586.	CAL BNA@2C	120294	5.34	487134	6.36	287071	7.72	495841	9.11	466344	12.10	537963	13.68
10M05587.	CAL BNA@1C	114457	5.34	465667	6.36	278462	7.72	472466	9.11	453370	12.10	524949	13.68
10M05588.	CAL BNA@2F	73020	5.34	295683	6.36	171444	7.72	295248	9.11	285251	12.10	330884	13.68
10M05589.	CAL BNA@5C	121327	5.34	480274	6.36	285910	7.72	496002	9.11	464240	12.10	541326	13.69
10M05590.	ICV BNA@50	120995	5.34	478700	6.37	285564	7.72	492506	9.11	468570	12.10	536582	13.69
10M05591.	WMB4177	114409	5.34	452319	6.36	270474	7.72	456923	9.11	430569	12.10	487756	13.69
10M05596.	AC45509-011	118709	5.34	477295	6.36	285315	7.72	487534	9.11	462089	12.10	505306	13.68
10M05597.	WMB4178	124228	5.34	495111	6.36	287992	7.72	495823	9.11	456831	12.10	473475	13.68
10M05599.	SMB4183	124073	5.34	487646	6.36	283449	7.72	479689	9.11	430023	12.10	423479	13.68
10M05602.	AC45511-002	128274	5.34	508154	6.36	301861	7.72	512865	9.11	458359	12.10	456598	13.68
10M05603.	AC45511-005	142355	5.34	568435	6.36	333190	7.72	565907	9.11	471759	12.10	441622	13.68
10M05604.	AC45511-006	66056	5.34	275064	6.36	162049	7.72	277283	9.11	243688	12.10	231360	13.68
10M05605.	AC45511-008	124207	5.34	496443	6.36	284980	7.72	477341	9.11	401566	12.10	388312	13.68
10M05606.	AC45511-010	122004	5.34	475649	6.36	269912	7.72	435408	9.11	317035	12.10	316288	13.68
10M05607.	AC45531-002	127226	5.34	502291	6.36	298159	7.72	497225	9.11	434720	12.10	393461	13.68

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M19269.D Method: EPA 8270C

Analysis Date/Time: 07/16/09 10:57

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	33667	5.61	132858	6.62	83013	8.02	159577	9.45	175227	12.49	192802	14.09
Eval File Area Limit:	16834-67334		66429-265716		41506-166026		79788-319154		87614-350454		96401-385604	
Eval File Rt Limit:	5.11-6.11		6.12-7.12		7.52-8.52		8.95-9.95		11.99-12.99		13.59-14.59	

Data File	Sample												
9M19270.D	WMB4194(MS	31852	5.61	129779	6.62	81969	8.02	157971	9.46	162777	12.49	173151	14.08
9M19272.D	AC45781-001	32901	5.61	131846	6.62	79442	8.02	149186	9.45	149292	12.48	164397	14.09
9M19273.D	AC45781-002	25483	5.61	106654	6.62	71551	8.02	135037	9.45	150691	12.48	170989	14.08
9M19274.D	WMB4195(MS	31776	5.61	123751	6.64	80531	8.06	155594	9.48	172172	12.50	187970	14.15
9M19275.D	WMB4195	29472	5.61	116800	6.62	74160	8.02	140983	9.45	156571	12.48	177254	14.08
9M19276.D	AC45774-008	27341	5.61	112194	6.62	72864	8.01	146637	9.45	163539	12.49	189206	14.08
9M19277.D	AC45774-009	34556	5.61	134718	6.62	86870	8.02	165013	9.45	170824	12.49	179596	14.08
9M19278.D	AC45774-010	37666	5.61	143358	6.62	91097	8.02	169548	9.45	176648	12.49	187142	14.08
9M19279.D	AC45774-011	34775	5.61	133773	6.62	81956	8.01	145299	9.45	151864	12.49	169650	14.08
9M19280.D	AC45774-012	30118	5.61	117811	6.62	72753	8.02	133322	9.45	144362	12.48	160206	14.08
9M19281.D	AC45774-013	33230	5.61	134279	6.62	82987	8.02	151605	9.45	159704	12.48	171632	14.08
9M19282.D	AC45774-014	30039	5.61	122813	6.62	76476	8.01	142281	9.45	155845	12.48	174402	14.08
9M19283.D	AC45774-016	31153	5.61	119572	6.62	72630	8.01	135281	9.45	142679	12.48	159414	14.08
9M19284.D	AC45774-017	30756	5.61	123403	6.62	76159	8.02	146778	9.45	153565	12.49	168084	14.08

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	**625/8270 Internal Standard concentration = 40 mg/L (in final extract)**
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	**624/8260 Internal Standard concentration = 30ug/L**
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	**524 Internal Standard concentration =5ug/L**

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 10M05948.D Method: EPA 8270C

Analysis Date/Time: 07/17/09 09:38

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	80114	5.29	305064	6.31	168354	7.65	279541	9.03	269152	12.02	314931	13.60
Eval File Area Limit:	40057-160228		152532-610128		84177-336708		139770-559082		134576-538304		157466-629862	
Eval File Rt Limit:	4.79-5.79		5.81-6.81		7.15-8.15		8.53-9.53		11.52-12.52		13.1-14.1	

Data File	Sample											
10M05949.	SMB4200	87106	5.29	324167	6.31	182278	7.66	307142	9.05	263228	12.04	295280	13.62
10M05950.	SMB4200(MS.	81779	5.29	313270	6.31	176126	7.66	299198	9.05	256945	12.04	284782	13.62
10M05951.	AC45774-005	70665	5.29	258370	6.31	142376	7.66	234259	9.05	220366	12.04	268026	13.62
10M05952.	AC45774-006(	75982	5.29	281570	6.31	155481	7.66	258853	9.05	234750	12.04	273969	13.62
10M05953.	AC45774-007(	77631	5.29	288154	6.31	159649	7.66	260384	9.05	234178	12.04	269210	13.62
10M05954.	AC45774-002	77915	5.29	292548	6.31	164047	7.66	269987	9.05	254473	12.04	291696	13.62
10M05955.	AC45783-001	73268	5.29	274086	6.31	157617	7.66	264387	9.05	252660	12.04	297490	13.62
10M05956.	AC45786-002	78640	5.29	291471	6.31	158098	7.66	255497	9.05	229716	12.04	275256	13.62
10M05957.	AC45775-006(	79685	5.29	307148	6.31	177146	7.66	293223	9.05	269368	12.05	311196	13.62
10M05958.	AC45775-005	76637	5.29	283641	6.31	154742	7.66	254695	9.05	237763	12.04	281820	13.62
10M05959.	AC45775-001	88287	5.29	332407	6.31	176734	7.66	267245	9.05	227777	12.04	275022	13.62
10M05960.	AC45774-004	72861	5.29	269664	6.31	151983	7.66	250185	9.05	232687	12.04	273234	13.62
10M05961.	AC45774-003	90756	5.29	329509	6.31	175207	7.66	267863	9.05	204391	12.04	255496	13.62
10M05962.	AC45774-001	75373	5.29	286245	6.31	161077	7.66	266373	9.05	237084	12.04	273554	13.62
10M05963.	AC45774-015	80436	5.29	300678	6.31	165010	7.66	269386	9.05	236164	12.04	278208	13.62

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-001
Client Id: 1-30-185-SB01
Data File: 10M05962.D
Analysis Date: 07/17/09 14:52
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	50-32-8	Benzo[a]pyrene	0.069	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	205-99-2	Benzo[b]fluoranthene	0.069	U
120-82-1	1,2,4-Trichlorobenzene	0.069	U	191-24-2	Benzo[g,h,i]perylene	0.069	U
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.35	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	2,4-Dimethylphenol	0.069	U	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.35	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	2,4-Dinitrotoluene	0.069	U	85-68-7	Butylbenzylphthalate	0.069	U
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	86-74-8	Carbazole	0.069	U
95-57-8	2-Chlorophenol	0.069	U	218-01-9	Chrysene	0.069	U
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	2-Methylphenol	0.069	U	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.069	U
534-52-1	4,6-Dinitro-2-methylphenol	0.35	U	86-73-7	Fluorene	0.069	U
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	4-Chloro-3-methylphenol	0.069	U	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.35	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.069	U
100-02-7	4-Nitrophenol	0.069	U	78-59-1	Isophorone	0.069	U
83-32-9	Acenaphthene	0.069	U	91-20-3	Naphthalene	0.069	U
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	621-64-7	N-Nitroso-di-n-propylamine	0.069	U
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	87-86-5	Pentachlorophenol	0.35	U
100-52-7	Benzaldehyde	0.069	U	85-01-8	Phenanthrene	0.069	U
92-87-5	Benzidine	0.35	U	108-95-2	Phenol	0.069	U
56-55-3	Benzo[a]anthracene	0.069	U	129-00-0	Pyrene	0.069	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

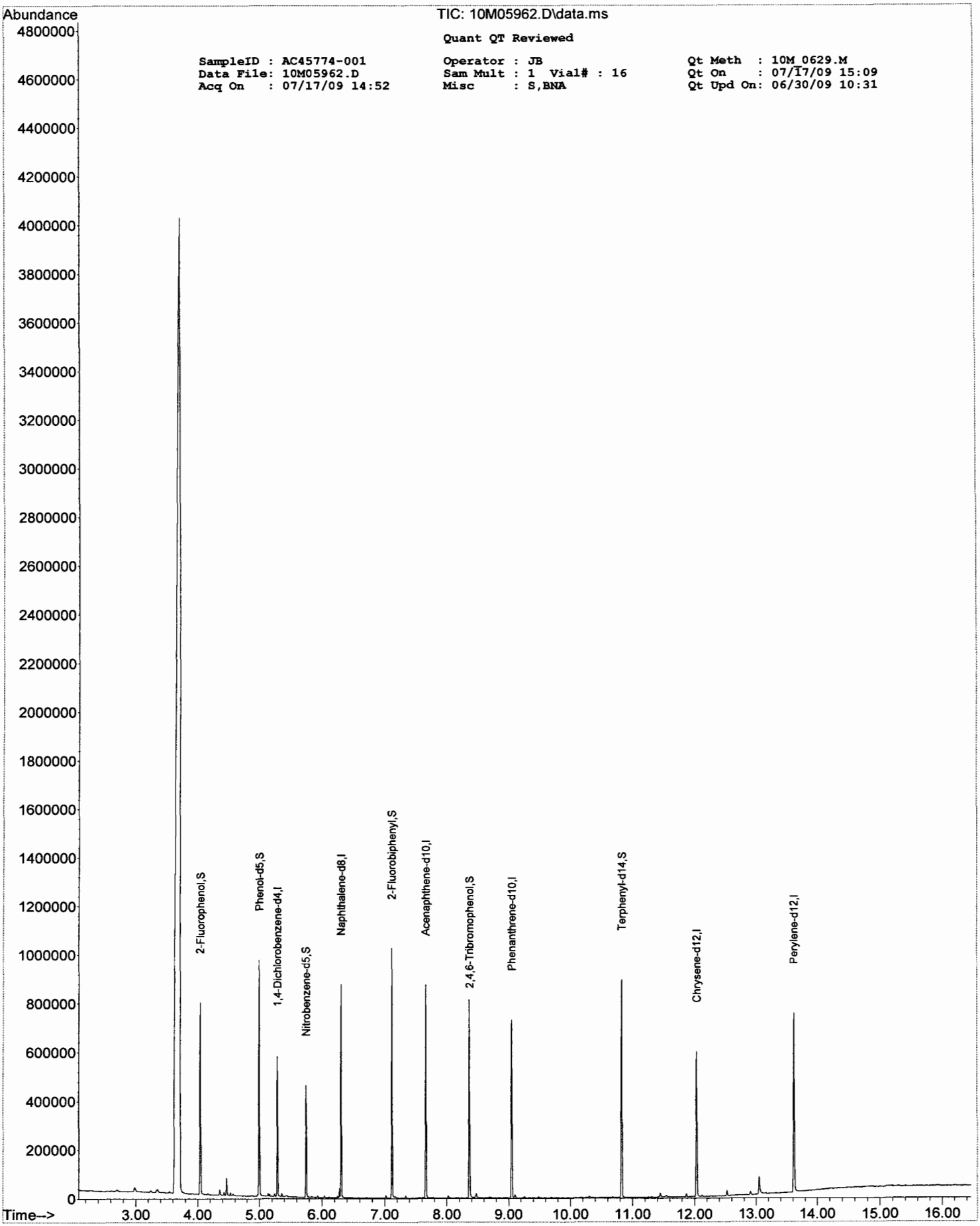
Quantitation Report (QT Reviewed)

SampleID : AC45774-001 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05962.D Sam Mult : 1 Vial# : 16 Qt On : 07/17/09 15:09
Acq On : 07/17/09 14:52 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.285	152	75373	40.00	ng	-0.06
23) Naphthalene-d8	6.307	136	286245	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	161077	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	266373	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	237084	40.00	ng	-0.07
96) Perylene-d12	13.619	264	273554	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	213549	87.42	ng	-0.05
Spiked Amount 100.000			Recovery = 87.42%			
9) Phenol-d5	4.997	99	272576	83.88	ng	-0.04
Spiked Amount 100.000			Recovery = 83.88%			
24) Nitrobenzene-d5	5.751	128	57289	46.15	ng	-0.05
Spiked Amount 50.000			Recovery = 92.30%			
46) 2-Fluorobiphenyl	7.115	172	244012	44.82	ng	-0.06
Spiked Amount 50.000			Recovery = 89.64%			
70) 2,4,6-Tribromophenol	8.366	330	95609	111.97	ng	-0.06
Spiked Amount 100.000			Recovery = 111.97%			
84) Terphenyl-d14	10.827	244	323191	49.56	ng	-0.06
Spiked Amount 50.000			Recovery = 99.12%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05962.D\data.ms
Quant QT Reviewed
SampleID : AC45774-001
Data File: 10M05962.D
Acq On : 07/17/09 14:52
Operator : JB
Sam Mult : 1 Vial# : 16
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 15:09
Qt Upd On: 06/30/09 10:31
4800000
4600000
4400000
4200000
4000000
3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-002
Client Id: 1-30-185-SB02
Data File: 10M05954.D
Analysis Date: 07/17/09 11:53
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	**1,1'-Biphenyl**	**0.072**	**0.093**	**50-32-8**	**Benzo[a]pyrene**	**0.072**	**1.0**
95-94-3	1,2,4,5-Tetrachlorobenzene	0.072	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.072**	**1.8**
120-82-1	1,2,4-Trichlorobenzene	0.072	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.072**	**0.70**
122-66-7	1,2-Diphenylhydrazine	0.072	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.072**	**0.51**
95-95-4	2,4,5-Trichlorophenol	0.072	U	65-85-0	Benzoic Acid	0.36	U
88-06-2	2,4,6-Trichlorophenol	0.072	U	111-91-1	bis(2-Chloroethoxy)methan	0.072	U
120-83-2	2,4-Dichlorophenol	0.072	U	111-44-4	bis(2-Chloroethyl)ether	0.072	U
105-67-9	2,4-Dimethylphenol	0.072	U	108-60-1	bis(2-chloroisopropyl)ether	0.072	U
51-28-5	2,4-Dinitrophenol	0.36	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.072	U
121-14-2	2,4-Dinitrotoluene	0.072	U	85-68-7	Butylbenzylphthalate	0.072	U
606-20-2	2,6-Dinitrotoluene	0.072	U	105-60-2	Caprolactam	0.072	U
91-58-7	2-Chloronaphthalene	0.072	U	**86-74-8**	**Carbazole**	**0.072**	**0.20**
95-57-8	2-Chlorophenol	0.072	U	**218-01-9**	**Chrysene**	**0.072**	**1.2**
91-57-6	**2-Methylnaphthalene**	**0.072**	**0.45**	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.072**	**0.22**
95-48-7	2-Methylphenol	0.072	U	**132-64-9**	**Dibenzofuran**	**0.072**	**0.43**
88-74-4	2-Nitroaniline	0.072	U	84-66-2	Diethylphthalate	0.072	U
88-75-5	2-Nitrophenol	0.072	U	131-11-3	Dimethylphthalate	0.072	U
106-44-5	3&4-Methylphenol	0.072	U	84-74-2	Di-n-butylphthalate	0.072	U
91-94-1	3,3'-Dichlorobenzidine	0.072	U	117-84-0	Di-n-octylphthalate	0.072	U
99-09-2	3-Nitroaniline	0.072	U	**206-44-0**	**Fluoranthene**	**0.072**	**2.3**
534-52-1	4,6-Dinitro-2-methylphenol	0.36	U	**86-73-7**	**Fluorene**	**0.072**	**0.62**
101-55-3	4-Bromophenyl-phenylether	0.072	U	118-74-1	Hexachlorobenzene	0.072	U
59-50-7	4-Chloro-3-methylphenol	0.072	U	87-68-3	Hexachlorobutadiene	0.072	U
106-47-8	4-Chloroaniline	0.072	U	77-47-4	Hexachlorocyclopentadiene	0.36	U
7005-72-3	4-Chlorophenyl-phenylether	0.072	U	67-72-1	Hexachloroethane	0.072	U
100-01-6	4-Nitroaniline	0.072	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.072**	**0.62**
100-02-7	4-Nitrophenol	0.072	U	78-59-1	Isophorone	0.072	U
83-32-9	**Acenaphthene**	**0.072**	**0.63**	**91-20-3**	**Naphthalene**	**0.072**	**1.2**
208-96-8	**Acenaphthylene**	**0.072**	**0.16**	98-95-3	Nitrobenzene	0.072	U
98-86-2	Acetophenone	0.072	U	62-75-9	N-Nitrosodimethylamine	0.072	U
62-53-3	Aniline	0.072	U	621-64-7	N-Nitroso-di-n-propylamine	0.072	U
120-12-7	**Anthracene**	**0.072**	**0.64**	86-30-6	n-Nitrosodiphenylamine	0.072	U
1912-24-9	Atrazine	0.072	U	87-86-5	Pentachlorophenol	0.36	U
100-52-7	Benzaldehyde	0.072	U	**85-01-8**	**Phenanthrene**	**0.072**	**2.5**
92-87-5	Benzidine	0.36	U	108-95-2	Phenol	0.072	U
56-55-3	**Benzo[a]anthracene**	**0.072**	**0.98**	**129-00-0**	**Pyrene**	**0.072**	**1.8**

Worksheet #: 123973

Total Target Concentration 18

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

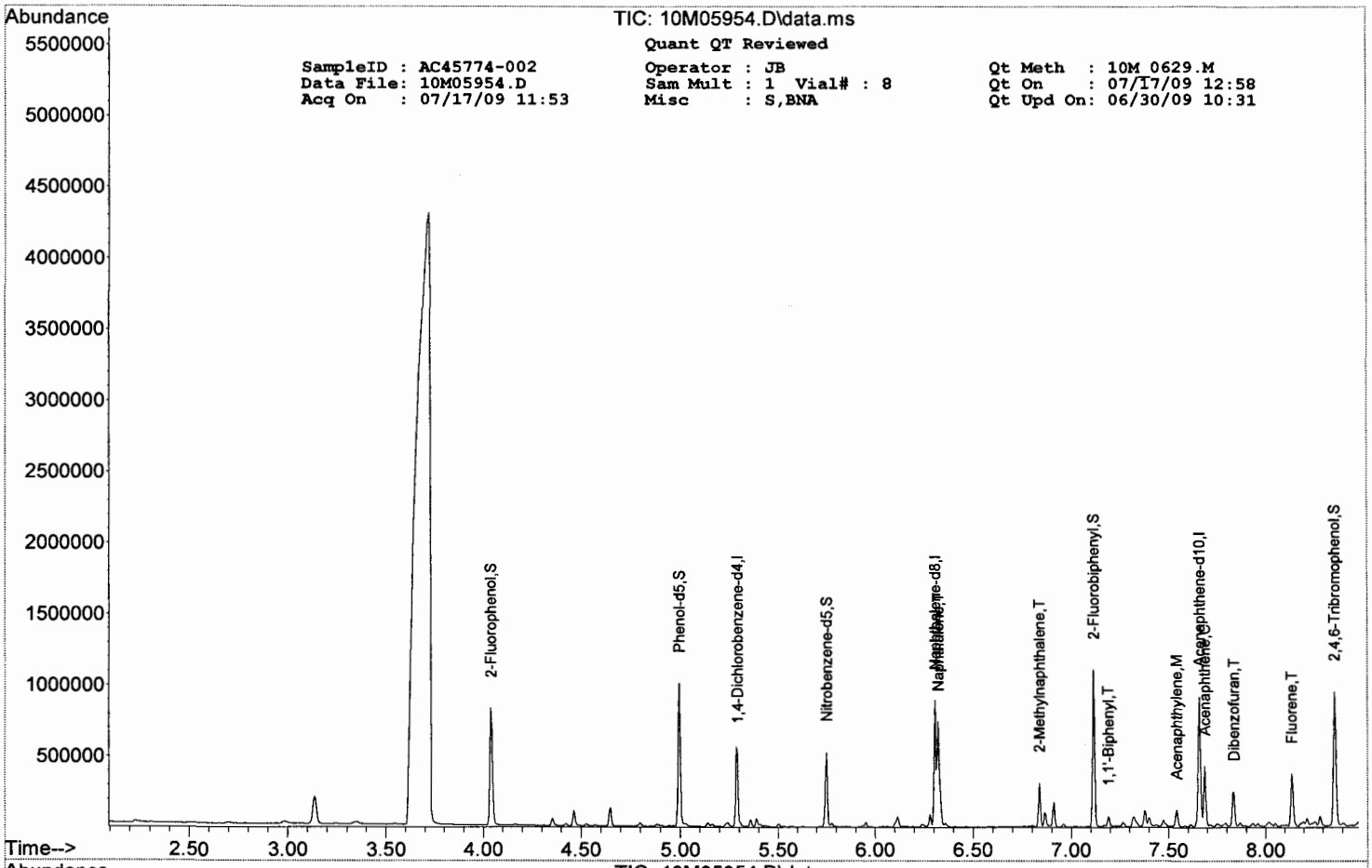
Quantitation Report (QT Reviewed)

SampleID : AC45774-002 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05954.D Sam Mult : 1 Vial# : 8 Qt On : 07/17/09 12:58
Acq On : 07/17/09 11:53 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	77915	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	292548	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	164047	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	269987	40.00	ng	-0.06
81) Chrysene-d12	12.041	240	254473	40.00	ng	-0.06
96) Perylene-d12	13.624	264	291696	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	227957	90.27	ng	-0.05
Spiked Amount 100.000			Recovery = 90.27%			
9) Phenol-d5	4.997	99	288217	85.80	ng	-0.04
Spiked Amount 100.000			Recovery = 85.80%			
24) Nitrobenzene-d5	5.751	128	61078	48.14	ng	-0.05
Spiked Amount 50.000			Recovery = 96.28%			
46) 2-Fluorobiphenyl	7.115	172	265396	47.87	ng	-0.06
Spiked Amount 50.000			Recovery = 95.74%			
70) 2,4,6-Tribromophenol	8.361	330	99219	114.64	ng	-0.06
Spiked Amount 100.000			Recovery = 114.64%			
84) Terphenyl-d14	10.827	244	341412	48.77	ng	-0.06
Spiked Amount 50.000			Recovery = 97.54%			
Target Compounds						Qvalue
33) Naphthalene	6.323	128	247089	33.53	ng	100
38) 2-Methylnaphthalene	6.837	142	62992	12.51	ng	99
40) 1,1'-Biphenyl	7.190	154	17384	2.59	ng	95
52) Acenaphthylene	7.543	152	36170	4.52	ng	96
55) Acenaphthene	7.687	153	81626	17.53	ng	99
58) Dibenzofuran	7.837	168	83236	12.06	ng	84
62) Fluorene	8.136	166	97375	17.18	ng	96
76) Phenanthrene	9.072	178	519736	70.49	ng	100
77) Anthracene	9.126	178	142004	17.82	ng	99
78) Carbazole	9.297	167	42673	5.49	ng	97
80) Fluoranthene	10.367	202	529199	65.30	ng	92
82) Pyrene	10.623	202	458167	50.33	ng	87
93) Benzo[a]anthracene	12.030	228	237261	27.26	ng	98
94) Chrysene	12.067	228	270886	32.38	ng	98
98) Benzo[b]fluoranthene	13.233	252	417432m	49.09	ng	
99) Benzo[k]fluoranthene	13.255	252	122811m	14.20	ng	
100) Benzo[a]pyrene	13.565	252	225136	27.97	ng	91
101) Indeno[1,2,3-cd]pyrene	14.694	276	157384	17.20	ng	81
102) Dibenzo[a,h]anthracene	14.704	278	45870	6.17	ng	96
103) Benzo[g,h,i]perylene	14.982	276	150905	19.53	ng	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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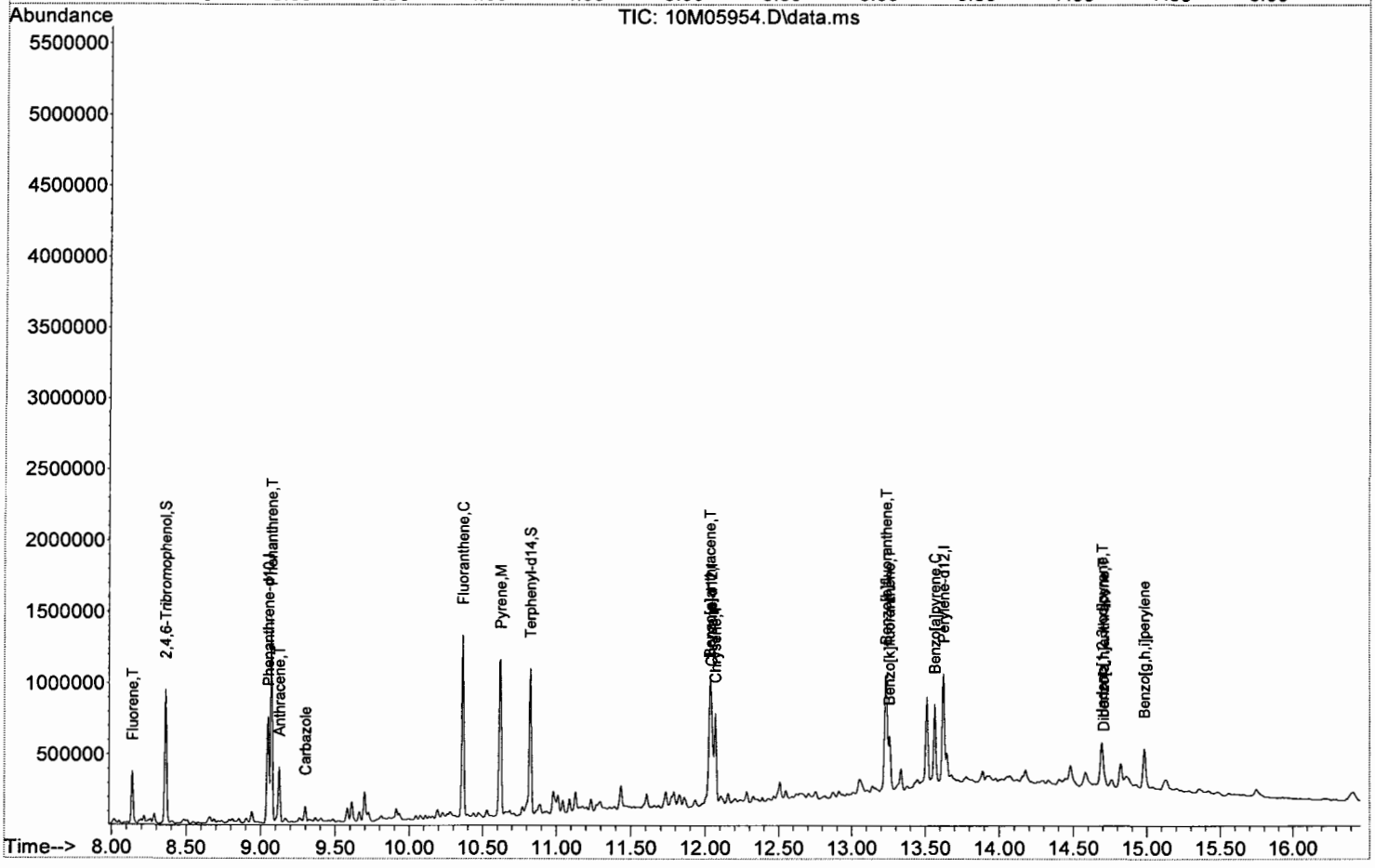
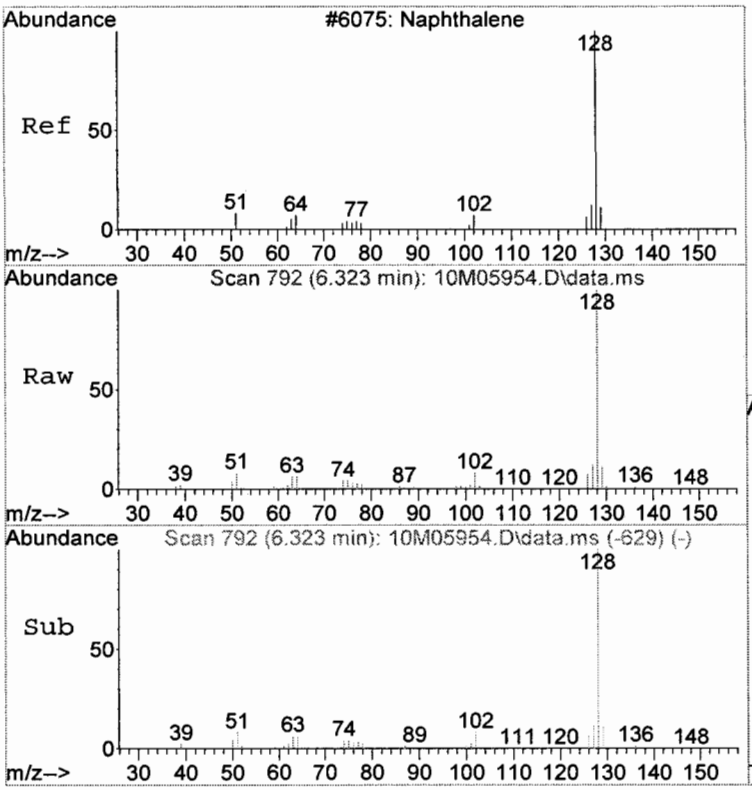
Quant QT Reviewed
SampleID : AC45774-002
Data File: 10M05954.D
Acq On : 07/17/09 11:53
Operator : JB
Sam Mult : 1 Vial# : 8
Misc : S,BNA
Qt Meth : 10M 0629.M
Qt On : 07/17/09 12:58
Qt Upd On: 06/30/09 10:31
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
2-Methylnaphthalene,T
2-Fluorobiphenyl,S
1,1'-Biphenyl,T
Acenaphthylene,M
Dibenzofuran,T
Fluorene,T
2,4,6-Tribromophenol,S
Time-->

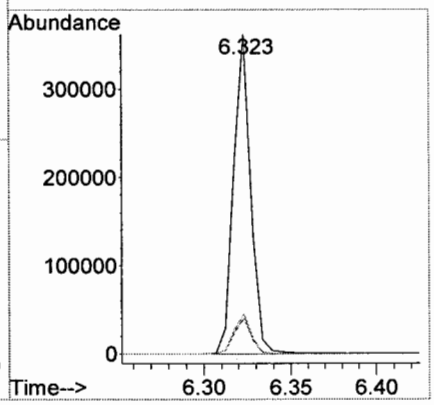

Abundance
TIC: 10M05954.D\data.ms
Fluorene,T
2,4,6-Tribromophenol,S
Anthracene,T
Carbazole
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

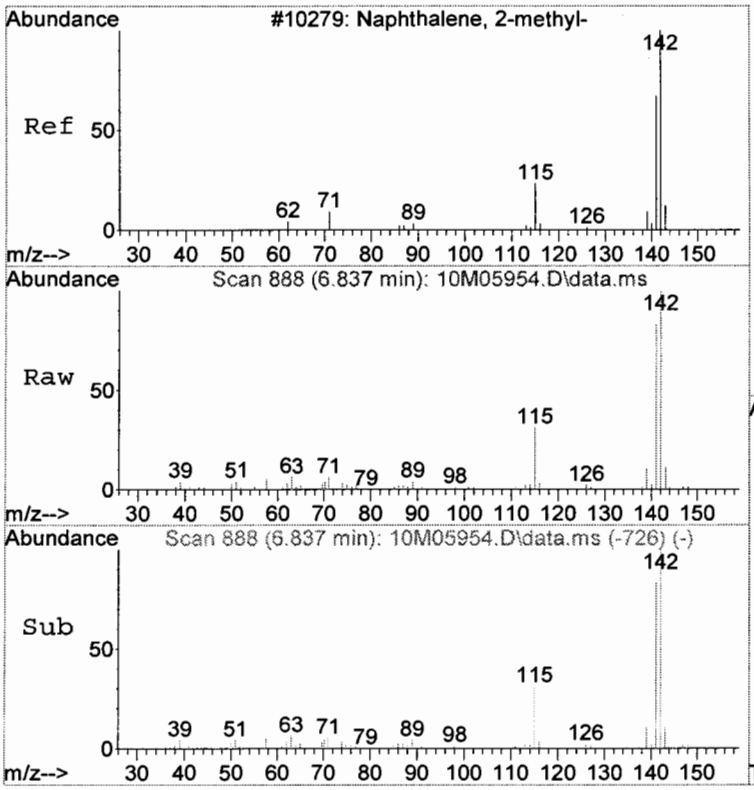


#33
Naphthalene
Concen: 33.53 ng
RT: 6.323 min Scan# 792
Delta R.T. -0.053 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:128 Resp: 247089

Ion	Ratio	Lower	Upper
128	100		
129	11.2	0.0	50.9
127	12.4	0.0	52.4

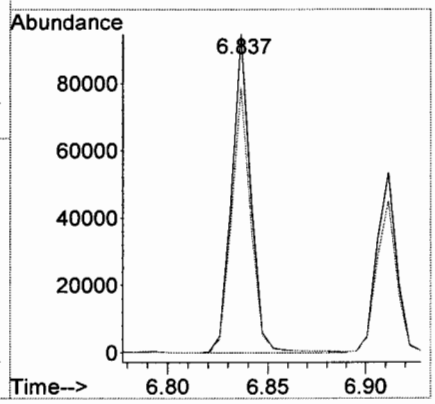


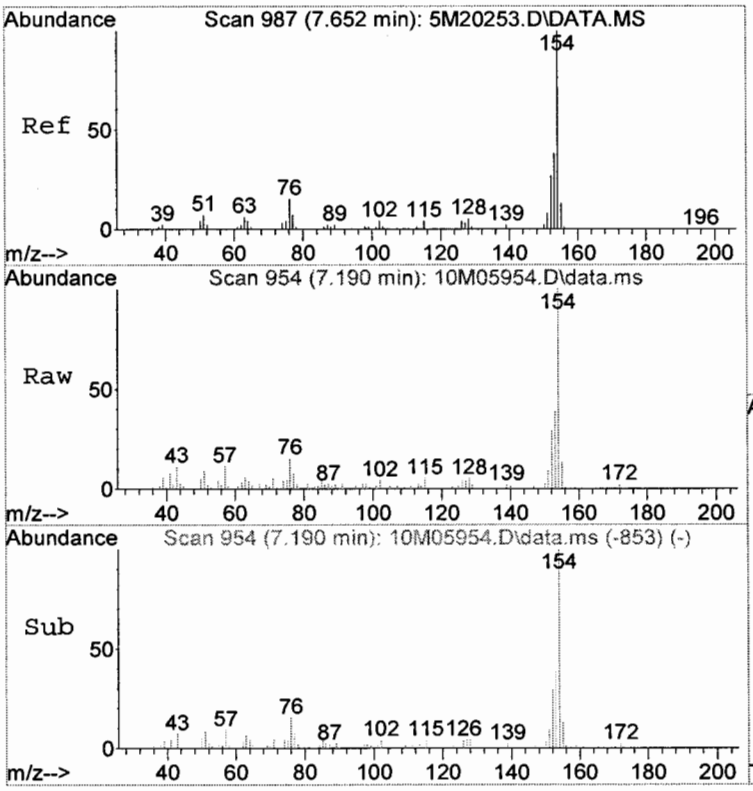


#38
2-Methylnaphthalene
Concen: 12.51 ng
RT: 6.837 min Scan# 888
Delta R.T. -0.059 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:142 Resp: 62992

Ion	Ratio	Lower	Upper
142	100		
141	83.3	44.6	124.6

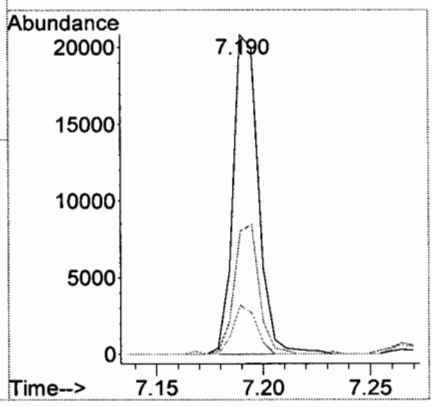


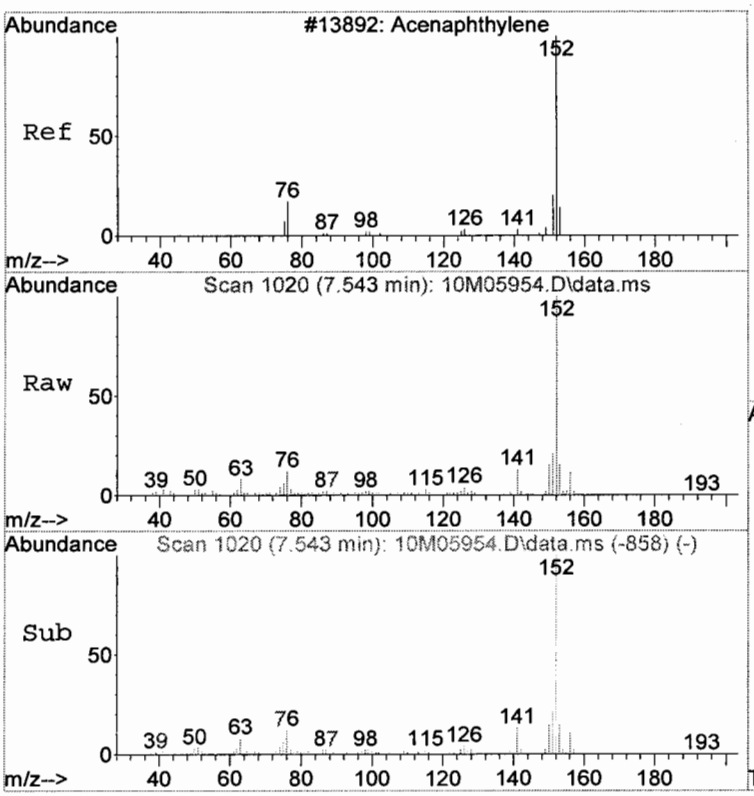


#40
1,1'-Biphenyl
Concen: 2.59 ng
RT: 7.190 min Scan# 954
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:154 Resp: 17384

Ion	Ratio	Lower	Upper
154	100		
153	38.5	19.2	59.2
76	15.3	0.5	40.5

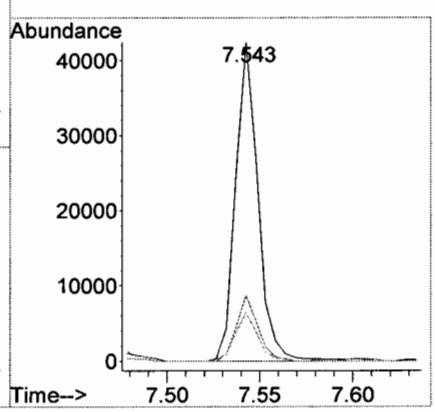


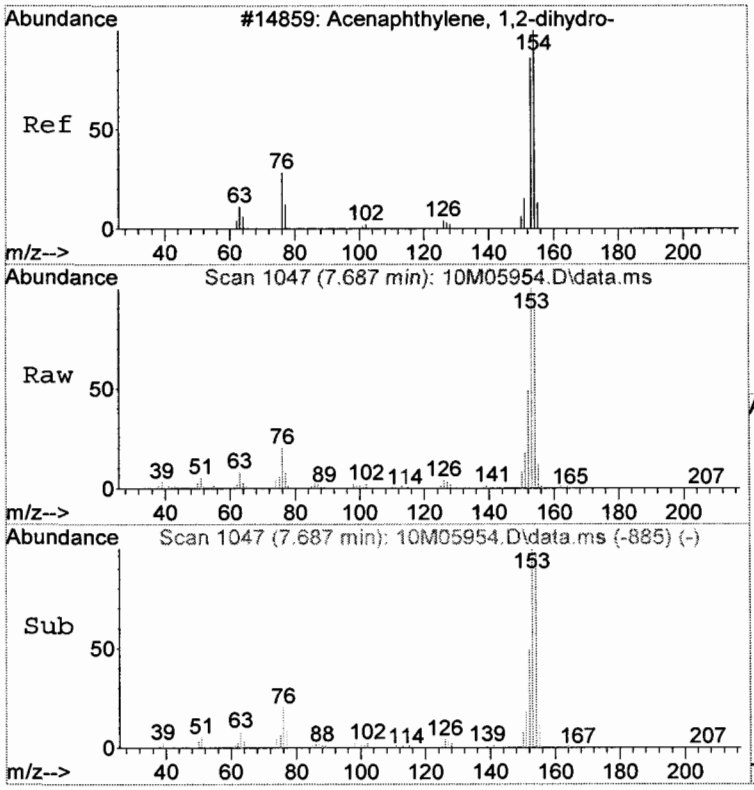


#52
Acenaphthylene
Concen: 4.52 ng
RT: 7.543 min Scan# 1020
Delta R.T. -0.059 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:152 Resp: 36170

Ion	Ratio	Lower	Upper
152	100		
151	20.6	0.0	59.2
153	15.1	0.0	53.2

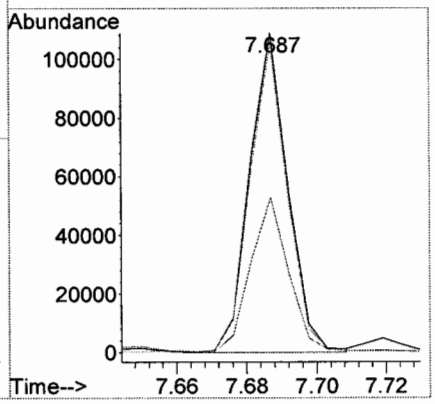


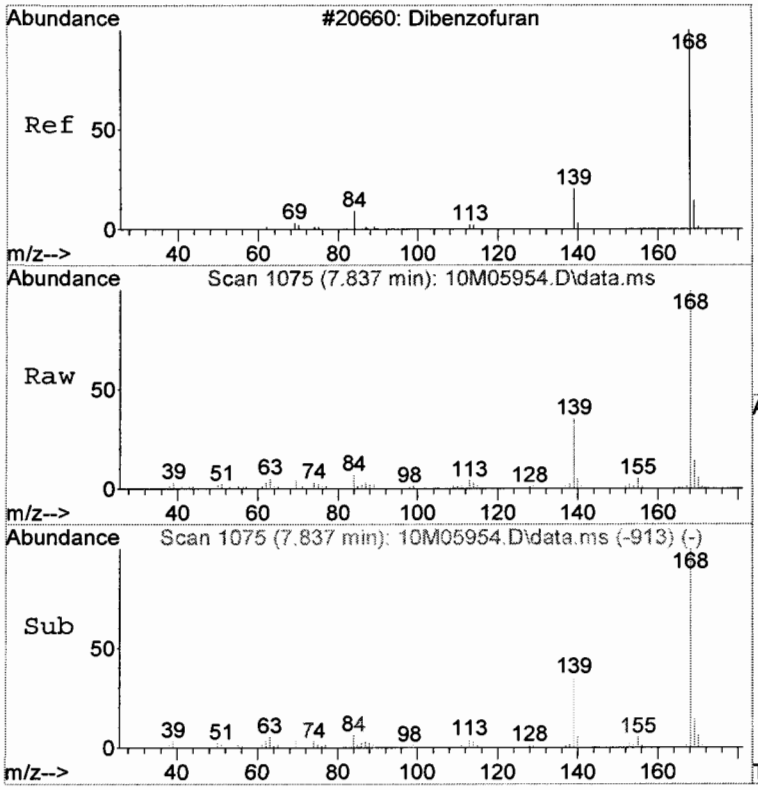


#55
Acenaphthene
Concen: 17.53 ng
RT: 7.687 min Scan# 1047
Delta R.T. -0.059 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:153 Resp: 81626

Ion	Ratio	Lower	Upper
153	100		
152	48.4	10.0	90.0
154	96.7	57.5	137.5

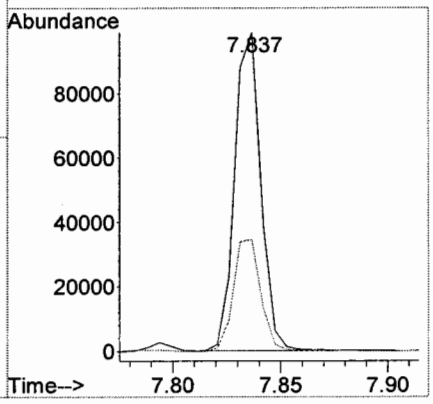


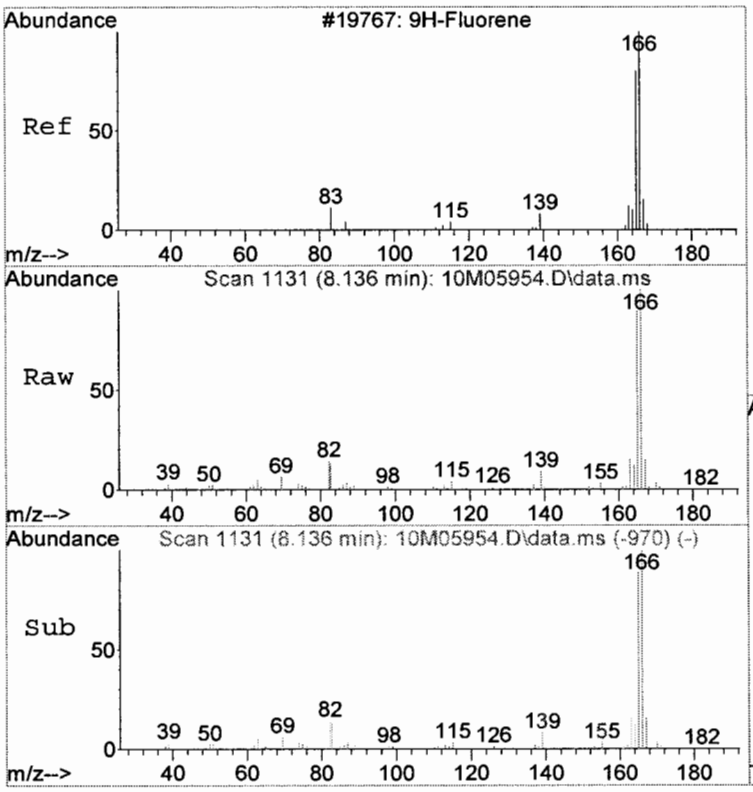


#58
Dibenzofuran
Concen: 12.06 ng
RT: 7.837 min Scan# 1075
Delta R.T. -0.059 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:168 Resp: 83236

Ion	Ratio	Lower	Upper
168	100		
139	35.1	0.0	246.0

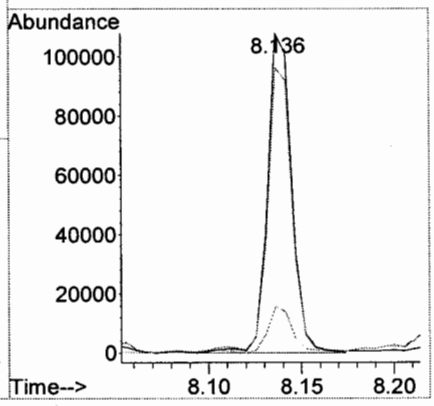


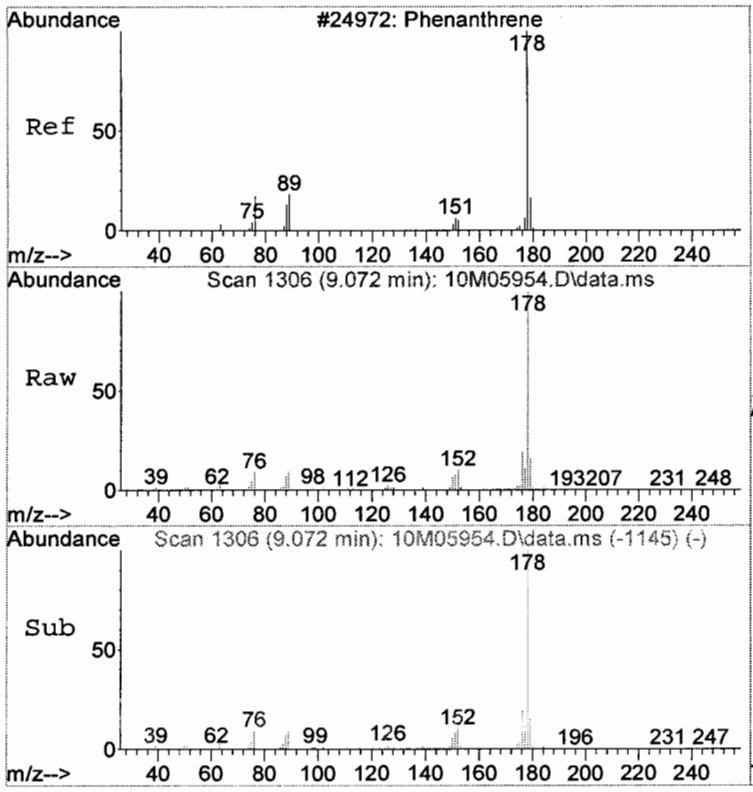


#62
Fluorene
Concen: 17.18 ng
RT: 8.136 min Scan# 1131
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:166 Resp: 97375

Ion	Ratio	Lower	Upper
166	100		
165	88.8	0.0	292.6
167	14.5	0.0	213.2

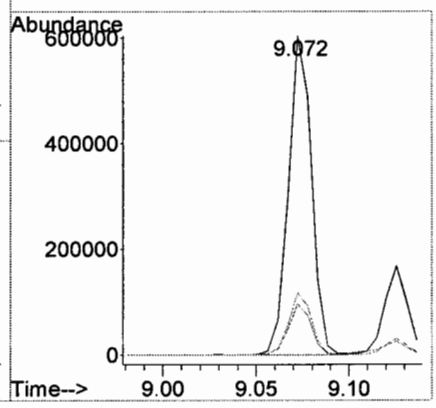


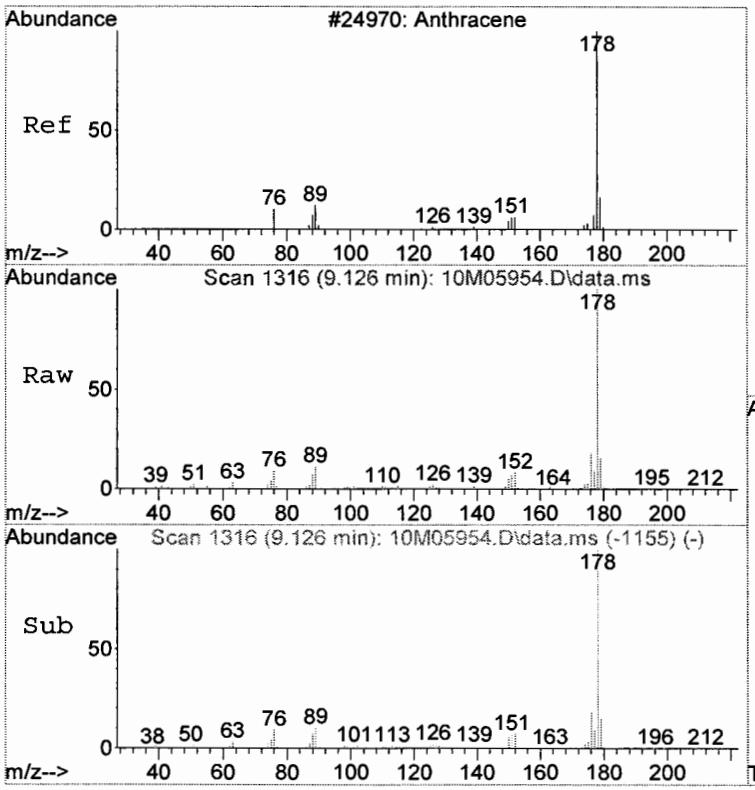


#76
Phenanthrene
Concen: 70.49 ng
RT: 9.072 min Scan# 1306
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:178 Resp: 519736

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	55.5
176	19.3	0.0	59.3

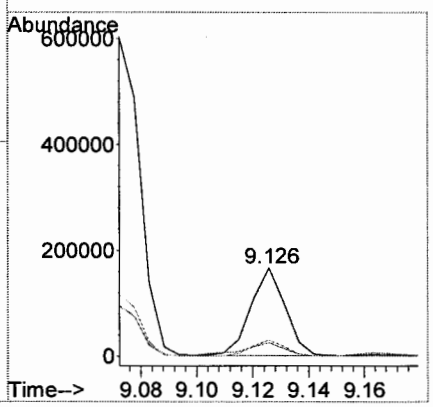


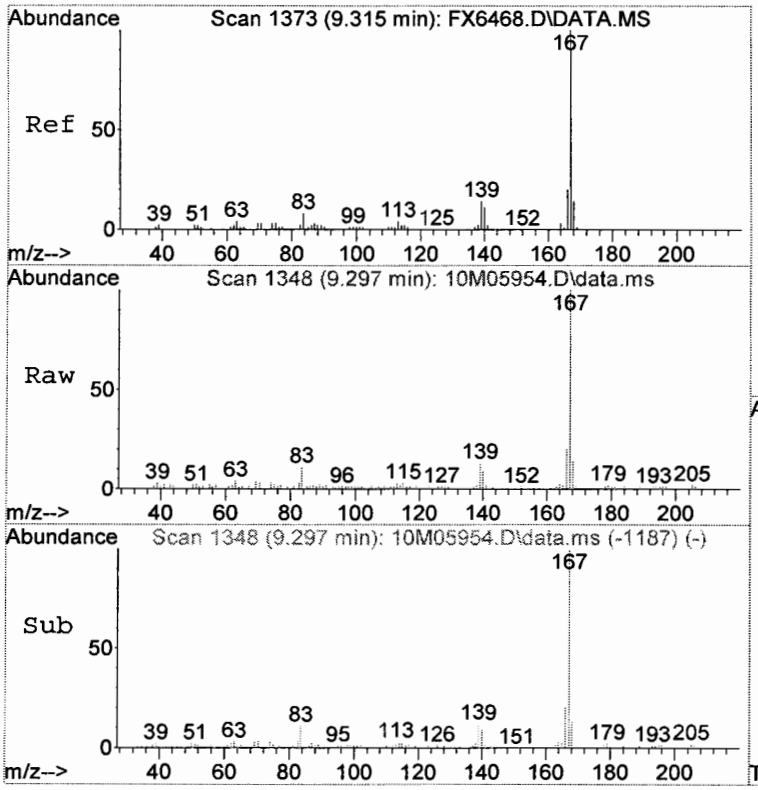


#77
Anthracene
Concen: 17.82 ng
RT: 9.126 min Scan# 1316
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:178 Resp: 142004

Ion	Ratio	Lower	Upper
178	100		
179	14.5	0.0	55.2
176	18.1	0.0	58.1

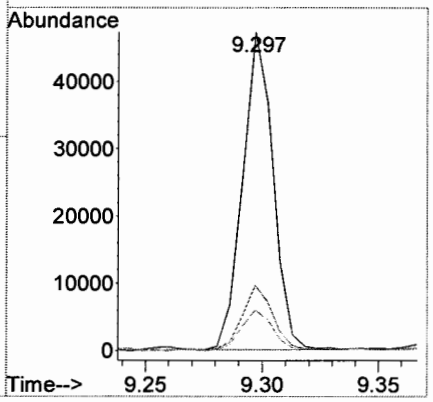


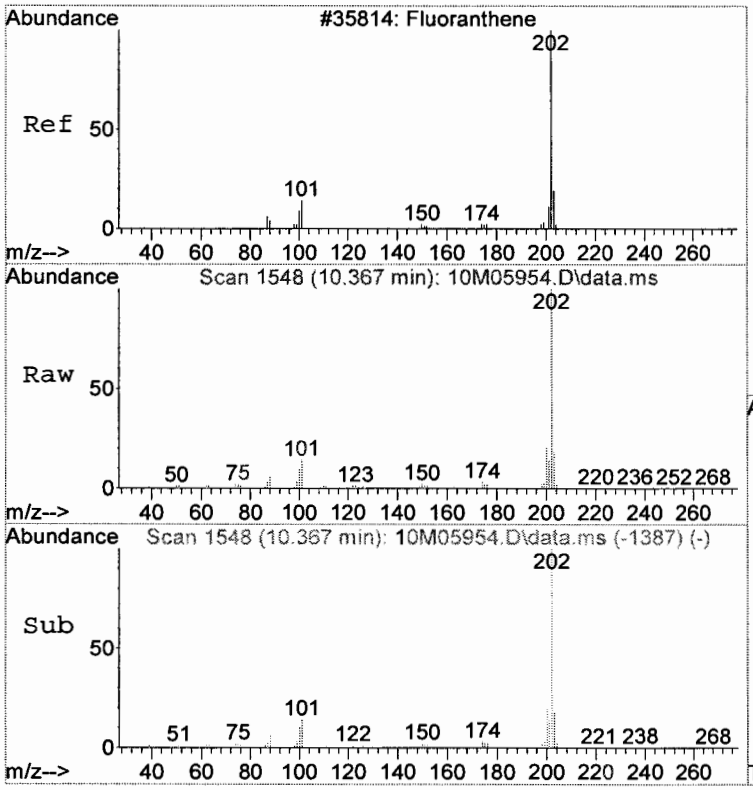


#78
Carbazole
Concen: 5.49 ng
RT: 9.297 min Scan# 1348
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:167 Resp: 42673

Ion	Ratio	Lower	Upper
167	100		
166	20.0	0.2	40.2
139	12.3	0.0	35.0

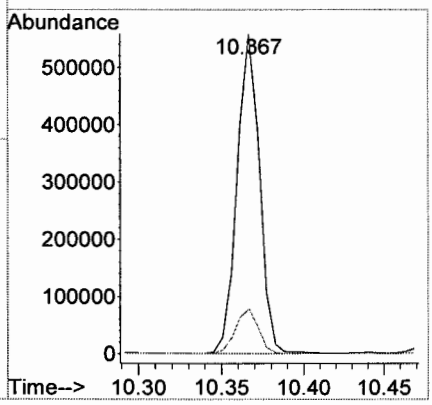


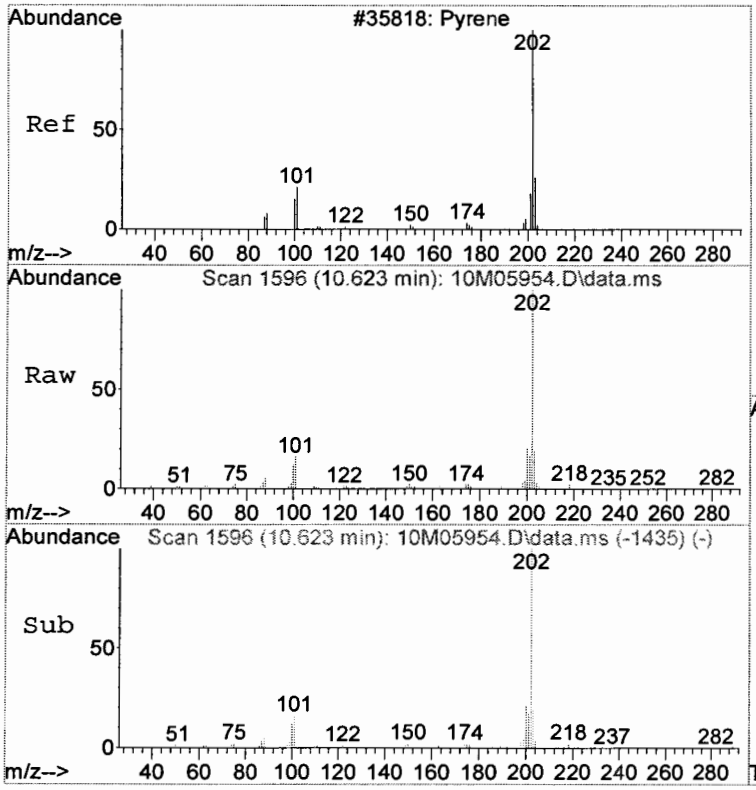


#80
Fluoranthene
Concen: 65.30 ng
RT: 10.367 min Scan# 1548
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:202 Resp: 529199

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	57.6

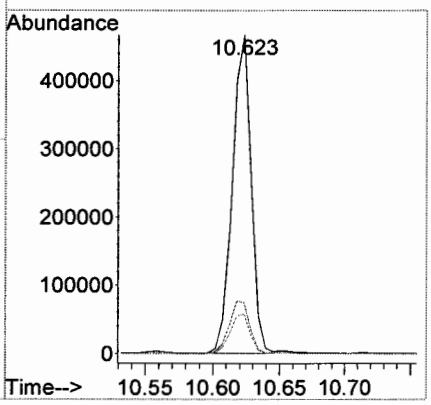


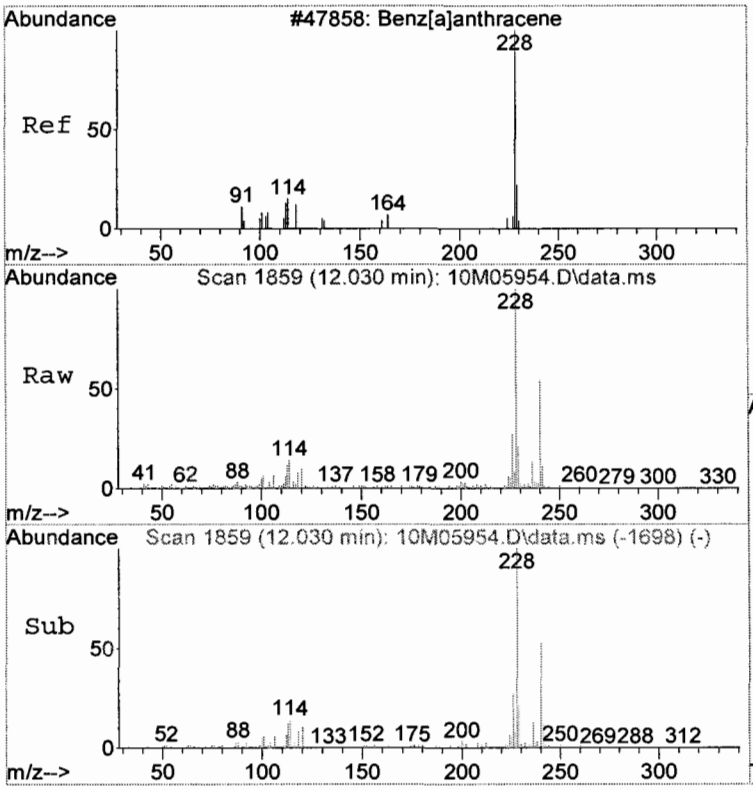


#82
Pyrene
Concen: 50.33 ng
RT: 10.623 min Scan# 1596
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:202 Resp: 458167

Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	62.2
100	12.3	0.0	57.8

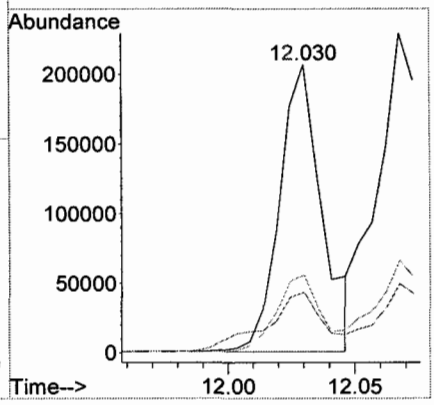


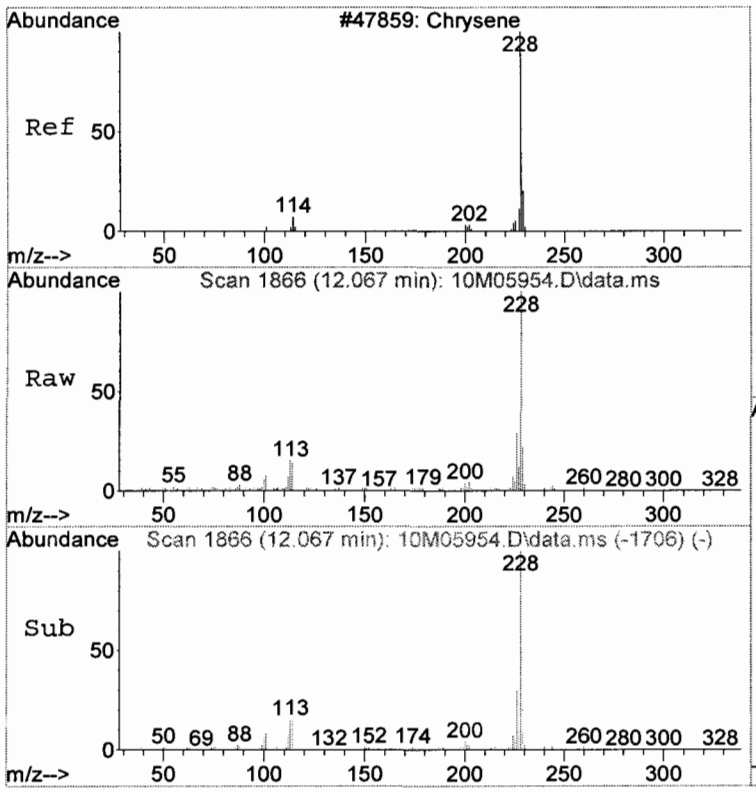


#93
Benzo[a]anthracene
Concen: 27.26 ng
RT: 12.030 min Scan# 1859
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:228 Resp: 237261

Ion	Ratio	Lower	Upper
228	100		
229	20.4	0.0	59.5
226	26.9	0.0	66.0

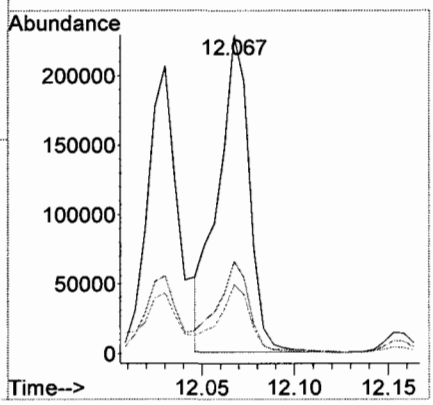


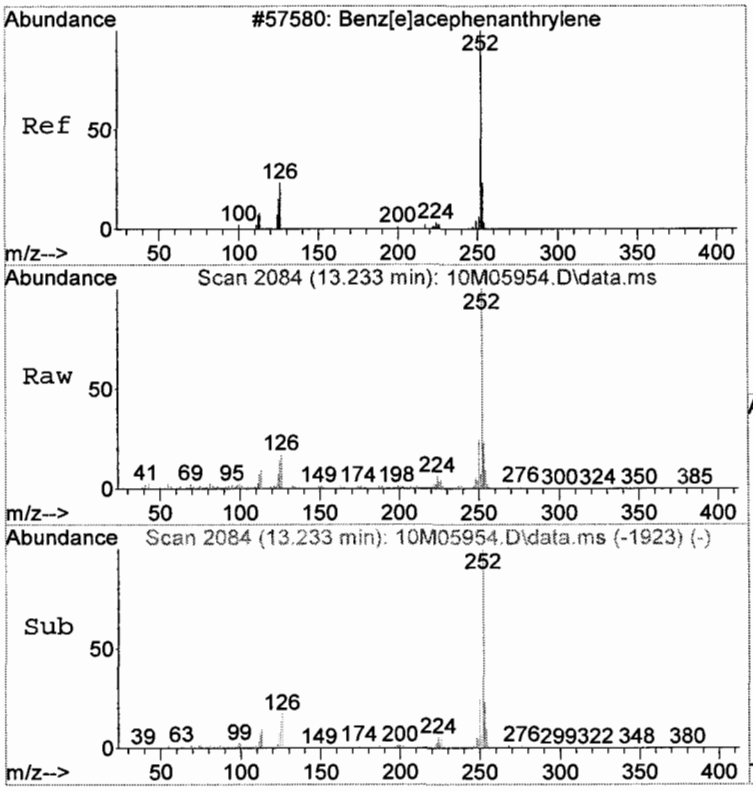


#94
Chrysene
Concen: 32.38 ng
RT: 12.067 min Scan# 1866
Delta R.T. -0.069 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:228 Resp: 270886

Ion	Ratio	Lower	Upper
228	100		
226	28.8	9.5	49.5
229	21.2	0.0	60.2

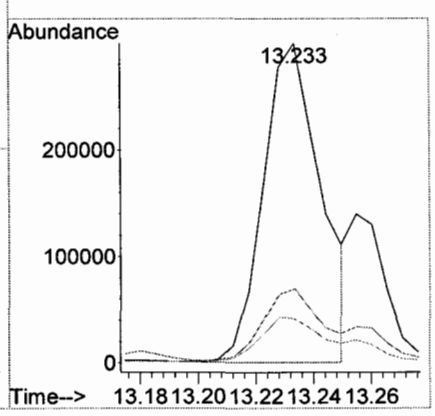


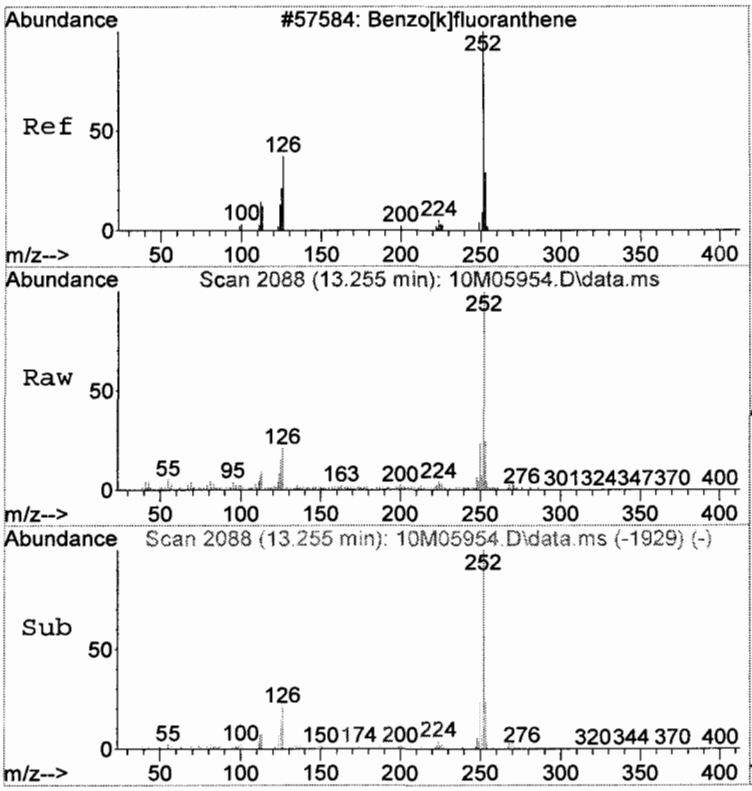


#98
Benzo[b]fluoranthene
Concen: 49.09 ng m
RT: 13.233 min Scan# 2084
Delta R.T. -0.064 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:252 Resp: 417432

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	62.3
125	13.7	0.0	58.4

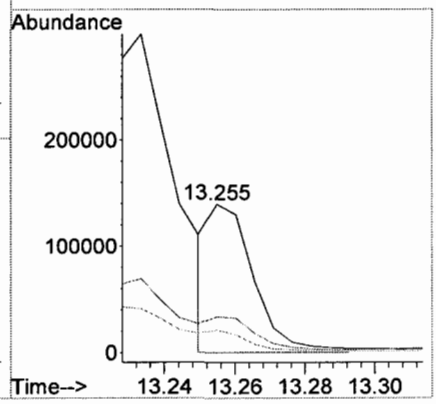


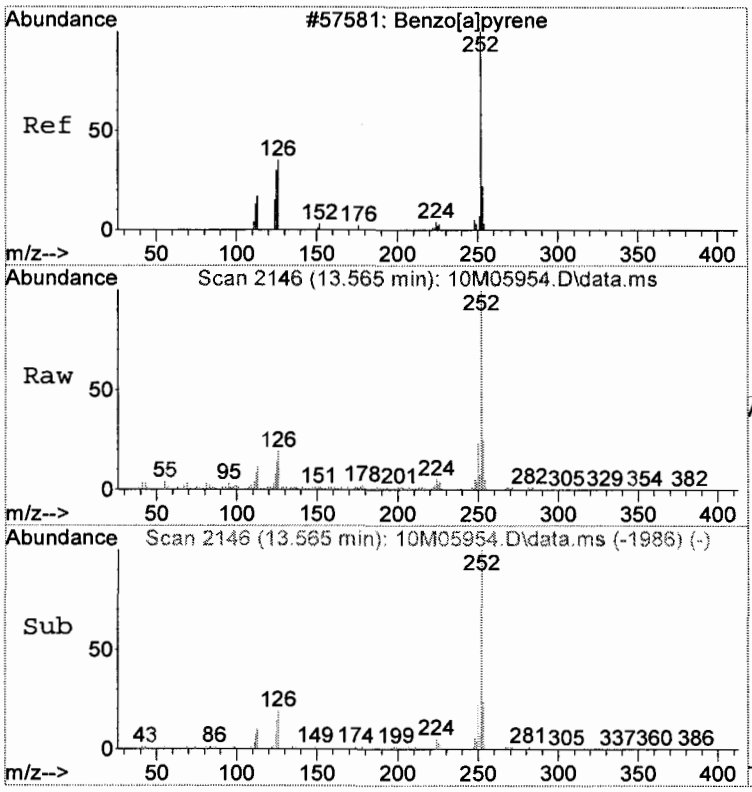


#99
Benzo[k]fluoranthene
Concen: 14.20 ng m
RT: 13.255 min Scan# 2088
Delta R.T. -0.075 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:252 Resp: 122811

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	62.2
125	15.2	0.0	58.9

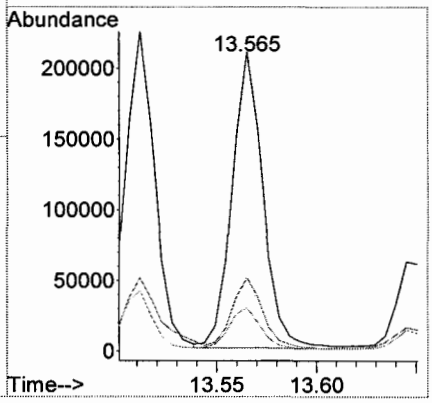


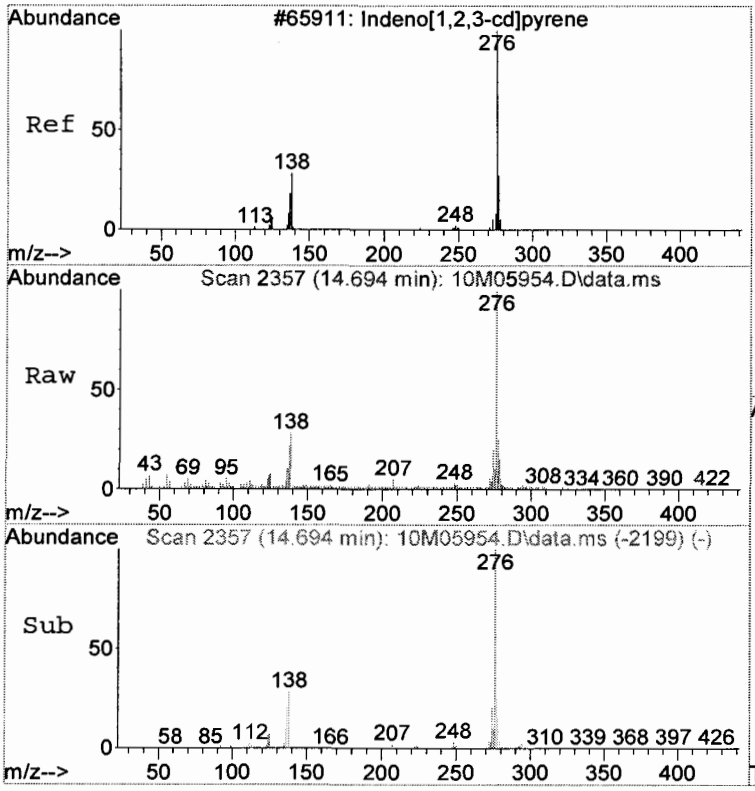


#100
Benzo[a]pyrene
Concen: 27.97 ng
RT: 13.565 min Scan# 2146
Delta R.T. -0.069 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:252 Resp: 225136

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	62.4
125	13.6	0.0	60.9

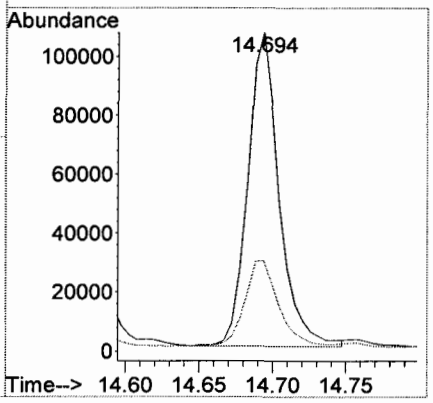


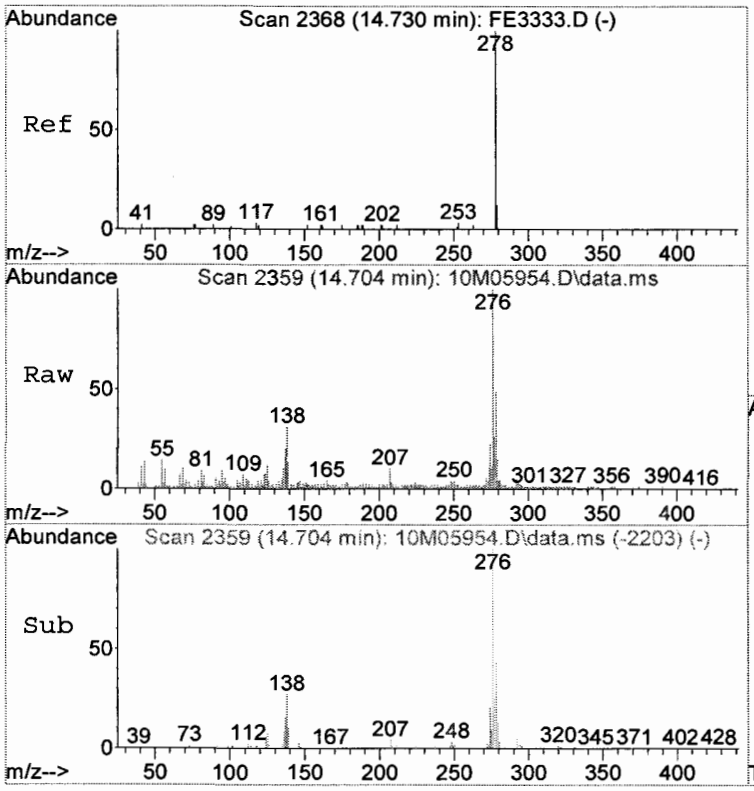


#101
Indeno[1,2,3-cd]pyrene
Concen: 17.20 ng
RT: 14.694 min Scan# 2357
Delta R.T. -0.080 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:276 Resp: 157384

Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	78.9

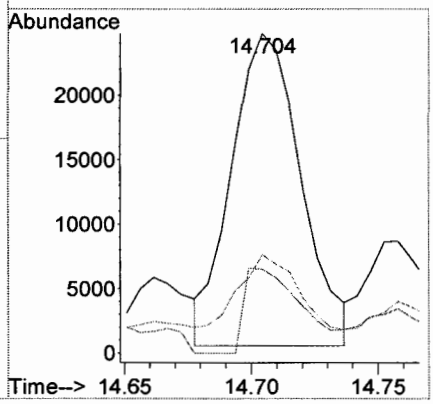


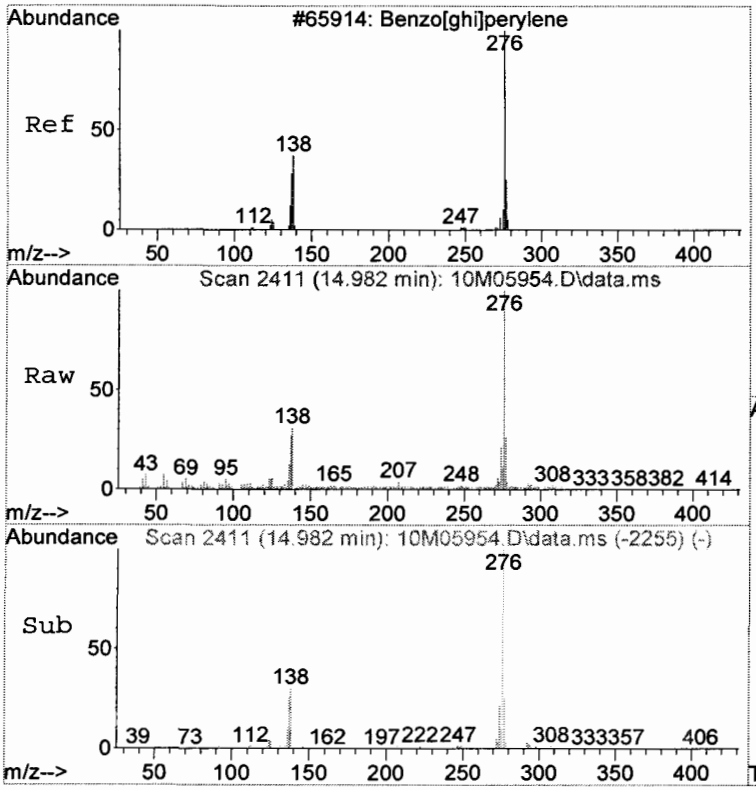


#102
Dibenzo[a,h]anthracene
Concen: 6.17 ng
RT: 14.704 min Scan# 2359
Delta R.T. -0.091 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:278 Resp: 45870

Ion	Ratio	Lower	Upper
278	100		
139	31.3	0.0	72.0
279	27.7	0.0	63.9

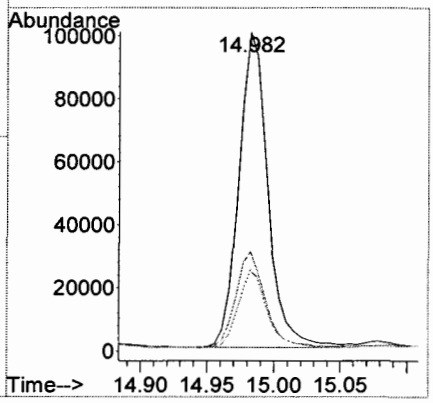




#103
Benzo[g,h,i]perylene
Concen: 19.53 ng
RT: 14.982 min Scan# 2411
Delta R.T. -0.086 min
Lab File: 10M05954.D
Acq: 17 Jul 2009 11:53

Tgt Ion:276 Resp: 150905

Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	140.0
277	25.7	0.0	120.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-003
Client Id: 1-30-185-SB03
Data File: 10M05961.D
Analysis Date: 07/17/09 14:29
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	50-32-8	Benzo[a]pyrene	0.069	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	205-99-2	Benzo[b]fluoranthene	0.069	U
120-82-1	1,2,4-Trichlorobenzene	0.069	U	191-24-2	Benzo[g,h,i]perylene	0.069	U
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.34	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	2,4-Dimethylphenol	0.069	U	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.34	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	2,4-Dinitrotoluene	0.069	U	85-68-7	Butylbenzylphthalate	0.069	U
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	86-74-8	Carbazole	0.069	U
95-57-8	2-Chlorophenol	0.069	U	218-01-9	Chrysene	0.069	U
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	2-Methylphenol	0.069	U	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.069	U
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	86-73-7	Fluorene	0.069	U
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	4-Chloro-3-methylphenol	0.069	U	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.069	U
100-02-7	4-Nitrophenol	0.069	U	78-59-1	Isophorone	0.069	U
83-32-9	Acenaphthene	0.069	U	91-20-3	Naphthalene	0.069	U
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	621-64-7	N-Nitroso-di-n-propylamine	0.069	U
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	87-86-5	Pentachlorophenol	0.34	U
100-52-7	Benzaldehyde	0.069	U	85-01-8	Phenanthrene	0.069	U
92-87-5	Benzidine	0.34	U	108-95-2	Phenol	0.069	U
56-55-3	Benzo[a]anthracene	0.069	U	129-00-0	Pyrene	0.069	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC45774-003 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05961.D Sam Mult : 1 Vial# : 15 Qt On : 07/17/09 14:44
Acq On : 07/17/09 14:29 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

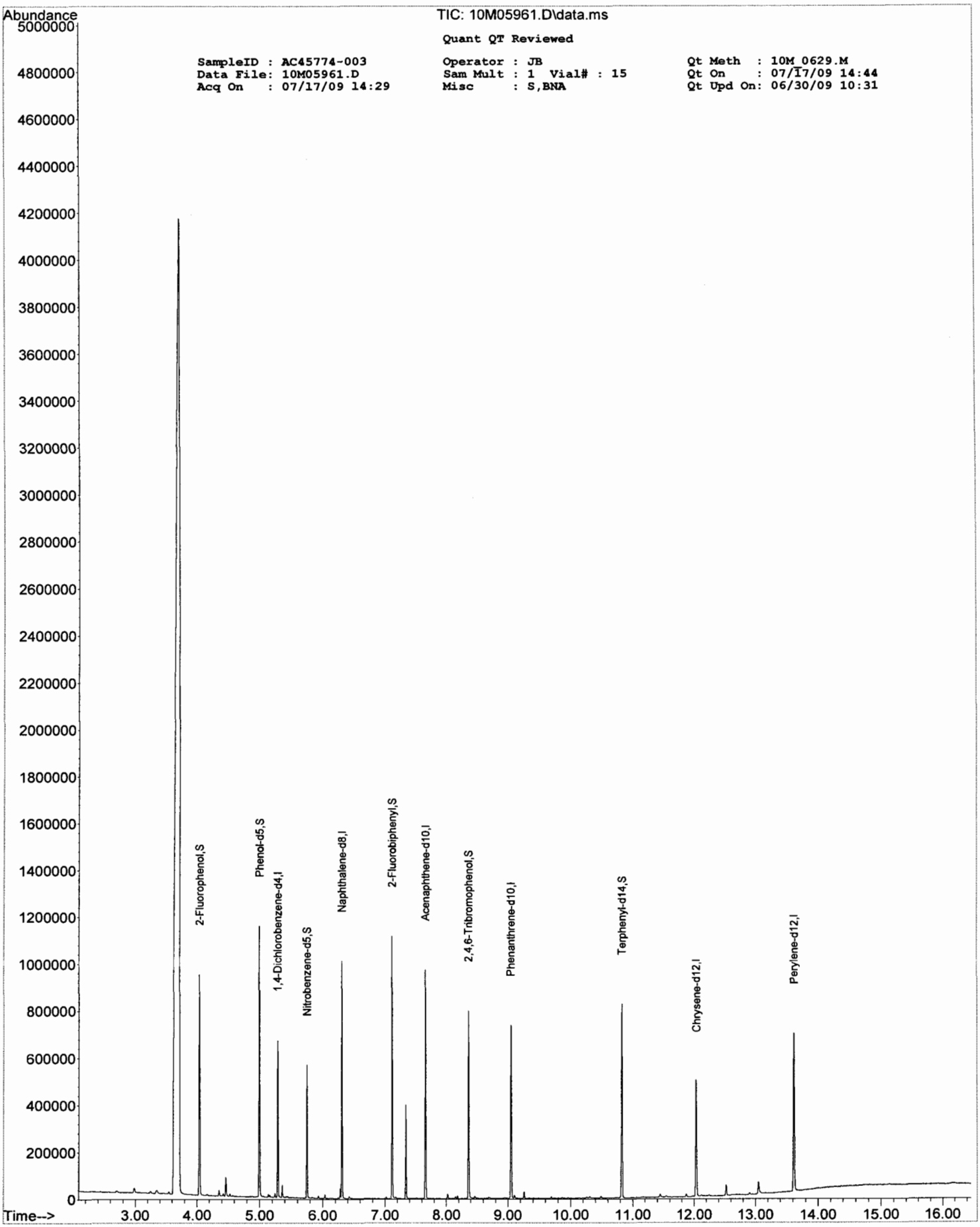
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.285	152	90756	40.00	ng	-0.06
23) Naphthalene-d8	6.307	136	329509	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	175207	40.00	ng	-0.06
67) Phenanthrene-d10	9.046	188	267863	40.00	ng	-0.07
81) Chrysene-d12	12.035	240	204391	40.00	ng	-0.07
96) Perylene-d12	13.619	264	255496	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	249883	84.95	ng	-0.05
Spiked Amount 100.000			Recovery = 84.95%			
9) Phenol-d5	4.997	99	312260	79.80	ng	-0.04
Spiked Amount 100.000			Recovery = 79.80%			
24) Nitrobenzene-d5	5.751	128	65695	45.97	ng	-0.05
Spiked Amount 50.000			Recovery = 91.94%			
46) 2-Fluorobiphenyl	7.115	172	277280	46.83	ng	-0.06
Spiked Amount 50.000			Recovery = 93.66%			
70) 2,4,6-Tribromophenol	8.361	330	93557	108.96	ng	-0.06
Spiked Amount 100.000			Recovery = 108.96%			
84) Terphenyl-d14	10.827	244	283228	50.37	ng	-0.06
Spiked Amount 50.000			Recovery = 100.74%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TIC: 10M05961.D\data.ms

Quant QT Reviewed

SampleID : AC45774-003 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05961.D Sam Mult : 1 Vial# : 15 Qt On : 07/17/09 14:44
Acq On : 07/17/09 14:29 Misc : S,BNA Qt Upd On: 06/30/09 10:31



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-004
Client Id: 1-30-185-SB04
Data File: 10M05960.D
Analysis Date: 07/17/09 14:07
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	**50-32-8**	**Benzo[a]pyrene**	**0.069**	**0.13**
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.069**	**0.19**
120-82-1	1,2,4-Trichlorobenzene	0.069	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.069**	**0.11**
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.34	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	2,4-Dimethylphenol	0.069	U	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.34	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	2,4-Dinitrotoluene	0.069	U	85-68-7	Butylbenzylphthalate	0.069	U
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	86-74-8	Carbazole	0.069	U
95-57-8	2-Chlorophenol	0.069	U	**218-01-9**	**Chrysene**	**0.069**	**0.14**
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	2-Methylphenol	0.069	U	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	**206-44-0**	**Fluoranthene**	**0.069**	**0.34**
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	86-73-7	Fluorene	0.069	U
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	4-Chloro-3-methylphenol	0.069	U	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.069**	**0.088**
100-02-7	4-Nitrophenol	0.069	U	78-59-1	Isophorone	0.069	U
83-32-9	Acenaphthene	0.069	U	91-20-3	Naphthalene	0.069	U
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	621-64-7	N-Nitroso-di-n-propylamine	0.069	U
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	87-86-5	Pentachlorophenol	0.34	U
100-52-7	Benzaldehyde	0.069	U	**85-01-8**	**Phenanthrene**	**0.069**	**0.18**
92-87-5	Benzidine	0.34	U	108-95-2	Phenol	0.069	U
56-55-3	**Benzo[a]anthracene**	**0.069**	**0.13**	**129-00-0**	**Pyrene**	**0.069**	**0.25**

Worksheet #: 123973

Total Target Concentration 1.6

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

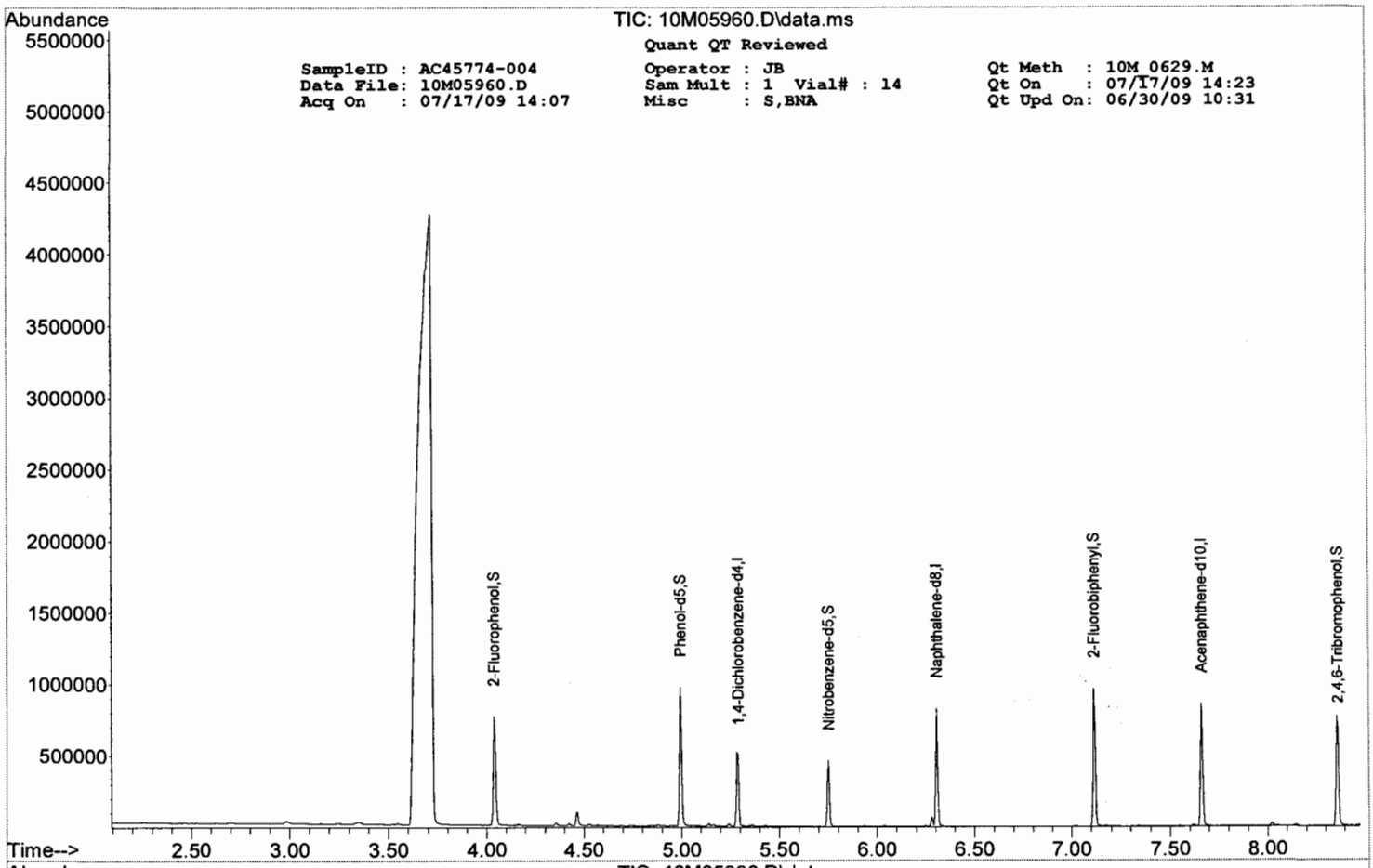
Quantitation Report (QT Reviewed)

SampleID : AC45774-004 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05960.D Sam Mult : 1 Vial# : 14 Qt On : 07/17/09 14:23
Acq On : 07/17/09 14:07 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	72861	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	269664	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	151983	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	250185	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	232687	40.00	ng	-0.07
96) Perylene-d12	13.619	264	273234	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	206028	87.25	ng	-0.05
Spiked Amount 100.000			Recovery = 87.25%			
9) Phenol-d5	4.997	99	263487	83.88	ng	-0.04
Spiked Amount 100.000			Recovery = 83.88%			
24) Nitrobenzene-d5	5.751	128	54691	46.77	ng	-0.05
Spiked Amount 50.000			Recovery = 93.54%			
46) 2-Fluorobiphenyl	7.115	172	234877	45.73	ng	-0.06
Spiked Amount 50.000			Recovery = 91.46%			
70) 2,4,6-Tribromophenol	8.366	330	89966	112.18	ng	-0.06
Spiked Amount 100.000			Recovery = 112.18%			
84) Terphenyl-d14	10.827	244	310782	48.55	ng	-0.06
Spiked Amount 50.000			Recovery = 97.10%			
Target Compounds						Qvalue
76) Phenanthrene	9.072	178	38582	5.19	ng	99
80) Fluoranthene	10.367	202	74728	9.95	ng	92
82) Pyrene	10.618	202	59761	7.18	ng	95
93) Benzo[a]anthracene	12.025	228	29274	3.68	ng	99
94) Chrysene	12.067	228	31977	4.18	ng	98
98) Benzo[b]fluoranthene	13.223	252	45019	5.65	ng	95
100) Benzo[a]pyrene	13.560	252	27855	3.70	ng	94
101) Indeno[1,2,3-cd]pyrene	14.683	276	21837	2.55	ng	82
103) Benzo[g,h,i]perylene	14.972	276	22174	3.06	ng	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : AC45774-004
Data File: 10M05960.D
Acq On : 07/17/09 14:07
Operator : JB
Sam Mult : 1 Vial# : 14
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 14:23
Qt Upd On: 06/30/09 10:31
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
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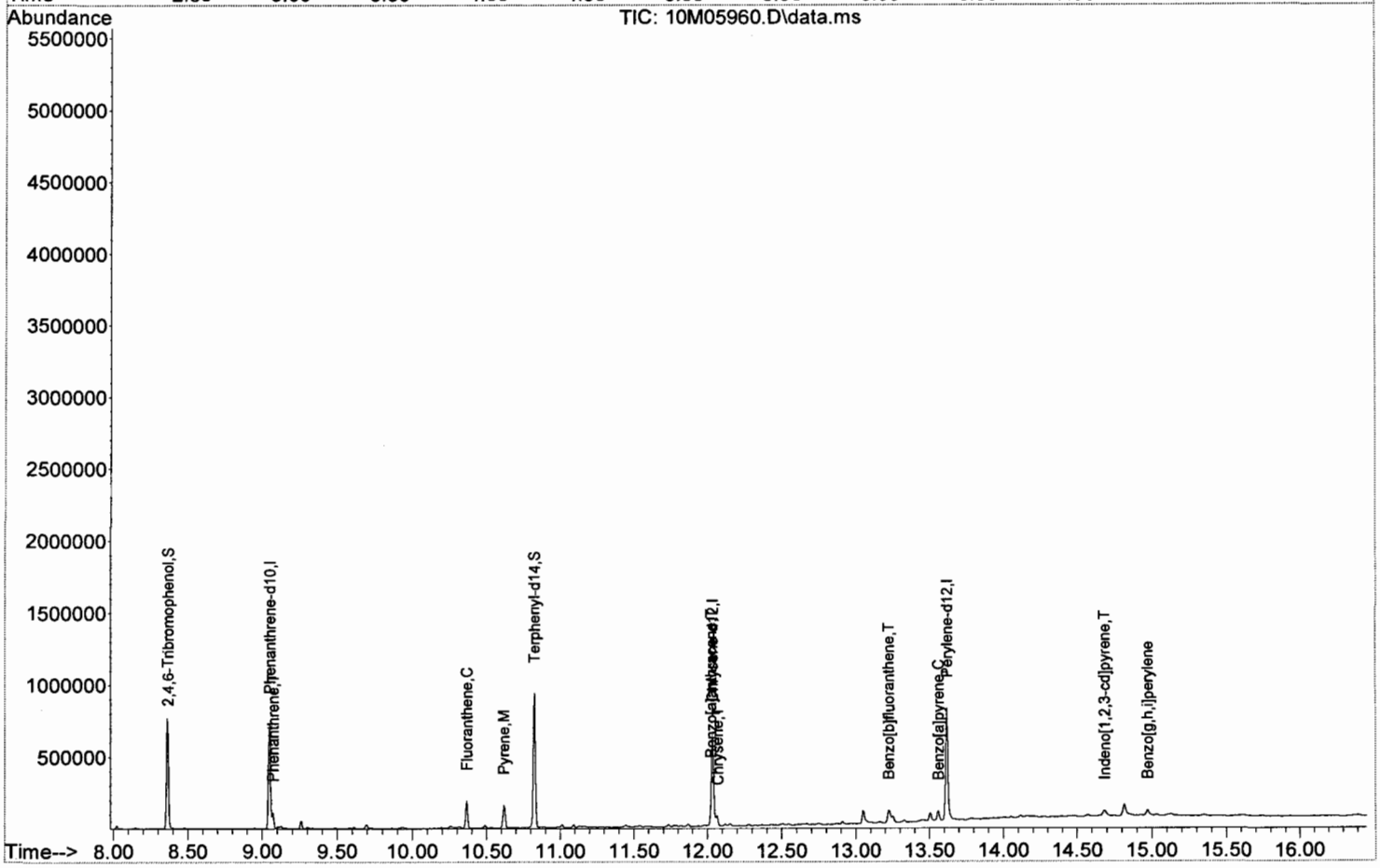
8.00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5000000
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2500000
2000000
1500000
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500000
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Chrysene-d12,I
Benzo[b]fluoranthene,T
Benzo[a]pyrene-d12,I
Indeno[1,2,3-cd]pyrene,T
Benzo[g,h,i]perylene
Time-->
8.00
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9.00
9.50
10.00
10.50
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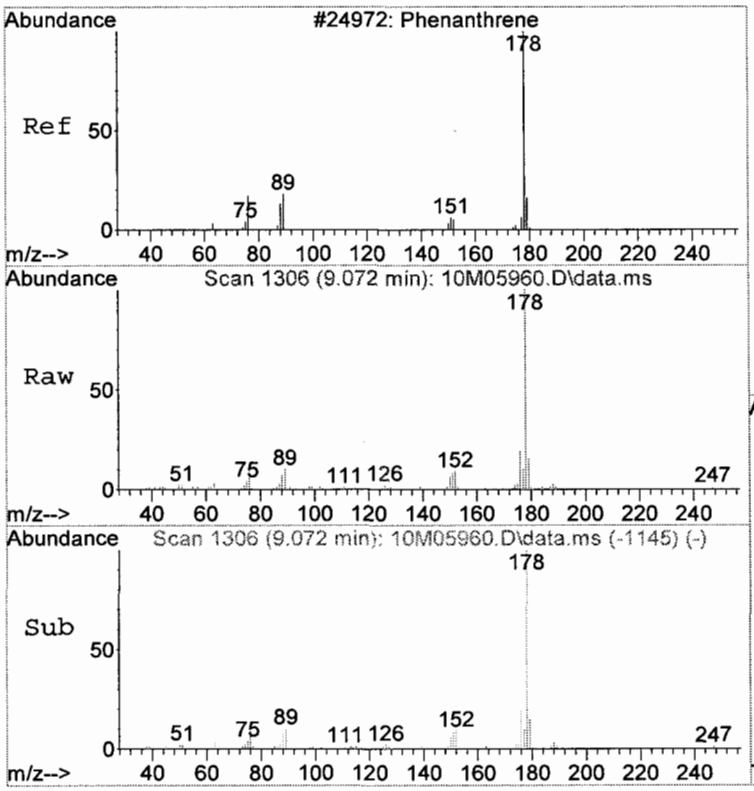
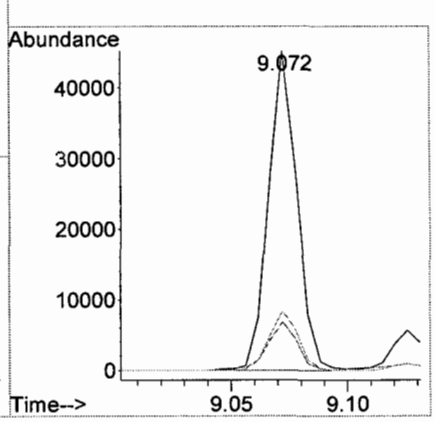
16.00

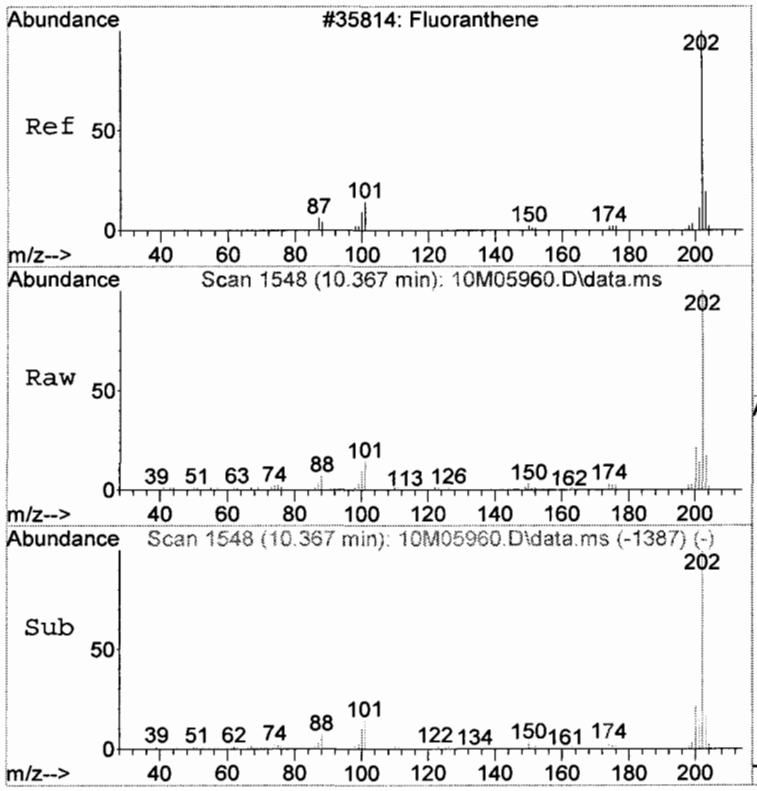


#76
Phenanthrene
Concen: 5.19 ng
RT: 9.072 min Scan# 1306
Delta R.T. -0.064 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:178 Resp: 38582

Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	55.5
176	18.6	0.0	59.3

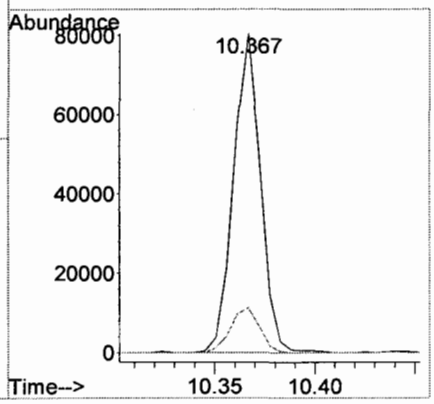


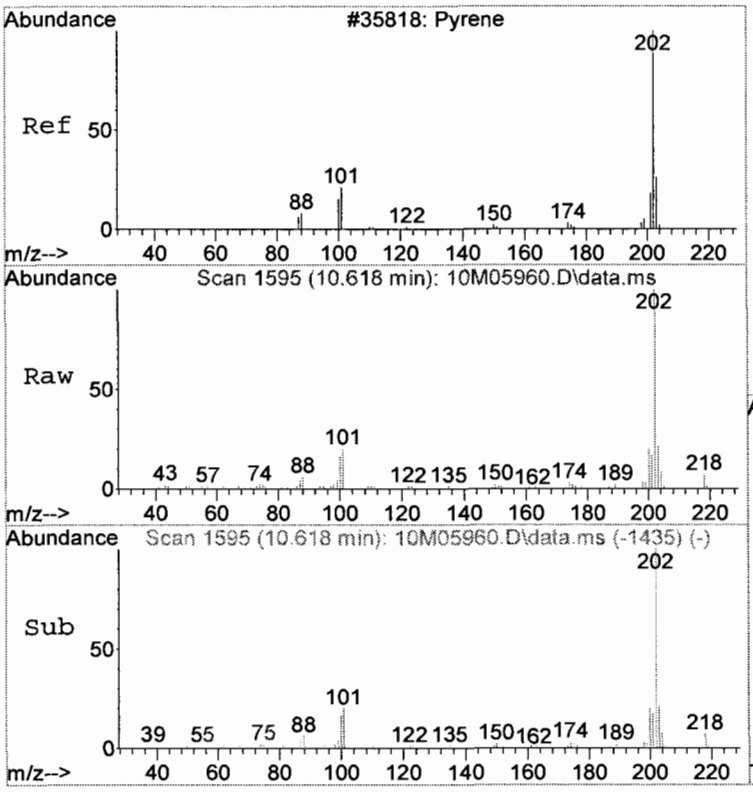


#80
Fluoranthene
Concen: 9.95 ng
RT: 10.367 min Scan# 1548
Delta R.T. -0.064 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:202 Resp: 74728

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	57.6

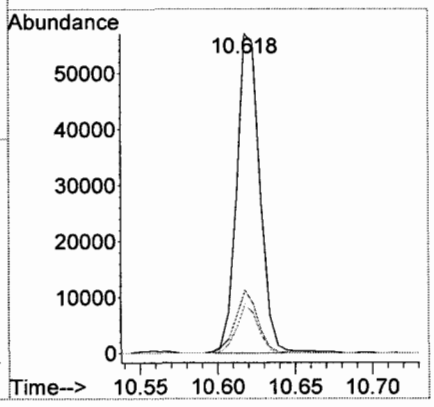


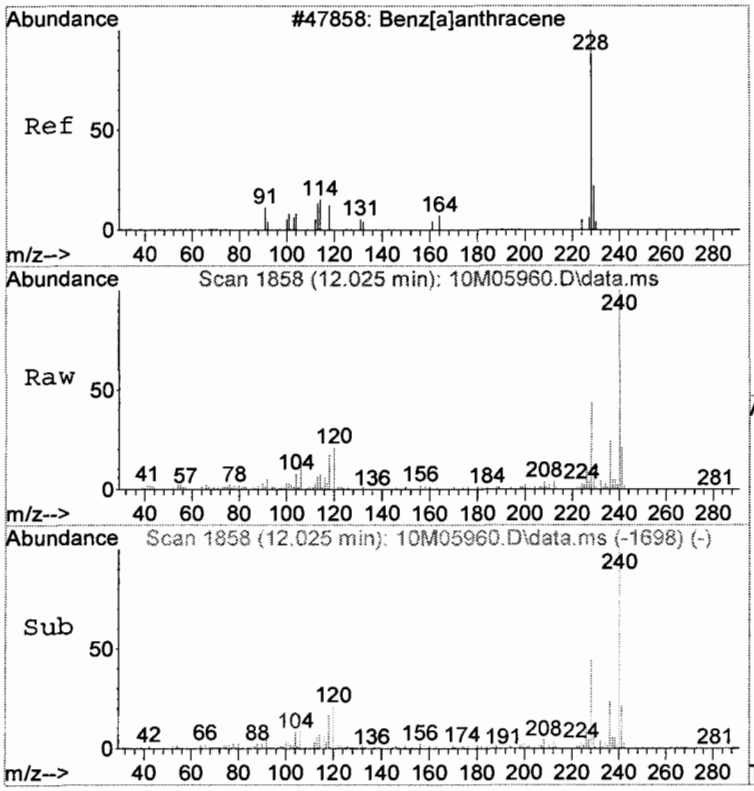


#82
Pyrene
Concen: 7.18 ng
RT: 10.618 min Scan# 1595
Delta R.T. -0.069 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:202 Resp: 59761

Ion	Ratio	Lower	Upper
202	100		
101	19.7	0.0	62.2
100	15.5	0.0	57.8

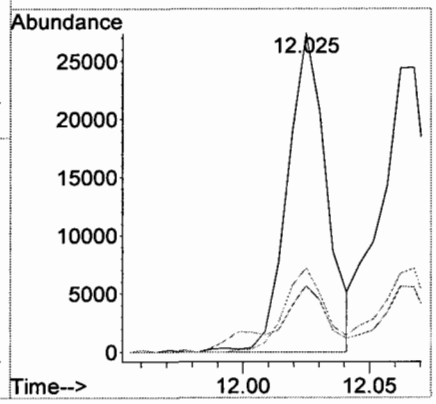


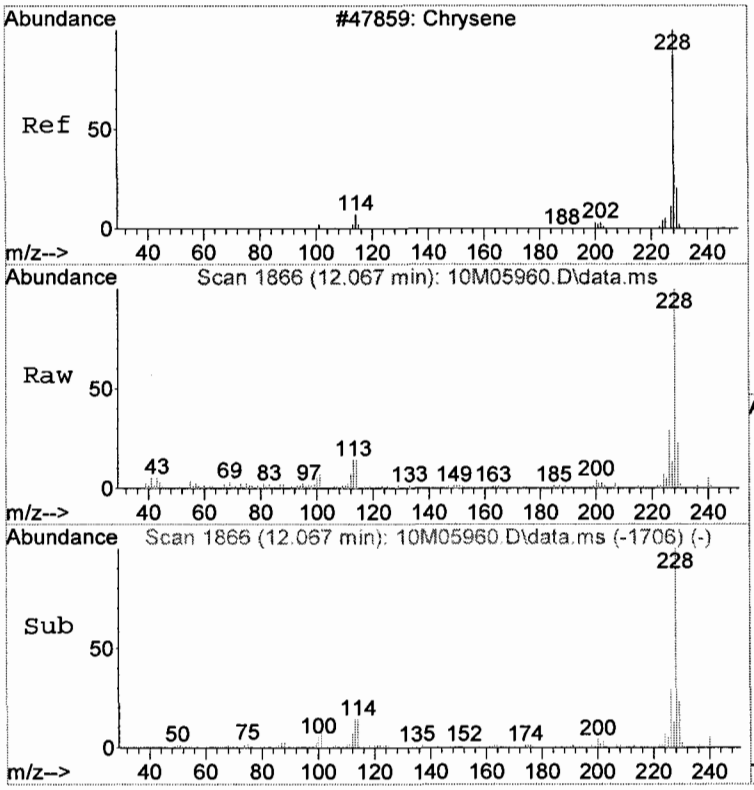


#93
Benzo[a]anthracene
Concen: 3.68 ng
RT: 12.025 min Scan# 1858
Delta R.T. -0.069 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:228 Resp: 29274

Ion	Ratio	Lower	Upper
228	100		
229	20.7	0.0	59.5
226	26.3	0.0	66.0

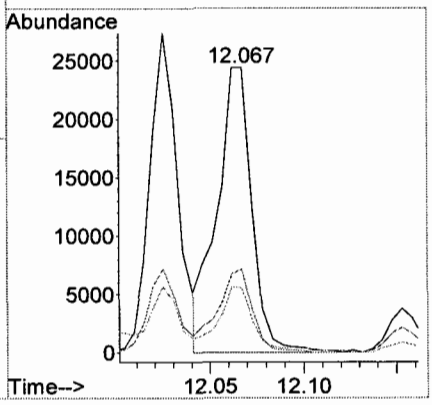


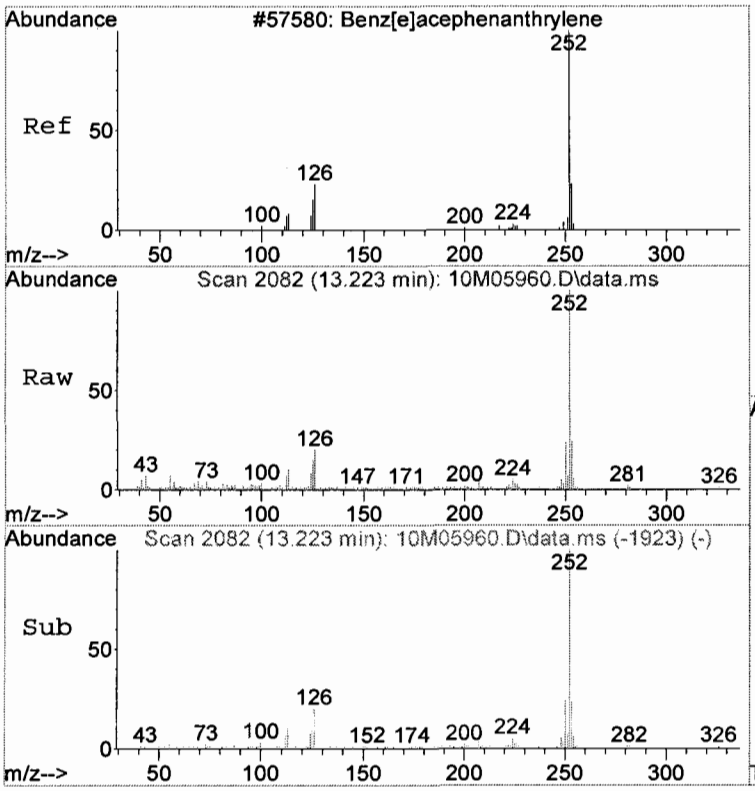


#94
Chrysene
Concen: 4.18 ng
RT: 12.067 min Scan# 1866
Delta R.T. -0.069 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:228 Resp: 31977

Ion	Ratio	Lower	Upper
228	100		
226	29.3	9.5	49.5
229	22.0	0.0	60.2

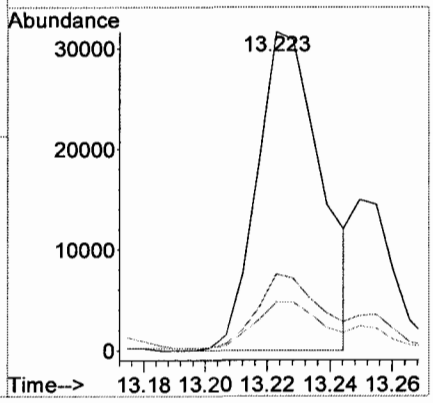


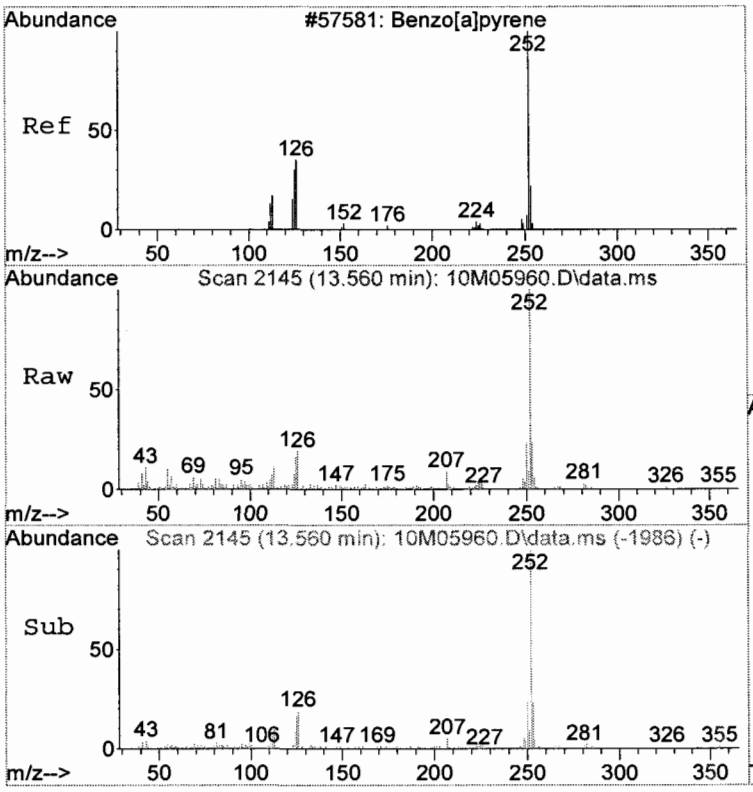


#98
Benzo[b]fluoranthene
Concen: 5.65 ng
RT: 13.223 min Scan# 2082
Delta R.T. -0.075 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:252 Resp: 45019

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	62.3
125	14.3	0.0	58.4

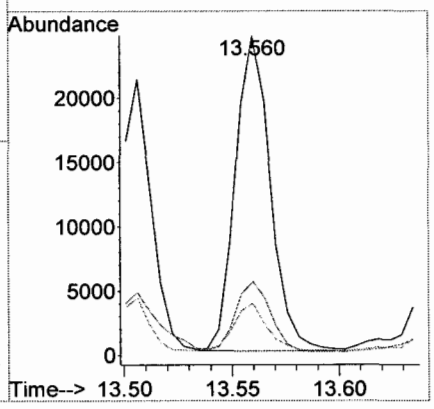


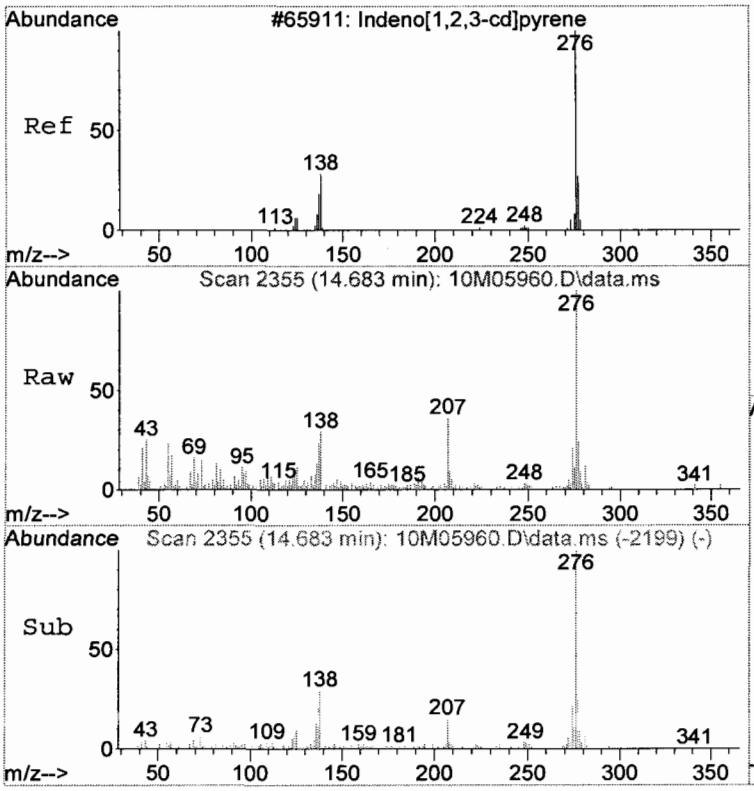


#100
Benzo[a]pyrene
Concen: 3.70 ng
RT: 13.560 min Scan# 2145
Delta R.T. -0.075 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:252 Resp: 27855

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	62.4
125	15.2	0.0	60.9

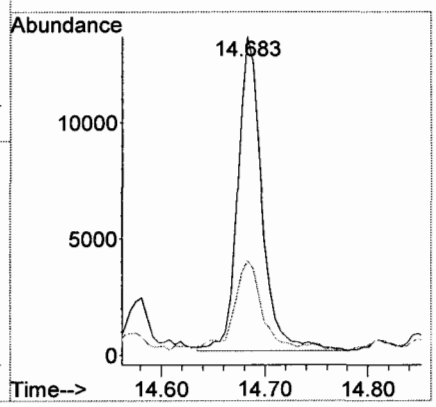


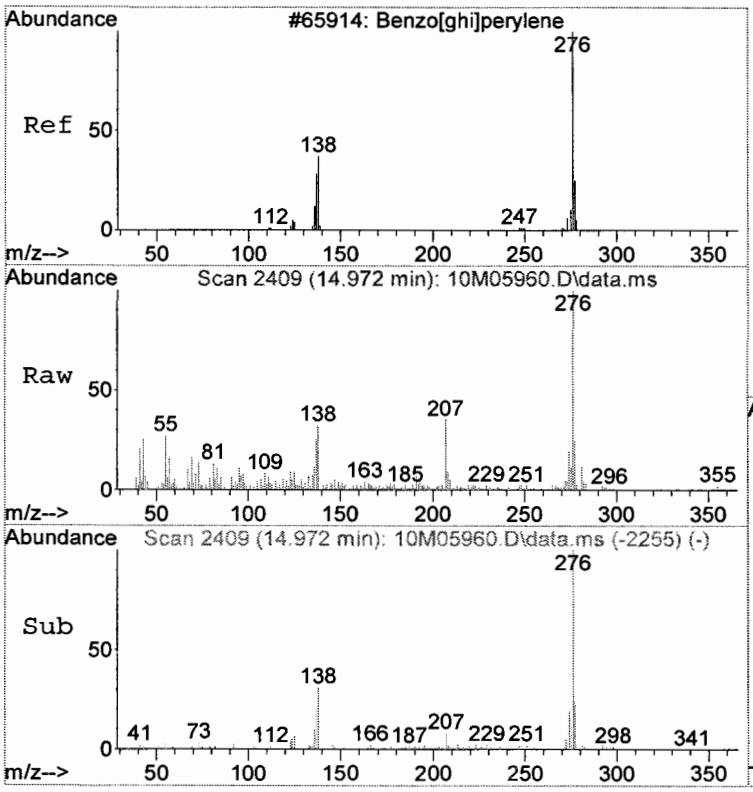


#101
Indeno[1,2,3-cd]pyrene
Concen: 2.55 ng
RT: 14.683 min Scan# 2355
Delta R.T. -0.091 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:276 Resp: 21837

Ion	Ratio	Lower	Upper
276	100		
138	28.2	0.0	78.9

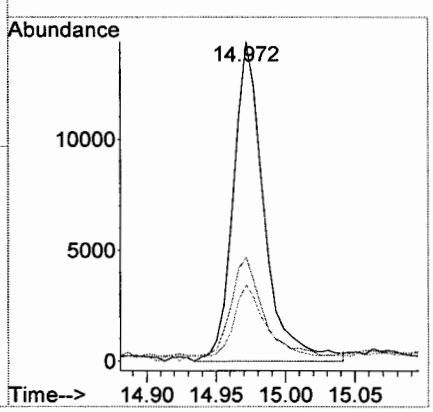




#103
Benzo[g,h,i]perylene
Concen: 3.06 ng
RT: 14.972 min Scan# 2409
Delta R.T. -0.096 min
Lab File: 10M05960.D
Acq: 17 Jul 2009 14:07

Tgt Ion:276 Resp: 22174

Ion	Ratio	Lower	Upper
276	100		
138	31.5	0.0	140.0
277	27.9	0.0	120.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-005
Client Id: 1-30-185-SB05
Data File: 10M05951.D
Analysis Date: 07/17/09 10:45
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	50-32-8	Benzo[a]pyrene	0.069	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	205-99-2	Benzo[b]fluoranthene	0.069	U
120-82-1	1,2,4-Trichlorobenzene	0.069	U	191-24-2	Benzo[g,h,i]perylene	0.069	U
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.34	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	2,4-Dimethylphenol	0.069	U	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.34	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	2,4-Dinitrotoluene	0.069	U	85-68-7	Butylbenzylphthalate	0.069	U
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	86-74-8	Carbazole	0.069	U
95-57-8	2-Chlorophenol	0.069	U	218-01-9	Chrysene	0.069	U
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	2-Methylphenol	0.069	U	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.069	U
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	86-73-7	Fluorene	0.069	U
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	4-Chloro-3-methylphenol	0.069	U	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.069	U
100-02-7	4-Nitrophenol	0.069	U	78-59-1	Isophorone	0.069	U
83-32-9	Acenaphthene	0.069	U	91-20-3	Naphthalene	0.069	U
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	621-64-7	N-Nitroso-di-n-propylamine	0.069	U
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	87-86-5	Pentachlorophenol	0.34	U
100-52-7	Benzaldehyde	0.069	U	85-01-8	Phenanthrene	0.069	U
92-87-5	Benzidine	0.34	U	108-95-2	Phenol	0.069	U
56-55-3	Benzo[a]anthracene	0.069	U	129-00-0	Pyrene	0.069	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

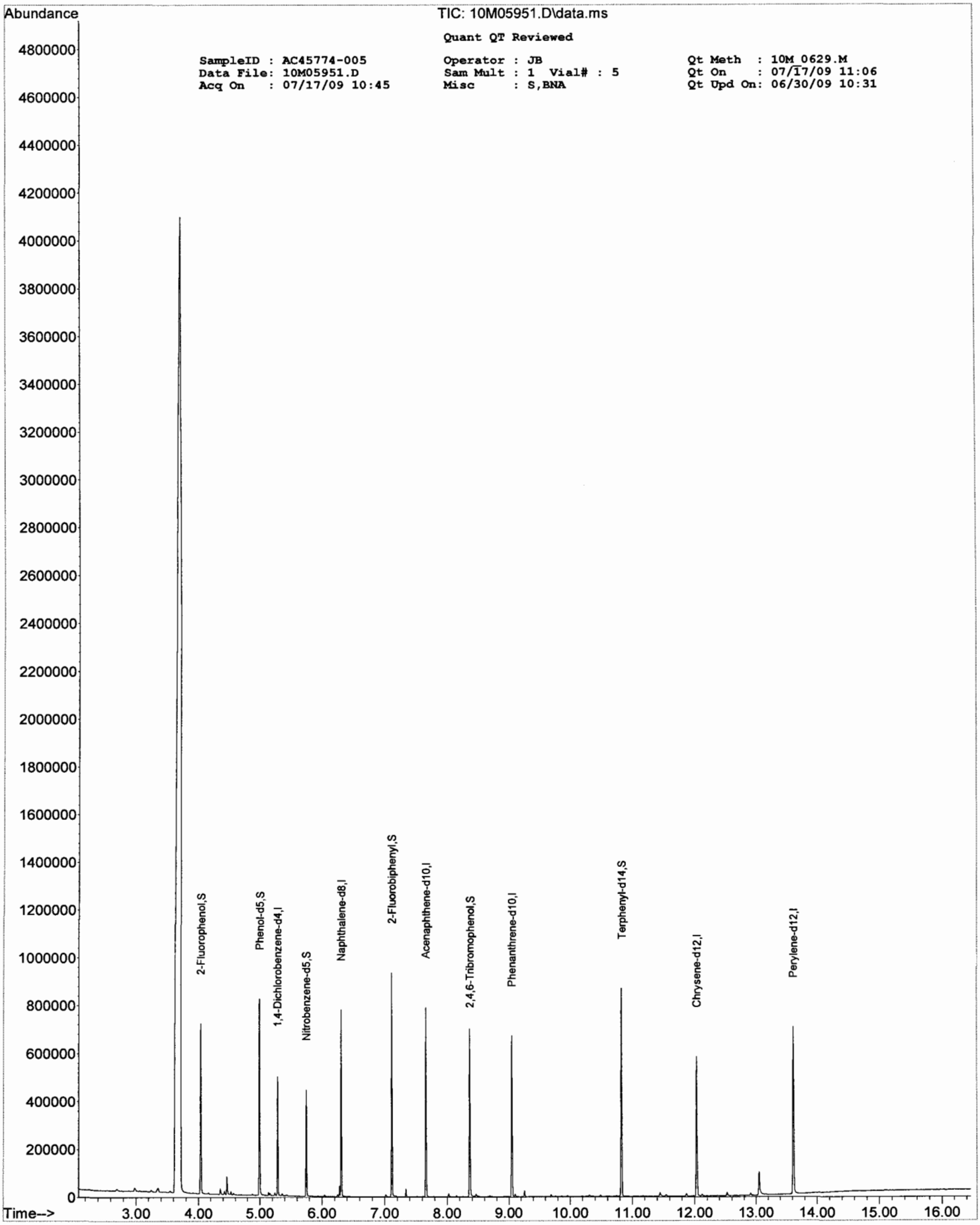
Quantitation Report (QT Reviewed)

SampleID : AC45774-005 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05951.D Sam Mult : 1 Vial# : 5 Qt On : 07/17/09 11:06
Acq On : 07/17/09 10:45 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.285	152	70665	40.00	ng	-0.06
23) Naphthalene-d8	6.307	136	258370	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	142376	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	234259	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	220366	40.00	ng	-0.07
96) Perylene-d12	13.618	264	268026	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	200502	87.55	ng	-0.05
Spiked Amount 100.000			Recovery = 87.55%			
9) Phenol-d5	4.996	99	255375	83.82	ng	-0.04
Spiked Amount 100.000			Recovery = 83.82%			
24) Nitrobenzene-d5	5.751	128	53320	47.59	ng	-0.05
Spiked Amount 50.000			Recovery = 95.18%			
46) 2-Fluorobiphenyl	7.114	172	223423	46.43	ng	-0.06
Spiked Amount 50.000			Recovery = 92.86%			
70) 2,4,6-Tribromophenol	8.366	330	83939	111.78	ng	-0.06
Spiked Amount 100.000			Recovery = 111.78%			
84) Terphenyl-d14	10.826	244	295861	48.81	ng	-0.06
Spiked Amount 50.000			Recovery = 97.62%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05951.D\data.ms
Quant QT Reviewed
SampleID : AC45774-005
Data File: 10M05951.D
Acq On : 07/17/09 10:45
Operator : JB
Sam Mult : 1 Vial# : 5
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 11:06
Qt Upd On: 06/30/09 10:31
4800000
4600000
4400000
4200000
4000000
3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-006(MS:AC45
Client Id: 1-30-185-SB05 MS
Data File: 10M05952.D
Analysis Date: 07/17/09 11:08
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.069	U	50-32-8	Benzo[a]pyrene	0.069	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.069	U	205-99-2	Benzo[b]fluoranthene	0.069	U
120-82-1	**1,2,4-Trichlorobenzene**	**0.069**	**1.5**	191-24-2	Benzo[g,h,i]perylene	0.069	U
122-66-7	1,2-Diphenylhydrazine	0.069	U	207-08-9	Benzo[k]fluoranthene	0.069	U
95-95-4	2,4,5-Trichlorophenol	0.069	U	65-85-0	Benzoic Acid	0.34	U
88-06-2	2,4,6-Trichlorophenol	0.069	U	111-91-1	bis(2-Chloroethoxy)methan	0.069	U
120-83-2	2,4-Dichlorophenol	0.069	U	111-44-4	bis(2-Chloroethyl)ether	0.069	U
105-67-9	**2,4-Dimethylphenol**	**0.069**	**3.1**	108-60-1	bis(2-chloroisopropyl)ether	0.069	U
51-28-5	2,4-Dinitrophenol	0.34	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.069	U
121-14-2	**2,4-Dinitrotoluene**	**0.069**	**1.8**	**85-68-7**	**Butylbenzylphthalate**	**0.069**	**1.7**
606-20-2	2,6-Dinitrotoluene	0.069	U	105-60-2	Caprolactam	0.069	U
91-58-7	2-Chloronaphthalene	0.069	U	**86-74-8**	**Carbazole**	**0.069**	**1.5**
95-57-8	**2-Chlorophenol**	**0.069**	**2.9**	218-01-9	Chrysene	0.069	U
91-57-6	2-Methylnaphthalene	0.069	U	53-70-3	Dibenzo[a,h]anthracene	0.069	U
95-48-7	**2-Methylphenol**	**0.069**	**2.8**	132-64-9	Dibenzofuran	0.069	U
88-74-4	2-Nitroaniline	0.069	U	84-66-2	Diethylphthalate	0.069	U
88-75-5	2-Nitrophenol	0.069	U	131-11-3	Dimethylphthalate	0.069	U
106-44-5	3&4-Methylphenol	0.069	U	84-74-2	Di-n-butylphthalate	0.069	U
91-94-1	3,3'-Dichlorobenzidine	0.069	U	117-84-0	Di-n-octylphthalate	0.069	U
99-09-2	3-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.069	U
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	**86-73-7**	**Fluorene**	**0.069**	**1.7**
101-55-3	4-Bromophenyl-phenylether	0.069	U	118-74-1	Hexachlorobenzene	0.069	U
59-50-7	**4-Chloro-3-methylphenol**	**0.069**	**3.0**	87-68-3	Hexachlorobutadiene	0.069	U
106-47-8	4-Chloroaniline	0.069	U	77-47-4	Hexachlorocyclopentadiene	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.069	U	67-72-1	Hexachloroethane	0.069	U
100-01-6	4-Nitroaniline	0.069	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.069	U
100-02-7	**4-Nitrophenol**	**0.069**	**3.2**	78-59-1	Isophorone	0.069	U
83-32-9	**Acenaphthene**	**0.069**	**1.7**	**91-20-3**	**Naphthalene**	**0.069**	**1.6**
208-96-8	Acenaphthylene	0.069	U	98-95-3	Nitrobenzene	0.069	U
98-86-2	Acetophenone	0.069	U	62-75-9	N-Nitrosodimethylamine	0.069	U
62-53-3	Aniline	0.069	U	**621-64-7**	**N-Nitroso-di-n-propylamin**	**0.069**	**1.4**
120-12-7	Anthracene	0.069	U	86-30-6	n-Nitrosodiphenylamine	0.069	U
1912-24-9	Atrazine	0.069	U	**87-86-5**	**Pentachlorophenol**	**0.34**	**2.7**
100-52-7	Benzaldehyde	0.069	U	85-01-8	Phenanthrene	0.069	U
92-87-5	Benzidine	0.34	U	**108-95-2**	**Phenol**	**0.069**	**2.7**
56-55-3	Benzo[a]anthracene	0.069	U	**129-00-0**	**Pyrene**	**0.069**	**1.6**

Worksheet #: 123973

Total Target Concentration 35

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

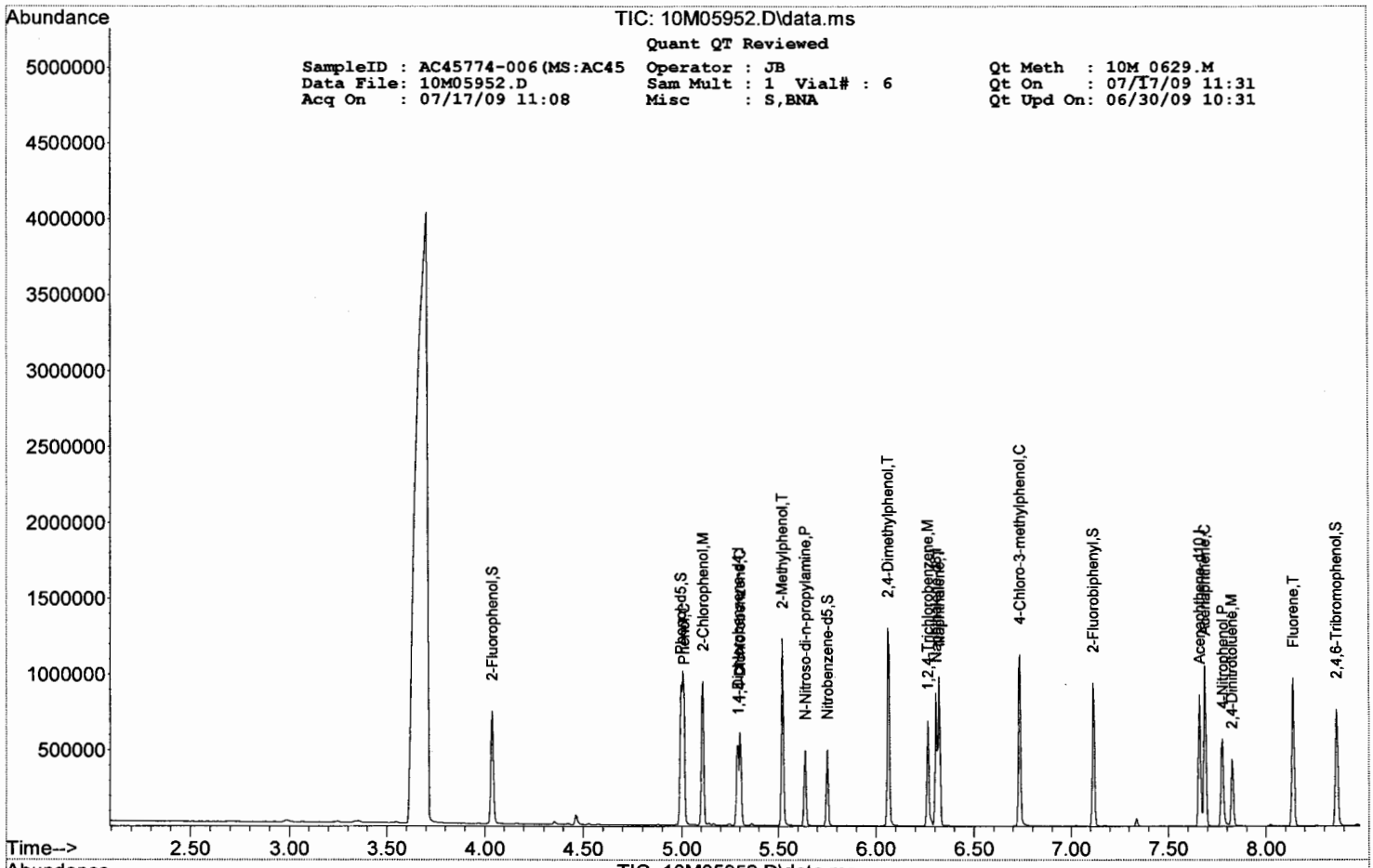
Quantitation Report (QT Reviewed)

SampleID : AC45774-006(MS:AC45 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05952.D Sam Mult : 1 Vial# : 6 Qt On : 07/17/09 11:31
Acq On : 07/17/09 11:08 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	75982	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	281570	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	155481	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	258853	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	234750	40.00	ng	-0.07
96) Perylene-d12	13.618	264	273969	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	206750	83.96	ng	-0.05
Spiked Amount 100.000			Recovery = 83.96%			
9) Phenol-d5	4.996	99	264607	80.77	ng	-0.04
Spiked Amount 100.000			Recovery = 80.77%			
24) Nitrobenzene-d5	5.751	128	55775	45.68	ng	-0.05
Spiked Amount 50.000			Recovery = 91.36%			
46) 2-Fluorobiphenyl	7.114	172	237821	45.26	ng	-0.06
Spiked Amount 50.000			Recovery = 90.52%			
70) 2,4,6-Tribromophenol	8.361	330	89012	107.27	ng	-0.06
Spiked Amount 100.000			Recovery = 107.27%			
84) Terphenyl-d14	10.826	244	307183	47.57	ng	-0.06
Spiked Amount 50.000			Recovery = 95.14%			
Target Compounds						Qvalue
10) Phenol	5.012	94	260725	79.00	ng	81
11) 2-Chlorophenol	5.109	128	231262	85.20	ng	75
14) 1,4-Dichlorobenzene	5.301	146	115601	39.34	ng	97
18) 2-Methylphenol	5.521	108	194556	80.26	ng	96
21) N-Nitroso-di-n-propyla...	5.638	70	72226	39.37	ng	84
28) 2,4-Dimethylphenol	6.061	107	205964	89.67	ng	87
32) 1,2,4-Trichlorobenzene	6.264	180	99281	44.03	ng	97
33) Naphthalene	6.323	128	321096	45.92	ng	99
37) 4-Chloro-3-methylphenol	6.735	107	176773	86.47	ng	64
55) Acenaphthene	7.687	153	211430	49.72	ng	97
59) 2,4-Dinitrotoluene	7.826	165	69432	52.49	ng	69
60) 4-Nitrophenol	7.778	65	75857	92.73	ng	82
62) Fluorene	8.141	166	245478	48.79	ng	97
75) Pentachlorophenol	8.858	266	76720	78.87	ng	97
78) Carbazole	9.302	167	335167	44.98	ng	97
82) Pyrene	10.623	202	396339	47.20	ng	88
88) Butylbenzylphthalate	11.420	149	183849	48.05	ng	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : AC45774-006(MS:AC45
Data File: 10M05952.D
Acq On : 07/17/09 11:08
Operator : JB
Sam Mult : 1 Vial# : 6
Misc : S,BNA
Qt Meth : 10M 0629.M
Qt On : 07/17/09 11:31
Qt Upd On: 06/30/09 10:31
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
Fluorene,T
2,4,6-Tribromophenol,S
Time-->
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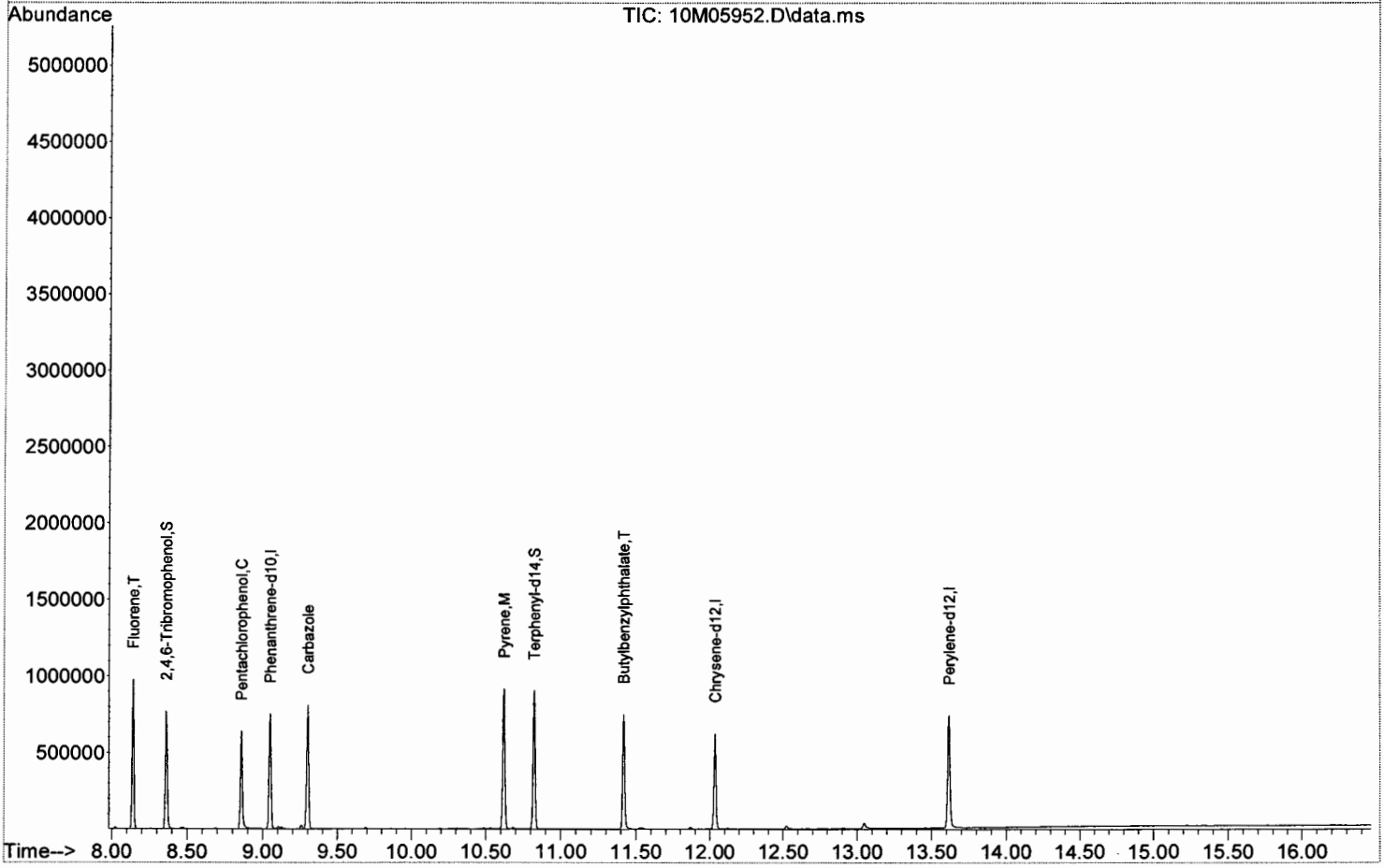
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00


Abundance
TIC: 10M05952.D\data.ms
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4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
Perylene-d12,I
Time-->
8.00
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9.00
9.50
10.00
10.50
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-007(MSD:AC
Client Id: 1-30-185-SB05 MSD
Data File: 10M05953.D
Analysis Date: 07/17/09 11:30
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.071	U	50-32-8	Benzo[a]pyrene	0.071	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.071	U	205-99-2	Benzo[b]fluoranthene	0.071	U
120-82-1	**1,2,4-Trichlorobenzene**	**0.071**	**1.5**	191-24-2	Benzo[g,h,i]perylene	0.071	U
122-66-7	1,2-Diphenylhydrazine	0.071	U	207-08-9	Benzo[k]fluoranthene	0.071	U
95-95-4	2,4,5-Trichlorophenol	0.071	U	65-85-0	Benzoic Acid	0.35	U
88-06-2	2,4,6-Trichlorophenol	0.071	U	111-91-1	bis(2-Chloroethoxy)methan	0.071	U
120-83-2	2,4-Dichlorophenol	0.071	U	111-44-4	bis(2-Chloroethyl)ether	0.071	U
105-67-9	**2,4-Dimethylphenol**	**0.071**	**3.1**	108-60-1	bis(2-chloroisopropyl)ether	0.071	U
51-28-5	2,4-Dinitrophenol	0.35	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.071	U
121-14-2	**2,4-Dinitrotoluene**	**0.071**	**1.8**	**85-68-7**	**Butylbenzylphthalate**	**0.071**	**1.7**
606-20-2	2,6-Dinitrotoluene	0.071	U	105-60-2	Caprolactam	0.071	U
91-58-7	2-Chloronaphthalene	0.071	U	**86-74-8**	**Carbazole**	**0.071**	**1.6**
95-57-8	**2-Chlorophenol**	**0.071**	**2.9**	218-01-9	Chrysene	0.071	U
91-57-6	2-Methylnaphthalene	0.071	U	53-70-3	Dibenzo[a,h]anthracene	0.071	U
95-48-7	**2-Methylphenol**	**0.071**	**2.7**	132-64-9	Dibenzofuran	0.071	U
88-74-4	2-Nitroaniline	0.071	U	84-66-2	Diethylphthalate	0.071	U
88-75-5	2-Nitrophenol	0.071	U	131-11-3	Dimethylphthalate	0.071	U
106-44-5	3&4-Methylphenol	0.071	U	84-74-2	Di-n-butylphthalate	0.071	U
91-94-1	3,3'-Dichlorobenzidine	0.071	U	117-84-0	Di-n-octylphthalate	0.071	U
99-09-2	3-Nitroaniline	0.071	U	206-44-0	Fluoranthene	0.071	U
534-52-1	4,6-Dinitro-2-methylphenol	0.35	U	**86-73-7**	**Fluorene**	**0.071**	**1.7**
101-55-3	4-Bromophenyl-phenylether	0.071	U	118-74-1	Hexachlorobenzene	0.071	U
59-50-7	**4-Chloro-3-methylphenol**	**0.071**	**3.0**	87-68-3	Hexachlorobutadiene	0.071	U
106-47-8	4-Chloroaniline	0.071	U	77-47-4	Hexachlorocyclopentadiene	0.35	U
7005-72-3	4-Chlorophenyl-phenylether	0.071	U	67-72-1	Hexachloroethane	0.071	U
100-01-6	4-Nitroaniline	0.071	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.071	U
100-02-7	**4-Nitrophenol**	**0.071**	**3.2**	78-59-1	Isophorone	0.071	U
83-32-9	**Acenaphthene**	**0.071**	**1.7**	**91-20-3**	**Naphthalene**	**0.071**	**1.6**
208-96-8	Acenaphthylene	0.071	U	98-95-3	Nitrobenzene	0.071	U
98-86-2	Acetophenone	0.071	U	62-75-9	N-Nitrosodimethylamine	0.071	U
62-53-3	Aniline	0.071	U	**621-64-7**	**N-Nitroso-di-n-propylamin**	**0.071**	**1.3**
120-12-7	Anthracene	0.071	U	86-30-6	n-Nitrosodiphenylamine	0.071	U
1912-24-9	Atrazine	0.071	U	**87-86-5**	**Pentachlorophenol**	**0.35**	**2.9**
100-52-7	Benzaldehyde	0.071	U	85-01-8	Phenanthrene	0.071	U
92-87-5	Benzidine	0.35	U	**108-95-2**	**Phenol**	**0.071**	**2.7**
56-55-3	Benzo[a]anthracene	0.071	U	**129-00-0**	**Pyrene**	**0.071**	**1.7**

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

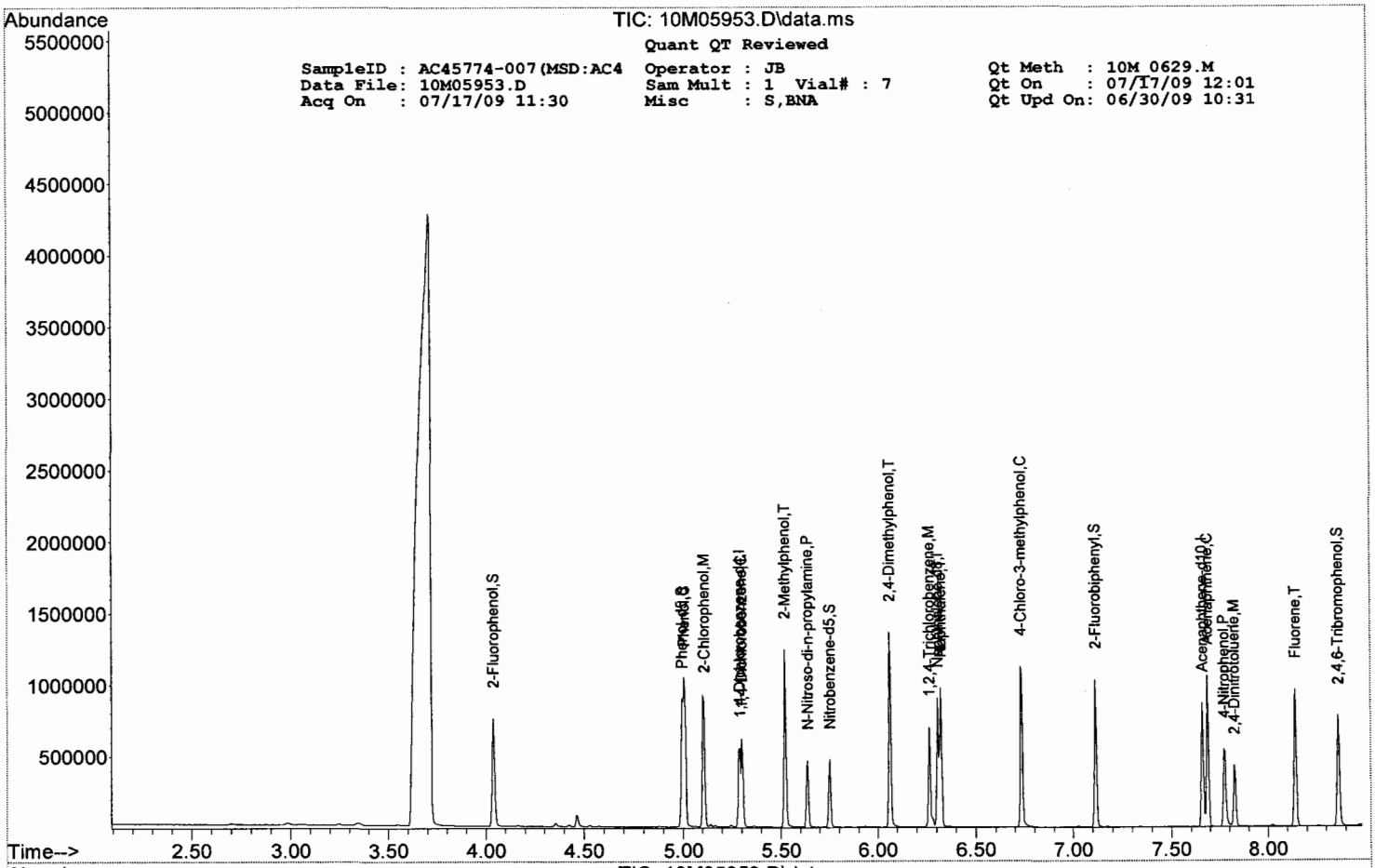
SampleID : AC45774-007(MSD:AC4 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05953.D Sam Mult : 1 Vial# : 7 Qt On : 07/17/09 12:01
Acq On : 07/17/09 11:30 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	77631	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	288154	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	159649	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	260384	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	234178	40.00	ng	-0.07
96) Perylene-d12	13.618	264	269210	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	206605	82.12	ng	-0.05
Spiked Amount 100.000			Recovery = 82.12%			
9) Phenol-d5	4.997	99	262955	78.56	ng	-0.04
Spiked Amount 100.000			Recovery = 78.56%			
24) Nitrobenzene-d5	5.751	128	54848	43.89	ng	-0.05
Spiked Amount 50.000			Recovery = 87.78%			
46) 2-Fluorobiphenyl	7.115	172	236065	43.75	ng	-0.06
Spiked Amount 50.000			Recovery = 87.50%			
70) 2,4,6-Tribromophenol	8.361	330	88797	106.38	ng	-0.06
Spiked Amount 100.000			Recovery = 106.38%			
84) Terphenyl-d14	10.827	244	304290	47.24	ng	-0.06
Spiked Amount 50.000			Recovery = 94.48%			
Target Compounds						Qvalue
10) Phenol	5.007	94	257983	76.51	ng	85
11) 2-Chlorophenol	5.109	128	227373	81.98	ng	74
14) 1,4-Dichlorobenzene	5.301	146	112973	37.62	ng	97
18) 2-Methylphenol	5.521	108	191804	77.45	ng	94
21) N-Nitroso-di-n-propyla...	5.638	70	71236	38.01	ng	83
28) 2,4-Dimethylphenol	6.061	107	203045	86.38	ng	86
32) 1,2,4-Trichlorobenzene	6.264	180	95768	41.50	ng	97
33) Naphthalene	6.323	128	317687	44.31	ng	100
37) 4-Chloro-3-methylphenol	6.729	107	175321	83.80	ng	73
55) Acenaphthene	7.687	153	208887	47.73	ng	97
59) 2,4-Dinitrotoluene	7.826	165	67878	49.98	ng	66
60) 4-Nitrophenol	7.772	65	75542	89.93	ng	93
62) Fluorene	8.142	166	242761	46.79	ng	97
75) Pentachlorophenol	8.858	266	80421	82.16	ng	95
78) Carbazole	9.302	167	336817	44.94	ng	97
82) Pyrene	10.623	202	395622	47.23	ng	87
88) Butylbenzylphthalate	11.420	149	182288	47.76	ng	69

(#) = qualifier out of range (m) = manual integration (+) = signals summed

16


Abundance
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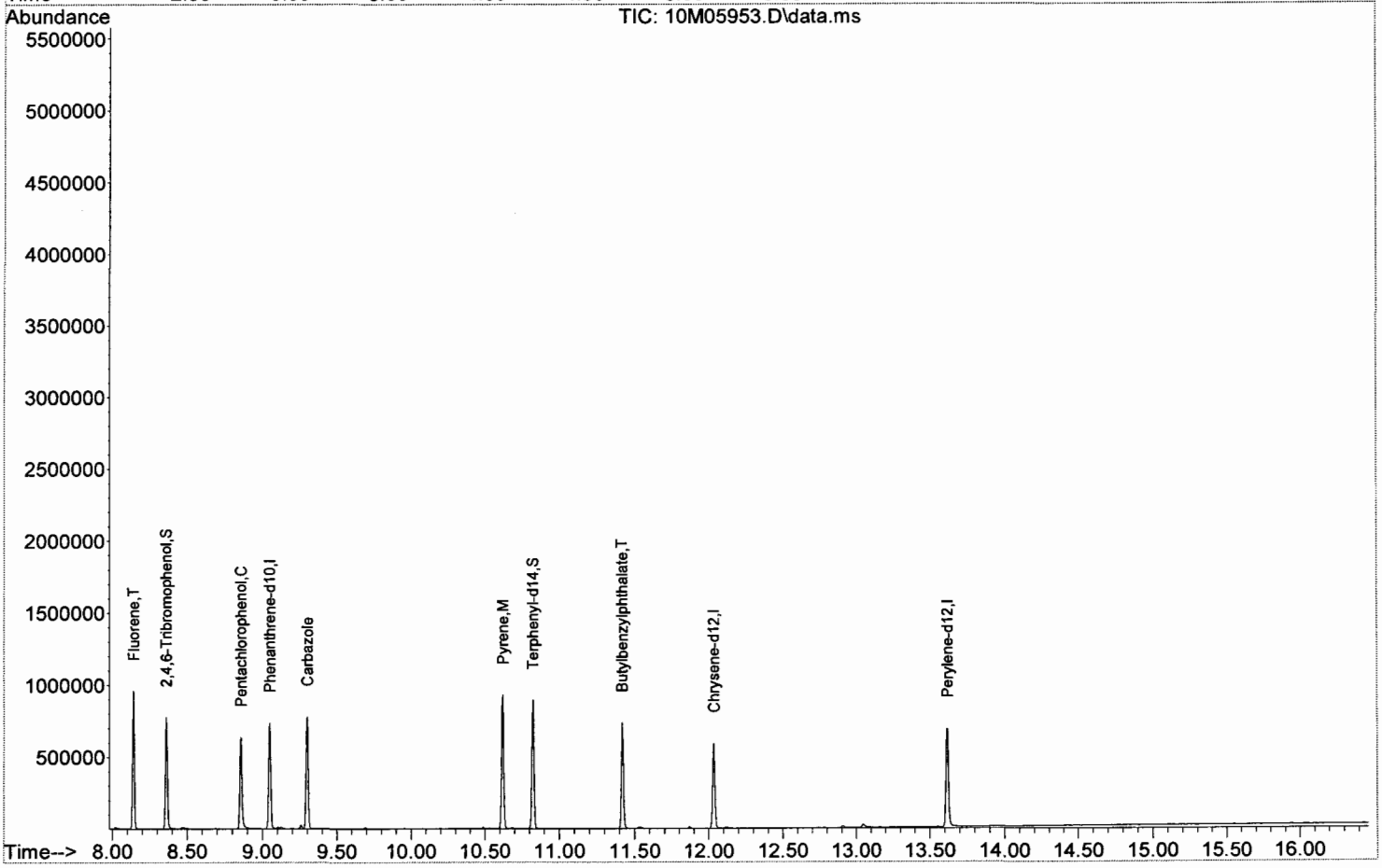
Quant QT Reviewed
SampleID : AC45774-007(MSD:AC4
Data File: 10M05953.D
Acq On : 07/17/09 11:30
Operator : JB
Sam Mult : 1 Vial# : 7
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 12:01
Qt Upd On: 06/30/09 10:31
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Time-->


Abundance
TIC: 10M05953.D\data.ms
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-008
Client Id: 1-30-185-GP01
Data File: 9M19276.D
Analysis Date: 07/16/09 15:06
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	86-74-8	Carbazole	2.2	U
95-57-8	2-Chlorophenol	2.2	U	218-01-9	Chrysene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
95-48-7	2-Methylphenol	2.2	U	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	131-11-3	Dimethylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
99-09-2	3-Nitroaniline	2.2	U	206-44-0	Fluoranthene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	118-74-1	Hexachlorobenzene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
106-47-8	4-Chloroaniline	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	67-72-1	Hexachloroethane	2.2	U
100-01-6	4-Nitroaniline	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-02-7	4-Nitrophenol	2.2	U	78-59-1	Isophorone	2.2	U
83-32-9	Acenaphthene	2.2	U	91-20-3	Naphthalene	2.2	U
208-96-8	Acenaphthylene	2.2	U	98-95-3	Nitrobenzene	2.2	U
98-86-2	Acetophenone	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
1912-24-9	Atrazine	2.2	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.2	U	85-01-8	Phenanthrene	2.2	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

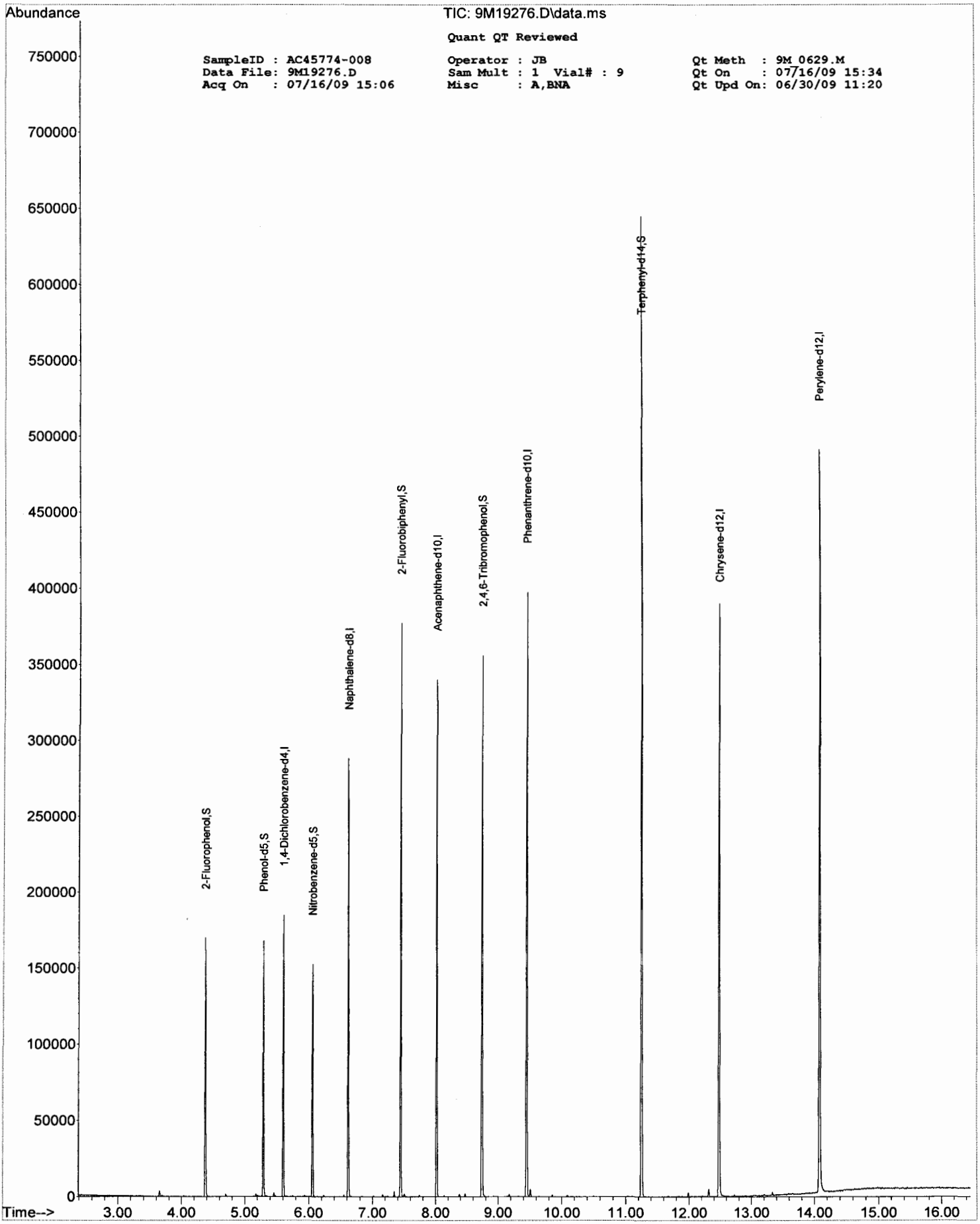
Quantitation Report (QT Reviewed)

SampleID : AC45774-008 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19276.D Sam Mult : 1 Vial# : 9 Qt On : 07/16/09 15:34
Acq On : 07/16/09 15:06 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	27341	40.00	ng	-0.17
23) Naphthalene-d8	6.618	136	112194	40.00	ng	-0.17
41) Acenaphthene-d10	8.014	164	72864	40.00	ng	-0.20
67) Phenanthrene-d10	9.452	188	146637	40.00	ng	-0.21
81) Chrysene-d12	12.485	240	163539	40.00	ng	-0.24
96) Perylene-d12	14.079	264	189206	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.377	112	47144	56.46	ng	-0.19
Spiked Amount 100.000			Recovery = 56.46%			
9) Phenol-d5	5.291	99	49077	44.62	ng	-0.17
Spiked Amount 100.000			Recovery = 44.62%			
24) Nitrobenzene-d5	6.061	128	20785	44.68	ng	-0.17
Spiked Amount 50.000			Recovery = 89.36%			
46) 2-Fluorobiphenyl	7.447	172	101813	39.74	ng	-0.18
Spiked Amount 50.000			Recovery = 79.48%			
70) 2,4,6-Tribromophenol	8.741	330	35299	104.55	ng	-0.21
Spiked Amount 100.000			Recovery = 104.55%			
84) Terphenyl-d14	11.250	244	217453	49.06	ng	-0.22
Spiked Amount 50.000			Recovery = 98.12%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19276.D\data.ms
Quant QT Reviewed
SampleID : AC45774-008
Data File: 9M19276.D
Acq On : 07/16/09 15:06
Operator : JB
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 15:34
Qt Upd On: 06/30/09 11:20
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-009(MS:AC45
Client Id: 1-30-185-GP01 MS
Data File: 9M19277.D
Analysis Date: 07/16/09 15:29
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	**50-32-8**	**Benzo[a]pyrene**	**2.2**	**110**
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	**205-99-2**	**Benzo[b]fluoranthene**	**2.2**	**100**
120-82-1	**1,2,4-Trichlorobenzene**	**2.2**	**93**	**191-24-2**	**Benzo[g,h,i]perylene**	**2.2**	**110**
122-66-7	**1,2-Diphenylhydrazine**	**2.2**	**96**	**207-08-9**	**Benzo[k]fluoranthene**	**2.2**	**110**
95-95-4	**2,4,5-Trichlorophenol**	**2.2**	**110**	**65-85-0**	**Benzoic Acid**	**11**	**50**
88-06-2	**2,4,6-Trichlorophenol**	**2.2**	**110**	**111-91-1**	**bis(2-Chloroethoxy)metha**	**2.2**	**98**
120-83-2	**2,4-Dichlorophenol**	**2.2**	**110**	**111-44-4**	**bis(2-Chloroethyl)ether**	**2.2**	**93**
105-67-9	**2,4-Dimethylphenol**	**2.2**	**97**	**108-60-1**	**bis(2-chloroisopropyl)eth**	**2.2**	**93**
51-28-5	**2,4-Dinitrophenol**	**11**	**130**	**117-81-7**	**bis(2-Ethylhexyl)phthalate**	**2.2**	**110**
121-14-2	**2,4-Dinitrotoluene**	**2.2**	**120**	**85-68-7**	**Butylbenzylphthalate**	**2.2**	**110**
606-20-2	**2,6-Dinitrotoluene**	**2.2**	**110**	105-60-2	Caprolactam	2.2	U
91-58-7	**2-Chloronaphthalene**	**2.2**	**100**	86-74-8	Carbazole	2.2	U
95-57-8	**2-Chlorophenol**	**2.2**	**90**	**218-01-9**	**Chrysene**	**2.2**	**100**
91-57-6	2-Methylnaphthalene	2.2	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**2.2**	**110**
95-48-7	**2-Methylphenol**	**2.2**	**89**	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	**84-66-2**	**Diethylphthalate**	**2.2**	**110**
88-75-5	**2-Nitrophenol**	**2.2**	**110**	**131-11-3**	**Dimethylphthalate**	**2.2**	**110**
106-44-5	**3&4-Methylphenol**	**2.2**	**88**	**84-74-2**	**Di-n-butylphthalate**	**2.2**	**110**
91-94-1	**3,3'-Dichlorobenzidine**	**2.2**	**120**	**117-84-0**	**Di-n-octylphthalate**	**2.2**	**100**
99-09-2	3-Nitroaniline	2.2	U	**206-44-0**	**Fluoranthene**	**2.2**	**120**
534-52-1	**4,6-Dinitro-2-methylpheno**	**11**	**120**	**86-73-7**	**Fluorene**	**2.2**	**100**
101-55-3	**4-Bromophenyl-phenyleth**	**2.2**	**110**	**118-74-1**	**Hexachlorobenzene**	**2.2**	**110**
59-50-7	**4-Chloro-3-methylphenol**	**2.2**	**110**	**87-68-3**	**Hexachlorobutadiene**	**2.2**	**93**
106-47-8	4-Chloroaniline	2.2	U	**77-47-4**	**Hexachlorocyclopentadie**	**2.2**	**88**
7005-72-3	**4-Chlorophenyl-phenyleth**	**2.2**	**110**	**67-72-1**	**Hexachloroethane**	**2.2**	**84**
100-01-6	4-Nitroaniline	2.2	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**2.2**	**110**
100-02-7	**4-Nitrophenol**	**2.2**	**60**	**78-59-1**	**Isophorone**	**2.2**	**96**
83-32-9	**Acenaphthene**	**2.2**	**100**	**91-20-3**	**Naphthalene**	**2.2**	**96**
208-96-8	**Acenaphthylene**	**2.2**	**99**	**98-95-3**	**Nitrobenzene**	**2.2**	**100**
98-86-2	Acetophenone	2.2	U	**62-75-9**	**N-Nitrosodimethylamine**	**2.2**	**77**
62-53-3	**Aniline**	**2.2**	**64**	**621-64-7**	**N-Nitroso-di-n-propylamin**	**2.2**	**100**
120-12-7	**Anthracene**	**2.2**	**100**	**86-30-6**	**n-Nitrosodiphenylamine**	**2.2**	**81**
1912-24-9	Atrazine	2.2	U	**87-86-5**	**Pentachlorophenol**	**11**	**120**
100-52-7	Benzaldehyde	2.2	U	**85-01-8**	**Phenanthrene**	**2.2**	**110**
92-87-5	**Benzidine**	**11**	**18**	**108-95-2**	**Phenol**	**2.2**	**46**
56-55-3	**Benzo[a]anthracene**	**2.2**	**100**	**129-00-0**	**Pyrene**	**2.2**	**98**

Worksheet #: 123973

Total Target Concentration 5800

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC45774-009(MS:AC45 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19277.D Sam Mult : 1 Vial# : 10 Qt On : 07/16/09 15:57
Acq On : 07/16/09 15:29 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	34556	40.00	ng	-0.17
23) Naphthalene-d8	6.623	136	134718	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	86870	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	165013	40.00	ng	-0.21
81) Chrysene-d12	12.490	240	170824	40.00	ng	-0.23
96) Perylene-d12	14.084	264	179596	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.382	112	57789	54.76	ng	-0.18
Spiked Amount 100.000			Recovery = 54.76%			
9) Phenol-d5	5.296	99	61654	44.35	ng	-0.16
Spiked Amount 100.000			Recovery = 44.35%			
24) Nitrobenzene-d5	6.061	128	26501	47.45	ng	-0.17
Spiked Amount 50.000			Recovery = 94.90%			
46) 2-Fluorobiphenyl	7.447	172	102486	33.56	ng	-0.18
Spiked Amount 50.000			Recovery = 67.12%			
70) 2,4,6-Tribromophenol	8.746	330	43575	114.69	ng	-0.20
Spiked Amount 100.000			Recovery = 114.69%			
84) Terphenyl-d14	11.249	244	232518	50.22	ng	-0.22
Spiked Amount 50.000			Recovery = 100.44%			
Target Compounds						Qvalue
2) Pyridine	2.708	79	29346	27.70	ng	74
3) N-Nitrosodimethylamine	2.633	74	38185	69.53	ng	79
6) Aniline	5.382	93	84476	57.48	ng	56
8) bis(2-Chloroethyl)ether	5.382	93	84476	84.12	ng	81
10) Phenol	5.307	94	60506	41.15	ng	87
11) 2-Chlorophenol	5.425	128	94805	80.99	ng	75
13) 1,3-Dichlorobenzene	5.553	146	96858	73.74	ng	98
14) 1,4-Dichlorobenzene	5.623	146	102636	75.76	ng	98
15) 1,2-Dichlorobenzene	5.746	146	98864	78.56	ng	98
17) bis(2-chloroisopropyl)...	5.842	45	105263	83.61	ng	85
18) 2-Methylphenol	5.821	108	81568	80.16	ng	97
20) Hexachloroethane	6.024	117	36622	75.90	ng	70
21) N-Nitroso-di-n-propyla...	5.944	70	71336	94.06	ng	72
22) 3&4-Methylphenol	5.949	108	82894	79.16	ng	87
25) Nitrobenzene	6.077	77	104404	93.21	ng	79
26) Isophorone	6.270	82	181108	86.37	ng	82
27) 2-Nitrophenol	6.329	139	56307	97.50	ng	84
28) 2,4-Dimethylphenol	6.361	107	99802	87.13	ng	94
29) Benzoic Acid	6.436	105	28645	44.58	ng	87
30) bis(2-Chloroethoxy)met...	6.436	93	111631	88.59	ng	97
31) 2,4-Dichlorophenol	6.516	162	93827	95.80	ng	85
32) 1,2,4-Trichlorobenzene	6.580	180	94767	83.49	ng	97
33) Naphthalene	6.639	128	304021	85.97	ng	99
35) Hexachlorobutadiene	6.730	225	54708	83.30	ng	97
37) 4-Chloro-3-methylphenol	7.035	107	99963	103.45	ng	76
43) Hexachlorocyclopentadiene	7.281	237	51780	79.57	ng	99
44) 2,4,6-Trichlorophenol	7.382	196	76552	100.63	ng	99
45) 2,4,5-Trichlorophenol	7.409	196	86105	101.95	ng	99
47) 2-Chloronaphthalene	7.548	162	229396	91.56	ng	93
52) Acenaphthylene	7.896	152	371167	88.88	ng	99
53) Dimethylphthalate	7.773	163	290393	100.66	ng	99
54) 2,6-Dinitrotoluene	7.832	165	63382	102.91	ng	53
55) Acenaphthene	8.046	153	244100	91.20	ng	95
57) 2,4-Dinitrophenol	8.062	184	33246	114.91	ng	89
59) 2,4-Dinitrotoluene	8.179	165	89861	109.69	ng	59
60) 4-Nitrophenol	8.104	65	25315	53.97	ng	84
61) 2,3,4,6-Tetrachlorophenol	8.308	232	72459	98.17	ng	83
62) Fluorene	8.516	166	285817	93.82	ng	99
63) 4-Chlorophenyl-phenyle...	8.511	204	141527	99.41	ng	81
64) Diethylphthalate	8.393	149	287067	97.70	ng	98
68) 4,6-Dinitro-2-methylph...	8.554	198	52209	110.12	ng	100
69) n-Nitrosodiphenylamine	8.623	169	210675	72.96	ng	99
71) 1,2-Diphenylhydrazine	8.661	77	263864	86.04	ng	82
72) 4-Bromophenyl-phenylether	8.987	248	92597	100.65	ng	83
73) Hexachlorobenzene	9.051	284	94888	98.55	ng	67
75) Pentachlorophenol	9.249	266	59686	110.21	ng	99
76) Phenanthrene	9.479	178	479055	95.44	ng	100
77) Anthracene	9.532	178	455435	91.73	ng	99
79) Di-n-butylphthalate	10.094	149	532853	98.58	ng	97
80) Fluoranthene	10.800	202	557142	106.24	ng	85
82) Pyrene	11.062	202	556895	88.48	ng	82
83) Benzidine	10.955	184	47112	16.19	ng	84

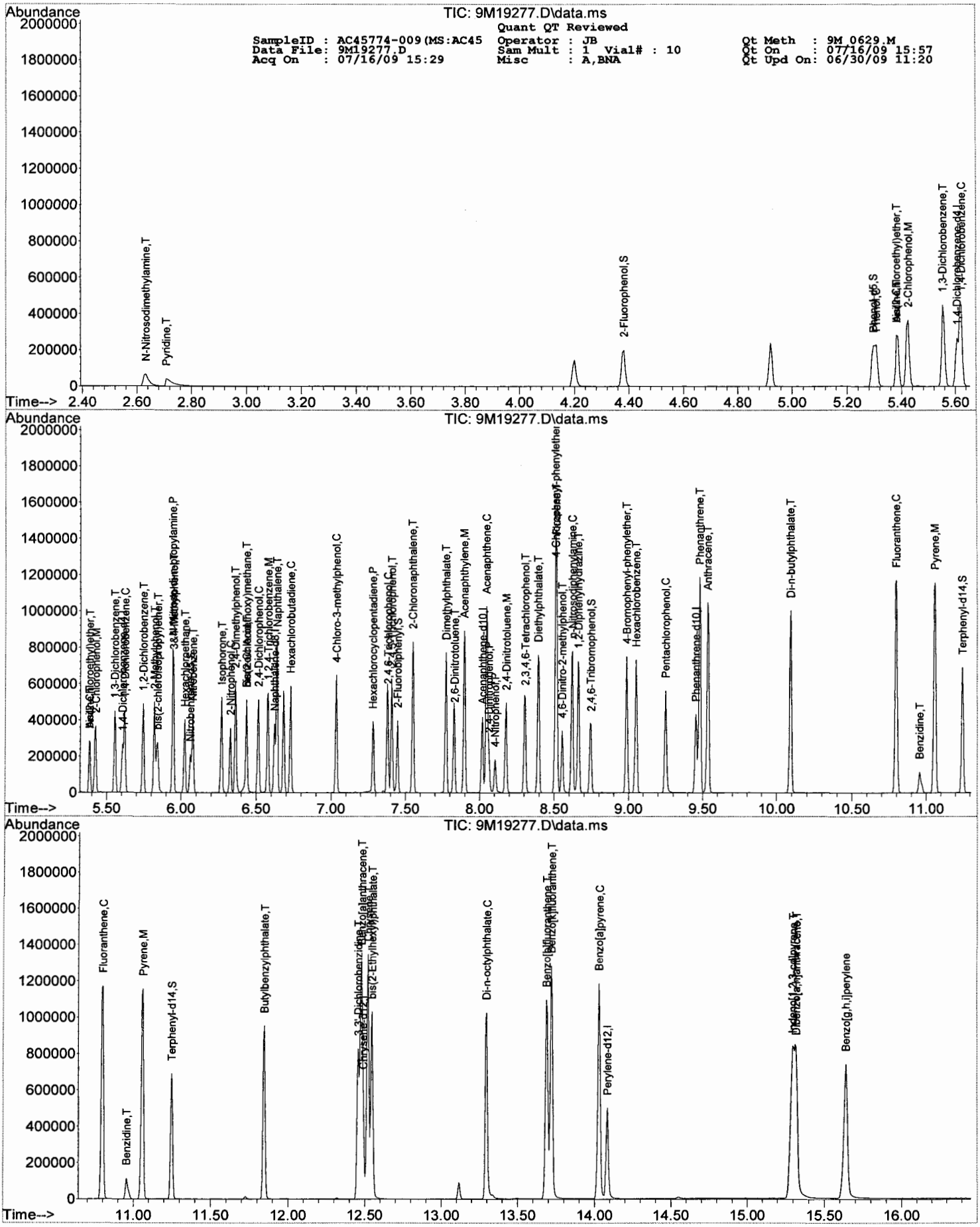
Quantitation Report (QT Reviewed)

SampleID : AC45774-009(MS:AC45 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19277.D Sam Mult : 1 Vial# : 10 Qt On : 07/16/09 15:57
Acq On : 07/16/09 15:29 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88)	Butylbenzylphthalate	11.848	149	257476	97.45	ng	65
92)	3,3'-Dichlorobenzidine	12.458	252	172013	109.25	ng	96
93)	Benzo[a]anthracene	12.480	228	567224	93.71	ng	99
94)	Chrysene	12.522	228	540794	91.59	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.549	149	348065	96.24	ng	94
97)	Di-n-octylphthalate	13.298	149	601174	90.63	ng	100
98)	Benzo[b]fluoranthene	13.688	252	521691	91.38	ng	94
99)	Benzo[k]fluoranthene	13.720	252	557494	96.38	ng	93
100)	Benzo[a]pyrene	14.031	252	525543	96.96	ng	91
101)	Indeno[1,2,3-cd]pyrene	15.298	276	558971	101.15	ng	96
102)	Dibenzo[a,h]anthracene	15.320	278	464300	101.76	ng	89
103)	Benzo[g,h,i]perylene	15.641	276	466528	100.84	ng	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 9M19277.D\data.ms
Quant QT Reviewed
SampleID : AC45774-009(MS:AC45
Data File: 9M19277.D
Acq On : 07/16/09 15:29
Operator : JB
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 15:57
Qt Upd On: 06/30/09 11:20
Abundance
Time-->
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Benzidine,T
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-010(MSD:AC
Client Id: 1-30-185-GP01 MSD
Data File: 9M19278.D
Analysis Date: 07/16/09 15:53
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	**50-32-8**	**Benzo[a]pyrene**	**2.1**	**100**
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	**205-99-2**	**Benzo[b]fluoranthene**	**2.1**	**96**
120-82-1	**1,2,4-Trichlorobenzene**	**2.1**	**89**	**191-24-2**	**Benzo[g,h,i]perylene**	**2.1**	**100**
122-66-7	**1,2-Diphenylhydrazine**	**2.1**	**93**	**207-08-9**	**Benzo[k]fluoranthene**	**2.1**	**100**
95-95-4	**2,4,5-Trichlorophenol**	**2.1**	**110**	**65-85-0**	**Benzoic Acid**	**11**	**47**
88-06-2	**2,4,6-Trichlorophenol**	**2.1**	**110**	**111-91-1**	**bis(2-Chloroethoxy)metha**	**2.1**	**95**
120-83-2	**2,4-Dichlorophenol**	**2.1**	**100**	**111-44-4**	**bis(2-Chloroethyl)ether**	**2.1**	**87**
105-67-9	**2,4-Dimethylphenol**	**2.1**	**97**	**108-60-1**	**bis(2-chloroisopropyl)eth**	**2.1**	**87**
51-28-5	**2,4-Dinitrophenol**	**11**	**130**	**117-81-7**	**bis(2-Ethylhexyl)phthalate**	**2.1**	**100**
121-14-2	**2,4-Dinitrotoluene**	**2.1**	**120**	**85-68-7**	**Butylbenzylphthalate**	**2.1**	**100**
606-20-2	**2,6-Dinitrotoluene**	**2.1**	**110**	105-60-2	Caprolactam	2.1	U
91-58-7	**2-Chloronaphthalene**	**2.1**	**97**	86-74-8	Carbazole	2.1	U
95-57-8	**2-Chlorophenol**	**2.1**	**88**	**218-01-9**	**Chrysene**	**2.1**	**98**
91-57-6	2-Methylnaphthalene	2.1	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**2.1**	**110**
95-48-7	**2-Methylphenol**	**2.1**	**86**	132-64-9	Dibenzofuran	2.1	U
88-74-4	2-Nitroaniline	2.1	U	**84-66-2**	**Diethylphthalate**	**2.1**	**100**
88-75-5	**2-Nitrophenol**	**2.1**	**110**	**131-11-3**	**Dimethylphthalate**	**2.1**	**110**
106-44-5	**3&4-Methylphenol**	**2.1**	**82**	**84-74-2**	**Di-n-butylphthalate**	**2.1**	**110**
91-94-1	**3,3'-Dichlorobenzidine**	**2.1**	**120**	**117-84-0**	**Di-n-octylphthalate**	**2.1**	**96**
99-09-2	3-Nitroaniline	2.1	U	**206-44-0**	**Fluoranthene**	**2.1**	**110**
534-52-1	**4,6-Dinitro-2-methylpheno**	**11**	**120**	**86-73-7**	**Fluorene**	**2.1**	**99**
101-55-3	**4-Bromophenyl-phenyleth**	**2.1**	**110**	**118-74-1**	**Hexachlorobenzene**	**2.1**	**110**
59-50-7	**4-Chloro-3-methylphenol**	**2.1**	**110**	**87-68-3**	**Hexachlorobutadiene**	**2.1**	**89**
106-47-8	4-Chloroaniline	2.1	U	**77-47-4**	**Hexachlorocyclopentadie**	**2.1**	**87**
7005-72-3	**4-Chlorophenyl-phenyleth**	**2.1**	**100**	**67-72-1**	**Hexachloroethane**	**2.1**	**78**
100-01-6	4-Nitroaniline	2.1	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**2.1**	**110**
100-02-7	**4-Nitrophenol**	**2.1**	**53**	**78-59-1**	**Isophorone**	**2.1**	**91**
83-32-9	**Acenaphthene**	**2.1**	**96**	**91-20-3**	**Naphthalene**	**2.1**	**91**
208-96-8	**Acenaphthylene**	**2.1**	**95**	**98-95-3**	**Nitrobenzene**	**2.1**	**97**
98-86-2	Acetophenone	2.1	U	**62-75-9**	**N-Nitrosodimethylamine**	**2.1**	**73**
62-53-3	**Aniline**	**2.1**	**60**	**621-64-7**	**N-Nitroso-di-n-propylamin**	**2.1**	**97**
120-12-7	**Anthracene**	**2.1**	**100**	**86-30-6**	**n-Nitrosodiphenylamine**	**2.1**	**80**
1912-24-9	Atrazine	2.1	U	**87-86-5**	**Pentachlorophenol**	**11**	**120**
100-52-7	Benzaldehyde	2.1	U	**85-01-8**	**Phenanthrene**	**2.1**	**100**
92-87-5	**Benzidine**	**11**	**54**	**108-95-2**	**Phenol**	**2.1**	**41**
56-55-3	**Benzo[a]anthracene**	**2.1**	**98**	**129-00-0**	**Pyrene**	**2.1**	**95**

Worksheet #: 123973

Total Target Concentration 5600

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

SampleID : AC45774-010(MSD:AC4 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19278.D Sam Mult : 1 Vial# : 11 Qt On : 07/16/09 16:15
Acq On : 07/16/09 15:53 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	37666	40.00	ng	-0.17
23) Naphthalene-d8	6.623	136	143358	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	91097	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	169548	40.00	ng	-0.21
81) Chrysene-d12	12.490	240	176648	40.00	ng	-0.23
96) Perylene-d12	14.084	264	187142	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.382	112	61453	53.42	ng	-0.18
Spiked Amount 100.000			Recovery = 53.42%			
9) Phenol-d5	5.297	99	62216	41.06	ng	-0.16
Spiked Amount 100.000			Recovery = 41.06%			
24) Nitrobenzene-d5	6.061	128	29328	49.34	ng	-0.17
Spiked Amount 50.000			Recovery = 98.68%			
46) 2-Fluorobiphenyl	7.447	172	121553	37.95	ng	-0.18
Spiked Amount 50.000			Recovery = 75.90%			
70) 2,4,6-Tribromophenol	8.746	330	47262	121.07	ng	-0.20
Spiked Amount 100.000			Recovery = 121.07%			
84) Terphenyl-d14	11.250	244	249653	52.14	ng	-0.22
Spiked Amount 50.000			Recovery = 104.28%			
Target Compounds						Qvalue
2) Pyridine	2.702	79	55388	47.97	ng	70
3) N-Nitrosodimethylamine	2.633	74	41777	69.79	ng	79
6) Aniline	5.388	93	90629	56.57	ng	56
8) bis(2-Chloroethyl)ether	5.388	93	90629	82.80	ng	78
10) Phenol	5.307	94	61746	38.53	ng	88
11) 2-Chlorophenol	5.425	128	106398	83.39	ng	77
13) 1,3-Dichlorobenzene	5.553	146	104608	73.06	ng	98
14) 1,4-Dichlorobenzene	5.623	146	109443	74.12	ng	98
15) 1,2-Dichlorobenzene	5.746	146	104924	76.49	ng	98
17) bis(2-chloroisopropyl)...	5.842	45	113389	82.63	ng	86
18) 2-Methylphenol	5.821	108	90531	81.62	ng	96
20) Hexachloroethane	6.024	117	39148	74.43	ng	71
21) N-Nitroso-di-n-propyla...	5.944	70	75983	91.91	ng	72
22) 3&4-Methylphenol	5.949	108	89248	78.19	ng	86
25) Nitrobenzene	6.077	77	110242	92.49	ng	78
26) Isophorone	6.270	82	192423	86.23	ng	82
27) 2-Nitrophenol	6.329	139	63889	103.96	ng	84
28) 2,4-Dimethylphenol	6.361	107	112293	92.12	ng	95
29) Benzoic Acid	6.436	105	30416	44.49	ng	86
30) bis(2-Chloroethoxy)met...	6.436	93	121326	90.48	ng	97
31) 2,4-Dichlorophenol	6.516	162	102018	97.89	ng	84
32) 1,2,4-Trichlorobenzene	6.580	180	102037	84.48	ng	96
33) Naphthalene	6.639	128	326900	86.87	ng	99
35) Hexachlorobutadiene	6.730	225	58845	84.20	ng	96
37) 4-Chloro-3-methylphenol	7.035	107	105720	102.82	ng	77
43) Hexachlorocyclopentadiene	7.281	237	56563	82.63	ng	100
44) 2,4,6-Trichlorophenol	7.383	196	82759	103.74	ng	98
45) 2,4,5-Trichlorophenol	7.409	196	91069	102.82	ng	100
47) 2-Chloronaphthalene	7.548	162	243119	92.54	ng	93
52) Acenaphthylene	7.896	152	396941	90.65	ng	99
53) Dimethylphthalate	7.773	163	304438	100.63	ng	99
54) 2,6-Dinitrotoluene	7.826	165	67154	103.97	ng	60
55) Acenaphthene	8.046	153	257254	91.65	ng	95
57) 2,4-Dinitrophenol	8.062	184	37475	122.06	ng	88
59) 2,4-Dinitrotoluene	8.179	165	96859	112.74	ng	58
60) 4-Nitrophenol	8.105	65	24725	50.27	ng	81
61) 2,3,4,6-Tetrachlorophenol	8.308	232	79252	102.39	ng	82
62) Fluorene	8.516	166	301544	94.39	ng	99
63) 4-Chlorophenyl-phenyle...	8.511	204	148218	99.27	ng	82
64) Diethylphthalate	8.393	149	300229	97.44	ng	98
68) 4,6-Dinitro-2-methylph...	8.554	198	57334	116.71	ng	100
69) n-Nitrosodiphenylamine	8.623	169	224669	75.73	ng	99
71) 1,2-Diphenylhydrazine	8.661	77	279594	88.73	ng	82
72) 4-Bromophenyl-phenylether	8.987	248	97954	103.62	ng	84
73) Hexachlorobenzene	9.051	284	99974	101.06	ng	67
75) Pentachlorophenol	9.249	266	63939	114.23	ng	96
76) Phenanthrene	9.479	178	501073	97.16	ng	100
77) Anthracene	9.533	178	486212	95.31	ng	99
79) Di-n-butylphthalate	10.094	149	564401	101.63	ng	97
80) Fluoranthene	10.800	202	581339	107.89	ng	85
82) Pyrene	11.062	202	584896	89.86	ng	82
83) Benzidine	10.955	184	125580	50.83	ng	84

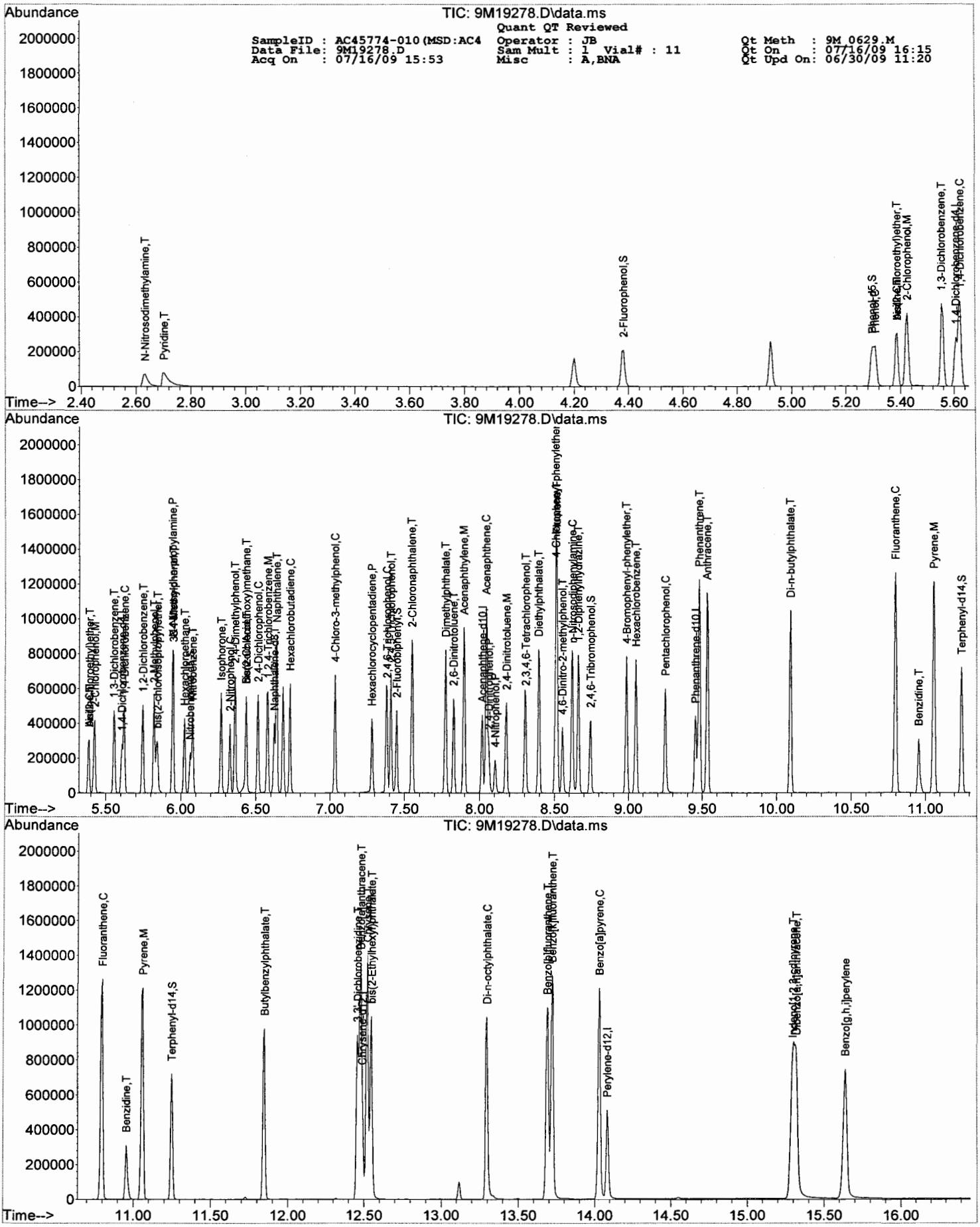
Quantitation Report (QT Reviewed)

SampleID : AC45774-010(MSD:AC4 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19278.D Sam Mult : 1 Vial# : 11 Qt On : 07/16/09 16:15
Acq On : 07/16/09 15:53 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Butylbenzylphthalate	11.849	149	265235	97.08	ng	65
92) 3,3'-Dichlorobenzidine	12.458	252	191390	117.55	ng	96
93) Benzo[a]anthracene	12.480	228	585349	93.52	ng	99
94) Chrysene	12.523	228	568191	93.06	ng	99
95) bis(2-Ethylhexyl)phtha...	12.549	149	356812	95.41	ng	95
97) Di-n-octylphthalate	13.298	149	627912	90.84	ng	100
98) Benzo[b]fluoranthene	13.689	252	544916	91.60	ng	94
99) Benzo[k]fluoranthene	13.721	252	581424	96.46	ng	94
100) Benzo[a]pyrene	14.031	252	545103	96.52	ng	92
101) Indeno[1,2,3-cd]pyrene	15.299	276	581632	101.01	ng	83
102) Dibenzo[a,h]anthracene	15.320	278	487697	102.58	ng	89
103) Benzo[g,h,i]perylene	15.641	276	480407	99.65	ng	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19278.D\data.ms
Quant QT Reviewed
SampleID : AC45774-010(MSD:AC4
Data File: 9M19278.D
Acq On : 07/16/09 15:53
Operator : JB
Sam Mult : 1 Vial# : 11
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 16:15
Qt Upd On: 06/30/09 11:20
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 9M19278.D\data.ms
Isophorone,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
2,4-Dinitrotoluene,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4,6-Dinitro-2-methylphenol,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Pentachlorophenol,C
Phenanthrene,T
Anthracene,I
Di-n-butylphthalate,T
Fluoranthene,C
Pyrene,M
Benzidine,T
Terphenyl-d14,S
Time-->

Abundance
TIC: 9M19278.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-011
Client Id: 1-30-185-GP02
Data File: 9M19279.D
Analysis Date: 07/16/09 16:16
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	86-74-8	Carbazole	2.2	U
95-57-8	2-Chlorophenol	2.2	U	218-01-9	Chrysene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
95-48-7	2-Methylphenol	2.2	U	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	131-11-3	Dimethylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
99-09-2	3-Nitroaniline	2.2	U	206-44-0	Fluoranthene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	118-74-1	Hexachlorobenzene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
106-47-8	4-Chloroaniline	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	67-72-1	Hexachloroethane	2.2	U
100-01-6	4-Nitroaniline	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-02-7	4-Nitrophenol	2.2	U	78-59-1	Isophorone	2.2	U
83-32-9	Acenaphthene	2.2	U	91-20-3	Naphthalene	2.2	U
208-96-8	Acenaphthylene	2.2	U	98-95-3	Nitrobenzene	2.2	U
98-86-2	Acetophenone	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
1912-24-9	Atrazine	2.2	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.2	U	85-01-8	Phenanthrene	2.2	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

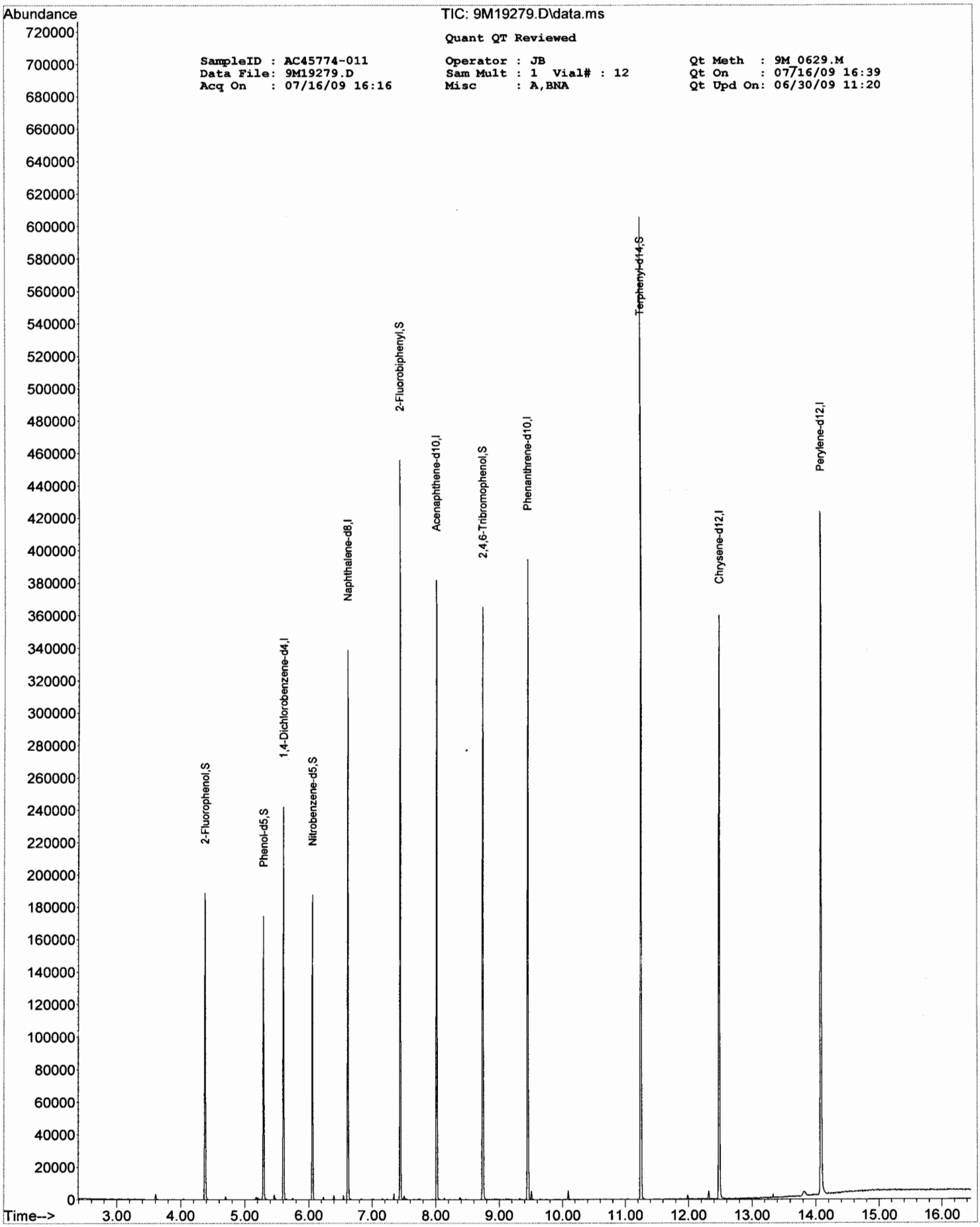
Quantitation Report (QT Reviewed)

SampleID : AC45774-011 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19279.D Sam Mult : 1 Vial# : 12 Qt On : 07/16/09 16:39
Acq On : 07/16/09 16:16 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	34775	40.00	ng	-0.17
23) Naphthalene-d8	6.618	136	133773	40.00	ng	-0.17
41) Acenaphthene-d10	8.014	164	81956	40.00	ng	-0.20
67) Phenanthrene-d10	9.452	188	145299	40.00	ng	-0.21
81) Chrysene-d12	12.485	240	151864	40.00	ng	-0.24
96) Perylene-d12	14.084	264	169650	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.377	112	55182	51.96	ng	-0.19
Spiked Amount 100.000			Recovery = 51.96%			
9) Phenol-d5	5.291	99	52179	37.30	ng	-0.17
Spiked Amount 100.000			Recovery = 37.30%			
24) Nitrobenzene-d5	6.061	128	25070	45.20	ng	-0.17
Spiked Amount 50.000			Recovery = 90.40%			
46) 2-Fluorobiphenyl	7.447	172	124015	43.04	ng	-0.18
Spiked Amount 50.000			Recovery = 86.08%			
70) 2,4,6-Tribromophenol	8.741	330	37215	111.24	ng	-0.21
Spiked Amount 100.000			Recovery = 111.24%			
84) Terphenyl-d14	11.250	244	203335	49.40	ng	-0.22
Spiked Amount 50.000			Recovery = 98.80%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19279.D\data.ms
Quant QT Reviewed
SampleID : AC45774-011
Data File: 9M19279.D
Acq On : 07/16/09 16:16
Operator : JB
Sam Mult : 1 Vial# : 12
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 16:39
Qt Upd On: 06/30/09 11:20
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-012
Client Id: 1-30-185-GP03
Data File: 9M19280.D
Analysis Date: 07/16/09 16:40
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	50-32-8	Benzo[a]pyrene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
120-82-1	1,2,4-Trichlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
122-66-7	1,2-Diphenylhydrazine	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
120-83-2	2,4-Dichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	85-68-7	Butylbenzylphthalate	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	86-74-8	Carbazole	2.1	U
95-57-8	2-Chlorophenol	2.1	U	218-01-9	Chrysene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
95-48-7	2-Methylphenol	2.1	U	132-64-9	Dibenzofuran	2.1	U
88-74-4	2-Nitroaniline	2.1	U	84-66-2	Diethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	131-11-3	Dimethylphthalate	2.1	U
106-44-5	3&4-Methylphenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	117-84-0	Di-n-octylphthalate	2.1	U
99-09-2	3-Nitroaniline	2.1	U	206-44-0	Fluoranthene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	118-74-1	Hexachlorobenzene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
106-47-8	4-Chloroaniline	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	67-72-1	Hexachloroethane	2.1	U
100-01-6	4-Nitroaniline	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-02-7	4-Nitrophenol	2.1	U	78-59-1	Isophorone	2.1	U
83-32-9	Acenaphthene	2.1	U	91-20-3	Naphthalene	2.1	U
208-96-8	Acenaphthylene	2.1	U	98-95-3	Nitrobenzene	2.1	U
98-86-2	Acetophenone	2.1	U	62-75-9	N-Nitrosodimethylamine	2.1	U
62-53-3	Aniline	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	2.1	U
120-12-7	Anthracene	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
1912-24-9	Atrazine	2.1	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.1	U	85-01-8	Phenanthrene	2.1	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

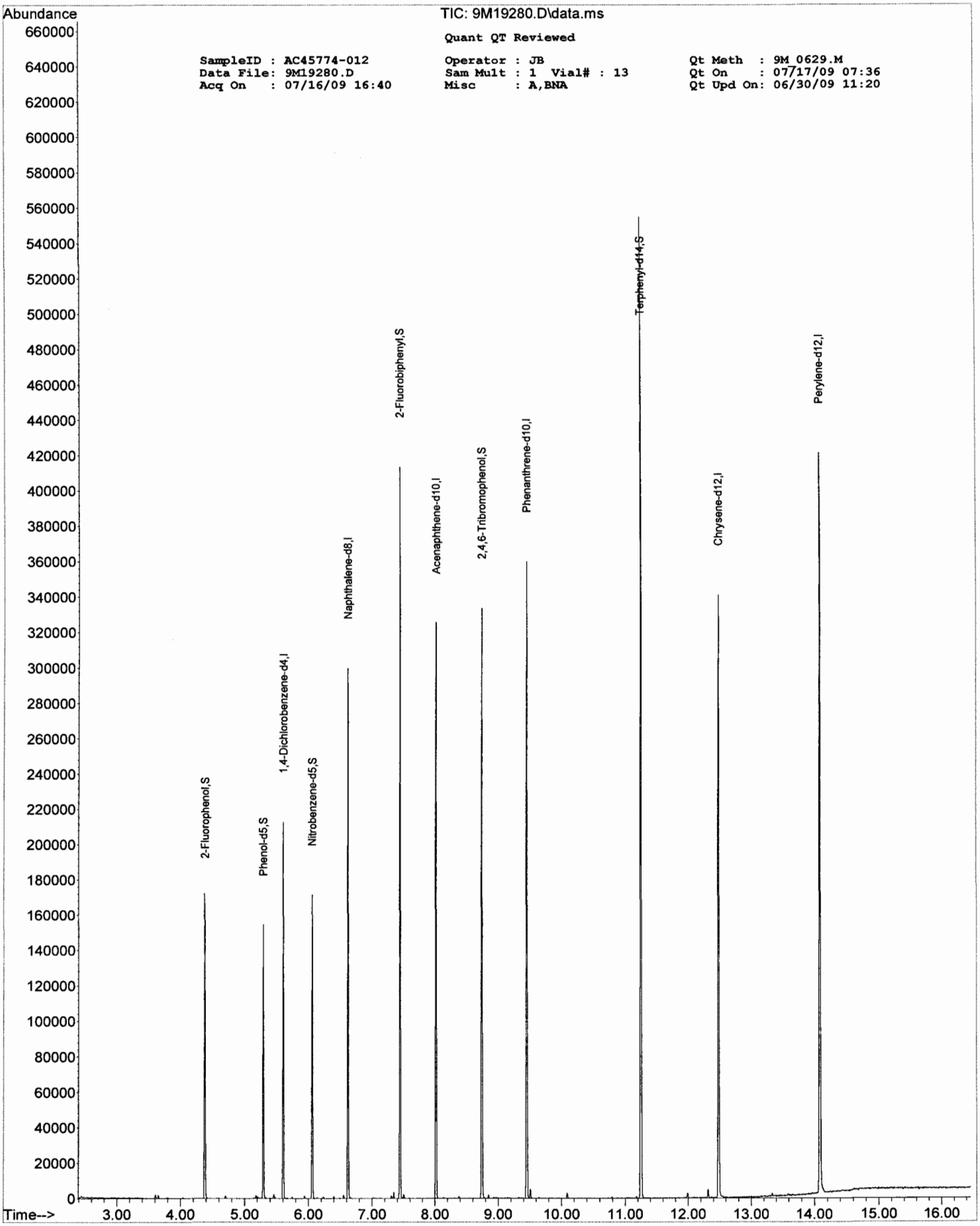
Quantitation Report (QT Reviewed)

SampleID : AC45774-012 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19280.D Sam Mult : 1 Vial# : 13 Qt On : 07/17/09 07:36
Acq On : 07/16/09 16:40 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	30118	40.00	ng	-0.17
23) Naphthalene-d8	6.618	136	117811	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	72753	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	133322	40.00	ng	-0.21
81) Chrysene-d12	12.480	240	144362	40.00	ng	-0.24
96) Perylene-d12	14.079	264	160206	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.382	112	50146	54.51	ng	-0.18
Spiked Amount 100.000			Recovery = 54.51%			
9) Phenol-d5	5.291	99	47165	38.93	ng	-0.17
Spiked Amount 100.000			Recovery = 38.93%			
24) Nitrobenzene-d5	6.061	128	21925	44.89	ng	-0.17
Spiked Amount 50.000			Recovery = 89.78%			
46) 2-Fluorobiphenyl	7.447	172	110547	43.22	ng	-0.18
Spiked Amount 50.000			Recovery = 86.44%			
70) 2,4,6-Tribromophenol	8.741	330	33798	110.11	ng	-0.21
Spiked Amount 100.000			Recovery = 110.11%			
84) Terphenyl-d14	11.250	244	195023	49.84	ng	-0.22
Spiked Amount 50.000			Recovery = 99.68%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19280.D\data.ms
Quant QT Reviewed
SampleID : AC45774-012
Data File: 9M19280.D
Acq On : 07/16/09 16:40
Operator : JB
Sam Mult : 1 Vial# : 13
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/17/09 07:36
Qt Upd On: 06/30/09 11:20
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-013
Client Id: 1-30-185-GP04
Data File: 9M19281.D
Analysis Date: 07/16/09 17:03
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 900ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	86-74-8	Carbazole	2.2	U
95-57-8	2-Chlorophenol	2.2	U	218-01-9	Chrysene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
95-48-7	2-Methylphenol	2.2	U	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	131-11-3	Dimethylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
99-09-2	3-Nitroaniline	2.2	U	206-44-0	Fluoranthene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	118-74-1	Hexachlorobenzene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
106-47-8	4-Chloroaniline	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	67-72-1	Hexachloroethane	2.2	U
100-01-6	4-Nitroaniline	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-02-7	4-Nitrophenol	2.2	U	78-59-1	Isophorone	2.2	U
83-32-9	Acenaphthene	2.2	U	91-20-3	Naphthalene	2.2	U
208-96-8	Acenaphthylene	2.2	U	98-95-3	Nitrobenzene	2.2	U
98-86-2	Acetophenone	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
1912-24-9	Atrazine	2.2	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.2	U	85-01-8	Phenanthrene	2.2	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

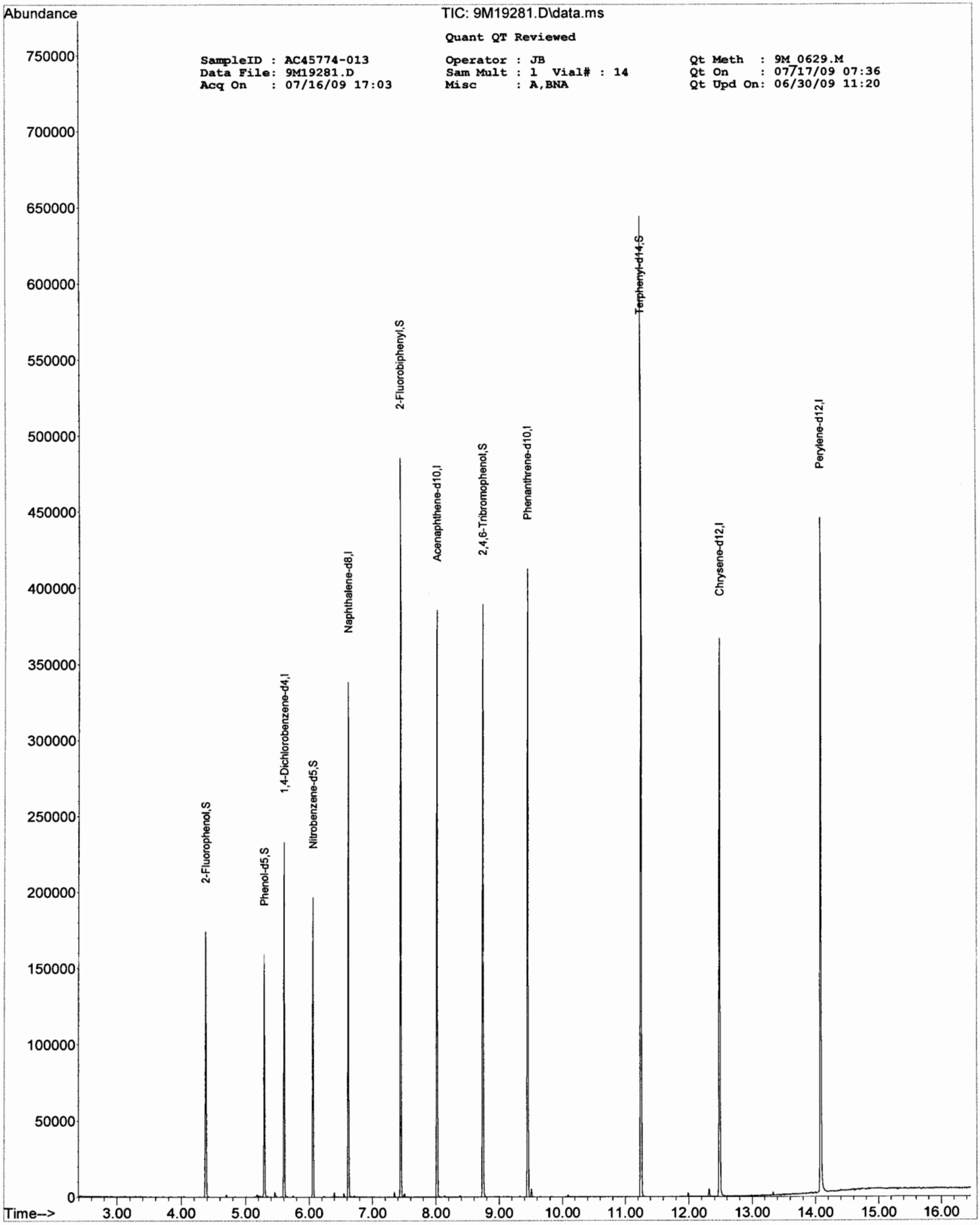
Quantitation Report (QT Reviewed)

SampleID : AC45774-013 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19281.D Sam Mult : 1 Vial# : 14 Qt On : 07/17/09 07:36
Acq On : 07/16/09 17:03 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	33230	40.00	ng	-0.17
23) Naphthalene-d8	6.618	136	134279	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	82987	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	151605	40.00	ng	-0.21
81) Chrysene-d12	12.485	240	159704	40.00	ng	-0.24
96) Perylene-d12	14.079	264	171632	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.376	112	50294	49.56	ng	-0.19
Spiked Amount 100.000			Recovery = 49.56%			
9) Phenol-d5	5.291	99	48506	36.29	ng	-0.17
Spiked Amount 100.000			Recovery = 36.29%			
24) Nitrobenzene-d5	6.061	128	24844	44.63	ng	-0.17
Spiked Amount 50.000			Recovery = 89.26%			
46) 2-Fluorobiphenyl	7.447	172	129117	44.25	ng	-0.18
Spiked Amount 50.000			Recovery = 88.50%			
70) 2,4,6-Tribromophenol	8.741	330	38869	111.36	ng	-0.21
Spiked Amount 100.000			Recovery = 111.36%			
84) Terphenyl-d14	11.249	244	216120	49.93	ng	-0.22
Spiked Amount 50.000			Recovery = 99.86%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19281.D\data.ms
Quant QT Reviewed
SampleID : AC45774-013
Data File: 9M19281.D
Acq On : 07/16/09 17:03
Operator : JB
Sam Mult : 1 Vial# : 14
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/17/09 07:36
Qt Upd On: 06/30/09 11:20
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-014
Client Id: 1-30-185-GP05
Data File: 9M19282.D
Analysis Date: 07/16/09 17:27
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 970ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	50-32-8	Benzo[a]pyrene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
120-82-1	1,2,4-Trichlorobenzene	2.1	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
122-66-7	1,2-Diphenylhydrazine	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	65-85-0	Benzoic Acid	10	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
120-83-2	2,4-Dichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	2.1	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
51-28-5	2,4-Dinitrophenol	10	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	85-68-7	Butylbenzylphthalate	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	86-74-8	Carbazole	2.1	U
95-57-8	2-Chlorophenol	2.1	U	218-01-9	Chrysene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
95-48-7	2-Methylphenol	2.1	U	132-64-9	Dibenzofuran	2.1	U
88-74-4	2-Nitroaniline	2.1	U	84-66-2	Diethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	131-11-3	Dimethylphthalate	2.1	U
106-44-5	3&4-Methylphenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	117-84-0	Di-n-octylphthalate	2.1	U
99-09-2	3-Nitroaniline	2.1	U	206-44-0	Fluoranthene	2.1	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	86-73-7	Fluorene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	118-74-1	Hexachlorobenzene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
106-47-8	4-Chloroaniline	2.1	U	77-47-4	Hexachlorocyclopentadiene	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	67-72-1	Hexachloroethane	2.1	U
100-01-6	4-Nitroaniline	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-02-7	4-Nitrophenol	2.1	U	78-59-1	Isophorone	2.1	U
83-32-9	Acenaphthene	2.1	U	91-20-3	Naphthalene	2.1	U
208-96-8	Acenaphthylene	2.1	U	98-95-3	Nitrobenzene	2.1	U
98-86-2	Acetophenone	2.1	U	62-75-9	N-Nitrosodimethylamine	2.1	U
62-53-3	Aniline	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	2.1	U
120-12-7	Anthracene	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
1912-24-9	Atrazine	2.1	U	87-86-5	Pentachlorophenol	10	U
100-52-7	Benzaldehyde	2.1	U	85-01-8	Phenanthrene	2.1	U
92-87-5	Benzidine	10	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

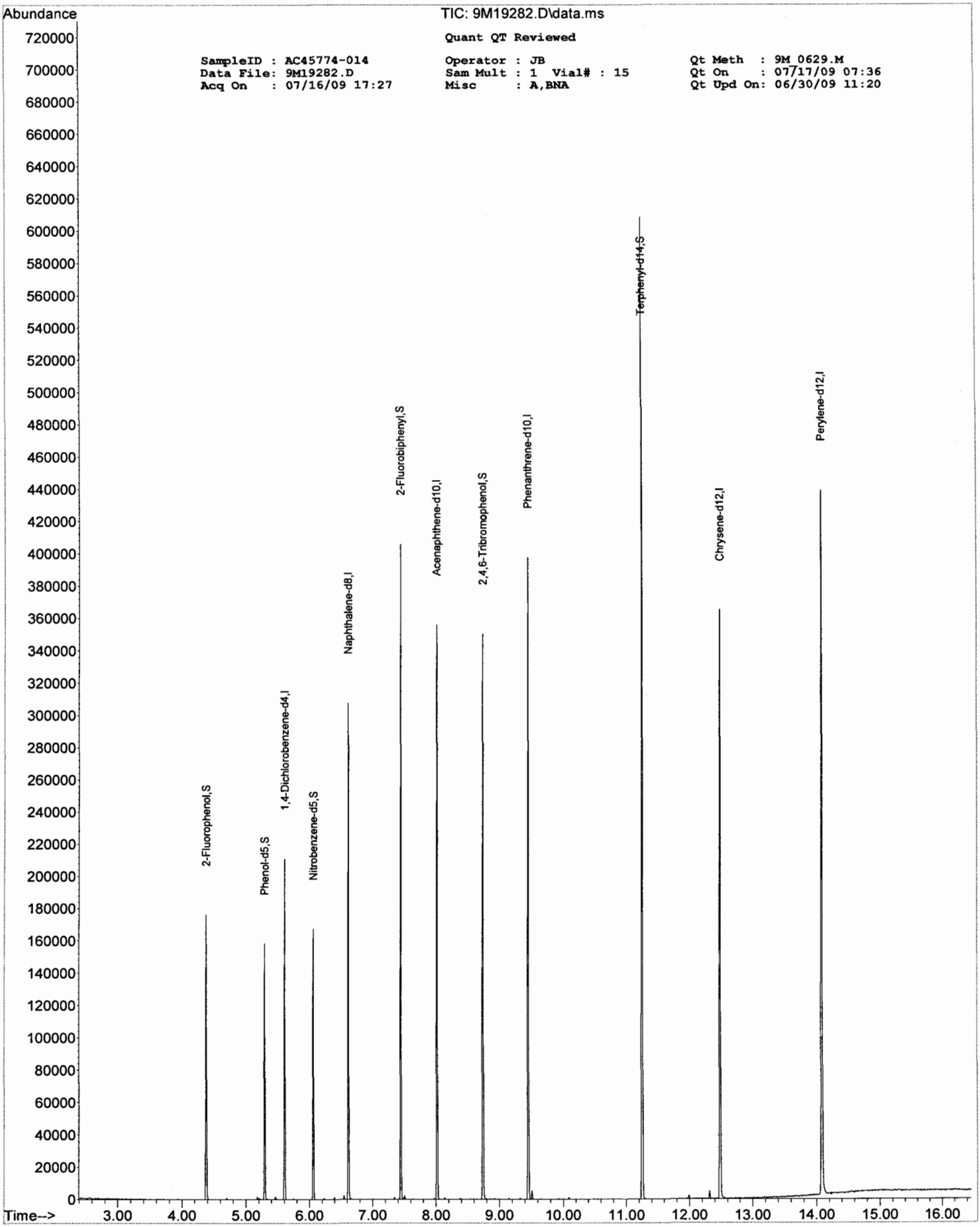
Quantitation Report (QT Reviewed)

SampleID : AC45774-014 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19282.D Sam Mult : 1 Vial# : 15 Qt On : 07/17/09 07:36
Acq On : 07/16/09 17:27 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	30039	40.00	ng	-0.17
23) Naphthalene-d8	6.617	136	122813	40.00	ng	-0.17
41) Acenaphthene-d10	8.013	164	76476	40.00	ng	-0.20
67) Phenanthrene-d10	9.452	188	142281	40.00	ng	-0.21
81) Chrysene-d12	12.485	240	155845	40.00	ng	-0.24
96) Perylene-d12	14.084	264	174402	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.376	112	48925	53.33	ng	-0.19
Spiked Amount 100.000			Recovery = 53.33%			
9) Phenol-d5	5.291	99	47098	38.98	ng	-0.17
Spiked Amount 100.000			Recovery = 38.98%			
24) Nitrobenzene-d5	6.061	128	21744	42.70	ng	-0.17
Spiked Amount 50.000			Recovery = 85.40%			
46) 2-Fluorobiphenyl	7.446	172	110614	41.14	ng	-0.18
Spiked Amount 50.000			Recovery = 82.28%			
70) 2,4,6-Tribromophenol	8.741	330	34729	106.01	ng	-0.21
Spiked Amount 100.000			Recovery = 106.01%			
84) Terphenyl-d14	11.249	244	201952	47.81	ng	-0.22
Spiked Amount 50.000			Recovery = 95.62%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19282.D\data.ms
Quant QT Reviewed
SampleID : AC45774-014
Data File: 9M19282.D
Acq On : 07/16/09 17:27
Operator : JB
Sam Mult : 1 Vial# : 15
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/17/09 07:36
Qt Upd On: 06/30/09 11:20
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-015
Client Id: 1-30-185-SB-DUP01
Data File: 10M05963.D
Analysis Date: 07/17/09 15:14
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.070	U	50-32-8	Benzo[a]pyrene	0.070	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.070	U	205-99-2	Benzo[b]fluoranthene	0.070	U
120-82-1	1,2,4-Trichlorobenzene	0.070	U	191-24-2	Benzo[g,h,i]perylene	0.070	U
122-66-7	1,2-Diphenylhydrazine	0.070	U	207-08-9	Benzo[k]fluoranthene	0.070	U
95-95-4	2,4,5-Trichlorophenol	0.070	U	65-85-0	Benzoic Acid	0.35	U
88-06-2	2,4,6-Trichlorophenol	0.070	U	111-91-1	bis(2-Chloroethoxy)methan	0.070	U
120-83-2	2,4-Dichlorophenol	0.070	U	111-44-4	bis(2-Chloroethyl)ether	0.070	U
105-67-9	2,4-Dimethylphenol	0.070	U	108-60-1	bis(2-chloroisopropyl)ether	0.070	U
51-28-5	2,4-Dinitrophenol	0.35	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.070	U
121-14-2	2,4-Dinitrotoluene	0.070	U	85-68-7	Butylbenzylphthalate	0.070	U
606-20-2	2,6-Dinitrotoluene	0.070	U	105-60-2	Caprolactam	0.070	U
91-58-7	2-Chloronaphthalene	0.070	U	86-74-8	Carbazole	0.070	U
95-57-8	2-Chlorophenol	0.070	U	218-01-9	Chrysene	0.070	U
91-57-6	2-Methylnaphthalene	0.070	U	53-70-3	Dibenzo[a,h]anthracene	0.070	U
95-48-7	2-Methylphenol	0.070	U	132-64-9	Dibenzofuran	0.070	U
88-74-4	2-Nitroaniline	0.070	U	84-66-2	Diethylphthalate	0.070	U
88-75-5	2-Nitrophenol	0.070	U	131-11-3	Dimethylphthalate	0.070	U
106-44-5	3&4-Methylphenol	0.070	U	84-74-2	Di-n-butylphthalate	0.070	U
91-94-1	3,3'-Dichlorobenzidine	0.070	U	117-84-0	Di-n-octylphthalate	0.070	U
99-09-2	3-Nitroaniline	0.070	U	206-44-0	Fluoranthene	0.070	U
534-52-1	4,6-Dinitro-2-methylphenol	0.35	U	86-73-7	Fluorene	0.070	U
101-55-3	4-Bromophenyl-phenylether	0.070	U	118-74-1	Hexachlorobenzene	0.070	U
59-50-7	4-Chloro-3-methylphenol	0.070	U	87-68-3	Hexachlorobutadiene	0.070	U
106-47-8	4-Chloroaniline	0.070	U	77-47-4	Hexachlorocyclopentadiene	0.35	U
7005-72-3	4-Chlorophenyl-phenylether	0.070	U	67-72-1	Hexachloroethane	0.070	U
100-01-6	4-Nitroaniline	0.070	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.070	U
100-02-7	4-Nitrophenol	0.070	U	78-59-1	Isophorone	0.070	U
83-32-9	Acenaphthene	0.070	U	91-20-3	Naphthalene	0.070	U
208-96-8	Acenaphthylene	0.070	U	98-95-3	Nitrobenzene	0.070	U
98-86-2	Acetophenone	0.070	U	62-75-9	N-Nitrosodimethylamine	0.070	U
62-53-3	Aniline	0.070	U	621-64-7	N-Nitroso-di-n-propylamine	0.070	U
120-12-7	Anthracene	0.070	U	86-30-6	n-Nitrosodiphenylamine	0.070	U
1912-24-9	Atrazine	0.070	U	87-86-5	Pentachlorophenol	0.35	U
100-52-7	Benzaldehyde	0.070	U	85-01-8	Phenanthrene	0.070	U
92-87-5	Benzidine	0.35	U	108-95-2	Phenol	0.070	U
56-55-3	Benzo[a]anthracene	0.070	U	129-00-0	Pyrene	0.070	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

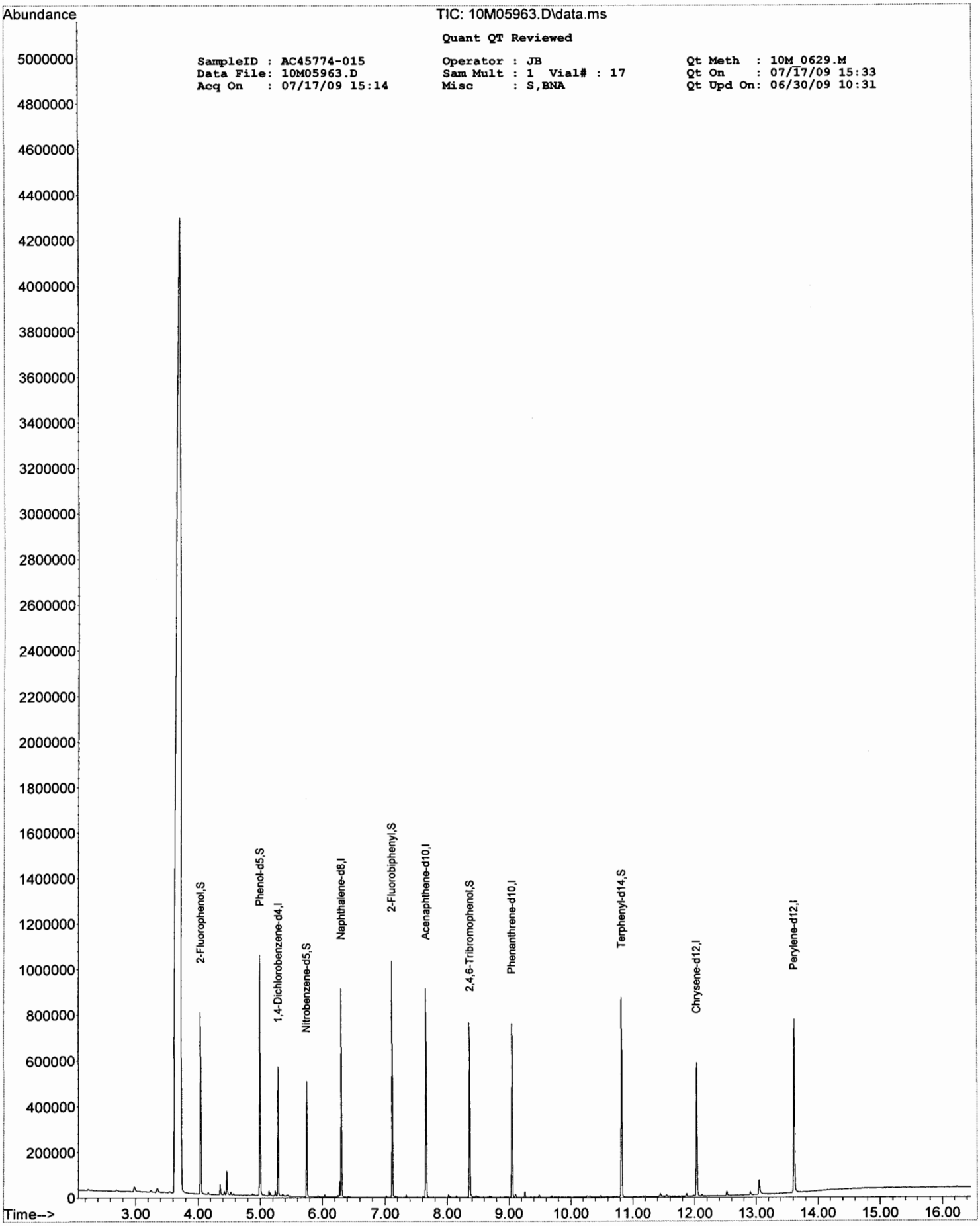
SampleID : AC45774-015 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05963.D Sam Mult : 1 Vial# : 17 Qt On : 07/17/09 15:33
Acq On : 07/17/09 15:14 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	80436	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	300678	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	165010	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	269386	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	236164	40.00	ng	-0.07
96) Perylene-d12	13.618	264	278208	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	220964	84.76	ng	-0.05
Spiked Amount 100.000			Recovery = 84.76%			
9) Phenol-d5	4.996	99	284204	81.95	ng	-0.04
Spiked Amount 100.000			Recovery = 81.95%			
24) Nitrobenzene-d5	5.751	128	57654	44.22	ng	-0.05
Spiked Amount 50.000			Recovery = 88.44%			
46) 2-Fluorobiphenyl	7.114	172	252721	45.32	ng	-0.06
Spiked Amount 50.000			Recovery = 90.64%			
70) 2,4,6-Tribromophenol	8.366	330	91937	106.46	ng	-0.06
Spiked Amount 100.000			Recovery = 106.46%			
84) Terphenyl-d14	10.826	244	306395	47.16	ng	-0.06
Spiked Amount 50.000			Recovery = 94.32%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05963.D\data.ms
Quant QT Reviewed
SampleID : AC45774-015
Data File: 10M05963.D
Acq On : 07/17/09 15:14
Operator : JB
Sam Mult : 1 Vial# : 17
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 15:33
Qt Upd On: 06/30/09 10:31
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4800000
4600000
4400000
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4000000
3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-016
Client Id: 1-30-185-GP-DUP01
Data File: 9M19283.D
Analysis Date: 07/16/09 17:50
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 910ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
122-66-7	1,2-Diphenylhydrazine	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	65-85-0	Benzoic Acid	11	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
120-83-2	2,4-Dichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	2.2	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	85-68-7	Butylbenzylphthalate	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	86-74-8	Carbazole	2.2	U
95-57-8	2-Chlorophenol	2.2	U	218-01-9	Chrysene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
95-48-7	2-Methylphenol	2.2	U	132-64-9	Dibenzofuran	2.2	U
88-74-4	2-Nitroaniline	2.2	U	84-66-2	Diethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	131-11-3	Dimethylphthalate	2.2	U
106-44-5	3&4-Methylphenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	117-84-0	Di-n-octylphthalate	2.2	U
99-09-2	3-Nitroaniline	2.2	U	206-44-0	Fluoranthene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	86-73-7	Fluorene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	118-74-1	Hexachlorobenzene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
106-47-8	4-Chloroaniline	2.2	U	77-47-4	Hexachlorocyclopentadiene	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	67-72-1	Hexachloroethane	2.2	U
100-01-6	4-Nitroaniline	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-02-7	4-Nitrophenol	2.2	U	78-59-1	Isophorone	2.2	U
83-32-9	Acenaphthene	2.2	U	91-20-3	Naphthalene	2.2	U
208-96-8	Acenaphthylene	2.2	U	98-95-3	Nitrobenzene	2.2	U
98-86-2	Acetophenone	2.2	U	62-75-9	N-Nitrosodimethylamine	2.2	U
62-53-3	Aniline	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	2.2	U
120-12-7	Anthracene	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
1912-24-9	Atrazine	2.2	U	87-86-5	Pentachlorophenol	11	U
100-52-7	Benzaldehyde	2.2	U	85-01-8	Phenanthrene	2.2	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

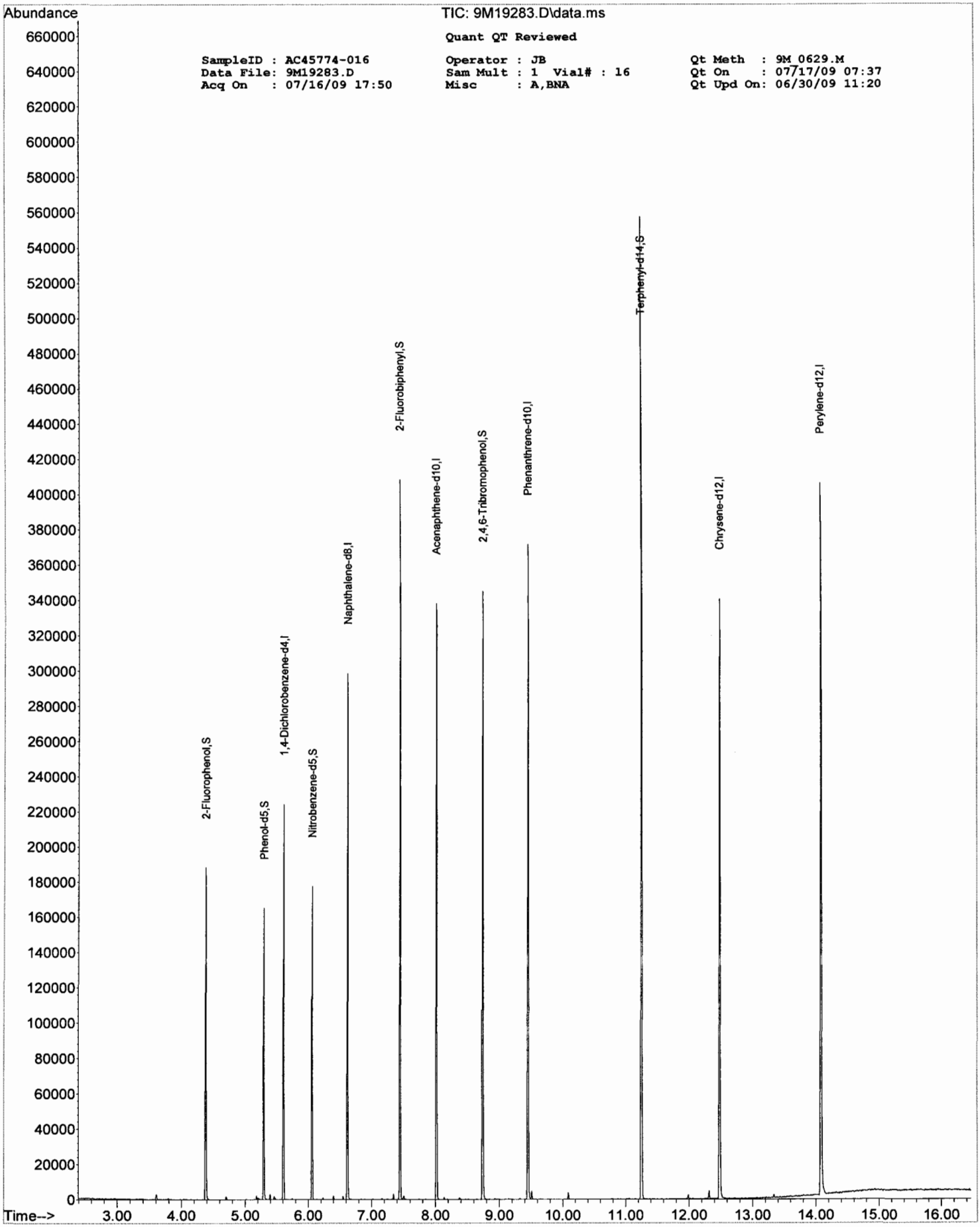
Quantitation Report (QT Reviewed)

SampleID : AC45774-016 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19283.D Sam Mult : 1 Vial# : 16 Qt On : 07/17/09 07:37
Acq On : 07/16/09 17:50 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	31153	40.00	ng	-0.17
23) Naphthalene-d8	6.618	136	119572	40.00	ng	-0.17
41) Acenaphthene-d10	8.014	164	72630	40.00	ng	-0.20
67) Phenanthrene-d10	9.452	188	135281	40.00	ng	-0.21
81) Chrysene-d12	12.480	240	142679	40.00	ng	-0.24
96) Perylene-d12	14.079	264	159414	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.376	112	54220	56.99	ng	-0.19
Spiked Amount 100.000			Recovery = 56.99%			
9) Phenol-d5	5.291	99	51017	40.71	ng	-0.17
Spiked Amount 100.000			Recovery = 40.71%			
24) Nitrobenzene-d5	6.061	128	21622	43.62	ng	-0.17
Spiked Amount 50.000			Recovery = 87.24%			
46) 2-Fluorobiphenyl	7.447	172	109011	42.69	ng	-0.18
Spiked Amount 50.000			Recovery = 85.38%			
70) 2,4,6-Tribromophenol	8.741	330	33185	106.54	ng	-0.21
Spiked Amount 100.000			Recovery = 106.54%			
84) Terphenyl-d14	11.249	244	191286	49.46	ng	-0.22
Spiked Amount 50.000			Recovery = 98.92%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19283.D\data.ms
Quant QT Reviewed
SampleID : AC45774-016
Data File: 9M19283.D
Acq On : 07/16/09 17:50
Operator : JB
Sam Mult : 1 Vial# : 16
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/17/09 07:37
Qt Upd On: 06/30/09 11:20
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC45774-017
Client Id: 1-30-185-Rinsate 01
Data File: 9M19284.D
Analysis Date: 07/16/09 18:14
Date Rec/Extracted: 07/15/09-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 990ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	50-32-8	Benzo[a]pyrene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
122-66-7	1,2-Diphenylhydrazine	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	65-85-0	Benzoic Acid	10	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
120-83-2	2,4-Dichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	85-68-7	Butylbenzylphthalate	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	86-74-8	Carbazole	2.0	U
95-57-8	2-Chlorophenol	2.0	U	218-01-9	Chrysene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
95-48-7	2-Methylphenol	2.0	U	132-64-9	Dibenzofuran	2.0	U
88-74-4	2-Nitroaniline	2.0	U	84-66-2	Diethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	131-11-3	Dimethylphthalate	2.0	U
106-44-5	3&4-Methylphenol	2.0	U	84-74-2	Di-n-butylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	117-84-0	Di-n-octylphthalate	2.0	U
99-09-2	3-Nitroaniline	2.0	U	206-44-0	Fluoranthene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	86-73-7	Fluorene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	118-74-1	Hexachlorobenzene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
106-47-8	4-Chloroaniline	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	67-72-1	Hexachloroethane	2.0	U
100-01-6	4-Nitroaniline	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-02-7	4-Nitrophenol	2.0	U	78-59-1	Isophorone	2.0	U
83-32-9	Acenaphthene	2.0	U	91-20-3	Naphthalene	2.0	U
208-96-8	Acenaphthylene	2.0	U	98-95-3	Nitrobenzene	2.0	U
98-86-2	Acetophenone	2.0	U	62-75-9	N-Nitrosodimethylamine	2.0	U
62-53-3	Aniline	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	2.0	U
120-12-7	Anthracene	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
1912-24-9	Atrazine	2.0	U	87-86-5	Pentachlorophenol	10	U
100-52-7	Benzaldehyde	2.0	U	85-01-8	Phenanthrene	2.0	U
92-87-5	Benzidine	10	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

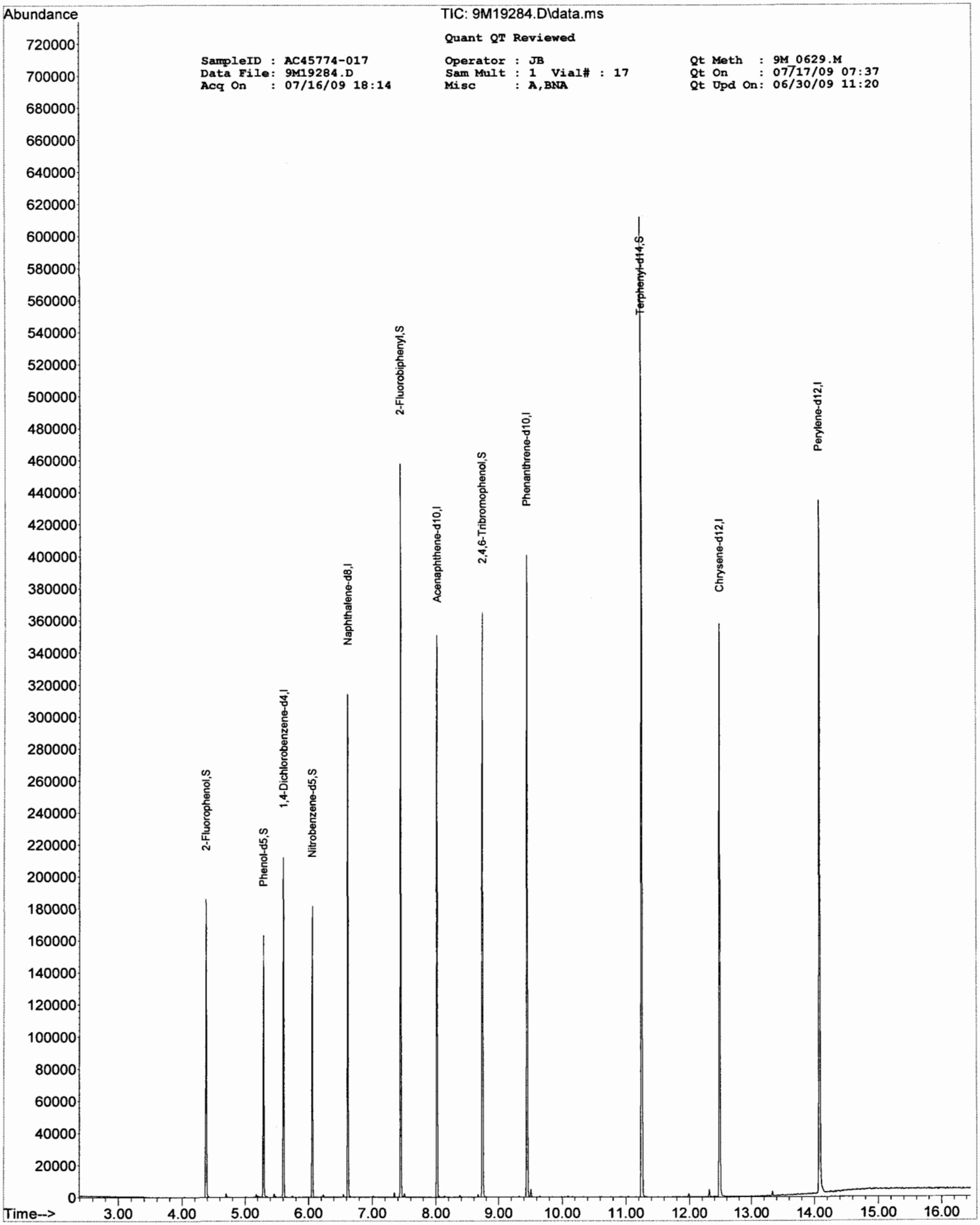
Quantitation Report (QT Reviewed)

SampleID : AC45774-017 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19284.D Sam Mult : 1 Vial# : 17 Qt On : 07/17/09 07:37
Acq On : 07/16/09 18:14 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	30756	40.00	ng	-0.17
23) Naphthalene-d8	6.618	136	123403	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	76159	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	146778	40.00	ng	-0.21
81) Chrysene-d12	12.485	240	153565	40.00	ng	-0.24
96) Perylene-d12	14.079	264	168084	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.377	112	52235	55.61	ng	-0.19
Spiked Amount 100.000			Recovery = 55.61%			
9) Phenol-d5	5.291	99	49043	39.64	ng	-0.17
Spiked Amount 100.000			Recovery = 39.64%			
24) Nitrobenzene-d5	6.061	128	23276	45.49	ng	-0.17
Spiked Amount 50.000			Recovery = 90.98%			
46) 2-Fluorobiphenyl	7.447	172	119133	44.49	ng	-0.18
Spiked Amount 50.000			Recovery = 88.98%			
70) 2,4,6-Tribromophenol	8.741	330	35544	105.18	ng	-0.21
Spiked Amount 100.000			Recovery = 105.18%			
84) Terphenyl-d14	11.250	244	210978	50.69	ng	-0.22
Spiked Amount 50.000			Recovery = 101.38%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed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SampleID : AC45774-017
Data File: 9M19284.D
Acq On : 07/16/09 18:14
Operator : JB
Sam Mult : 1 Vial# : 17
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/17/09 07:37
Qt Upd On: 06/30/09 11:20
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

GC/MS Semi-Volatile Data
Standards Data

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

0569

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M18903.	CAL BNA@50PPM	06/29/09 12:14	2	9M18902.	CAL BNA@2PPM	06/29/09 11:51
3	9M18901.	CAL BNA@10PPM	06/29/09 11:27	4	9M18900.	CAL BNA@20PPM	06/29/09 11:03
5	9M18899.	CAL BNA@80PPM	06/29/09 10:39	6	9M18898.	CAL BNA@120PPM	06/29/09 10:15
7	9M18897.	CAL BNA@160PPM	06/29/09 09:51	8	9M18896.	CAL BNA@196PPM	06/29/09 09:28

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.1568	0.9215	1.3351	1.3266	1.2460	1.1836	1.2705	1.3695	-----	1.23	2.98	0.994	0.998	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.6116	0.5174	0.6863	0.6728	0.6401	0.6289	0.6362	0.6922	-----	0.636	2.91	0.996	0.998	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.1380	1.2124	1.3614	1.2573	1.2056	1.1595	1.1903	1.2485	-----	1.22	4.56	0.998	0.999	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	0.9559	1.0498	1.1693	1.0907	0.8381	0.6109	0.3221	0.2550	-----	0.787	5.40	0.813	0.998	45		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Avg	1.7889	1.3664	1.8394	1.8647	1.7175	1.6171	1.6225	1.7933	-----	1.70	5.49	0.994	0.996	9.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.5016	0.5860	0.5846	0.5606	0.5163	0.4870	0.4925	0.5182	-----	0.531	5.54	0.998	0.999	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.1035	1.3046	1.3044	1.2698	1.1275	1.0570	1.0299	1.1023	-----	1.16	5.55	0.997	0.998	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.5243	1.6067	1.7716	1.6863	1.5766	1.5368	1.5418	1.6276	-----	1.61	5.46	0.998	0.999	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.6356	1.8229	1.8814	1.7745	1.6508	1.5771	1.5872	1.6860	-----	1.70	5.47	0.998	0.999	6.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3012	1.3673	1.4888	1.4317	1.3436	1.2700	1.2815	1.3549	-----	1.35	5.60	0.998	0.999	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.1882	1.4419	1.4646	1.3428	1.1940	1.1038	1.0937	1.1469	-----	1.25	5.64	0.998	0.998	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.3-Dichlorobenzene	1	0	Avg	1.4558	1.7422	1.7149	1.6279	1.4332	1.3696	1.3719	1.4480	-----	1.52	5.73	0.998	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dichlorobenzene	1	0	Avg	1.4967	1.8087	1.8262	1.6433	1.4837	1.3908	1.4045	1.4910	-----	1.57	5.79	0.997	0.998	11	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Dichlorobenzene	1	0	Avg	1.3866	1.7002	1.6238	1.5559	1.3969	1.3189	1.3029	1.3679	-----	1.46	5.92	0.998	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.8313	0.8439	0.9553	0.9129	0.8543	0.8086	0.8151	0.8539	-----	0.859	5.89	0.998	0.999	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	1.3905	1.6689	1.6416	1.5421	1.4020	1.3249	1.3274	1.3610	-----	1.46	6.00	0.999	0.999	9.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.1139	1.2038	1.2933	1.2700	1.1590	1.1047	1.1086	1.1690	-----	1.18	5.98	0.998	0.999	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.7698	2.2004	2.1897	2.0353	1.7627	1.6138	1.6653	1.7201	-----	1.87	6.10	0.998	0.998	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5291	0.6036	0.6397	0.6006	0.5389	0.5067	0.5121	0.5371	-----	0.559	6.20	0.998	0.999	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.8417	0.9884	1.0122	0.9534	0.8273	0.7723	0.8009	0.8267	-----	0.878	6.11	0.998	0.999	11	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.1735	1.2900	1.3981	1.3458	1.1648	1.0837	1.1048	1.1362	-----	1.21	6.10	0.999	0.999	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1635	0.1480	0.1819	0.1736	0.1638	0.1626	0.1633	0.1697	-----	0.166	6.23	0.999	1.00	5.9		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3203	0.3432	0.3774	0.3538	0.3201	0.3132	0.3072	0.3249	-----	0.333	6.24	0.998	0.999	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6011	0.6616	0.7019	0.6525	0.5929	0.5828	0.5762	0.6116	-----	0.623	6.43	0.998	0.999	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1691	0.1439	0.1817	0.1674	0.1793	0.1748	0.1754	0.1800	-----	0.171	6.49	1.00	1.00	7.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dimethylphenol	1	0	Avg	0.3300	0.3404	0.3778	0.3550	0.3373	0.3197	0.3209	0.3394	-----	0.340	6.52	0.998	0.999	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.1819	-----	0.1268	0.1690	0.2223	0.2313	0.2396	0.2530	-----	0.203	6.59	0.995	0.999	22		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3657	0.4085	0.4303	0.3929	0.3601	0.3428	0.3393	0.3532	-----	0.374	6.60	0.999	0.999	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dichlorophenol	1	0	Avg	0.2792	0.2750	0.3211	0.3050	0.2906	0.2835	0.2760	0.2956	-----	0.291	6.68	0.998	0.998	5.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4-Trichlorobenzene	1	0	Avg	0.3194	0.3877	0.3816	0.3539	0.3203	0.3115	0.3005	0.3209	-----	0.337	6.74	0.998	0.998	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0004	1.2008	1.2200	1.1083	1.0000	0.9588	0.9305	0.9808	-----	1.05	6.80	0.998	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Qua	0.3944	0.3448	0.4125	0.4194	0.3468	0.2757	0.2443	0.2318	-----	0.334	6.84	0.958	0.992	22		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.1838	0.2192	0.2200	0.2025	0.1870	0.1808	0.1788	0.1876	-----	0.195	6.90	0.999	0.999	8.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1115	0.0876	0.1236	0.1215	0.1134	0.1145	0.1125	0.1174	-----	0.113	7.12	0.999	0.999	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.2807	0.2610	0.3116	0.3043	0.2848	0.2763	0.2776	0.2985	-----	0.287	7.21	0.997	0.998	5.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.6532	0.7478	0.7872	0.7083	0.6479	0.6203	0.6123	0.6438	-----	0.678	7.34	0.999	0.999	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.6532	0.7478	0.7872	0.7083	0.6479	0.6203	0.6123	0.6438	-----	0.678	7.34	0.999	0.999	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.1'-Biphenyl	1	0	Avg	0.8810	1.0147	1.0457	0.9547	0.8600	0.8334	0.8115	0.8550	-----	0.907	7.71	0.999	0.999	9.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4.5-Tetrachloroben	1	0	Avg	0.6325	0.7773	0.7634	0.6862	0.6445	0.5879	0.5837	0.6062	-----	0.660	7.47	0.998	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.2800	0.1440	0.2560	0.2715	0.3207	0.3147	0.3214	0.3338	-----	0.280	7.46	0.998	0.999	22	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Trichlorophenol	1	0	Avg	0.3493	0.3075	0.3802	0.3690	0.3637	0.3427	0.3406	0.3490	-----	0.350	7.56	0.998	0.999	6.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.3

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

0570

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M18903.	CAL BNA@50PPM	06/29/09 12:14	2	9M18902.	CAL BNA@2PPM	06/29/09 11:51
3	9M18901.	CAL BNA@10PPM	06/29/09 11:27	4	9M18900.	CAL BNA@20PPM	06/29/09 11:03
5	9M18899.	CAL BNA@80PPM	06/29/09 10:39	6	9M18898.	CAL BNA@120PPM	06/29/09 10:15
7	9M18897.	CAL BNA@160PPM	06/29/09 09:51	8	9M18896.	CAL BNA@196PPM	06/29/09 09:28

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.3736	0.3489	0.4305	0.4267	0.3970	0.3746	0.3715	0.3882	-----	0.389	7.59	0.999	0.999	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.3610	1.5638	1.5820	1.5095	1.3757	1.2751	1.2624	1.3203	-----	1.41	7.62	0.994	0.998	9.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1262	1.3072	1.3167	1.2394	1.1294	1.0339	1.0187	1.0572	-----	1.15	7.74	0.998	0.998	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthalei	1	0	Avg	1.0494	1.2223	1.2302	1.1675	1.0256	0.9535	0.9325	0.9642	-----	1.07	8.01	0.998	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	1.0494	1.2223	1.2302	1.1675	1.0256	0.9535	0.9325	0.9642	-----	1.07	8.01	0.998	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8649	1.0019	1.0328	0.9280	0.8627	0.7928	0.7873	0.8389	-----	0.889	7.79	0.997	0.997	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.3703	0.3373	0.4016	0.3957	0.3803	0.3580	0.3516	0.3688	-----	0.371	7.81	0.999	0.999	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.9049	2.0392	2.1880	2.1133	1.8623	1.7722	1.7265	1.7755	-----	1.92	8.09	0.999	0.999	8.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.2591	1.4465	1.5155	1.4409	1.2996	1.2161	1.1900	1.2587	-----	1.33	7.95	0.998	0.998	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.2894	0.2375	0.3129	0.3155	0.2912	0.2761	0.2695	0.2766	-----	0.284	8.01	0.999	0.999	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2045	1.4290	1.4014	1.3105	1.1834	1.1168	1.0821	1.1318	-----	1.23	8.24	0.998	0.998	11	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3209	0.2729	0.3336	0.3430	0.3112	0.2696	0.2481	0.2549	-----	0.294	8.16	0.990	0.996	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.0985	-----	0.0589	0.0848	0.1315	0.1392	0.1436	0.1498	-----	0.115	8.25	0.997	0.999	30	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.6669	1.9599	1.9176	1.8140	1.6433	1.5167	1.5025	1.5892	-----	1.70	8.39	0.998	0.998	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.3926	0.2677	0.3823	0.4055	0.4002	0.3897	0.3801	0.3993	-----	0.377	8.37	0.999	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.2020	0.1141	0.2100	0.2196	0.2190	0.2101	0.2094	0.2228	-----	0.201	8.29	0.998	0.999	18	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3450	0.2508	0.3635	0.3632	0.3512	0.3440	0.3445	0.3563	-----	0.340	8.50	0.999	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.3835	1.5344	1.6065	1.5055	1.3563	1.2766	1.2645	1.2942	-----	1.40	8.72	0.998	0.999	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.6360	0.7172	0.7345	0.6853	0.6352	0.6051	0.6013	0.6296	-----	0.656	8.71	0.999	0.999	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3422	1.4250	1.5211	1.4622	1.3303	1.2467	1.2185	1.2775	-----	1.35	8.59	0.998	0.998	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3680	0.2920	0.3943	0.3778	0.3700	0.3492	0.3390	0.3579	-----	0.356	8.72	0.998	0.998	8.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4028	0.3634	0.4420	0.4279	0.4166	0.3983	0.3900	0.4170	-----	0.407	9.35	0.998	0.998	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Qua	0.0978	-----	0.0720	0.0909	0.1156	0.1195	0.1190	0.1285	-----	0.106	8.75	0.997	0.999	19		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6964	0.7313	0.8078	0.7584	0.6850	0.6414	0.6216	0.6572	-----	0.700	8.82	0.998	0.998	9.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.0882	0.0634	0.0928	0.0921	0.0980	0.0975	0.0984	0.1059	-----	0.0921	8.95	0.997	0.999	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.7255	0.7488	0.8645	0.8282	0.7266	0.6895	0.6601	0.7035	-----	0.743	8.86	0.998	0.998	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2169	0.2170	0.2433	0.2268	0.2213	0.2146	0.2149	0.2289	-----	0.223	9.20	0.998	0.999	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2211	0.2445	0.2574	0.2449	0.2258	0.2205	0.2195	0.2333	-----	0.233	9.26	0.997	0.997	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.4436	0.4010	0.4949	0.4781	0.4320	0.4067	0.3848	0.4105	-----	0.431	9.53	0.997	0.997	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1163	-----	0.0823	0.1073	0.1361	0.1349	0.1386	0.1471	-----	0.123	9.46	0.998	0.999	18	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.1674	1.4015	1.3882	1.3057	1.1701	1.0817	1.0787	1.1403	-----	1.22	9.69	0.998	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.1884	1.2591	1.3665	1.2885	1.1723	1.1128	1.0870	1.1537	-----	1.20	9.75	0.998	0.998	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.1618	1.2150	1.3341	1.2713	1.1659	1.1165	1.0794	1.1265	-----	1.18	9.92	0.999	0.999	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.3383	1.0825	1.4465	1.4218	1.3461	1.2758	1.2571	1.3133	-----	1.31	10.30	0.999	0.999	8.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.2357	1.1776	1.4174	1.3689	1.3026	1.1992	1.1983	1.2699	-----	1.27	11.02	0.998	0.998	6.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.4493	1.4927	1.6459	1.5733	1.4480	1.3639	1.3745	1.4426	-----	1.47	11.29	0.998	0.999	6.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.5567	0.2512	0.4467	0.5584	0.4843	0.3121	0.1740	-----	-----	0.398	11.17	0.603	0.995	38		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	1.0528	1.1086	1.1563	1.1200	1.0503	1.0160	1.0335	1.1354	-----	1.08	11.47	0.995	0.997	4.8		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
p.p'-DDE	1	0	Avg	0.3090	0.3201	0.3397	0.3198	0.3089	0.2992	0.3098	0.3309	-----	0.317	11.41	0.997	0.999	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0669	0.0603	0.0751	0.0714	0.0674	0.0666	0.0656	0.0719	-----	0.0682	11.74	0.996	0.998	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
p.p'-DDD	1	0	Avg	0.5015	0.4432	0.5410	0.5147	0.5104	0.4918	0.5024	0.5353	-----	0.505	11.81	0.997	0.999	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.3

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

0571

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M18903.	CAL BNA@50PPM	06/29/09 12:14	2	9M18902.	CAL BNA@2PPM	06/29/09 11:51
3	9M18901.	CAL BNA@10PPM	06/29/09 11:27	4	9M18900.	CAL BNA@20PPM	06/29/09 11:03
5	9M18899.	CAL BNA@80PPM	06/29/09 10:39	6	9M18898.	CAL BNA@120PPM	06/29/09 10:15
7	9M18897.	CAL BNA@160PPM	06/29/09 09:51	8	9M18896.	CAL BNA@196PPM	06/29/09 09:28

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.6366	0.4847	0.6392	0.6580	0.6410	0.6220	0.6158	0.6516	-----	0.619	12.06	0.998	0.999	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0381	0.0309	0.0450	0.0420	0.0378	0.0364	0.0359	0.0391	-----	0.0382	11.74	0.996	0.997	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDT	1	0	Avg	0.4918	0.3324	0.4901	0.4967	0.5124	0.5052	0.5124	0.5507	-----	0.487	12.16	0.997	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0467	0.0328	0.0517	0.0510	0.0508	0.0481	0.0502	0.0535	-----	0.0481	12.65	0.996	0.999	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.3970	0.3526	0.4342	0.4083	0.3729	0.3158	0.2996	-----	-----	0.369	12.68	0.984	0.998	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Benzo[a]anthracene	1	0	Avg	1.4083	1.4741	1.5887	1.5005	1.3732	1.3127	1.3092	1.3713	-----	1.42	12.71	0.999	0.999	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.3294	1.5459	1.5766	1.4768	1.3244	1.2575	1.2388	1.3109	-----	1.38	12.75	0.998	0.998	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.8678	0.6474	0.9242	0.9237	0.8759	0.8375	0.8285	0.8696	-----	0.847	12.76	0.999	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	LinF	1.3726	0.8308	1.3963	1.4444	1.4710	1.4160	1.4059	1.5566	-----	1.36	13.51	0.995	0.997	16	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.1856	1.2255	1.3456	1.2842	1.2254	1.2767	1.2287	1.4001	-----	1.27	13.93	0.992	0.996	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.2954	1.2802	1.4331	1.3931	1.3076	1.2122	1.1650	1.2196	-----	1.29	13.96	0.998	0.998	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.2062	1.0896	1.2669	1.2467	1.2256	1.1993	1.1576	1.2652	-----	1.21	14.28	0.997	0.997	5.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.1931	1.1039	1.2854	1.2742	1.2495	1.2287	1.2027	1.3085	-----	1.23	15.64	0.997	0.998	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	0.9936	0.9098	1.0669	1.0500	1.0252	1.0144	0.9853	1.0841	-----	1.02	15.66	0.996	0.998	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.0053	0.9728	1.1010	1.0763	1.0355	1.0025	0.9769	1.0729	-----	1.03	16.00	0.996	0.997	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.3

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18903.D Sam Mult : 1 Vial# : 10 Qt On : 06/29/09 12:35
Acq On : 06/29/09 12:14 Misc : A,BNA Qt Upd On: 06/29/09 12:19

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.778	152	47425	40.00	ng	0.00
23) Naphthalene-d8	6.789	136	178500	40.00	ng	0.00
41) Acenaphthene-d10	8.212	164	100771	40.00	ng	0.00
67) Phenanthrene-d10	9.666	188	172677	40.00	ng	0.00
81) Chrysene-d12	12.720	240	163933	40.00	ng	0.00
96) Perylene-d12	14.341	264	167819	40.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.564	112	67462	46.25	ng	0.00
Spiked Amount 100.000			Recovery = 46.25%			
9) Phenol-d5	5.457	99	90366	47.12	ng	0.00
Spiked Amount 100.000			Recovery = 47.12%			
24) Nitrobenzene-d5	6.227	128	18244	24.62	ng	0.00
Spiked Amount 50.000			Recovery = 49.24%			
46) 2-Fluorobiphenyl	7.623	172	85724	24.17	ng	0.00
Spiked Amount 50.000			Recovery = 48.34%			
70) 2,4,6-Tribromophenol	8.950	330	19052	47.95	ng	0.00
Spiked Amount 100.000			Recovery = 47.95%			
84) Terphenyl-d14	11.474	244	107876	24.23	ng	0.00
Spiked Amount 50.000			Recovery = 48.46%			
Target Compounds						Qvalue
2) Pyridine	2.975	79	68577	46.40	ng	72
3) N-Nitrosodimethylamine	2.906	74	36259	47.70	ng	78
5) Benzaldehyde	5.398	77	56669	51.24	ng	76
6) Aniline	5.494	93	106052	52.48	ng	89
7) Pentachloroethane	5.537	117	29740	47.01	ng	76
8) bis(2-Chloroethyl)ether	5.553	93	65418	47.30	ng	80
10) Phenol	5.473	94	96963	47.80	ng	83
11) 2-Chlorophenol	5.596	128	77142	47.86	ng	75
12) N-Decane	5.644	57	70440	47.23	ng	84
13) 1,3-Dichlorobenzene	5.730	146	86304	47.71	ng	97
14) 1,4-Dichlorobenzene	5.794	146	88727	47.64	ng	98
15) 1,2-Dichlorobenzene	5.917	146	82203	47.53	ng	97
16) Benzyl alcohol	5.890	108	49284	48.19	ng	74
17) bis(2-chloroisopropyl)...	6.003	45	82435	47.38	ng	93
18) 2-Methylphenol	5.981	108	66036	47.07	ng	94
19) Acetophenone	6.104	105	104918	47.12	ng	80
20) Hexachloroethane	6.195	117	31366	47.17	ng	73
21) N-Nitroso-di-n-propyla...	6.110	70	49898	47.69	ng	71
22) 3&4-Methylphenol	6.104	108	69567	48.27	ng	98
25) Nitrobenzene	6.243	77	71482	47.84	ng	78
26) Isophorone	6.431	82	134132	48.11	ng	83
27) 2-Nitrophenol	6.495	139	37744	49.37	ng	81
28) 2,4-Dimethylphenol	6.521	107	73639	48.28	ng	93
29) Benzoic Acid	6.586	105	40594m	48.50	ng	
30) bis(2-Chloroethoxy)met...	6.596	93	81617	48.75	ng	97
31) 2,4-Dichlorophenol	6.677	162	62310	47.89	ng	86
32) 1,2,4-Trichlorobenzene	6.741	180	71277	47.31	ng	99
33) Naphthalene	6.805	128	223222	47.40	ng	100
34) 4-Chloroaniline	6.837	127	88013	55.83	ng	100
35) Hexachlorobutadiene	6.896	225	41013	47.03	ng	96
36) Caprolactam	7.115	113	24884	49.18	ng	68
37) 4-Chloro-3-methylphenol	7.206	107	62638	48.69	ng	70
38) 2-Methylnaphthalene	7.340	142	145765	48.11	ng	99
39) Methylnaphthalenes (To...	7.340	142	145765	48.11	ng	99
40) 1,1'-Biphenyl	7.709	154	196576	48.43	ng	93
42) 1,2,4,5-Tetrachloroben...	7.468	216	79678	47.92	ng	99
43) Hexachlorocyclopentadiene	7.463	237	35281	48.71	ng	97
44) 2,4,6-Trichlorophenol	7.559	196	44004	49.90	ng	98
45) 2,4,5-Trichlorophenol	7.591	196	47061	47.99	ng	98
47) 2-Chloronaphthalene	7.736	162	141869	48.77	ng	91
48) 1,4-Dimethylnaphthalene	8.014	156	132192	49.03	ng	91
49) Dimethylnaphthalenes (...	8.014	156	132192	49.03	ng	91
50) Diphenyl Ether	7.794	170	108957	48.61	ng	81
51) 2-Nitroaniline	7.810	65	46655	49.78	ng	48
52) Acenaphthylene	8.089	152	239956	49.41	ng	99
53) Dimethylphthalate	7.955	163	158601	47.25	ng	99
54) 2,6-Dinitrotoluene	8.014	165	36458	50.99	ng	63
55) Acenaphthene	8.244	153	151732	48.81	ng	95
56) 3-Nitroaniline	8.158	138	40431	54.48	ng	71
57) 2,4-Dinitrophenol	8.254	184	12413	41.79	ng	78
58) Dibenzofuran	8.393	168	209972	48.91	ng	89
59) 2,4-Dinitrotoluene	8.367	165	49458	52.21	ng	62

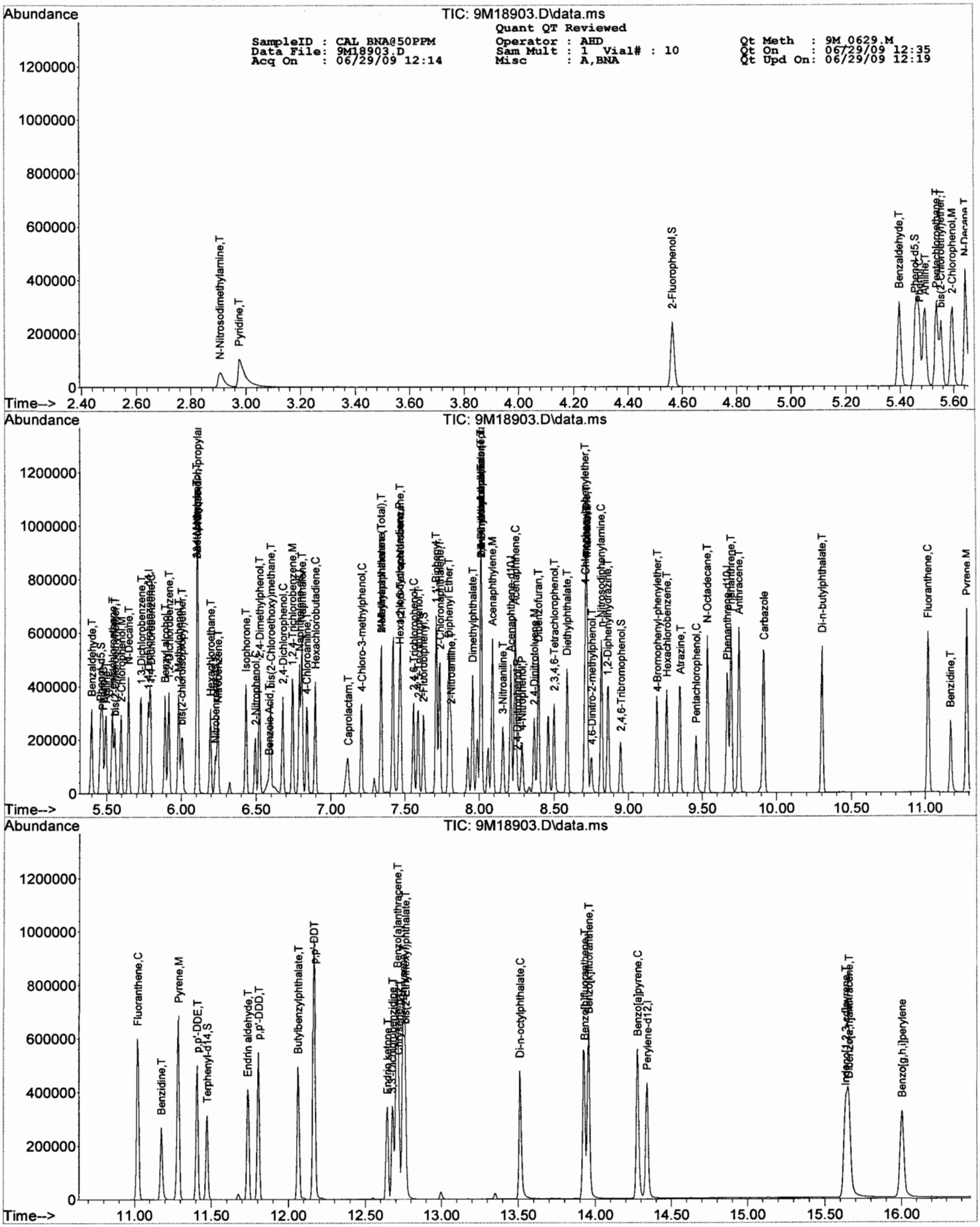
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18903.D Sam Mult : 1 Vial# : 10 Qt On : 06/29/09 12:35
Acq On : 06/29/09 12:14 Misc : A,BNA Qt Upd On: 06/29/09 12:19

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.286	65	25447	46.66	ng	83
61)	2,3,4,6-Tetrachlorophenol	8.500	232	43465	51.05	ng	84
62)	Fluorene	8.720	166	174280	49.28	ng	99
63)	4-Chlorophenyl-phenyle...	8.709	204	80115	48.52	ng	85
64)	Diethylphthalate	8.586	149	169070	49.54	ng	99
65)	4-Nitroaniline	8.720	138	46356	51.47	ng	75
66)	Atrazine	9.351	200	50741	49.28	ng	96
68)	4,6-Dinitro-2-methylph...	8.752	198	21118	46.31	ng	100
69)	n-Nitrosodiphenylamine	8.816	169	150335	49.83	ng	100
71)	1,2-Diphenylhydrazine	8.859	77	156597	48.48	ng	86
72)	4-Bromophenyl-phenylether	9.196	248	46835	48.65	ng	83
73)	Hexachlorobenzene	9.260	284	47728	47.43	ng	71
74)	N-Octadecane	9.533	57	95759	51.06	ng	79
75)	Pentachlorophenol	9.458	266	25123	48.69	ng	97
76)	Phenanthrene	9.693	178	251980	47.82	ng	100
77)	Anthracene	9.747	178	256518	49.34	ng	99
78)	Carbazole	9.918	167	250789	48.88	ng	98
79)	Di-n-butylphthalate	10.303	149	288878	51.06	ng	97
80)	Fluoranthene	11.020	202	266735	48.45	ng	91
82)	Pyrene	11.287	202	296999	49.05	ng	86
83)	Benzidine	11.175	184	114087	47.51	ng	87
85)	p,p'-DDE	11.410	246	63329	48.67	ng	89
86)	Endrin	11.736	81	13720	48.58	ng	34
87)	p,p'-DDD	11.806	235	102782	49.62	ng	94
88)	Butylbenzylphthalate	12.063	149	130464	51.32	ng	70
89)	Endrin aldehyde	11.736	67	7824	49.27	ng	71
90)	p,p'-DDT	12.164	235	100783	50.50	ng	99
91)	Endrin ketone	12.646	317	9575	48.53	ng	96
92)	3,3'-Dichlorobenzidine	12.678	252	81357	55.46	ng	97
93)	Benzo[a]anthracene	12.710	228	288586	49.70	ng	100
94)	Chrysene	12.747	228	272425	48.03	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.763	149	177827	50.99	ng	97
97)	Di-n-octylphthalate	13.512	149	287949	46.41	ng	100
98)	Benzo[b]fluoranthene	13.929	252	248714	46.45	ng	94
99)	Benzo[k]fluoranthene	13.956	252	271756	50.06	ng	95
100)	Benzo[a]pyrene	14.277	252	253038	49.84	ng	95
101)	Indeno[1,2,3-cd]pyrene	15.636	276	250290	48.12	ng	91
102)	Dibenzo[a,h]anthracene	15.657	278	208449	48.56	ng	93
103)	Benzo[g,h,i]perylene	16.005	276	210893	48.44	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M18903.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 9M18903.D
Acq On : 06/29/09 12:14
Operator : AHD
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 06/29/09 12:35
Qt Upd On: 06/29/09 12:19
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM
Data File: 9M18902.D
Acq On : 06/29/09 11:51

Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA

Qt Meth : 9M_0629.M
Qt On : 06/29/09 12:10
Qt Upd On: 06/29/09 11:52

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	5.778	152	46617	40.00	ng		0.00
23) Naphthalene-d8	6.789	136	177487	40.00	ng		0.00
41) Acenaphthene-d10	8.212	164	100546	40.00	ng		0.00
67) Phenanthrene-d10	9.666	188	172740	40.00	ng		0.00
81) Chrysene-d12	12.715	240	156405	40.00	ng		0.00
96) Perylene-d12	14.330	264	155897	40.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.564	112	2826	1.97	ng		0.00
Spiked Amount 100.000			Recovery = 1.97%				
9) Phenol-d5	5.457	99	3745	1.98	ng		0.00
Spiked Amount 100.000			Recovery = 1.98%				
24) Nitrobenzene-d5	6.227	128	657	0.88	ng		0.00
Spiked Amount 50.000			Recovery = 1.76%				
46) 2-Fluorobiphenyl	7.623	172	3931	1.13	ng		0.00
Spiked Amount 50.000			Recovery = 2.26%				
70) 2,4,6-Tribromophenol	8.950	330	548	1.25	ng		0.00
Spiked Amount 100.000			Recovery = 1.25%				
84) Terphenyl-d14	11.469	244	4335	1.02	ng		0.00
Spiked Amount 50.000			Recovery = 2.04%				
Target Compounds							Qvalue
2) Pyridine	3.077	79	2148m	1.43	ng		
3) N-Nitrosodimethylamine	2.943	74	1206	1.57	ng		74
5) Benzaldehyde	5.398	77	2447	2.77	ng		75
6) Aniline	5.494	93	3185	1.73	ng		92
7) Pentachloroethane	5.537	117	1366	2.23	ng		78
8) bis(2-Chloroethyl)ether	5.553	93	3041	2.28	ng		80
10) Phenol	5.468	94	4249	2.15	ng		87
11) 2-Chlorophenol	5.596	128	3187	2.01	ng		78
12) N-Decane	5.644	57	3361	2.34	ng		90
13) 1,3-Dichlorobenzene	5.724	146	4061	2.33	ng		99
14) 1,4-Dichlorobenzene	5.794	146	4216	2.35	ng		96
15) 1,2-Dichlorobenzene	5.917	146	3963	2.39	ng		98
16) Benzyl alcohol	5.890	108	1967	1.95	ng		70
17) bis(2-chloroisopropyl)...	6.003	45	3890	2.32	ng		89
18) 2-Methylphenol	5.981	108	2806	2.04	ng		96
19) Acetophenone	6.104	105	5129	2.40	ng		77
20) Hexachloroethane	6.195	117	1407	2.18	ng		72
21) N-Nitroso-di-n-propyla...	6.104	70	2304	2.28	ng		71
22) 3&4-Methylphenol	6.104	108	3007	2.14	ng		97
25) Nitrobenzene	6.243	77	3046	2.06	ng		76
26) Isophorone	6.430	82	5872	2.14	ng		83
27) 2-Nitrophenol	6.495	139	1277	1.64	ng		80
28) 2,4-Dimethylphenol	6.521	107	3021	1.99	ng		87
29) Benzoic Acid	6.559	105	201	0.28	ng	#	46
30) bis(2-Chloroethoxy)met...	6.596	93	3626	2.21	ng		98
31) 2,4-Dichlorophenol	6.676	162	2441	1.87	ng		87
32) 1,2,4-Trichlorobenzene	6.741	180	3441	2.35	ng		99
33) Naphthalene	6.805	128	10657	2.32	ng		99
34) 4-Chloroaniline	6.842	127	3060	2.07	ng		90
35) Hexachlorobutadiene	6.896	225	1946	2.28	ng		94
36) Caprolactam	7.083	113	778	1.50	ng		68
37) 4-Chloro-3-methylphenol	7.201	107	2317	1.79	ng		71
38) 2-Methylnaphthalene	7.340	142	6637	2.24	ng		99
39) Methylnaphthalenes (To...	7.340	142	6637	2.24	ng		99
40) 1,1'-Biphenyl	7.709	154	9005	2.27	ng		90
42) 1,2,4,5-Tetrachloroben...	7.468	216	3908	2.42	ng		93
43) Hexachlorocyclopentadiene	7.463	237	724	1.05	ng		90
44) 2,4,6-Trichlorophenol	7.559	196	1546	1.73	ng		98
45) 2,4,5-Trichlorophenol	7.586	196	1754	1.77	ng		95
47) 2-Chloronaphthalene	7.730	162	6572	2.31	ng		93
48) 1,4-Dimethylnaphthalene	8.008	156	6145	2.33	ng		95
49) Dimethylnaphthalenes (...	8.008	156	6145	2.33	ng		95
50) Diphenyl Ether	7.794	170	5037	2.29	ng		79
51) 2-Nitroaniline	7.805	65	1696	1.79	ng		60
52) Acenaphthylene	8.089	152	10252	2.13	ng		99
53) Dimethylphthalate	7.949	163	7272	2.20	ng		98
54) 2,6-Dinitrotoluene	8.008	165	1194	1.64	ng		72
55) Acenaphthene	8.238	153	7184	2.37	ng		93
56) 3-Nitroaniline	8.158	138	1372	1.68	ng		70
57) 2,4-Dinitrophenol	0.000		0	N.D.			
58) Dibenzofuran	8.393	168	9853	2.35	ng		84
59) 2,4-Dinitrotoluene	8.367	165	1346	1.37	ng		56

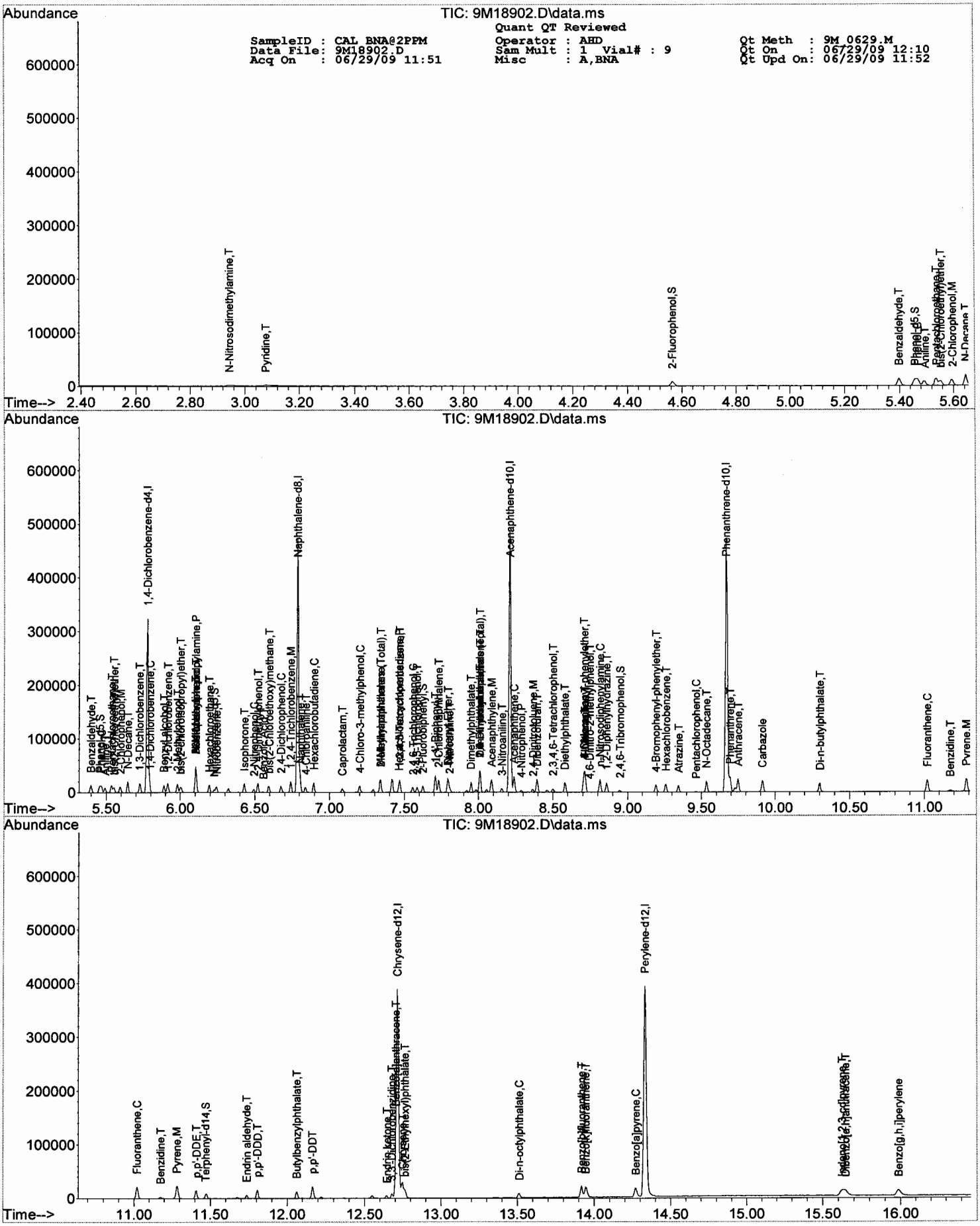
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18902.D Sam Mult : 1 Vial# : 9 Qt On : 06/29/09 12:10
Acq On : 06/29/09 11:51 Misc : A,BNA Qt Upd On: 06/29/09 11:52

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60)	4-Nitrophenol	8.286	65	574	1.05	ng		70
61)	2,3,4,6-Tetrachlorophenol	8.500	232	1261	1.43	ng		83
62)	Fluorene	8.714	166	7714	2.22	ng		94
63)	4-Chlorophenyl-phenyle...	8.709	204	3606	2.22	ng		79
64)	Diethylphthalate	8.581	149	7164	2.12	ng		100
65)	4-Nitroaniline	8.714	138	1468	1.59	ng		75
66)	Atrazine	9.345	200	1827	1.75	ng		95
68)	4,6-Dinitro-2-methylph...	8.746	198	141	0.33	ng		100
69)	n-Nitrosodiphenylamine	8.816	169	6317	2.11	ng		99
71)	1,2-Diphenylhydrazine	8.859	77	6468	2.00	ng		85
72)	4-Bromophenyl-phenylether	9.190	248	1875	1.94	ng		90
73)	Hexachlorobenzene	9.260	284	2112	2.11	ng		72
74)	N-Octadecane	9.533	57	3464	1.83	ng		86
75)	Pentachlorophenol	9.463	266	148	0.31	ng	#	57
76)	Phenanthrene	9.693	178	12105	2.35	ng		96
77)	Anthracene	9.747	178	10875	2.10	ng		99
78)	Carbazole	9.912	167	10494	2.05	ng		96
79)	Di-n-butylphthalate	10.303	149	9350	1.61	ng		96
80)	Fluoranthene	11.020	202	10171	1.83	ng		93
82)	Pyrene	11.282	202	11674	2.02	ng		90
83)	Benzidine	11.175	184	1965	1.85	ng		98
85)	p,p'-DDE	11.410	246	2504	2.02	ng		83
86)	Endrin	11.736	81	472	1.72	ng		50
87)	p,p'-DDD	11.806	235	3466	1.72	ng		97
88)	Butylbenzylphthalate	12.063	149	3791	1.52	ng		76
89)	Endrin aldehyde	11.736	67	242m	1.55	ng		
90)	p,p'-DDT	12.164	235	2600	1.26	ng		98
91)	Endrin ketone	12.646	317	257	1.28	ng		83
92)	3,3'-Dichlorobenzidine	12.678	252	2758	1.97	ng		98
93)	Benzo[a]anthracene	12.704	228	11528	2.09	ng		97
94)	Chrysene	12.747	228	12090	2.27	ng		98
95)	bis(2-Ethylhexyl)phtha...	12.763	149	5063	1.47	ng		96
97)	Di-n-octylphthalate	13.512	149	6476	1.12	ng		98
98)	Benzo[b]fluoranthene	13.919	252	9553	1.91	ng		95
99)	Benzo[k]fluoranthene	13.945	252	9979	1.98	ng		95
100)	Benzo[a]pyrene	14.272	252	8494	1.78	ng		92
101)	Indeno[1,2,3-cd]pyrene	15.625	276	8605	1.75	ng		90
102)	Dibenzo[a,h]anthracene	15.646	278	7092	1.75	ng		87
103)	Benzo[g,h,i]perylene	15.988	276	7583	1.86	ng		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M18902.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 9M18902.D
Acq On : 06/29/09 11:51
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 06/29/09 12:10
Qt Upd On: 06/29/09 11:52
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Aniline,T
2-Chlorophenol,M
N-Decane,T
Time-->
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Chrysene-d12,I
Perylene-d12,I
Fluoranthene,C
Benzidine,T
Pyrene,M
Endrin aldehyde,T
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Benzo[g,h,i]perylene

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18901.D Sam Mult : 1 Vial# : 8 Qt On : 06/29/09 11:51
Acq On : 06/29/09 11:27 Misc : A,BNA Qt Upd On: 06/29/09 11:41

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.778	152	49731	40.00	ng	0.00
23) Naphthalene-d8	6.789	136	185356	40.00	ng	0.00
41) Acenaphthene-d10	8.212	164	106219	40.00	ng	0.00
67) Phenanthrene-d10	9.666	188	178925	40.00	ng	0.00
81) Chrysene-d12	12.715	240	172052	40.00	ng	0.00
96) Perylene-d12	14.330	264	174382	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.564	112	16927	11.24	ng	0.00
Spiked Amount 100.000			Recovery = 11.24%			
9) Phenol-d5	5.457	99	22027	11.12	ng	0.00
Spiked Amount 100.000			Recovery = 11.12%			
24) Nitrobenzene-d5	6.227	128	4216	5.47	ng	0.00
Spiked Amount 50.000			Recovery = 10.94%			
46) 2-Fluorobiphenyl	7.623	172	21005	5.85	ng	0.00
Spiked Amount 50.000			Recovery = 11.70%			
70) 2,4,6-Tribromophenol	8.944	330	4153	9.17	ng	0.00
Spiked Amount 100.000			Recovery = 9.17%			
84) Terphenyl-d14	11.474	244	24868	5.40	ng	0.00
Spiked Amount 50.000			Recovery = 10.80%			
Target Compounds						Qvalue
2) Pyridine	3.002	79	16599	10.38	ng	72
3) N-Nitrosodimethylamine	2.916	74	8533	10.49	ng	73
5) Benzaldehyde	5.398	77	14538	16.94	ng	73
6) Aniline	5.489	93	22869	11.60	ng	89
7) Pentachloroethane	5.537	117	7269	11.32	ng	74
8) bis(2-Chloroethyl)ether	5.553	93	16218	11.64	ng	79
10) Phenol	5.468	94	23392	11.31	ng	86
11) 2-Chlorophenol	5.591	128	18510	11.14	ng	79
12) N-Decane	5.644	57	18209	12.28	ng	84
13) 1,3-Dichlorobenzene	5.730	146	21322	11.76	ng	96
14) 1,4-Dichlorobenzene	5.794	146	22705	12.27	ng	97
15) 1,2-Dichlorobenzene	5.917	146	20189	11.67	ng	99
16) Benzyl alcohol	5.890	108	11877	11.24	ng	72
17) bis(2-chloroisopropyl)...	6.003	45	20410	11.68	ng	90
18) 2-Methylphenol	5.981	108	16080	11.13	ng	93
19) Acetophenone	6.104	105	27224	12.36	ng	75
20) Hexachloroethane	6.195	117	7954	11.83	ng	75
21) N-Nitroso-di-n-propyla...	6.104	70	12585	12.00	ng	75
22) 3&4-Methylphenol	6.104	108	17383	11.92	ng	96
25) Nitrobenzene	6.243	77	17492	11.57	ng	75
26) Isophorone	6.430	82	32527	11.59	ng	84
27) 2-Nitrophenol	6.495	139	8423	10.44	ng	78
28) 2,4-Dimethylphenol	6.521	107	17511	11.25	ng	90
29) Benzoic Acid	6.564	105	5876	7.33	ng	86
30) bis(2-Chloroethoxy)met...	6.596	93	19940	11.94	ng	95
31) 2,4-Dichlorophenol	6.676	162	14882	11.10	ng	86
32) 1,2,4-Trichlorobenzene	6.741	180	17684	11.85	ng	97
33) Naphthalene	6.805	128	56535	12.16	ng	100
34) 4-Chloroaniline	6.837	127	19119	12.88	ng	100
35) Hexachlorobutadiene	6.896	225	10198	11.75	ng	95
36) Caprolactam	7.088	113	5729	10.66	ng	69
37) 4-Chloro-3-methylphenol	7.201	107	14442	10.79	ng	75
38) 2-Methylnaphthalene	7.340	142	36481	12.12	ng	98
39) Methylnaphthalenes (To...	7.340	142	36481	12.12	ng	98
40) 1,1'-Biphenyl	7.709	154	48458	12.03	ng	94
42) 1,2,4,5-Tetrachloroben...	7.468	216	20274	12.25	ng	97
43) Hexachlorocyclopentadiene	7.463	237	6800	9.15	ng	99
44) 2,4,6-Trichlorophenol	7.559	196	10096	10.80	ng	98
45) 2,4,5-Trichlorophenol	7.586	196	11434	11.07	ng	98
47) 2-Chloronaphthalene	7.730	162	34965	11.94	ng	94
48) 1,4-Dimethylnaphthalene	8.014	156	32670	12.08	ng	92
49) Dimethylnaphthalenes (...	8.014	156	32670	12.08	ng	92
50) Diphenyl Ether	7.794	170	27426	12.19	ng	80
51) 2-Nitroaniline	7.805	65	10666	10.77	ng	58
52) Acenaphthylene	8.088	152	58102	11.73	ng	99
53) Dimethylphthalate	7.949	163	40244	11.82	ng	99
54) 2,6-Dinitrotoluene	8.008	165	8309	10.92	ng	68
55) Acenaphthene	8.238	153	37214	11.94	ng	95
56) 3-Nitroaniline	8.158	138	8861	10.38	ng	73
57) 2,4-Dinitrophenol	8.254	184	1566	5.32	ng	42
58) Dibenzofuran	8.393	168	50922	11.79	ng	88
59) 2,4-Dinitrotoluene	8.367	165	10154	9.76	ng	59

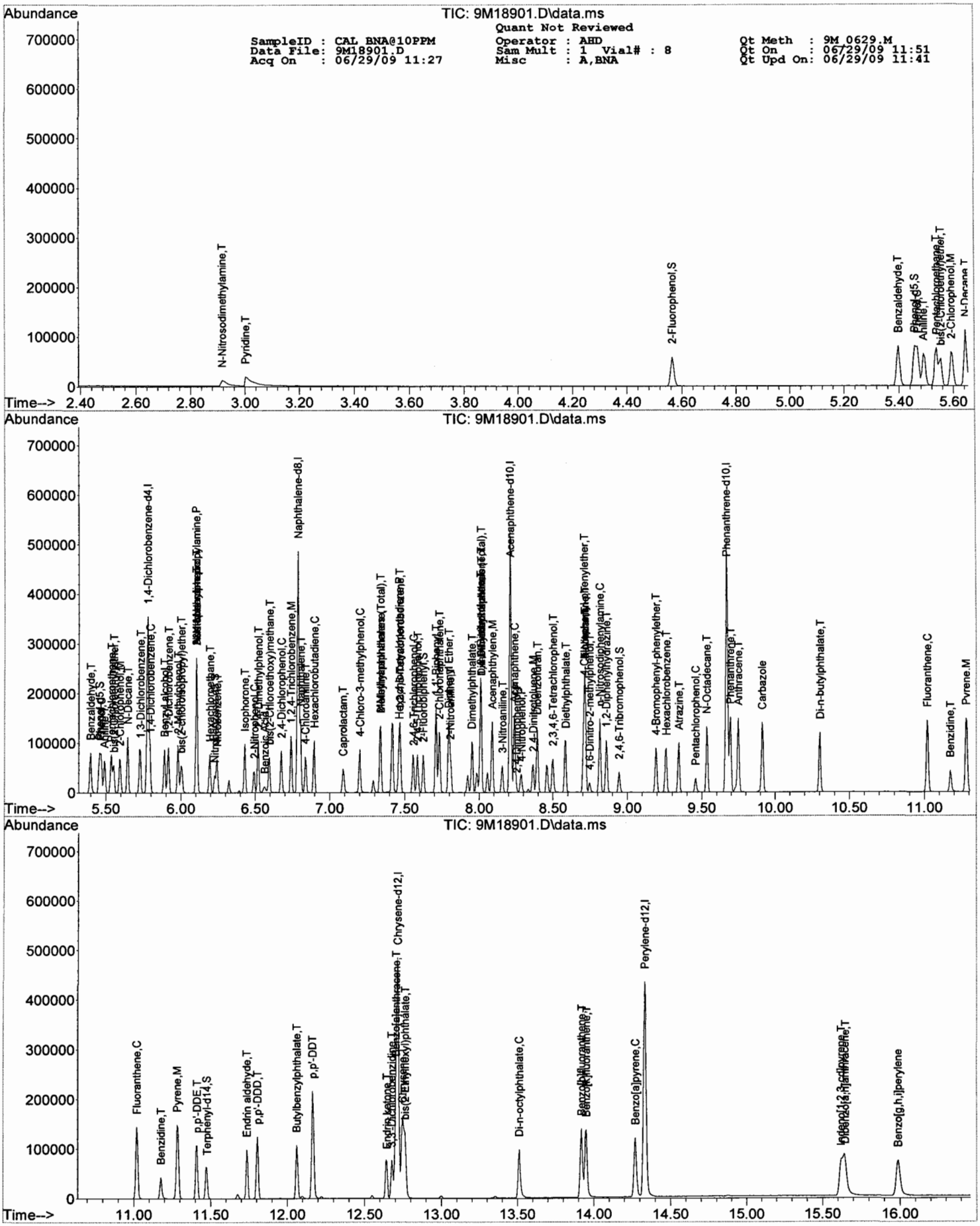
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18901.D Sam Mult : 1 Vial# : 8 Qt On : 06/29/09 11:51
Acq On : 06/29/09 11:27 Misc : A,BNA Qt Upd On: 06/29/09 11:41

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
60) 4-Nitrophenol	8.286	65	5578	9.70 ng	83
61) 2,3,4,6-Tetrachlorophenol	8.500	232	9654	10.39 ng	84
62) Fluorene	8.714	166	42661	11.92 ng	99
63) 4-Chlorophenyl-phenyle...	8.709	204	19505	11.62 ng	83
64) Diethylphthalate	8.586	149	40394	11.57 ng	98
65) 4-Nitroaniline	8.714	138	10473	10.89 ng	72
66) Atrazine	9.345	200	11739	10.76 ng	97
68) 4,6-Dinitro-2-methylph...	8.746	198	3224	7.18 ng	100
69) n-Nitrosodiphenylamine	8.816	169	36137	11.96 ng	99
71) 1,2-Diphenylhydrazine	8.859	77	38673	11.86 ng	86
72) 4-Bromophenyl-phenylether	9.190	248	10884	11.03 ng	88
73) Hexachlorobenzene	9.260	284	11515	11.33 ng	70
74) N-Octadecane	9.533	57	22141	11.51 ng	82
75) Pentachlorophenol	9.458	266	3683	7.16 ng	86
76) Phenanthrene	9.693	178	62096	11.94 ng	99
77) Anthracene	9.747	178	61127	11.70 ng	100
78) Carbazole	9.912	167	59679	11.50 ng	98
79) Di-n-butylphthalate	10.303	149	64705	10.91 ng	97
80) Fluoranthene	11.020	202	63403	11.18 ng	93
82) Pyrene	11.282	202	70798	11.38 ng	90
83) Benzidine	11.175	184	19216	16.57 ng	87
85) p,p'-DDE	11.410	246	14614	10.84 ng	87
86) Endrin	11.736	81	3234	10.85 ng	40
87) p,p'-DDD	11.806	235	23272	10.61 ng	93
88) Butylbenzylphthalate	12.063	149	27495	9.99 ng	69
89) Endrin aldehyde	11.736	67	1939	11.56 ng	66
90) p,p'-DDT	12.164	235	21083	9.29 ng	98
91) Endrin ketone	12.646	317	2226	10.09 ng	97
92) 3,3'-Dichlorobenzidine	12.678	252	18678	12.55 ng	97
93) Benzo[a]anthracene	12.704	228	68337	11.52 ng	99
94) Chrysene	12.747	228	67817	11.90 ng	99
95) bis(2-Ethylhexyl)phtha...	12.763	149	39755	10.59 ng	95
97) Di-n-octylphthalate	13.512	149	60876	9.44 ng	99
98) Benzo[b]fluoranthene	13.919	252	58666	10.57 ng	96
99) Benzo[k]fluoranthene	13.951	252	62479	11.26 ng	93
100) Benzo[a]pyrene	14.272	252	55232	10.38 ng	94
101) Indeno[1,2,3-cd]pyrene	15.619	276	56038	10.24 ng	89
102) Dibenzo[a,h]anthracene	15.646	278	46512	10.31 ng	92
103) Benzo[g,h,i]perylene	15.988	276	47999	10.61 ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M18901.D\data.ms
Quant Not Reviewed
SampleID : CAL BNA@10PPM
Data File: 9M18901.D
Acq On : 06/29/09 11:27
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 06/29/09 11:51
Qt Upd On: 06/29/09 11:41
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18900.D Sam Mult : 1 Vial# : 7 Qt On : 06/29/09 11:23
Acq On : 06/29/09 11:03 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.778	152	51551	40.00	ng	0.00
23) Naphthalene-d8	6.789	136	199278	40.00	ng	0.00
41) Acenaphthene-d10	8.211	164	112044	40.00	ng	0.00
67) Phenanthrene-d10	9.666	188	191025	40.00	ng	-0.01
81) Chrysene-d12	12.715	240	184366	40.00	ng	-0.01
96) Perylene-d12	14.336	264	189296	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.564	112	32409	20.57	ng	0.00
Spiked Amount 100.000			Recovery = 20.57%			
9) Phenol-d5	5.457	99	43467	20.40	ng	0.00
Spiked Amount 100.000			Recovery = 20.40%			
24) Nitrobenzene-d5	6.227	128	8651	10.65	ng	0.00
Spiked Amount 50.000			Recovery = 21.30%			
46) 2-Fluorobiphenyl	7.623	172	42284	10.81	ng	0.00
Spiked Amount 50.000			Recovery = 21.62%			
70) 2,4,6-Tribromophenol	8.950	330	8803	18.67	ng	0.00
Spiked Amount 100.000			Recovery = 18.67%			
84) Terphenyl-d14	11.474	244	51626	10.36	ng	0.00
Spiked Amount 50.000			Recovery = 20.72%			
Target Compounds						Qvalue
2) Pyridine	2.991	79	34195	21.36	ng	71
3) N-Nitrosodimethylamine	2.911	74	17343	20.72	ng	76
5) Benzaldehyde	5.398	77	28115	20.44	ng	77
6) Aniline	5.494	93	48064	22.75	ng	89
7) Pentachloroethane	5.537	117	14451	21.28	ng	75
8) bis(2-Chloroethyl)ether	5.553	93	32730	21.15	ng	78
10) Phenol	5.468	94	45739	20.34	ng	86
11) 2-Chlorophenol	5.596	128	36904	20.78	ng	74
12) N-Decane	5.644	57	34613	21.35	ng	84
13) 1,3-Dichlorobenzene	5.730	146	41961	21.39	ng	96
14) 1,4-Dichlorobenzene	5.789	146	42358	20.84	ng	96
15) 1,2-Dichlorobenzene	5.917	146	40105	21.12	ng	98
16) Benzyl alcohol	5.890	108	23531	20.65	ng	74
17) bis(2-chloroisopropyl)...	6.003	45	39749	20.15	ng	92
18) 2-Methylphenol	5.981	108	32735	20.94	ng	95
19) Acetophenone	6.104	105	52462	21.14	ng	79
20) Hexachloroethane	6.195	117	15482	21.68	ng	76
21) N-Nitroso-di-n-propyla...	6.104	70	24576	20.96	ng	74
22) 3&4-Methylphenol	6.104	108	34691	21.64	ng	99
25) Nitrobenzene	6.243	77	35255	21.28	ng	79
26) Isophorone	6.430	82	65019	20.72	ng	84
27) 2-Nitrophenol	6.495	139	16680	19.46	ng	81
28) 2,4-Dimethylphenol	6.521	107	35378	20.87	ng	94
29) Benzoic Acid	6.575	105	16841	19.34	ng	80
30) bis(2-Chloroethoxy)met...	6.596	93	39150	20.65	ng	97
31) 2,4-Dichlorophenol	6.676	162	30397	21.36	ng	86
32) 1,2,4-Trichlorobenzene	6.741	180	35266	21.40	ng	97
33) Naphthalene	6.805	128	110436	20.97	ng	99
34) 4-Chloroaniline	6.837	127	41789	26.16	ng	99
35) Hexachlorobutadiene	6.896	225	20184	21.58	ng	96
36) Caprolactam	7.099	113	12114	20.80	ng	62
37) 4-Chloro-3-methylphenol	7.201	107	30320	21.08	ng	76
38) 2-Methylnaphthalene	7.340	142	70579	20.73	ng	99
39) Methylnaphthalenes (To...	7.340	142	70579	20.73	ng	99
40) 1,1'-Biphenyl	7.709	154	95127	20.80	ng	93
42) 1,2,4,5-Tetrachloroben...	7.468	216	38444	21.55	ng	97
43) Hexachlorocyclopentadiene	7.463	237	15213	20.55	ng	99
44) 2,4,6-Trichlorophenol	7.559	196	20676	21.23	ng	97
45) 2,4,5-Trichlorophenol	7.586	196	23908	22.36	ng	98
47) 2-Chloronaphthalene	7.730	162	69437	21.55	ng	93
48) 1,4-Dimethylnaphthalene	8.014	156	65407	21.76	ng	89
49) Dimethylnaphthalenes (...	8.014	156	65407	21.76	ng	89
50) Diphenyl Ether	7.794	170	51989	20.99	ng	79
51) 2-Nitroaniline	7.805	65	22172	21.23	ng	64
52) Acenaphthylene	8.088	152	118395	22.02	ng	99
53) Dimethylphthalate	7.955	163	80727	21.62	ng	98
54) 2,6-Dinitrotoluene	8.008	165	17675	22.13	ng	66
55) Acenaphthene	8.238	153	73422	21.33	ng	97
56) 3-Nitroaniline	8.158	138	19220	22.88	ng	75
57) 2,4-Dinitrophenol	8.249	184	4753	17.36	ng	74
58) Dibenzofuran	8.393	168	101629	21.26	ng	88
59) 2,4-Dinitrotoluene	8.367	165	22722	20.11	ng	59

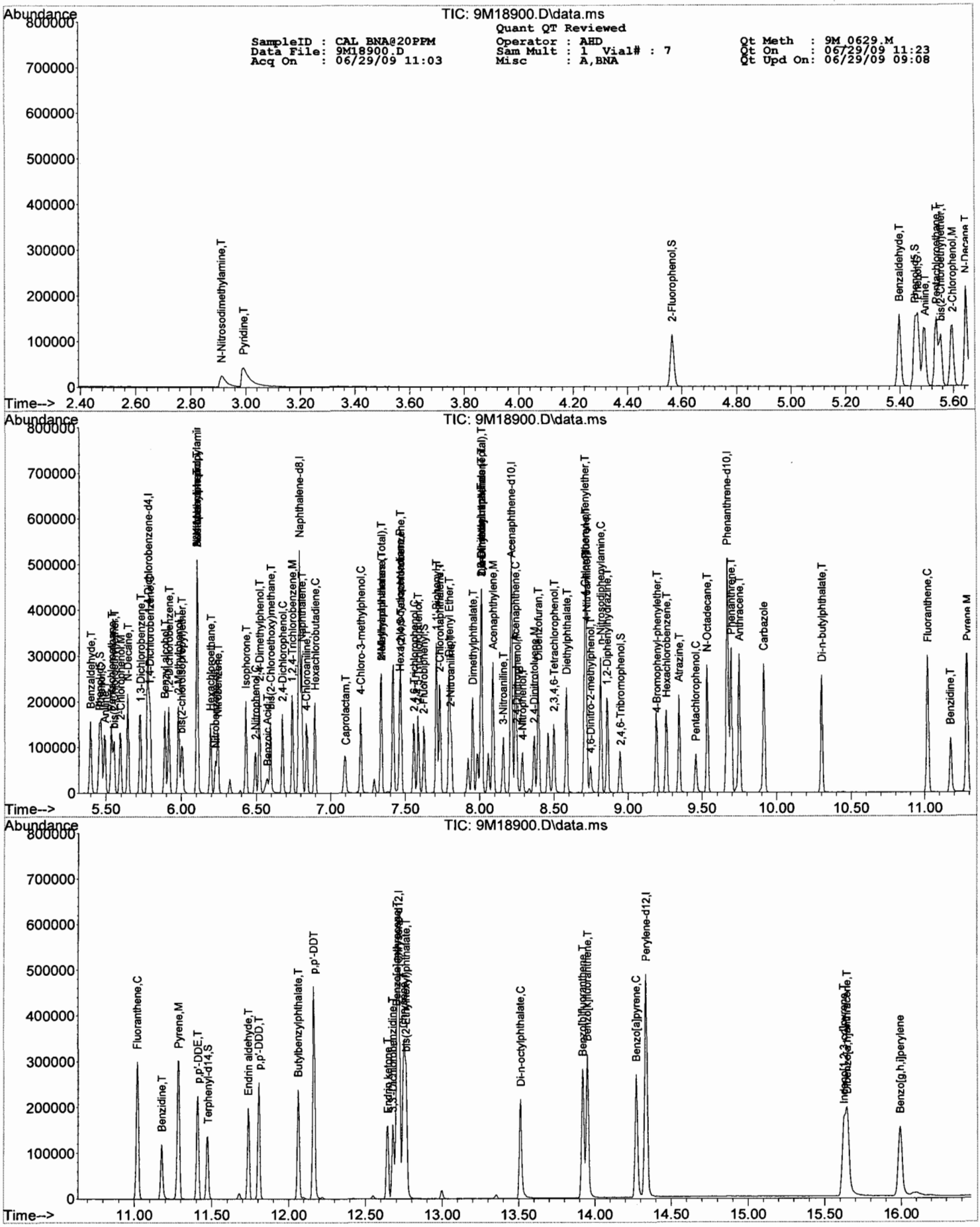
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18900.D Sam Mult : 1 Vial# : 7 Qt On : 06/29/09 11:23
Acq On : 06/29/09 11:03 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.286	65	12305	19.70	ng	82
61)	2,3,4,6-Tetrachlorophenol	8.500	232	20348	20.60	ng	84
62)	Fluorene	8.714	166	84346	21.57	ng	99
63)	4-Chlorophenyl-phenyle...	8.709	204	38397	21.00	ng	85
64)	Diethylphthalate	8.586	149	81916	21.55	ng	98
65)	4-Nitroaniline	8.720	138	21169	20.83	ng	70
66)	Atrazine	9.345	200	23976	21.09	ng	98
68)	4,6-Dinitro-2-methylph...	8.746	198	8688	19.05	ng	100
69)	n-Nitrosodiphenylamine	8.816	169	72441	21.92	ng	99
71)	1,2-Diphenylhydrazine	8.859	77	79110	21.99	ng	86
72)	4-Bromophenyl-phenylether	9.196	248	21667	20.50	ng	82
73)	Hexachlorobenzene	9.260	284	23395	21.32	ng	69
74)	N-Octadecane	9.533	57	45666	22.12	ng	80
75)	Pentachlorophenol	9.458	266	10250	19.51	ng	96
76)	Phenanthrene	9.693	178	124719	21.49	ng	99
77)	Anthracene	9.747	178	123071	21.52	ng	99
78)	Carbazole	9.912	167	121434	21.56	ng	98
79)	Di-n-butylphthalate	10.303	149	135803	21.82	ng	97
80)	Fluoranthene	11.020	202	130753	21.75	ng	92
82)	Pyrene	11.287	202	145038	21.32	ng	85
83)	Benzidine	11.175	184	51479	23.84	ng	86
85)	p,p'-DDE	11.410	246	29485	20.23	ng	89
86)	Endrin	11.736	81	6590	20.60	ng	38
87)	p,p'-DDD	11.806	235	47450	20.10	ng	92
88)	Butylbenzylphthalate	12.063	149	60661	21.07	ng	70
89)	Endrin aldehyde	11.736	67	3878	21.30	ng	67
90)	p,p'-DDT	12.164	235	45789	18.90	ng	99
91)	Endrin ketone	12.646	317	4706	19.75	ng	98
92)	3,3'-Dichlorobenzidine	12.678	252	37645	25.82	ng	96
93)	Benzo[a]anthracene	12.704	228	138322	21.08	ng	99
94)	Chrysene	12.747	228	136144	21.43	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.763	149	85158	21.63	ng	96
97)	Di-n-octylphthalate	13.512	149	136713	18.59	ng	99
98)	Benzo[b]fluoranthene	13.918	252	121550	20.46	ng	96
99)	Benzo[k]fluoranthene	13.951	252	131859	21.45	ng	95
100)	Benzo[a]pyrene	14.272	252	118000	20.95	ng	94
101)	Indeno[1,2,3-cd]pyrene	15.625	276	120601	21.39	ng	91
102)	Dibenzo[a,h]anthracene	15.646	278	99389	21.38	ng	94
103)	Benzo[g,h,i]perylene	15.994	276	101875	21.59	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@20PPM
Data File: 9M18900.D
Acq On : 06/29/09 11:03
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 06/29/09 11:23
Qt Upd On: 06/29/09 09:08
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18899.D Sam Mult : 1 Vial# : 6 Qt On : 06/29/09 11:23
Acq On : 06/29/09 10:39 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.778	152	50297	40.00	ng	0.00
23) Naphthalene-d8	6.789	136	191273	40.00	ng	0.00
41) Acenaphthene-d10	8.211	164	108628	40.00	ng	0.00
67) Phenanthrene-d10	9.672	188	185810	40.00	ng	0.00
81) Chrysene-d12	12.720	240	180380	40.00	ng	0.00
96) Perylene-d12	14.336	264	185139	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.564	112	121285	78.89	ng	0.00
Spiked Amount 100.000			Recovery = 78.89%			
9) Phenol-d5	5.462	99	158596	76.31	ng	0.00
Spiked Amount 100.000			Recovery = 76.31%			
24) Nitrobenzene-d5	6.232	128	31330	40.18	ng	0.00
Spiked Amount 50.000			Recovery = 80.36%			
46) 2-Fluorobiphenyl	7.628	172	149448	39.41	ng	0.00
Spiked Amount 50.000			Recovery = 78.82%			
70) 2,4,6-Tribromophenol	8.950	330	36439	79.44	ng	0.00
Spiked Amount 100.000			Recovery = 79.44%			
84) Terphenyl-d14	11.474	244	189458	38.86	ng	0.00
Spiked Amount 50.000			Recovery = 77.72%			
Target Compounds						Qvalue
2) Pyridine	2.975	79	125349	80.24	ng	71
3) N-Nitrosodimethylamine	2.906	74	64391	78.86	ng	77
5) Benzaldehyde	5.398	77	84314	62.81	ng	78
6) Aniline	5.494	93	172777	81.55	ng	86
7) Pentachloroethane	5.537	117	51941	78.38	ng	74
8) bis(2-Chloroethyl)ether	5.553	93	113423	75.11	ng	82
10) Phenol	5.473	94	166069	75.69	ng	86
11) 2-Chlorophenol	5.596	128	135165	78.00	ng	77
12) N-Decane	5.644	57	120109	75.94	ng	84
13) 1,3-Dichlorobenzene	5.730	146	144173	75.33	ng	97
14) 1,4-Dichlorobenzene	5.794	146	149252	75.26	ng	98
15) 1,2-Dichlorobenzene	5.917	146	140525	75.84	ng	98
16) Benzyl alcohol	5.895	108	85945	77.31	ng	69
17) bis(2-chloroisopropyl)...	6.008	45	141036	73.27	ng	93
18) 2-Methylphenol	5.986	108	116595	76.45	ng	95
19) Acetophenone	6.109	105	177319	73.25	ng	76
20) Hexachloroethane	6.195	117	54217	77.83	ng	76
21) N-Nitroso-di-n-propyla...	6.109	70	83226	72.76	ng	73
22) 3&4-Methylphenol	6.109	108	117178	74.92	ng	100
25) Nitrobenzene	6.243	77	122480	77.03	ng	81
26) Isophorone	6.436	82	226831	75.32	ng	80
27) 2-Nitrophenol	6.495	139	68607	83.39	ng	83
28) 2,4-Dimethylphenol	6.521	107	129040	79.31	ng	94
29) Benzoic Acid	6.602	105	85076m	85.18	ng	
30) bis(2-Chloroethoxy)met...	6.596	93	137788	75.73	ng	97
31) 2,4-Dichlorophenol	6.676	162	111169	81.41	ng	87
32) 1,2,4-Trichlorobenzene	6.746	180	122540	77.48	ng	97
33) Naphthalene	6.805	128	382562	75.70	ng	99
34) 4-Chloroaniline	6.842	127	132702	86.54	ng	98
35) Hexachlorobutadiene	6.896	225	71539	79.69	ng	97
36) Caprolactam	7.126	113	43380	77.59	ng	71
37) 4-Chloro-3-methylphenol	7.206	107	108951	78.92	ng	76
38) 2-Methylnaphthalene	7.340	142	247881	75.85	ng	99
39) Methylnaphthalenes (To...	7.340	142	247881	75.85	ng	99
40) 1,1'-Biphenyl	7.714	154	329011	74.95	ng	92
42) 1,2,4,5-Tetrachloroben...	7.473	216	140034	80.96	ng	99
43) Hexachlorocyclopentadiene	7.463	237	69691	87.98	ng	99
44) 2,4,6-Trichlorophenol	7.559	196	79031	83.68	ng	100
45) 2,4,5-Trichlorophenol	7.591	196	86253	83.19	ng	99
47) 2-Chloronaphthalene	7.735	162	245381	78.55	ng	92
48) 1,4-Dimethylnaphthalene	8.014	156	222822	76.46	ng	92
49) Dimethylnaphthalenes (...	8.014	156	222822	76.46	ng	92
50) Diphenyl Ether	7.800	170	187447	78.06	ng	76
51) 2-Nitroaniline	7.810	65	82623	81.59	ng	55
52) Acenaphthylene	8.094	152	404605	77.62	ng	99
53) Dimethylphthalate	7.960	163	282357	78.01	ng	99
54) 2,6-Dinitrotoluene	8.014	165	63267	81.70	ng	66
55) Acenaphthene	8.244	153	257104	77.05	ng	95
56) 3-Nitroaniline	8.163	138	67626	88.60	ng	71
57) 2,4-Dinitrophenol	8.254	184	28580	88.04	ng	84
58) Dibenzofuran	8.399	168	357017	77.03	ng	87
59) 2,4-Dinitrotoluene	8.372	165	86957	79.38	ng	61

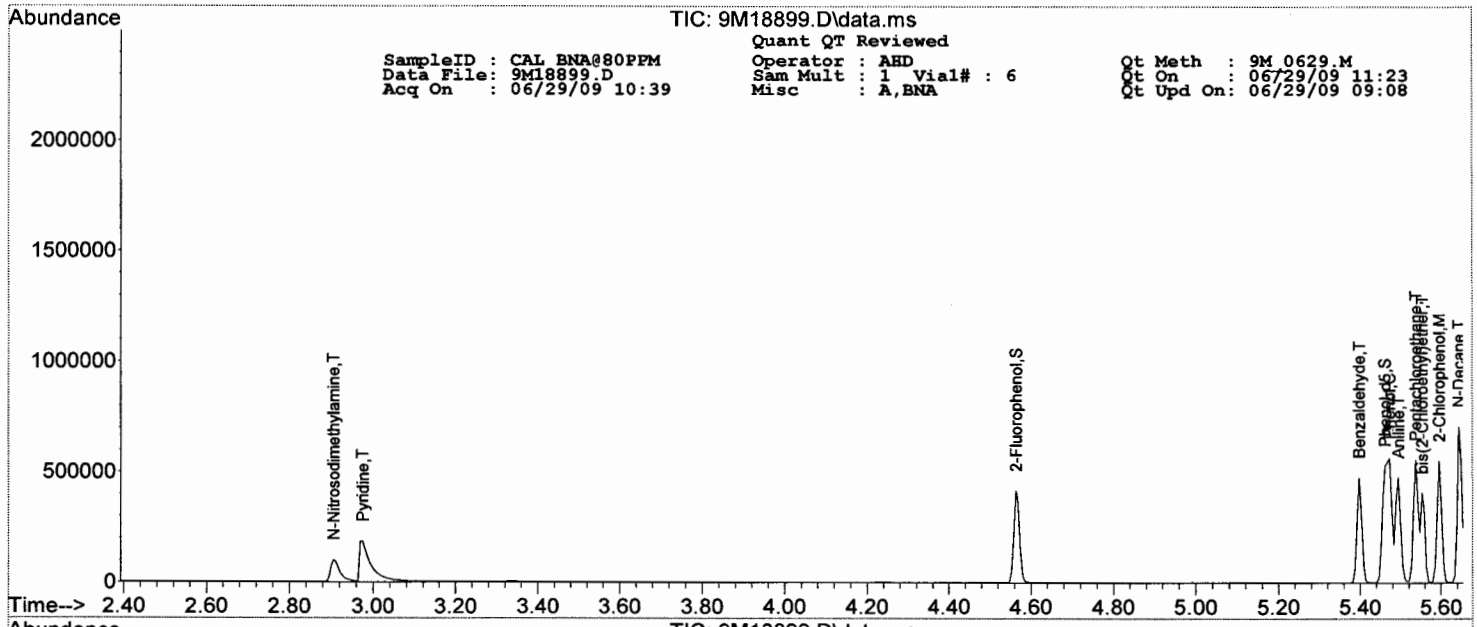
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18899.D Sam Mult : 1 Vial# : 6 Qt On : 06/29/09 11:23
Acq On : 06/29/09 10:39 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.292	65	47596	78.59	ng	83
61)	2,3,4,6-Tetrachlorophenol	8.500	232	76304	79.68	ng	83
62)	Fluorene	8.720	166	294669	77.73	ng	99
63)	4-Chlorophenyl-phenyle...	8.709	204	138007	77.85	ng	85
64)	Diethylphthalate	8.591	149	289030	78.42	ng	98
65)	4-Nitroaniline	8.730	138	80399	81.59	ng	74
66)	Atrazine	9.351	200	90514	82.13	ng	97
68)	4,6-Dinitro-2-methylph...	8.752	198	42958	86.55	ng	100
69)	n-Nitrosodiphenylamine	8.821	169	254574	79.19	ng	99
71)	1,2-Diphenylhydrazine	8.864	77	270027	77.15	ng	81
72)	4-Bromophenyl-phenylether	9.196	248	82264	80.02	ng	84
73)	Hexachlorobenzene	9.260	284	83914	78.62	ng	73
74)	N-Octadecane	9.538	57	160556	79.97	ng	79
75)	Pentachlorophenol	9.458	266	50579	87.02	ng	97
76)	Phenanthrene	9.698	178	434834	77.01	ng	99
77)	Anthracene	9.752	178	435661	78.32	ng	99
78)	Carbazole	9.918	167	433275	79.07	ng	98
79)	Di-n-butylphthalate	10.303	149	500259	82.63	ng	98
80)	Fluoranthene	11.025	202	484075	82.77	ng	90
82)	Pyrene	11.287	202	522410	78.49	ng	88
83)	Benzidine	11.180	184	174719	82.72	ng	86
85)	p,p'-DDE	11.410	246	111446	78.14	ng	90
86)	Endrin	11.736	81	24337	77.77	ng	30
87)	p,p'-DDD	11.811	235	184156	79.75	ng	93
88)	Butylbenzylphthalate	12.068	149	231263	82.09	ng	69
89)	Endrin aldehyde	11.742	67	13671	76.76	ng	74
90)	p,p'-DDT	12.164	235	184855	78.00	ng	99
91)	Endrin ketone	12.651	317	18334	78.65	ng	98
92)	3,3'-Dichlorobenzidine	12.683	252	134544	94.32	ng	97
93)	Benzo[a]anthracene	12.710	228	495413	77.19	ng	99
94)	Chrysene	12.752	228	477808	76.86	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.763	149	315989	82.03	ng	96
97)	Di-n-octylphthalate	13.512	149	544683	75.75	ng	100
98)	Benzo[b]fluoranthene	13.929	252	453749	78.08	ng	95
99)	Benzo[k]fluoranthene	13.961	252	484182	80.53	ng	93
100)	Benzo[a]pyrene	14.277	252	453817	82.39	ng	94
101)	Indeno[1,2,3-cd]pyrene	15.635	276	462665	83.88	ng	91
102)	Dibenzo[a,h]anthracene	15.657	278	379641	83.49	ng	94
103)	Benzo[g,h,i]perylene	16.010	276	383448	83.08	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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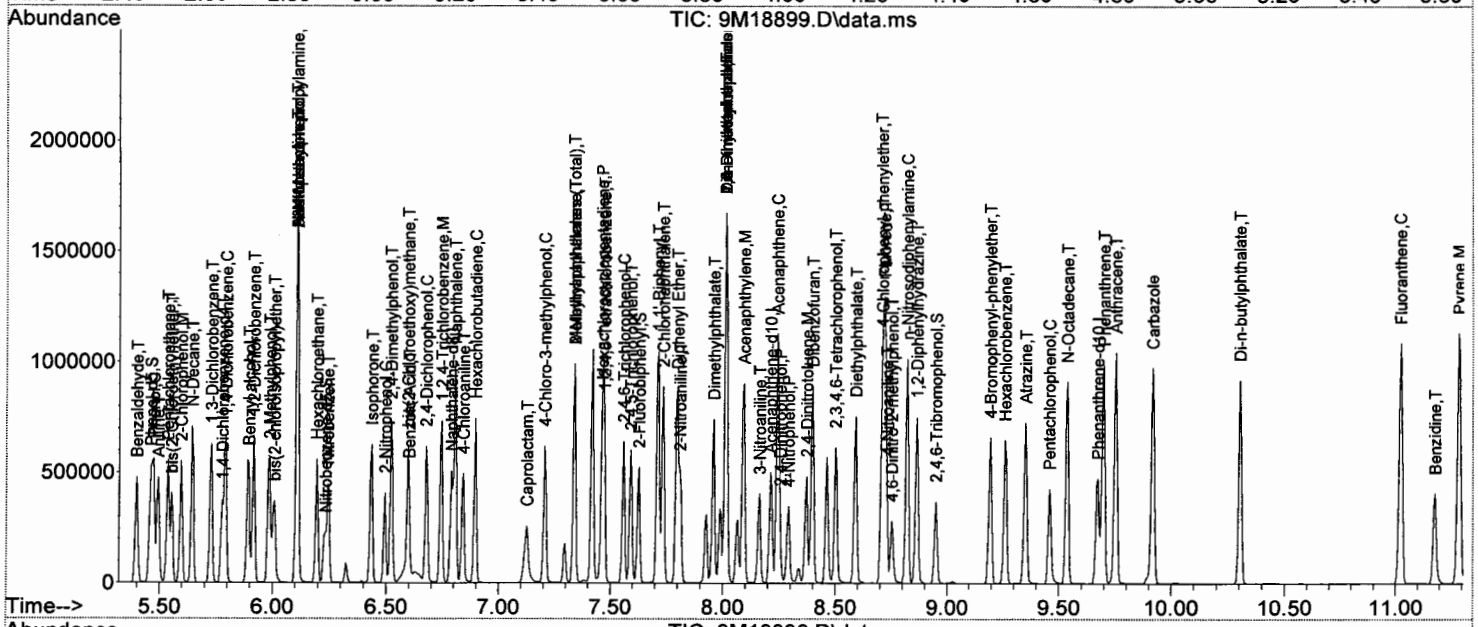
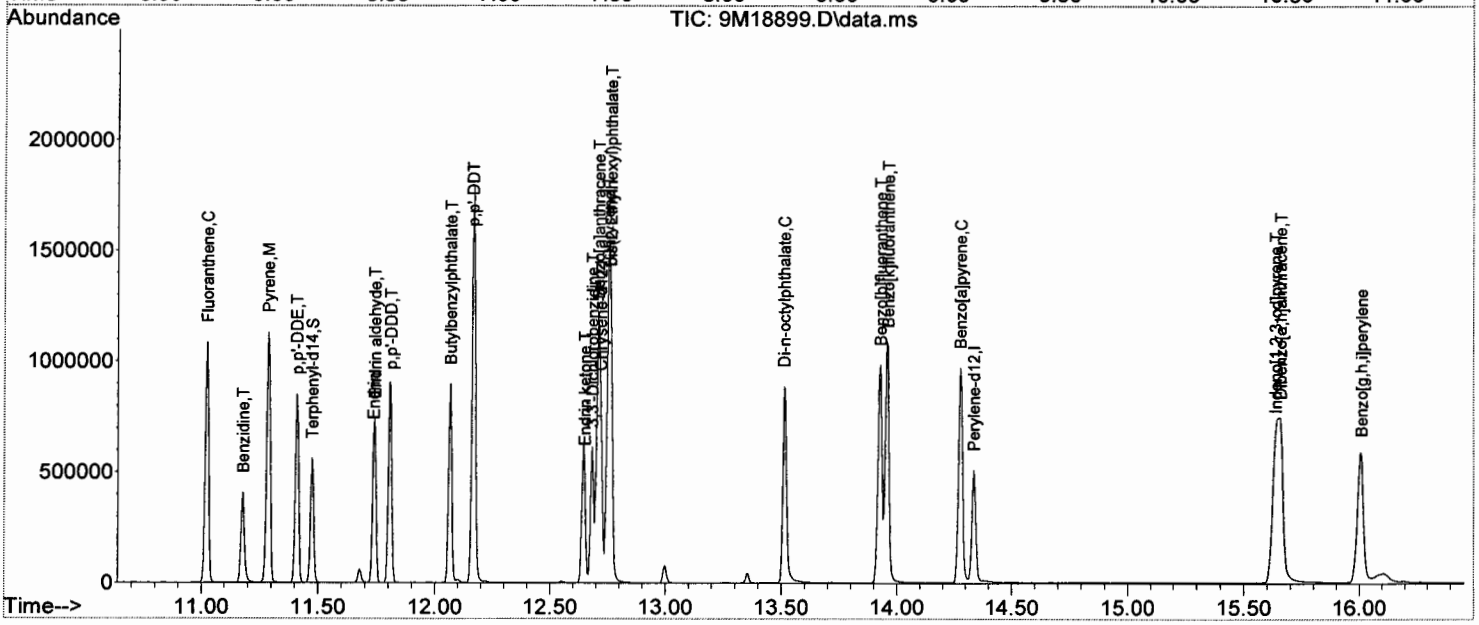
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 9M18899.D
Acq On : 06/29/09 10:39
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 06/29/09 11:23
Qt Upd On: 06/29/09 09:08
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->


Abundance
TIC: 9M18899.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene M
Time-->


Abundance
TIC: 9M18899.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
p,p'-DDT
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]peryiene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18898.D Sam Mult : 1 Vial# : 5 Qt On : 06/29/09 11:22
Acq On : 06/29/09 10:15 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.778	152	51227	40.00	ng	0.00
23) Naphthalene-d8	6.789	136	191141	40.00	ng	0.00
41) Acenaphthene-d10	8.217	164	113524	40.00	ng	0.00
67) Phenanthrene-d10	9.672	188	193610	40.00	ng	0.00
81) Chrysene-d12	12.726	240	184996	40.00	ng	0.00
96) Perylene-d12	14.336	264	184797	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.564	112	178194	113.80	ng	0.00
Spiked Amount 100.000			Recovery = 113.80%			
9) Phenol-d5	5.462	99	236190	111.58	ng	0.00
Spiked Amount 100.000			Recovery = 111.58%			
24) Nitrobenzene-d5	6.233	128	46619	59.83	ng	0.00
Spiked Amount 50.000			Recovery = 119.66%			
46) 2-Fluorobiphenyl	7.629	172	217137	54.78	ng	0.00
Spiked Amount 50.000			Recovery = 109.56%			
70) 2,4,6-Tribromophenol	8.955	330	56675	118.58	ng	0.00
Spiked Amount 100.000			Recovery = 118.58%			
84) Terphenyl-d14	11.474	244	281938	56.38	ng	0.00
Spiked Amount 50.000			Recovery = 112.76%			
Target Compounds						Qvalue
2) Pyridine	2.970	79	181903	114.32	ng	72
3) N-Nitrosodimethylamine	2.906	74	96657	116.23	ng	76
5) Benzaldehyde	5.398	77	93886	68.67	ng	77
6) Aniline	5.494	93	248527	113.49	ng	86
7) Pentachloroethane	5.537	117	74849	110.90	ng	75
8) bis(2-Chloroethyl)ether	5.559	93	162445	105.62	ng	78
10) Phenol	5.478	94	242382	108.47	ng	85
11) 2-Chlorophenol	5.596	128	195187	110.59	ng	78
12) N-Decane	5.644	57	169638	105.30	ng	84
13) 1,3-Dichlorobenzene	5.730	146	210490	107.98	ng	97
14) 1,4-Dichlorobenzene	5.794	146	213747	105.83	ng	98
15) 1,2-Dichlorobenzene	5.917	146	202700	107.42	ng	98
16) Benzyl alcohol	5.896	108	124281	109.76	ng	73
17) bis(2-chloroisopropyl)...	6.008	45	203623	103.86	ng	91
18) 2-Methylphenol	5.986	108	169776	109.30	ng	97
19) Acetophenone	6.109	105	248015	100.59	ng	79
20) Hexachloroethane	6.195	117	77875	109.76	ng	76
21) N-Nitroso-di-n-propyla...	6.115	70	118695	101.89	ng	70
22) 3&4-Methylphenol	6.109	108	166551	104.56	ng	96
25) Nitrobenzene	6.249	77	179639	113.05	ng	77
26) Isophorone	6.436	82	334204	111.05	ng	83
27) 2-Nitrophenol	6.495	139	100240	121.92	ng	85
28) 2,4-Dimethylphenol	6.527	107	183371	112.78	ng	93
29) Benzoic Acid	6.612	105	132632m	121.82	ng	
30) bis(2-Chloroethoxy)met...	6.602	93	196599	108.13	ng	96
31) 2,4-Dichlorophenol	6.682	162	162571	119.13	ng	85
32) 1,2,4-Trichlorobenzene	6.746	180	178673	113.05	ng	98
33) Naphthalene	6.810	128	549829	108.87	ng	99
34) 4-Chloroaniline	6.842	127	158113	103.18	ng	100
35) Hexachlorobutadiene	6.896	225	103692	115.59	ng	96
36) Caprolactam	7.136	113	65692	117.59	ng	70
37) 4-Chloro-3-methylphenol	7.211	107	158491	114.88	ng	73
38) 2-Methylnaphthalene	7.340	142	355743	108.93	ng	98
39) Methylnaphthalenes (To...	7.340	142	355743	108.93	ng	98
40) 1,1'-Biphenyl	7.714	154	477888	108.94	ng	92
42) 1,2,4,5-Tetrachloroben...	7.473	216	200247	110.77	ng	98
43) Hexachlorocyclopentadiene	7.463	237	107208	123.41	ng	98
44) 2,4,6-Trichlorophenol	7.559	196	116715	118.26	ng	100
45) 2,4,5-Trichlorophenol	7.596	196	127599	117.76	ng	100
47) 2-Chloronaphthalene	7.735	162	352125	107.86	ng	94
48) 1,4-Dimethylnaphthalene	8.019	156	324761	106.63	ng	90
49) Dimethylnaphthalenes (...	8.019	156	324761	106.63	ng	90
50) Diphenyl Ether	7.800	170	270018	107.60	ng	77
51) 2-Nitroaniline	7.816	65	121932	115.22	ng	44
52) Acenaphthylene	8.094	152	603571	110.80	ng	99
53) Dimethylphthalate	7.960	163	414176	109.49	ng	98
54) 2,6-Dinitrotoluene	8.019	165	94031	116.19	ng	62
55) Acenaphthene	8.244	153	380366	109.07	ng	96
56) 3-Nitroaniline	8.163	138	91825	118.79	ng	76
57) 2,4-Dinitrophenol	8.260	184	47422	127.02	ng	73
58) Dibenzofuran	8.399	168	516572	106.65	ng	87
59) 2,4-Dinitrotoluene	8.377	165	132734	115.94	ng	55

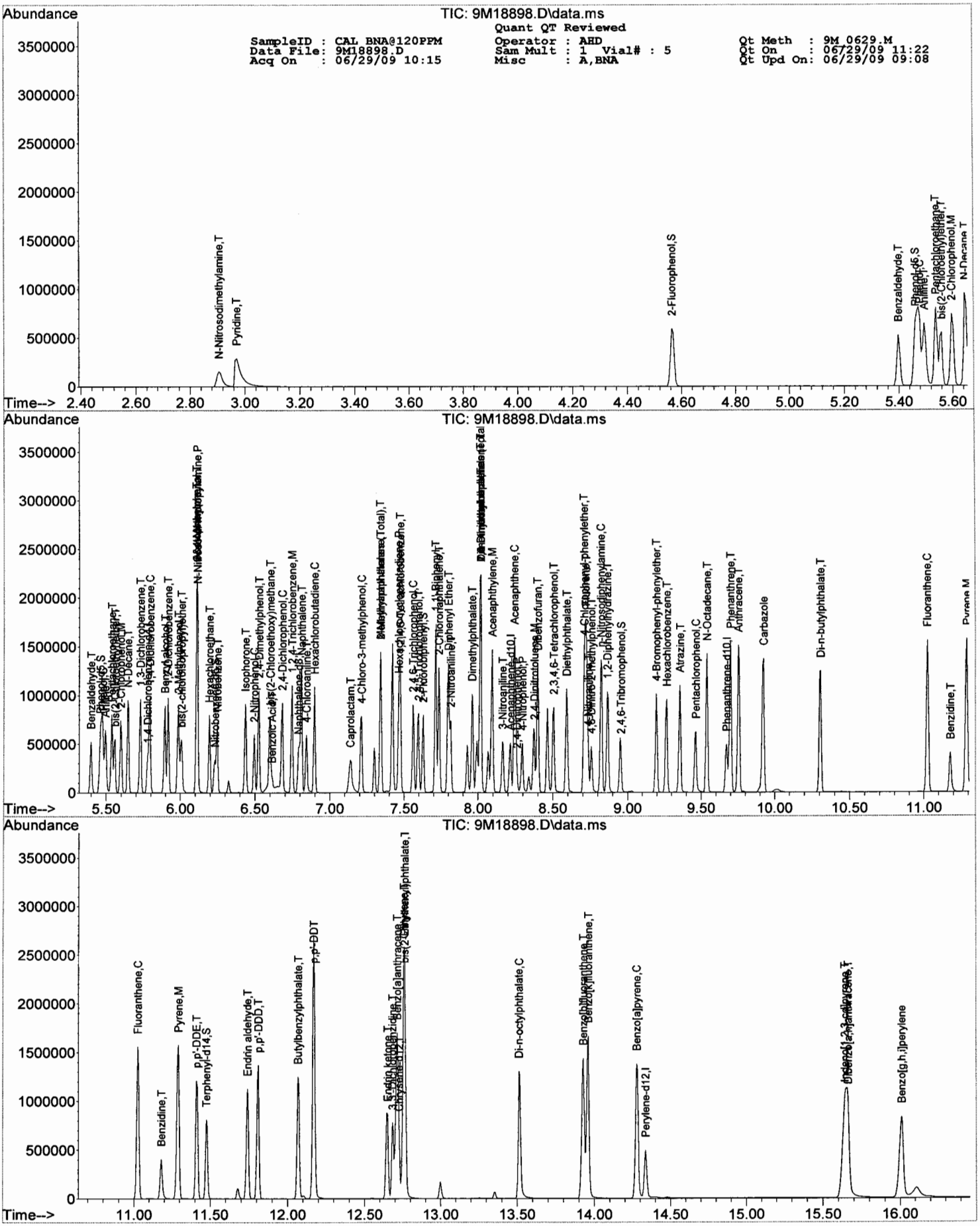
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18898.D Sam Mult : 1 Vial# : 5 Qt On : 06/29/09 11:22
Acq On : 06/29/09 10:15 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.297	65	71585	113.10	ng	79
61)	2,3,4,6-Tetrachlorophenol	8.506	232	117175	117.08	ng	84
62)	Fluorene	8.720	166	434792	109.74	ng	99
63)	4-Chlorophenyl-phenyle...	8.709	204	206107	111.24	ng	86
64)	Diethylphthalate	8.591	149	424618	110.24	ng	98
65)	4-Nitroaniline	8.736	138	118928	115.49	ng	74
66)	Atrazine	9.356	200	135656	117.79	ng	97
68)	4,6-Dinitro-2-methylph...	8.757	198	69414	126.31	ng	100
69)	n-Nitrosodiphenylamine	8.821	169	372565	111.22	ng	99
71)	1,2-Diphenylhydrazine	8.864	77	400520	109.83	ng	84
72)	4-Bromophenyl-phenylether	9.196	248	124667	116.38	ng	84
73)	Hexachlorobenzene	9.265	284	128076	115.16	ng	66
74)	N-Octadecane	9.538	57	236246	112.92	ng	78
75)	Pentachlorophenol	9.463	266	78396	121.86	ng	96
76)	Phenanthrene	9.698	178	628303	106.80	ng	100
77)	Anthracene	9.752	178	646364	111.51	ng	99
78)	Carbazole	9.923	167	648499	113.59	ng	97
79)	Di-n-butylphthalate	10.308	149	741059	117.47	ng	97
80)	Fluoranthene	11.025	202	696578	114.31	ng	91
82)	Pyrene	11.292	202	756960	110.90	ng	85
83)	Benzidine	11.180	184	173238	79.97	ng	85
85)	p,p'-DDE	11.410	246	166097	113.55	ng	91
86)	Endrin	11.742	81	36975	115.21	ng	30
87)	p,p'-DDD	11.811	235	272962	115.26	ng	94
88)	Butylbenzylphthalate	12.068	149	345227	119.48	ng	71
89)	Endrin aldehyde	11.742	67	20204	110.61	ng	75
90)	p,p'-DDT	12.169	235	280428	115.38	ng	99
91)	Endrin ketone	12.651	317	26695	111.66	ng	98
92)	3,3'-Dichlorobenzidine	12.683	252	175291	119.81	ng	96
93)	Benzo[a]anthracene	12.715	228	728573	110.68	ng	98
94)	Chrysene	12.758	228	697908	109.47	ng	100
95)	bis(2-Ethylhexyl)phtha...	12.763	149	464832	117.66	ng	95
97)	Di-n-octylphthalate	13.512	149	785015	109.37	ng	100
98)	Benzo[b]fluoranthene	13.929	252	707818	122.03	ng	94
99)	Benzo[k]fluoranthene	13.961	252	672044	111.98	ng	93
100)	Benzo[a]pyrene	14.277	252	664890	120.94	ng	94
101)	Indeno[1,2,3-cd]pyrene	15.641	276	681222	123.74	ng	92
102)	Dibenzo[a,h]anthracene	15.662	278	562411	123.91	ng	92
103)	Benzo[g,h,i]perylene	16.010	276	555796	120.64	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M18898.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 9M18898.D
Acq On : 06/29/09 10:15
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 06/29/09 11:22
Qt Upd On: 06/29/09 09:08
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
Time-->
Abundance
TIC: 9M18898.D\data.ms
Benzaldehyde,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
Acenaphthene,C
Diethylphthalate,T
Fluorene,C
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Benzidine,T
Fluoranthene,C
Pyrene,M
Time-->
Abundance
TIC: 9M18898.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18897.D Sam Mult : 1 Vial# : 4 Qt On : 06/29/09 11:22
Acq On : 06/29/09 09:51 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.778	152	50008	40.00	ng	0.00
23) Naphthalene-d8	6.794	136	192664	40.00	ng	0.00
41) Acenaphthene-d10	8.217	164	114210	40.00	ng	0.00
67) Phenanthrene-d10	9.672	188	198001	40.00	ng	0.00
81) Chrysene-d12	12.726	240	184286	40.00	ng	0.00
96) Perylene-d12	14.341	264	191379	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.569	112	238117	155.77	ng	0.00
Spiked Amount 100.000			Recovery = 155.77%			
9) Phenol-d5	5.468	99	308416	149.25	ng	0.01
Spiked Amount 100.000			Recovery = 149.25%			
24) Nitrobenzene-d5	6.232	128	62934	80.13	ng	0.00
Spiked Amount 50.000			Recovery = 160.26%			
46) 2-Fluorobiphenyl	7.628	172	288379	72.32	ng	0.00
Spiked Amount 50.000			Recovery = 144.64%			
70) 2,4,6-Tribromophenol	8.955	330	77974	159.53	ng	0.00
Spiked Amount 100.000			Recovery = 159.53%			
84) Terphenyl-d14	11.479	244	380945	76.47	ng	0.00
Spiked Amount 50.000			Recovery = 152.94%			
Target Compounds						Qvalue
2) Pyridine	2.964	79	254152	163.63	ng	72
3) N-Nitrosodimethylamine	2.906	74	127260	156.76	ng	76
5) Benzaldehyde	5.398	77	64440	48.28	ng	74
6) Aniline	5.500	93	324559	149.37	ng	90
7) Pentachloroethane	5.537	117	98520	149.53	ng	75
8) bis(2-Chloroethyl)ether	5.558	93	206022	137.22	ng	80
10) Phenol	5.478	94	317490	145.54	ng	88
11) 2-Chlorophenol	5.601	128	256353	148.78	ng	75
12) N-Decane	5.649	57	218787	139.12	ng	81
13) 1,3-Dichlorobenzene	5.730	146	274437	144.21	ng	97
14) 1,4-Dichlorobenzene	5.794	146	280963	142.50	ng	98
15) 1,2-Dichlorobenzene	5.917	146	260639	141.49	ng	98
16) Benzyl alcohol	5.895	108	163062	147.52	ng	75
17) bis(2-chloroisopropyl)...	6.008	45	265526	138.74	ng	90
18) 2-Methylphenol	5.986	108	221765	146.26	ng	97
19) Acetophenone	6.115	105	333132	138.41	ng	78
20) Hexachloroethane	6.195	117	102450	147.91	ng	74
21) N-Nitroso-di-n-propyla...	6.115	70	160205	140.87	ng	72
22) 3&4-Methylphenol	6.115	108	221001	142.12	ng	100
25) Nitrobenzene	6.248	77	236807	147.85	ng	77
26) Isophorone	6.441	82	444099	146.40	ng	80
27) 2-Nitrophenol	6.494	139	135172	163.11	ng	87
28) 2,4-Dimethylphenol	6.527	107	247333	150.91	ng	95
29) Benzoic Acid	6.623	105	184691m	156.12	ng	
30) bis(2-Chloroethoxy)met...	6.601	93	261518	142.70	ng	97
31) 2,4-Dichlorophenol	6.682	162	212723	154.65	ng	87
32) 1,2,4-Trichlorobenzene	6.746	180	231645	145.41	ng	98
33) Naphthalene	6.810	128	717124	140.87	ng	99
34) 4-Chloroaniline	6.842	127	188307	121.91	ng	100
35) Hexachlorobutadiene	6.896	225	137800	152.39	ng	97
36) Caprolactam	7.152	113	86741	154.03	ng	71
37) 4-Chloro-3-methylphenol	7.211	107	213997	153.88	ng	76
38) 2-Methylnaphthalene	7.340	142	471882	143.34	ng	98
39) Methylnaphthalenes (To...	7.340	142	471882	143.34	ng	98
40) 1,1'-Biphenyl	7.714	154	625389	141.43	ng	92
42) 1,2,4,5-Tetrachloroben...	7.473	216	266658	146.62	ng	99
43) Hexachlorocyclopentadiene	7.463	237	146866	160.21	ng	99
44) 2,4,6-Trichlorophenol	7.559	196	155633	156.74	ng	100
45) 2,4,5-Trichlorophenol	7.596	196	169727	155.70	ng	99
47) 2-Chloronaphthalene	7.735	162	465397	141.71	ng	94
48) 1,4-Dimethylnaphthalene	8.019	156	426036	139.04	ng	91
49) Dimethylnaphthalenes (...	8.019	156	426036	139.04	ng	91
50) Diphenyl Ether	7.800	170	359692	142.47	ng	77
51) 2-Nitroaniline	7.816	65	160660	150.91	ng	51
52) Acenaphthylene	8.094	152	788760	143.93	ng	98
53) Dimethylphthalate	7.965	163	543667	142.86	ng	98
54) 2,6-Dinitrotoluene	8.019	165	123150	151.25	ng	64
55) Acenaphthene	8.249	153	494347	140.90	ng	96
56) 3-Nitroaniline	8.169	138	113351	150.86	ng	71
57) 2,4-Dinitrophenol	8.259	184	65638	161.64	ng	83
58) Dibenzofuran	8.404	168	686425	140.86	ng	86
59) 2,4-Dinitrotoluene	8.377	165	173652	150.77	ng	62

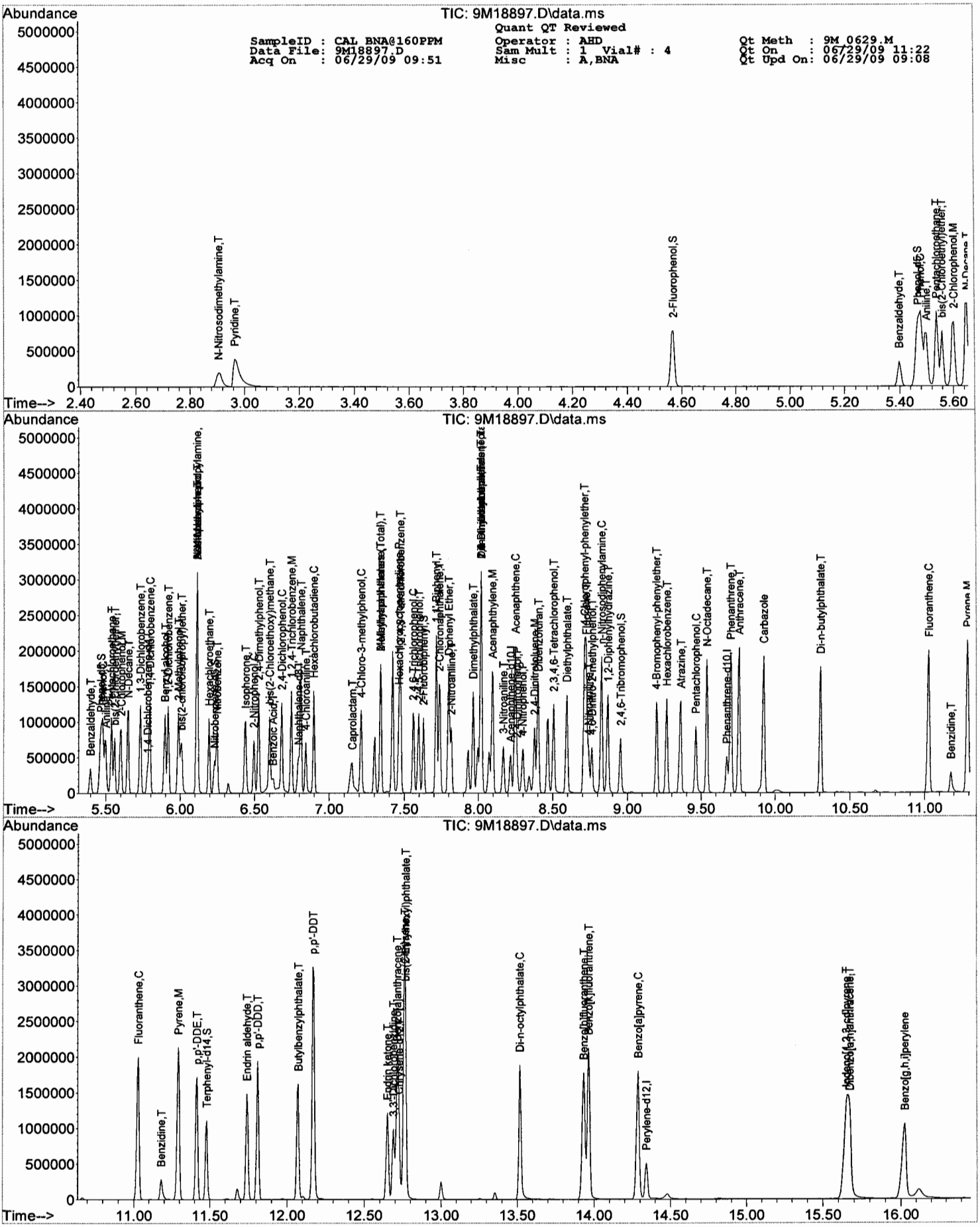
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18897.D Sam Mult : 1 Vial# : 4 Qt On : 06/29/09 11:22
Acq On : 06/29/09 09:51 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.297	65	95664	150.23	ng	85
61)	2,3,4,6-Tetrachlorophenol	8.506	232	157416	156.35	ng	83
62)	Fluorene	8.725	166	577713	144.94	ng	99
63)	4-Chlorophenyl-phenyle...	8.714	204	274696	147.37	ng	81
64)	Diethylphthalate	8.596	149	556686	143.65	ng	96
65)	4-Nitroaniline	8.741	138	154897	149.51	ng	75
66)	Atrazine	9.361	200	178186	153.78	ng	96
68)	4,6-Dinitro-2-methylph...	8.762	198	94310	159.86	ng	100
69)	n-Nitrosodiphenylamine	8.826	169	492314	143.71	ng	99
71)	1,2-Diphenylhydrazine	8.869	77	522799	140.18	ng	79
72)	4-Bromophenyl-phenylether	9.195	248	170262	155.42	ng	85
73)	Hexachlorobenzene	9.265	284	173858	152.86	ng	67
74)	N-Octadecane	9.538	57	304760	142.44	ng	77
75)	Pentachlorophenol	9.463	266	109792	157.45	ng	97
76)	Phenanthrene	9.698	178	854357	142.00	ng	99
77)	Anthracene	9.757	178	860923	145.23	ng	98
78)	Carbazole	9.923	167	854897	146.42	ng	98
79)	Di-n-butylphthalate	10.308	149	995701	154.34	ng	98
80)	Fluoranthene	11.030	202	949106	152.29	ng	88
82)	Pyrene	11.292	202	1013256	149.02	ng	88
83)	Benzidine	11.180	184	128324	59.46	ng	86
85)	p,p'-DDE	11.415	246	228412	156.75	ng	92
86)	Endrin	11.741	81	48366	151.28	ng	27
87)	p,p'-DDD	11.811	235	370358	156.99	ng	94
88)	Butylbenzylphthalate	12.073	149	453985	157.73	ng	67
89)	Endrin aldehyde	11.741	67	26510	145.70	ng	77
90)	p,p'-DDT	12.169	235	377740	156.01	ng	98
91)	Endrin ketone	12.651	317	37035	155.51	ng	98
92)	3,3'-Dichlorobenzidine	12.688	252	220906	151.57	ng	97
93)	Benzo[a]anthracene	12.715	228	965136	147.18	ng	98
94)	Chrysene	12.763	228	913172	143.78	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.768	149	610776	155.20	ng	93
97)	Di-n-octylphthalate	13.517	149	1076264	144.79	ng	100
98)	Benzo[b]fluoranthene	13.934	252	940627	156.59	ng	95
99)	Benzo[k]fluoranthene	13.966	252	891835	143.49	ng	95
100)	Benzo[a]pyrene	14.287	252	886197	155.65	ng	94
101)	Indeno[1,2,3-cd]pyrene	15.651	276	920716	161.49	ng	91
102)	Dibenzo[a,h]anthracene	15.673	278	754329	160.48	ng	91
103)	Benzo[g,h,i]perylene	16.026	276	747877	156.75	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 9M18897.D
Acq On : 06/29/09 09:51
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 06/29/09 11:22
Qt Upd On: 06/29/09 09:08
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
Time-->
Abundance
TIC: 9M18897.D\data.ms
Benzaldehyde,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Time-->
Abundance
TIC: 9M18897.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18896.D Sam Mult : 1 Vial# : 3 Qt On : 06/29/09 11:21
Acq On : 06/29/09 09:28 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.778	152	45610	40.00	ng	0.00
23) Naphthalene-d8	6.800	136	175317	40.00	ng	0.00
41) Acenaphthene-d10	8.233	164	105355	40.00	ng	0.02
67) Phenanthrene-d10	9.682	188	179143	40.00	ng	0.00
81) Chrysene-d12	12.731	240	164519	40.00	ng	0.00
96) Perylene-d12	14.341	264	164014	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.569	112	279032	200.14	ng	0.00
Spiked Amount 100.000			Recovery = 200.14%			
9) Phenol-d5	5.468	99	363753	193.00	ng	0.01
Spiked Amount 100.000			Recovery = 193.00%			
24) Nitrobenzene-d5	6.238	128	72930	102.05	ng	0.00
Spiked Amount 50.000			Recovery = 204.10%			
46) 2-Fluorobiphenyl	7.645	172	340812	92.65	ng	0.02
Spiked Amount 50.000			Recovery = 185.30%			
70) 2,4,6-Tribromophenol	8.971	330	93011	210.33	ng	0.02
Spiked Amount 100.000			Recovery = 210.33%			
84) Terphenyl-d14	11.485	244	448333	100.81	ng	0.00
Spiked Amount 50.000			Recovery = 201.62%			
Target Compounds						Qvalue
2) Pyridine	2.965	79	306088	216.06	ng	73
3) N-Nitrosodimethylamine	2.911	74	154710	208.94	ng	75
5) Benzaldehyde	5.398	77	56995	46.82	ng	78
6) Aniline	5.500	93	400795	197.93	ng	59
7) Pentachloroethane	5.537	117	115822	192.74	ng	75
8) bis(2-Chloroethyl)ether	5.559	93	246368	179.92	ng	82
10) Phenol	5.484	94	376804	189.38	ng	91
11) 2-Chlorophenol	5.601	128	302825	192.70	ng	78
12) N-Decane	5.650	57	256332	178.71	ng	82
13) 1,3-Dichlorobenzene	5.730	146	323621	186.46	ng	97
14) 1,4-Dichlorobenzene	5.794	146	333234	185.31	ng	98
15) 1,2-Dichlorobenzene	5.917	146	305711	181.96	ng	99
16) Benzyl alcohol	5.901	108	190851	189.31	ng	72
17) bis(2-chloroisopropyl)...	6.008	45	304188	174.27	ng	90
18) 2-Methylphenol	5.992	108	261278	188.93	ng	94
19) Acetophenone	6.115	105	384434	175.13	ng	77
20) Hexachloroethane	6.195	117	120056	190.04	ng	82
21) N-Nitroso-di-n-propyla...	6.120	70	184761	178.13	ng	70
22) 3&4-Methylphenol	6.120	108	253948	179.06	ng	98
25) Nitrobenzene	6.254	77	279154	191.54	ng	77
26) Isophorone	6.447	82	525404	190.34	ng	80
27) 2-Nitrophenol	6.500	139	154635	205.06	ng	87
28) 2,4-Dimethylphenol	6.532	107	291604	195.53	ng	95
29) Benzoic Acid	6.639	105	217421m	188.92	ng	
30) bis(2-Chloroethoxy)met...	6.607	93	303431	181.96	ng	97
31) 2,4-Dichlorophenol	6.693	162	254007	202.93	ng	85
32) 1,2,4-Trichlorobenzene	6.757	180	275671	190.17	ng	97
33) Naphthalene	6.821	128	842613	181.90	ng	99
34) 4-Chloroaniline	6.853	127	199169	141.70	ng	99
35) Hexachlorobutadiene	6.906	225	161221	195.93	ng	96
36) Caprolactam	7.169	113	100885	196.88	ng	72
37) 4-Chloro-3-methylphenol	7.227	107	256461	202.67	ng	74
38) 2-Methylnaphthalene	7.356	142	553061	184.63	ng	99
39) Methylnaphthalenes (To...	7.356	142	553061	184.63	ng	99
40) 1,1'-Biphenyl	7.730	154	734526	182.55	ng	92
42) 1,2,4,5-Tetrachloroben...	7.489	216	312990	186.56	ng	99
43) Hexachlorocyclopentadiene	7.479	237	172334	195.14	ng	99
44) 2,4,6-Trichlorophenol	7.575	196	180195	196.73	ng	99
45) 2,4,5-Trichlorophenol	7.612	196	200413	199.31	ng	99
47) 2-Chloronaphthalene	7.752	162	545788	180.15	ng	94
48) 1,4-Dimethylnaphthalene	8.035	156	497767	176.11	ng	90
49) Dimethylnaphthalenes (...	8.035	156	497767	176.11	ng	90
50) Diphenyl Ether	7.816	170	433110	185.97	ng	75
51) 2-Nitroaniline	7.832	65	190437	193.91	ng	51
52) Acenaphthylene	8.110	152	916629	181.32	ng	98
53) Dimethylphthalate	7.982	163	649798	185.09	ng	99
54) 2,6-Dinitrotoluene	8.035	165	142805	190.13	ng	65
55) Acenaphthene	8.260	153	584316	180.54	ng	95
56) 3-Nitroaniline	8.185	138	131608	200.85	ng	72
57) 2,4-Dinitrophenol	8.276	184	77347	193.25	ng	86
58) Dibenzofuran	8.415	168	820410	182.51	ng	89
59) 2,4-Dinitrotoluene	8.393	165	206167	194.05	ng	65

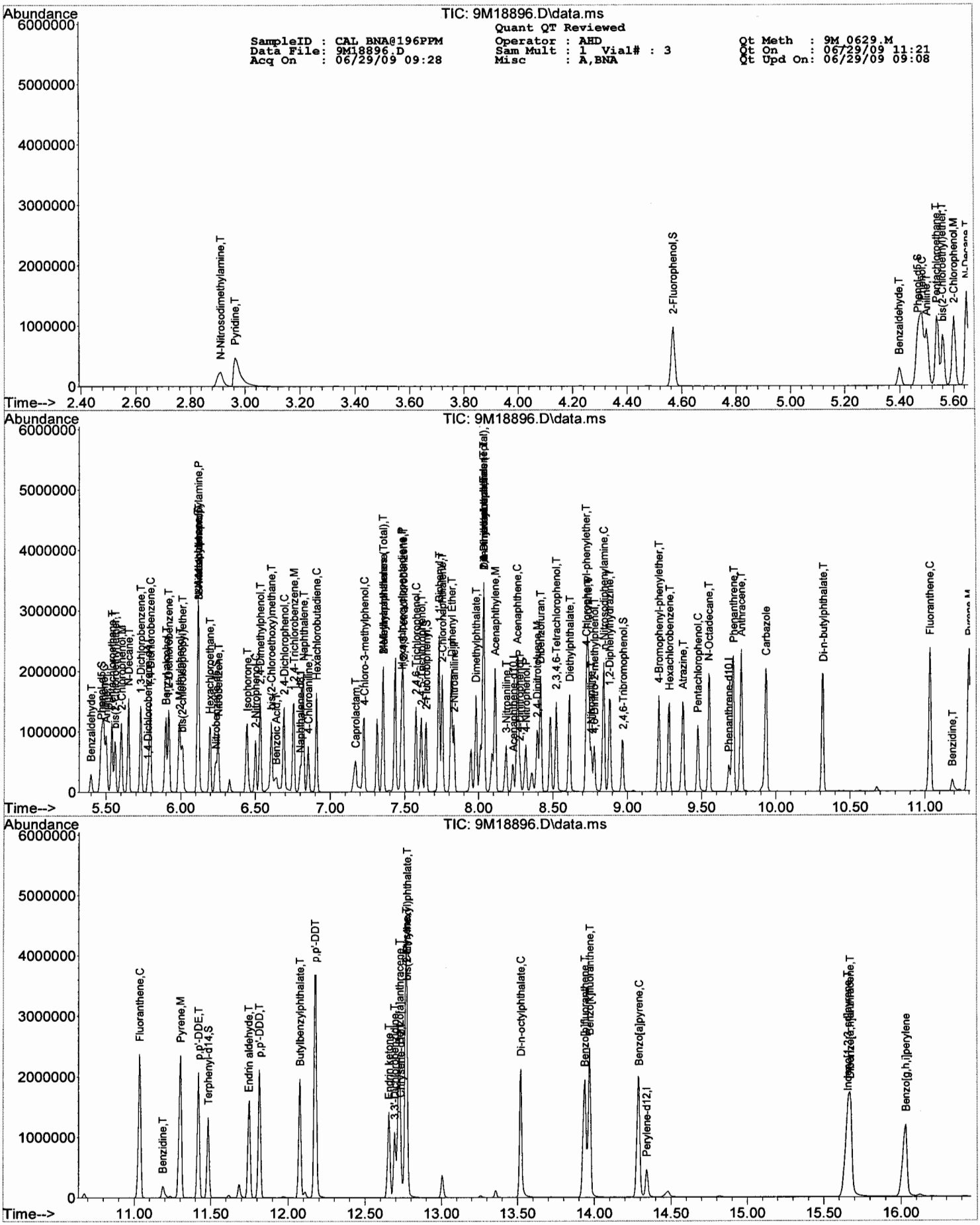
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 9M_0629.M
Data File: 9M18896.D Sam Mult : 1 Vial# : 3 Qt On : 06/29/09 11:21
Acq On : 06/29/09 09:28 Misc : A,BNA Qt Upd On: 06/29/09 09:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.319	65	115055	195.87	ng	83
61)	2,3,4,6-Tetrachlorophenol	8.522	232	183958	198.06	ng	83
62)	Fluorene	8.736	166	668138	181.72	ng	99
63)	4-Chlorophenyl-phenyle...	8.725	204	325055	189.05	ng	87
64)	Diethylphthalate	8.613	149	659534	184.50	ng	96
65)	4-Nitroaniline	8.757	138	184774	193.34	ng	76
66)	Atrazine	9.372	200	215306	201.44	ng	99
68)	4,6-Dinitro-2-methylph...	8.779	198	112824	200.02	ng	100
69)	n-Nitrosodiphenylamine	8.843	169	576909	186.14	ng	99
71)	1,2-Diphenylhydrazine	8.880	77	617542	183.01	ng	82
72)	4-Bromophenyl-phenylether	9.212	248	200968	202.76	ng	84
73)	Hexachlorobenzene	9.281	284	204789	199.00	ng	64
74)	N-Octadecane	9.549	57	360366	186.16	ng	79
75)	Pentachlorophenol	9.474	266	129197	193.66	ng	96
76)	Phenanthrene	9.715	178	1001003	183.89	ng	99
77)	Anthracene	9.768	178	1012740	188.83	ng	98
78)	Carbazole	9.934	167	988885	187.19	ng	98
79)	Di-n-butylphthalate	10.319	149	1152875	197.51	ng	98
80)	Fluoranthene	11.036	202	1114773	197.70	ng	91
82)	Pyrene	11.303	202	1162985	191.59	ng	86
83)	Benzidine	11.185	184	96153	49.91	ng	88
85)	p,p'-DDE	11.421	246	266770	205.07	ng	92
86)	Endrin	11.747	81	57971	203.11	ng	28
87)	p,p'-DDD	11.817	235	431573	204.91	ng	94
88)	Butylbenzylphthalate	12.079	149	525331	204.44	ng	68
89)	Endrin aldehyde	11.747	67	31562	194.30	ng	77
90)	p,p'-DDT	12.175	235	444019	205.42	ng	98
91)	Endrin ketone	12.656	317	43157	202.99	ng	98
92)	3,3'-Dichlorobenzidine	12.694	252	237102	182.23	ng	97
93)	Benzo[a]anthracene	12.726	228	1105510	188.84	ng	98
94)	Chrysene	12.769	228	1056826	186.39	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.774	149	701096	199.56	ng	92
97)	Di-n-octylphthalate	13.523	149	1250988	196.38	ng	100
98)	Benzo[b]fluoranthene	13.940	252	1125276	218.58	ng	95
99)	Benzo[k]fluoranthene	13.972	252	980174m	184.02	ng	
100)	Benzo[a]pyrene	14.293	252	1016819	208.38	ng	93
101)	Indeno[1,2,3-cd]pyrene	15.657	276	1051617	215.22	ng	92
102)	Dibenzo[a,h]anthracene	15.673	278	871278	216.28	ng	92
103)	Benzo[g,h,i]perylene	16.031	276	862256	210.87	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M18896.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 9M18896.D
Acq On : 06/29/09 09:28
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 06/29/09 11:21
Qt Upd On: 06/29/09 09:08
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Time-->

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_10

0596

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M05589.	CAL BNA@50PPM	06/29/09 12:17	2	10M05588.	CAL BNA@2PPM	06/29/09 11:53
3	10M05587.	CAL BNA@10PPM	06/29/09 11:29	4	10M05586.	CAL BNA@20PPM	06/29/09 11:05
5	10M05585.	CAL BNA@80PPM	06/29/09 10:41	6	10M05584.	CAL BNA@120PPM	06/29/09 10:17
7	10M05583.	CAL BNA@160PPM	06/29/09 09:55	8	10M05582.	CAL BNA@196PPM	06/29/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.3454	1.3681	1.4281	1.3625	1.3143	1.2868	1.2420	1.3079	-----	1.33	2.33	0.999	0.999	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.7053	0.7184	0.8344	0.7727	0.7228	0.6872	0.6788	0.7207	-----	0.730	2.28	0.998	0.998	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.2470	1.3289	1.4117	1.3511	1.2872	1.2386	1.2247	1.2817	-----	1.30	4.09	0.999	0.999	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	0.9777	1.2402	1.2321	1.1256	0.8302	0.6016	0.3203	0.2474	-----	0.822	4.96	0.727	0.992	48		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	LinF	1.9381	1.6258	2.0437	2.0428	1.9286	1.6946	1.6454	1.6496	-----	1.82	5.06	0.996	0.998	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.4954	0.6023	0.6033	0.5543	0.5049	0.4706	0.4586	0.4682	-----	0.520	5.10	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.2679	1.4743	1.5121	1.3966	1.2696	1.1465	1.1442	1.1509	-----	1.30	5.13	0.998	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.6997	1.7548	1.9907	1.8465	1.7440	1.5932	1.5649	1.6025	-----	1.72	5.04	0.998	0.999	8.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.7356	1.9192	2.0945	1.9371	1.7380	1.5269	1.4596	1.4884	-----	1.74	5.05	0.995	0.997	13	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3827	1.5234	1.6151	1.5031	1.4213	1.3262	1.3083	1.3516	-----	1.43	5.16	0.999	0.999	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.3647	1.7411	1.6688	1.5362	1.3111	1.1782	-----	-----	-----	1.47	5.22	0.994	1.00	15		50.00	2.00	10.00	20.00	80.00	120.0			
1.3-Dichlorobenzene	1	0	Avg	1.4631	1.7576	1.7437	1.6002	1.4519	1.3447	1.3126	1.3333	-----	1.50	5.29	0.999	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dichlorobenzene	1	0	Avg	1.5112	1.8326	1.8123	1.6489	1.5007	1.3802	1.3272	1.3634	-----	1.55	5.36	0.998	0.998	13	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Dichlorobenzene	1	0	Avg	1.4232	1.6883	1.7042	1.5920	1.4142	1.2691	1.1903	1.1813	-----	1.43	5.48	0.994	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.9201	0.9449	1.0886	1.0104	0.9434	0.8398	0.8143	0.8174	-----	0.922	5.47	0.997	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	1.9243	2.5179	2.4087	2.1701	1.9092	1.6968	-----	-----	-----	2.10	5.59	0.993	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0			
2-Methylphenol	1	0	Avg	1.2453	1.3629	1.4753	1.3563	1.2741	1.1651	1.1535	1.1759	-----	1.28	5.57	0.999	0.999	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.9303	2.2656	2.3817	2.1866	1.9034	1.6699	1.6213	-----	-----	1.99	5.69	0.993	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Hexachloroethane	1	0	Avg	0.5305	0.6458	0.6347	0.5893	0.5352	0.4962	0.4823	0.4875	-----	0.550	5.76	0.999	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.8873	1.1186	1.1215	1.0273	0.8785	0.7609	-----	-----	-----	0.966	5.69	0.990	0.999	15	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0			
3&4-Methylphenol	1	0	Avg	1.3034	1.4094	1.5943	1.4785	1.3101	1.1457	1.1022	1.0935	-----	1.30	5.70	0.995	0.998	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1684	0.1811	0.1854	0.1765	0.1724	0.1670	0.1669	0.1696	-----	0.173	5.80	1.00	1.00	4.0		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3148	0.3276	0.3644	0.3394	0.3091	0.2903	0.2801	0.2881	-----	0.314	5.82	0.999	0.999	9.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6356	0.7098	0.7524	0.7065	0.6266	0.5842	0.5758	0.6012	-----	0.649	6.01	0.998	0.998	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1795	0.1510	0.1852	0.1869	0.1842	0.1782	0.1721	0.1744	-----	0.176	6.07	0.999	1.00	6.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dimethylphenol	1	0	Avg	0.3235	0.3421	0.3714	0.3572	0.3238	0.2982	0.2913	0.3025	-----	0.326	6.11	0.998	0.998	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.2259	-----	0.1941	0.2079	0.2307	0.2177	0.2176	0.2244	-----	0.217	6.19	0.999	0.999	5.7		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3999	0.4477	0.4831	0.4459	0.3883	0.3573	0.3429	0.3532	-----	0.402	6.19	0.998	0.998	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dichlorophenol	1	0	Avg	0.2965	0.2785	0.3320	0.3152	0.2956	0.2785	0.2674	0.2774	-----	0.293	6.26	0.998	0.999	7.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4-Trichlorobenzene	1	0	Avg	0.3246	0.3576	0.3726	0.3456	0.3123	0.2909	0.2785	0.2805	-----	0.320	6.32	0.998	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Qua	1.0394	1.2390	1.2373	1.1384	0.9818	0.8860	0.8360	0.8403	-----	1.02	6.38	0.995	0.998	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Qua	0.4193	0.3561	0.4378	0.4469	0.3905	0.3228	0.2953	0.2566	-----	0.366	6.42	0.958	0.999	19		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.1701	0.1941	0.1960	0.1825	0.1649	0.1526	0.1463	0.1491	-----	0.170	6.47	0.998	0.999	12	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1374	0.1242	0.1525	0.1502	0.1414	0.1323	0.1309	0.1243	-----	0.137	6.70	0.997	1.00	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.2925	0.2897	0.3291	0.3119	0.2913	0.2699	0.2667	0.2720	-----	0.290	6.79	0.999	0.999	7.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Qua	0.6859	0.7679	0.8053	0.7531	0.6481	0.5802	0.5475	0.5408	-----	0.666	6.90	0.994	0.999	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Qua	0.6859	0.7679	0.8053	0.7531	0.6481	0.5802	0.5475	0.5408	-----	0.666	6.90	0.994	0.999	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.1'-Biphenyl	1	0	Qua	0.8911	1.0468	1.0803	0.9927	0.8534	0.7366	0.6900	0.6801	-----	0.871	7.25	0.990	0.998	18		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4.5-Tetrachloroben	1	0	Qua	0.5786	0.6735	0.6966	0.6587	0.5589	0.4873	0.4645	0.4611	-----	0.572	7.02	0.993	0.998	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.2147	-----	0.1569	0.1969	0.2368	0.2340	0.2288	0.2307	-----	0.214	7.01	0.999	1.00	13	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Trichlorophenol	1	0	Avg	0.3561	0.3658	0.3965	0.3774	0.3583	0.3317	0.3270	0.3359	-----	0.356	7.11	0.995	0.999	6.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 12.5

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_10

0597

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M05589.	CAL BNA@50PPM	06/29/09 12:17	2	10M05588.	CAL BNA@2PPM	06/29/09 11:53
3	10M05587.	CAL BNA@10PPM	06/29/09 11:29	4	10M05586.	CAL BNA@20PPM	06/29/09 11:05
5	10M05585.	CAL BNA@80PPM	06/29/09 10:41	6	10M05584.	CAL BNA@120PPM	06/29/09 10:17
7	10M05583.	CAL BNA@160PPM	06/29/09 09:55	8	10M05582.	CAL BNA@196PPM	06/29/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.3853	0.4028	0.4393	0.4211	0.3980	0.3626	0.3636	0.3720	-----	0.393	7.14	0.999	0.999	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.3185	1.5727	1.5532	1.4512	1.3123	1.2131	1.1864	1.2075	-----	1.35	7.17	0.992	0.998	12		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.0902	1.2894	1.3184	1.2296	1.0739	0.9608	0.9123	0.9064	-----	1.10	7.27	0.995	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthaler	1	0	Qua	1.0365	1.2330	1.2669	1.1829	0.9815	0.8186	0.7664	0.7555	-----	1.01	7.53	0.987	0.996	21		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Qua	1.0365	1.2330	1.2669	1.1829	0.9815	0.8186	0.7664	0.7555	-----	1.01	7.53	0.987	0.996	21		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8486	0.9960	0.9958	0.9343	0.8282	0.7327	0.7017	0.6947	-----	0.842	7.33	0.995	0.998	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.3486	0.3471	0.3966	0.3870	0.3592	0.3263	0.3183	0.3231	-----	0.351	7.35	0.998	0.999	8.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Qua	1.8980	2.1071	2.2272	2.0973	1.8226	1.5530	1.4683	1.4347	-----	1.83	7.60	0.989	0.997	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.2557	1.4194	1.4540	1.3795	1.2603	1.1314	1.0947	1.1033	-----	1.26	7.49	0.997	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.2857	0.2138	0.3110	0.3041	0.2931	0.2696	0.2651	0.2717	-----	0.277	7.55	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Qua	1.1558	1.4192	1.3840	1.2875	1.1021	0.9630	0.9200	0.9275	-----	1.14	7.75	0.994	0.997	18	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3290	0.2578	0.3456	0.3509	0.3267	0.2836	0.2667	0.2706	-----	0.304	7.68	0.993	0.997	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.0868	-----	0.0560	0.0672	0.1128	0.1207	0.1256	0.1307	-----	0.100	7.77	0.982	0.996	30	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Qua	1.6226	1.9457	1.9293	1.8003	1.5690	1.3517	1.2669	1.2195	-----	1.59	7.90	0.988	0.998	18		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.3606	0.2269	0.3616	0.3794	0.3857	0.3480	0.3366	0.3230	-----	0.340	7.88	0.995	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Avg	0.2073	0.1573	0.2225	0.2203	0.2238	0.2127	0.2126	0.2267	-----	0.210	7.82	0.999	0.999	11	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3473	0.3397	0.3677	0.3634	0.3517	0.3191	0.3124	0.3193	-----	0.340	8.00	0.998	0.998	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Qua	1.2911	1.5668	1.6026	1.5179	1.2121	1.0102	0.9543	0.9370	-----	1.26	8.20	0.979	0.996	22		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyle	1	0	Qua	0.5903	0.7091	0.7057	0.6728	0.5574	0.4685	0.4480	0.4473	-----	0.575	8.20	0.990	0.996	20		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.2730	1.4328	1.4931	1.4184	1.2870	1.1679	1.1455	1.1717	-----	1.30	8.10	0.998	0.998	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3819	0.3065	0.4007	0.3794	0.3910	0.3598	0.3612	0.3795	-----	0.370	8.22	0.998	0.998	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.3952	0.3696	0.4336	0.4336	0.4027	0.3676	0.3664	0.3845	-----	0.394	8.83	0.998	0.998	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Qua	0.0952	-----	0.0664	0.0834	0.1111	0.1129	0.1154	0.1173	-----	0.100	8.25	0.999	1.00	19		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6668	0.7453	0.7996	0.7469	0.6477	0.5739	0.5410	-----	-----	0.674	8.31	0.991	0.999	14	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0		
2.4.6-Tribromophenol	1	0	Avg	0.1303	0.1144	0.1422	0.1377	0.1326	0.1246	0.1212	0.1224	-----	0.128	8.43	0.999	0.999	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.7114	0.8176	0.8654	0.7974	0.6904	0.6243	0.5995	0.5898	-----	0.712	8.34	0.996	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyle	1	0	Avg	0.2243	0.2417	0.2564	0.2471	0.2246	0.2034	0.1979	0.1993	-----	0.224	8.67	0.998	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2512	0.2937	0.2961	0.2772	0.2526	0.2302	0.2192	0.2205	-----	0.255	8.72	0.989	0.998	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Qua	0.4883	0.5211	0.5893	0.5514	0.4583	0.3927	0.3608	0.3528	-----	0.464	9.01	0.986	0.997	19		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1418	-----	0.1294	0.1410	0.1574	0.1517	0.1487	0.1525	-----	0.146	8.92	0.999	0.999	6.4	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Qua	1.1509	1.4077	1.4199	1.3098	1.1233	0.9860	0.9362	0.9238	-----	1.16	9.14	0.994	0.998	18		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Qua	1.1699	1.3602	1.4067	1.3224	1.1451	1.0038	0.9434	0.9486	-----	1.16	9.19	0.993	0.998	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.1459	1.2928	1.3957	1.2919	1.1384	1.0062	0.9626	0.9777	-----	1.15	9.36	0.996	0.998	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.3024	1.2626	1.5239	1.4473	1.3201	1.1529	1.1235	1.1266	-----	1.28	9.76	0.996	0.998	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.2232	1.2928	1.4444	1.3497	1.2113	1.0505	1.0111	1.0226	-----	1.20	10.43	0.995	0.997	13	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.4145	1.5059	1.6545	1.5799	1.4074	1.2946	1.2699	1.3200	-----	1.43	10.69	0.998	0.998	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.6002	0.3100	0.5679	0.6172	0.5222	0.3830	0.2499	-----	-----	0.464	10.60	0.878	0.998	32		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	1.0444	1.0719	1.1866	1.1382	1.0949	1.0568	1.0610	1.1485	-----	1.10	10.89	0.996	0.998	4.7		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4.4'-DDE	1	0	Avg	0.2824	0.2835	0.3193	0.3118	0.2917	0.2830	0.2806	0.2969	-----	0.294	10.83	0.998	0.999	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0724	0.0823	0.0847	0.0779	0.0724	0.0683	0.0673	0.0685	-----	0.0743	11.13	0.999	0.999	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.4'-DDD	1	0	Avg	0.5056	0.4985	0.5535	0.5458	0.5227	0.4911	0.4904	0.5090	-----	0.515	11.22	0.999	0.999	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 12.5

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

0598

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M05589.	CAL BNA@50PPM	06/29/09 12:17	2	10M05588.	CAL BNA@2PPM	06/29/09 11:53
3	10M05587.	CAL BNA@10PPM	06/29/09 11:29	4	10M05586.	CAL BNA@20PPM	06/29/09 11:05
5	10M05585.	CAL BNA@80PPM	06/29/09 10:41	6	10M05584.	CAL BNA@120PPM	06/29/09 10:17
7	10M05583.	CAL BNA@160PPM	06/29/09 09:55	8	10M05582.	CAL BNA@196PPM	06/29/09 09:33

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.6365	0.5746	0.7073	0.6962	0.6680	0.6357	0.6326	0.6642	-----	0.652	11.49	0.999	0.999	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0301	0.0333	0.0427	0.0371	0.0331	0.0314	0.0305	0.0316	-----	0.0338	11.13	0.998	0.998	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.5009	0.3319	0.5060	0.5184	0.5149	0.4981	0.4927	0.5188	-----	0.485	11.58	0.999	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0675	0.0586	0.0727	0.0711	0.0692	0.0685	0.0694	0.0731	-----	0.0688	12.03	0.998	0.999	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.4384	0.4606	0.4626	0.4641	0.4119	0.3490	0.3132	0.3013	-----	0.400	12.08	0.978	0.997	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.3298	1.4851	1.5833	1.5073	1.3381	1.2250	1.2130	1.2636	-----	1.37	12.09	0.998	0.998	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.2768	1.4531	1.5095	1.4181	1.2848	1.1989	1.1612	1.2175	-----	1.32	12.14	0.998	0.998	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.8861	0.8070	0.9872	0.9652	0.9207	0.8765	0.8563	0.8914	-----	0.899	12.19	0.999	0.999	6.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	1.2628	0.9965	1.3676	1.3721	1.2954	1.2164	1.1495	1.1510	-----	1.23	12.94	0.997	0.999	10	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.1259	1.1555	1.3119	1.2389	1.1827	1.0670	1.1105	1.1365	-----	1.17	13.30	0.998	0.998	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Qua	1.1725	1.2440	1.3911	1.3021	1.0722	1.0054	0.8901	0.8867	-----	1.12	13.33	0.990	0.998	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.1003	1.1087	1.2739	1.2167	1.1231	1.0142	0.9863	1.0054	-----	1.10	13.63	0.998	0.998	9.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.2495	1.3107	1.4332	1.3701	1.2944	1.1088	1.1224	1.1506	-----	1.26	14.77	0.996	0.997	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.0367	1.0598	1.1835	1.1268	1.0663	0.9025	0.8927	0.8841	-----	1.02	14.80	0.994	0.997	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.0275	1.1772	1.2311	1.1327	1.0863	0.9055	0.9511	0.9636	-----	1.06	15.07	0.996	0.996	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria * *- ccc compound*
b - failed the ccc criteria ** *- spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 12.5
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05589.D Sam Mult : 1 Vial# : 10 Qt On : 06/29/09 12:36
Acq On : 06/29/09 12:17 Misc : A,BNA Qt Upd On: 06/29/09 12:34

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.344	152	121327	40.00	ng	0.00
23) Naphthalene-d8	6.360	136	480274	40.00	ng	0.00
41) Acenaphthene-d10	7.719	164	285910	40.00	ng	0.00
67) Phenanthrene-d10	9.115	188	496002	40.00	ng	0.00
81) Chrysene-d12	12.105	240	464240	40.00	ng	0.00
96) Perylene-d12	13.688	264	541326	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.087	112	189130	47.95	ng	0.00
Spiked Amount 100.000			Recovery = 47.95%			
9) Phenol-d5	5.039	99	257774	48.99	ng	0.00
Spiked Amount 100.000			Recovery = 48.99%			
24) Nitrobenzene-d5	5.804	128	50568	24.41	ng	0.00
Spiked Amount 50.000			Recovery = 48.82%			
46) 2-Fluorobiphenyl	7.173	172	235620	24.35	ng	0.00
Spiked Amount 50.000			Recovery = 48.70%			
70) 2,4,6-Tribromophenol	8.425	330	80821	51.00	ng	0.00
Spiked Amount 100.000			Recovery = 51.00%			
84) Terphenyl-d14	10.891	244	303057	23.69	ng	0.00
Spiked Amount 50.000			Recovery = 47.38%			
Target Compounds						Qvalue
2) Pyridine	2.333	79	204051	50.52	ng	80
3) N-Nitrosodimethylamine	2.279	74	106976	48.12	ng	77
5) Benzaldehyde	4.959	77	148288	49.83	ng	67
6) Aniline	5.061	93	293941	57.40	ng	66
7) Pentachloroethane	5.098	117	75134	47.50	ng	80
8) bis(2-Chloroethyl)ether	5.130	93	192301	48.61	ng	79
10) Phenol	5.050	94	263230	49.54	ng	95
11) 2-Chlorophenol	5.157	128	209700	48.21	ng	78
12) N-Decane	5.221	57	206974	46.36	ng	88
13) 1,3-Dichlorobenzene	5.291	146	221905	48.72	ng	98
14) 1,4-Dichlorobenzene	5.360	146	229192	48.68	ng	97
15) 1,2-Dichlorobenzene	5.483	146	215842	49.51	ng	97
16) Benzyl alcohol	5.473	108	139542	49.52	ng	62
17) bis(2-chloroisopropyl)...	5.590	45	291844	45.28	ng	93
18) 2-Methylphenol	5.569	108	188861	48.33	ng	97
19) Acetophenone	5.686	105	292751	47.97	ng	57
20) Hexachloroethane	5.761	117	80466	48.11	ng	79
21) N-Nitroso-di-n-propyla...	5.692	70	134574	45.35	ng	74
22) 3&4-Methylphenol	5.697	108	197680	49.48	ng	98
25) Nitrobenzene	5.820	77	189002	50.25	ng	72
26) Isophorone	6.013	82	381607	48.78	ng	82
27) 2-Nitrophenol	6.072	139	107805	51.62	ng	78
28) 2,4-Dimethylphenol	6.114	107	194214	49.45	ng	81
29) Benzoic Acid	6.195	105	135667m	53.40	ng	
30) bis(2-Chloroethoxy)met...	6.189	93	240100	49.59	ng	96
31) 2,4-Dichlorophenol	6.259	162	178029	50.65	ng	84
32) 1,2,4-Trichlorobenzene	6.323	180	194887	50.77	ng	97
33) Naphthalene	6.376	128	624032	52.75	ng	99
34) 4-Chloroaniline	6.425	127	251766	51.48	ng	98
35) Hexachlorobutadiene	6.473	225	102171	50.37	ng	97
36) Caprolactam	6.703	113	82523	49.96	ng	69
37) 4-Chloro-3-methylphenol	6.788	107	175604	50.28	ng	64
38) 2-Methylnaphthalene	6.895	142	411780	52.42	ng	97
39) Methylnaphthalenes (To...	6.895	142	411780	52.42	ng	97
40) 1,1'-Biphenyl	7.254	154	534969	51.84	ng	94
42) 1,2,4,5-Tetrachloroben...	7.018	216	206786	51.91	ng	99
43) Hexachlorocyclopentadiene	7.013	237	76761	51.74	ng	98
44) 2,4,6-Trichlorophenol	7.109	196	127285	50.11	ng	99
45) 2,4,5-Trichlorophenol	7.141	196	137731	48.96	ng	99
47) 2-Chloronaphthalene	7.270	162	389653	49.55	ng	90
48) 1,4-Dimethylnaphthalene	7.532	156	370449	52.88	ng	88
49) Dimethylnaphthalenes (...	7.532	156	370449	52.88	ng	88
50) Diphenyl Ether	7.334	170	303299	50.32	ng	73
51) 2-Nitroaniline	7.350	65	124587	49.71	ng	37
52) Acenaphthylene	7.601	152	678353	52.16	ng	100
53) Dimethylphthalate	7.494	163	448790	49.57	ng	98
54) 2,6-Dinitrotoluene	7.548	165	102128	51.92	ng	50
55) Acenaphthene	7.746	153	413094	52.77	ng	97
56) 3-Nitroaniline	7.682	138	117582	54.19	ng	71
57) 2,4-Dinitrophenol	7.772	184	31021	44.40	ng	82
58) Dibenzofuran	7.895	168	579910	51.10	ng	83
59) 2,4-Dinitrotoluene	7.885	165	128880	53.34	ng	59

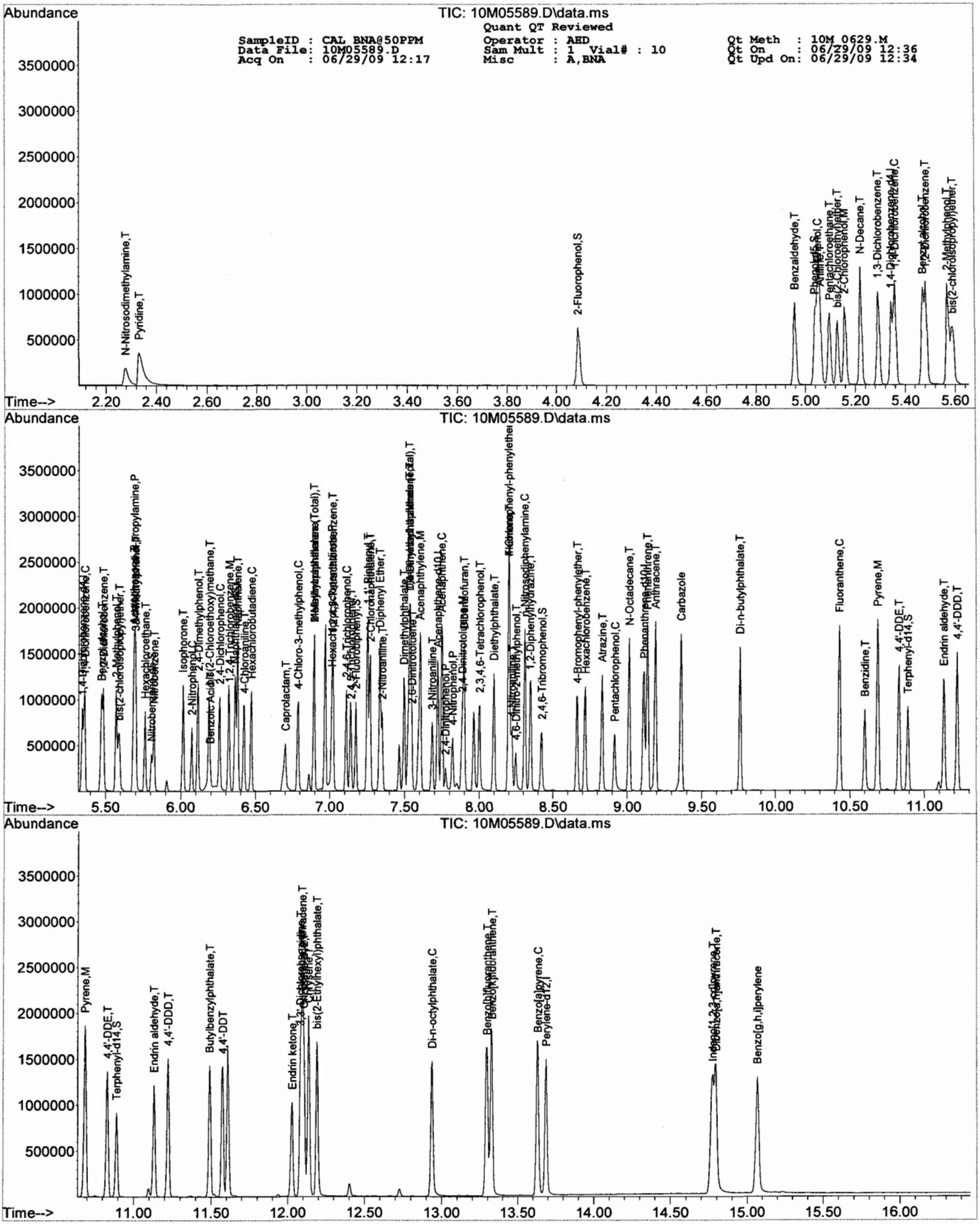
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05589.D Sam Mult : 1 Vial# : 10 Qt On : 06/29/09 12:36
Acq On : 06/29/09 12:17 Misc : A,BNA Qt Upd On: 06/29/09 12:34

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	7.821	65	74100	49.14	ng	89
61)	2,3,4,6-Tetrachlorophenol	8.002	232	124154	51.07	ng	83
62)	Fluorene	8.200	166	461429	49.27	ng	99
63)	4-Chlorophenyl-phenyle...	8.200	204	210971	53.30	ng	82
64)	Diethylphthalate	8.099	149	454969	48.85	ng	95
65)	4-Nitroaniline	8.222	138	136500	51.47	ng	64
66)	Atrazine	8.831	200	141248	50.00	ng	96
68)	4,6-Dinitro-2-methylph...	8.248	198	59055	47.27	ng	100
69)	n-Nitrosodiphenylamine	8.307	169	413433	49.30	ng	98
71)	1,2-Diphenylhydrazine	8.345	77	441091	49.81	ng	81
72)	4-Bromophenyl-phenylether	8.666	248	139115	49.92	ng	78
73)	Hexachlorobenzene	8.719	284	155796	49.13	ng	58
74)	N-Octadecane	9.013	57	302793	52.32	ng	85
75)	Pentachlorophenol	8.917	266	87971	47.47	ng	97
76)	Phenanthrene	9.136	178	713578	50.92	ng	100
77)	Anthracene	9.190	178	725398	51.16	ng	99
78)	Carbazole	9.361	167	710503	49.45	ng	98
79)	Di-n-butylphthalate	9.757	149	807519	50.51	ng	97
80)	Fluoranthene	10.431	202	758417	50.69	ng	95
82)	Pyrene	10.687	202	820841	49.37	ng	93
83)	Benzidine	10.602	184	348298	51.25	ng	89
85)	4,4'-DDE	10.832	246	163915	47.97	ng	89
86)	Endrin	11.131	81	42015	48.82	ng	39
87)	4,4'-DDD	11.222	235	293451	49.16	ng	97
88)	Butylbenzylphthalate	11.490	149	369413	48.65	ng	68
89)	Endrin aldehyde	11.131	67	17465	43.51	ng	81
90)	4,4'-DDT	11.575	235	290686	52.03	ng	97
91)	Endrin ketone	12.030	317	39199	49.08	ng	98
92)	3,3'-Dichlorobenzidine	12.083	252	254416	52.38	ng	97
93)	Benzo[a]anthracene	12.094	228	771724	48.40	ng	99
94)	Chrysene	12.137	228	740942	48.44	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.190	149	514205	49.04	ng	91
97)	Di-n-octylphthalate	12.939	149	854495	51.29	ng	100
98)	Benzo[b]fluoranthene	13.298	252	761855	48.10	ng	94
99)	Benzo[k]fluoranthene	13.330	252	793418	52.30	ng	94
100)	Benzo[a]pyrene	13.635	252	744534	49.68	ng	93
101)	Indeno[1,2,3-cd]pyrene	14.774	276	845499	49.41	ng	86
102)	Dibenzo[a,h]anthracene	14.795	278	701492	50.52	ng	91
103)	Benzo[g,h,i]perylene	15.068	276	695276	47.97	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05589.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M05589.D
Acq On : 06/29/09 12:17
Operator : AHD
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 10M 0629.M
Qt On : 06/29/09 12:36
Qt Upd On: 06/29/09 12:34
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
N-Decane,T
1,3-Dichlorobenzene,T
Time-->
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,T
Hexachlorobutadiene,C
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
4,4'-DDE,T
Endrin aldehyde,T
4,4'-DDD,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05588.D Sam Mult : 1 Vial# : 9 Qt On : 06/29/09 12:20
Acq On : 06/29/09 11:53 Misc : A,BNA Qt Upd On: 06/29/09 11:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.344	152	73020	40.00	ng	0.00
23) Naphthalene-d8	6.360	136	295683	40.00	ng	0.00
41) Acenaphthene-d10	7.719	164	171444	40.00	ng	0.00
67) Phenanthrene-d10	9.110	188	295248	40.00	ng	0.00
81) Chrysene-d12	12.099	240	285251	40.00	ng	0.00
96) Perylene-d12	13.683	264	330884	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.087	112	4852	2.05	ng	0.00
Spiked Amount 100.000			Recovery = 2.05%			
9) Phenol-d5	5.039	99	6407	2.03	ng	0.00
Spiked Amount 100.000			Recovery = 2.03%			
24) Nitrobenzene-d5	5.804	128	1339	1.06	ng	0.00
Spiked Amount 50.000			Recovery = 2.12%			
46) 2-Fluorobiphenyl	7.168	172	6741	1.19	ng	0.00
Spiked Amount 50.000			Recovery = 2.38%			
70) 2,4,6-Tribromophenol	8.420	330	1690	1.77	ng	0.00
Spiked Amount 100.000			Recovery = 1.77%			
84) Terphenyl-d14	10.891	244	7644	0.97	ng	0.00
Spiked Amount 50.000			Recovery = 1.94%			
Target Compounds						Qvalue
2) Pyridine	2.392	79	4995m	2.06	ng	
3) N-Nitrosodimethylamine	2.306	74	2623	1.96	ng	91
5) Benzaldehyde	4.959	77	4528	3.22	ng	73
6) Aniline	5.055	93	5936	1.93	ng	77
7) Pentachloroethane	5.093	117	2199	2.36	ng	85
8) bis(2-Chloroethyl)ether	5.125	93	5383	2.30	ng	81
10) Phenol	5.050	94	7007	2.22	ng	90
11) 2-Chlorophenol	5.157	128	5562	2.14	ng	76
12) N-Decane	5.221	57	6357	2.61	ng	91
13) 1,3-Dichlorobenzene	5.291	146	6417	2.40	ng	95
14) 1,4-Dichlorobenzene	5.360	146	6691	2.42	ng	96
15) 1,2-Dichlorobenzene	5.483	146	6164	2.41	ng	98
16) Benzyl alcohol	5.473	108	3450	2.04	ng	70
17) bis(2-chloroisopropyl)...	5.585	45	9193	2.62	ng	93
18) 2-Methylphenol	5.569	108	4976	2.13	ng	96
19) Acetophenone	5.686	105	8272	2.36	ng	58
20) Hexachloroethane	5.761	117	2358	2.40	ng	80
21) N-Nitroso-di-n-propyla...	5.686	70	4084	2.52	ng	88
22) 3&4-Methylphenol	5.697	108	5146	2.16	ng	100
25) Nitrobenzene	5.820	77	4844	2.11	ng	74
26) Isophorone	6.013	82	10495	2.21	ng	83
27) 2-Nitrophenol	6.072	139	2233	1.70	ng	79
28) 2,4-Dimethylphenol	6.109	107	5059	2.11	ng	85
29) Benzoic Acid	6.152	105	1078	3.58	ng	87
30) bis(2-Chloroethoxy)met...	6.184	93	6619	2.26	ng	94
31) 2,4-Dichlorophenol	6.253	162	4118	1.89	ng	87
32) 1,2,4-Trichlorobenzene	6.318	180	5287	2.28	ng	98
33) Naphthalene	6.376	128	18318	2.49	ng	99
34) 4-Chloroaniline	6.419	127	5266	1.94	ng	99
35) Hexachlorobutadiene	6.473	225	2870	2.35	ng	95
36) Caprolactam	6.665	113	1837	1.92	ng	69
37) 4-Chloro-3-methylphenol	6.778	107	4284	1.99	ng	75
38) 2-Methylnaphthalene	6.890	142	11353	2.36	ng	100
39) Methylnaphthalenes (To...	6.890	142	11353	2.36	ng	100
40) 1,1'-Biphenyl	7.248	154	15477	2.26	ng	95
42) 1,2,4,5-Tetrachloroben...	7.018	216	5774	2.41	ng	99
43) Hexachlorocyclopentadiene	7.013	237	331	0.39	ng	92
44) 2,4,6-Trichlorophenol	7.104	196	3136	2.07	ng	99
45) 2,4,5-Trichlorophenol	7.131	196	3453	2.05	ng	99
47) 2-Chloronaphthalene	7.264	162	11053	2.40	ng	89
48) 1,4-Dimethylnaphthalene	7.532	156	10570	2.31	ng	85
49) Dimethylnaphthalenes (...	7.532	156	10570	2.31	ng	85
50) Diphenyl Ether	7.334	170	8538	2.43	ng	72
51) 2-Nitroaniline	7.345	65	2976	1.98	ng	52
52) Acenaphthylene	7.601	152	18063	2.36	ng	98
53) Dimethylphthalate	7.489	163	12168	2.28	ng	98
54) 2,6-Dinitrotoluene	7.537	165	1833	1.51	ng	74
55) Acenaphthene	7.746	153	12166	2.56	ng	94
56) 3-Nitroaniline	7.676	138	2210	1.66	ng	76
57) 2,4-Dinitrophenol	0.000		0	N.D.		
58) Dibenzofuran	7.890	168	16679	2.52	ng	80
59) 2,4-Dinitrotoluene	7.879	165	1945	1.28	ng	58

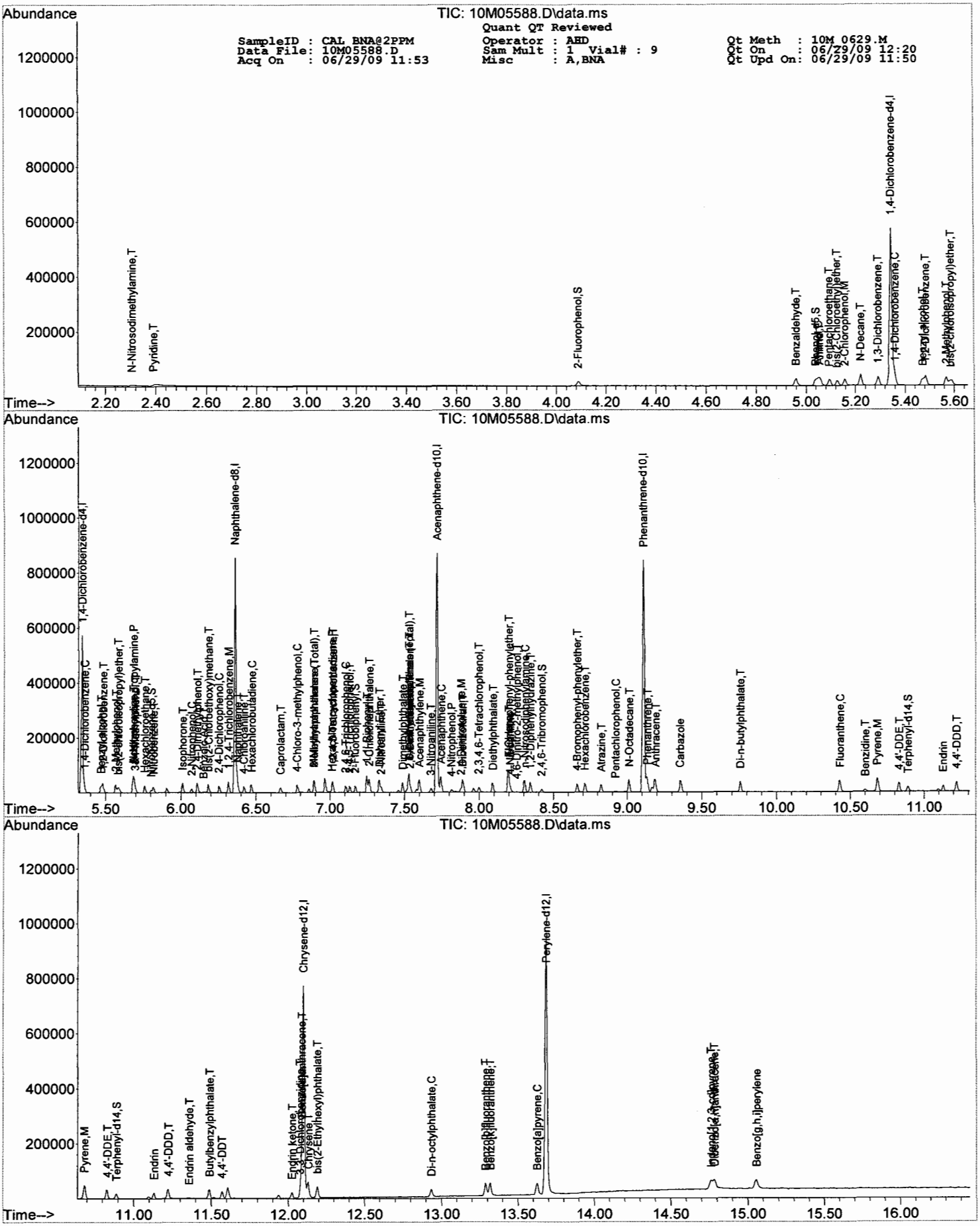
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05588.D Sam Mult : 1 Vial# : 9 Qt On : 06/29/09 12:20
Acq On : 06/29/09 11:53 Misc : A,BNA Qt Upd On: 06/29/09 11:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	7.815	65	1349	1.44	ng	84
61)	2,3,4,6-Tetrachlorophenol	7.997	232	2912	2.00	ng	82
62)	Fluorene	8.200	166	13431	2.17	ng	96
63)	4-Chlorophenyl-phenyle...	8.200	204	6079	2.38	ng	81
64)	Diethylphthalate	8.093	149	12283	2.23	ng	96
65)	4-Nitroaniline	8.211	138	2628	1.61	ng	66
66)	Atrazine	8.826	200	3169	1.95	ng	98
68)	4,6-Dinitro-2-methylph...	8.254	198	117	0.17	ng	100
69)	n-Nitrosodiphenylamine	8.307	169	11003	2.31	ng	97
71)	1,2-Diphenylhydrazine	8.345	77	12071	2.34	ng	78
72)	4-Bromophenyl-phenylether	8.660	248	3568	2.17	ng	84
73)	Hexachlorobenzene	8.714	284	4336	2.35	ng	65
74)	N-Octadecane	9.013	57	7693	2.04	ng	86
75)	Pentachlorophenol	8.922	266	861	0.81	ng	78
76)	Phenanthrene	9.136	178	20781	2.34	ng	98
77)	Anthracene	9.190	178	20081	2.38	ng	98
78)	Carbazole	9.356	167	19086	2.27	ng	96
79)	Di-n-butylphthalate	9.757	149	18640	1.95	ng	97
80)	Fluoranthene	10.431	202	19085	2.16	ng	94
82)	Pyrene	10.682	202	21478	2.12	ng	95
83)	Benzidine	10.602	184	4422	0.88	ng	90
85)	4,4'-DDE	10.832	246	4044	1.92	ng	87
86)	Endrin	11.131	81	1175	2.26	ng	63
87)	4,4'-DDD	11.222	235	7110	1.93	ng	97
88)	Butylbenzylphthalate	11.490	149	8196	1.73	ng	70
89)	Endrin aldehyde	11.356	67	475	1.92	ng	57
90)	4,4'-DDT	11.570	235	4735	1.32	ng	99
91)	Endrin ketone	12.025	317	837	1.67	ng	93
92)	3,3'-Dichlorobenzidine	12.078	252	6570	1.99	ng	98
93)	Benzo[a]anthracene	12.089	228	21182	2.19	ng	98
94)	Chrysene	12.132	228	20725	2.24	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.190	149	11511	1.83	ng	96
97)	Di-n-octylphthalate	12.934	149	16487	1.69	ng	99
98)	Benzo[b]fluoranthene	13.287	252	19117	1.97	ng	95
99)	Benzo[k]fluoranthene	13.319	252	20581	2.25	ng	94
100)	Benzo[a]pyrene	13.624	252	18343	2.00	ng	94
101)	Indeno[1,2,3-cd]pyrene	14.763	276	21686	2.08	ng	82
102)	Dibenzo[a,h]anthracene	14.785	278	17535	2.08	ng	91
103)	Benzo[g,h,i]perylene	15.057	276	19476	2.23	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05588.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 10M05588.D
Acq On : 06/29/09 11:53
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 10M 0629.M
Qt On : 06/29/09 12:20
Qt Upd On: 06/29/09 11:50
Time-->

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM
Data File: 10M05587.D
Acq On : 06/29/09 11:29

Operator : AHD
Sam Mult : 1 Via1# : 8
Misc : A,BNA

Qt Meth : 10M_0629.M
Qt On : 06/29/09 11:47
Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.344	152	114457	40.00	ng	-0.01
23) Naphthalene-d8	6.360	136	465667	40.00	ng	-0.01
41) Acenaphthene-d10	7.719	164	278462	40.00	ng	-0.01
67) Phenanthrene-d10	9.109	188	472466	40.00	ng	-0.01
81) Chrysene-d12	12.099	240	453370	40.00	ng	-0.01
96) Perylene-d12	13.683	264	524949	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.087	112	40397	10.84	ng	-0.01
Spiked Amount 100.000			Recovery = 10.84%			
9) Phenol-d5	5.039	99	56963	11.66	ng	0.00
Spiked Amount 100.000			Recovery = 11.66%			
24) Nitrobenzene-d5	5.804	128	10794	5.14	ng	0.00
Spiked Amount 50.000			Recovery = 10.28%			
46) 2-Fluorobiphenyl	7.173	172	54066	5.69	ng	0.00
Spiked Amount 50.000			Recovery = 11.38%			
70) 2,4,6-Tribromophenol	8.419	330	16804	10.72	ng	-0.01
Spiked Amount 100.000			Recovery = 10.72%			
84) Terphenyl-d14	10.885	244	67250	5.28	ng	-0.01
Spiked Amount 50.000			Recovery = 10.56%			
Target Compounds						Qvalue
2) Pyridine	2.349	79	40864	10.22	ng	80
3) N-Nitrosodimethylamine	2.285	74	23877	11.33	ng	78
5) Benzaldehyde	4.959	77	35257	11.89	ng	66
6) Aniline	5.055	93	58480	13.14	ng	69
7) Pentachloroethane	5.098	117	17265	11.45	ng	82
8) bis(2-Chloroethyl)ether	5.130	93	43270	11.67	ng	80
10) Phenol	5.050	94	59934	12.21	ng	91
11) 2-Chlorophenol	5.157	128	46216	11.53	ng	77
12) N-Decane	5.221	57	47753	10.85	ng	89
13) 1,3-Dichlorobenzene	5.291	146	49897	11.64	ng	98
14) 1,4-Dichlorobenzene	5.360	146	51859	11.74	ng	98
15) 1,2-Dichlorobenzene	5.483	146	48767	12.03	ng	98
16) Benzyl alcohol	5.467	108	31150	11.99	ng	66
17) bis(2-chloroisopropyl)...	5.590	45	68924	12.29	ng	91
18) 2-Methylphenol	5.569	108	42217	11.84	ng	96
19) Acetophenone	5.686	105	68151	12.64	ng	57
20) Hexachloroethane	5.761	117	18163	11.58	ng	81
21) N-Nitroso-di-n-propyla...	5.692	70	32092	12.62	ng	74
22) 3&4-Methylphenol	5.697	108	45621	12.56	ng	97
25) Nitrobenzene	5.820	77	42426	11.28	ng	71
26) Isophorone	6.013	82	87594	11.65	ng	78
27) 2-Nitrophenol	6.071	139	21568	9.87	ng	80
28) 2,4-Dimethylphenol	6.109	107	43237	11.35	ng	84
29) Benzoic Acid	6.162	105	22607	9.88	ng	81
30) bis(2-Chloroethoxy)met...	6.184	93	56246	11.79	ng	97
31) 2,4-Dichlorophenol	6.259	162	38650	11.30	ng	85
32) 1,2,4-Trichlorobenzene	6.317	180	43385	11.48	ng	97
33) Naphthalene	6.376	128	144045	12.03	ng	99
34) 4-Chloroaniline	6.419	127	50975	13.69	ng	98
35) Hexachlorobutadiene	6.473	225	22828	11.58	ng	97
36) Caprolactam	6.670	113	17758	12.54	ng	68
37) 4-Chloro-3-methylphenol	6.777	107	38316	11.47	ng	76
38) 2-Methylnaphthalene	6.895	142	93757	12.20	ng	98
39) Methylnaphthalenes (To...	6.895	142	93757	12.20	ng	98
40) 1,1'-Biphenyl	7.248	154	125769	12.18	ng	95
42) 1,2,4,5-Tetrachloroben...	7.018	216	48500	11.96	ng	98
43) Hexachlorocyclopentadiene	7.007	237	10925	7.01	ng	98
44) 2,4,6-Trichlorophenol	7.104	196	27607	10.97	ng	100
45) 2,4,5-Trichlorophenol	7.130	196	30587	11.10	ng	98
47) 2-Chloronaphthalene	7.264	162	91784	11.85	ng	90
48) 1,4-Dimethylnaphthalene	7.532	156	88197	11.71	ng	84
49) Dimethylnaphthalenes (...	7.532	156	88197	11.71	ng	84
50) Diphenyl Ether	7.334	170	69324	11.64	ng	72
51) 2-Nitroaniline	7.344	65	27612	10.89	ng	52
52) Acenaphthylene	7.601	152	155049	12.06	ng	100
53) Dimethylphthalate	7.489	163	101225	11.58	ng	99
54) 2,6-Dinitrotoluene	7.542	165	21655	10.81	ng	52
55) Acenaphthene	7.746	153	96354	12.08	ng	97
56) 3-Nitroaniline	7.676	138	24059	12.03	ng	75
57) 2,4-Dinitrophenol	7.772	184	3903	6.15	ng	68
58) Dibenzofuran	7.895	168	134314	11.75	ng	81
59) 2,4-Dinitrotoluene	7.879	165	25179	10.42	ng	62

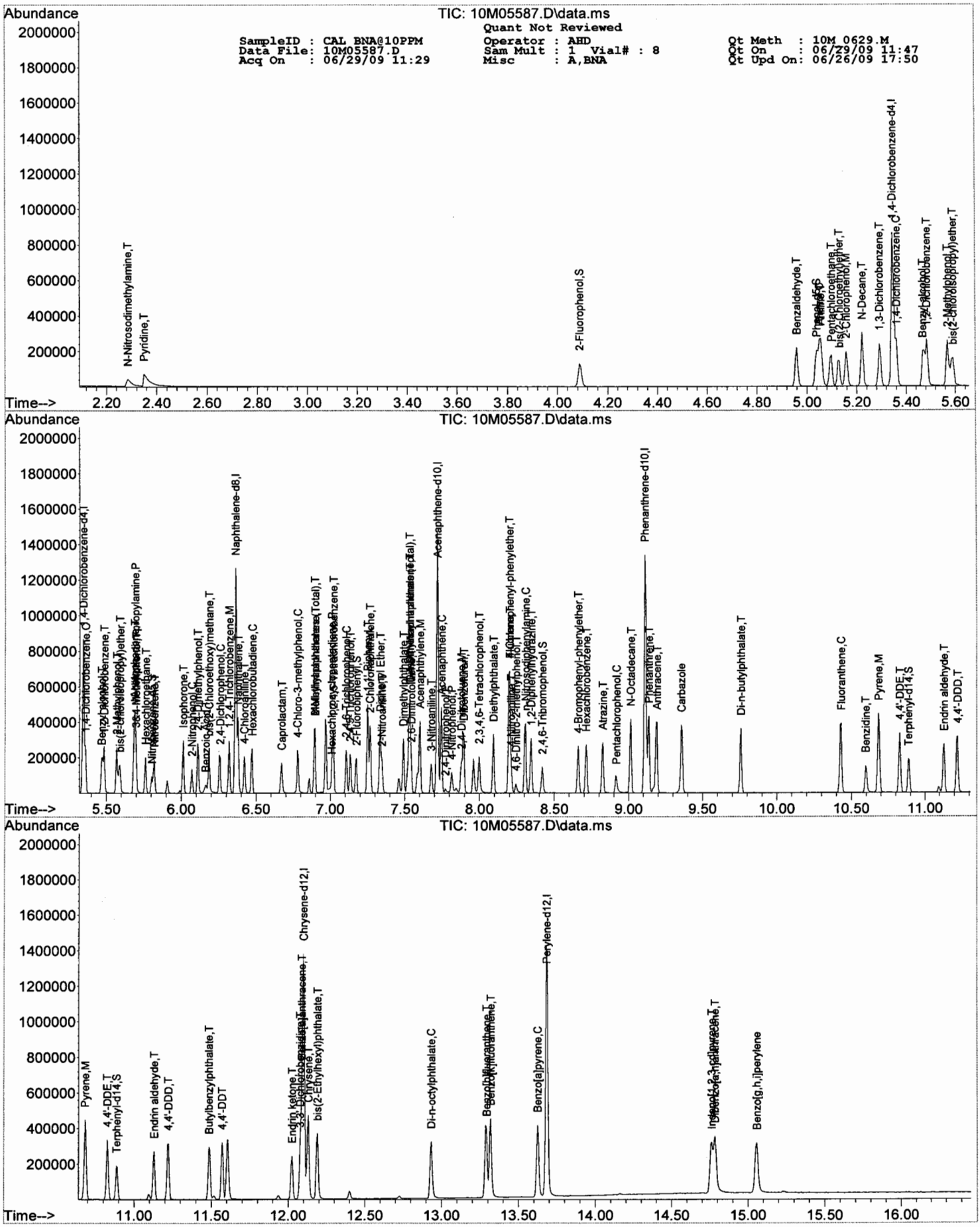
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05587.D Sam Mult : 1 Vial# : 8 Qt On : 06/29/09 11:47
Acq On : 06/29/09 11:29 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	7.815	65	15493	10.25	ng	88
61) 2,3,4,6-Tetrachlorophenol	7.997	232	25600	10.82	ng	83
62) Fluorene	8.200	166	111567	11.58	ng	98
63) 4-Chlorophenyl-phenyle...	8.200	204	49133	12.07	ng	77
64) Diethylphthalate	8.093	149	103946	11.70	ng	97
65) 4-Nitroaniline	8.211	138	27901	11.18	ng	69
66) Atrazine	8.826	200	30185	12.05	ng	93
68) 4,6-Dinitro-2-methylph...	8.243	198	7852	6.80	ng	100
69) n-Nitrosodiphenylamine	8.307	169	94454	11.79	ng	99
71) 1,2-Diphenylhydrazine	8.345	77	102227	11.57	ng	78
72) 4-Bromophenyl-phenylether	8.660	248	30292	11.11	ng	84
73) Hexachlorobenzene	8.714	284	34975	11.46	ng	67
74) N-Octadecane	9.013	57	69607	11.35	ng	86
75) Pentachlorophenol	8.917	266	15284	8.75	ng	96
76) Phenanthrene	9.136	178	167717	12.33	ng	98
77) Anthracene	9.190	178	166164	11.98	ng	100
78) Carbazole	9.356	167	164865	12.16	ng	97
79) Di-n-butylphthalate	9.757	149	180001	11.74	ng	97
80) Fluoranthene	10.431	202	170610	12.12	ng	94
82) Pyrene	10.682	202	187532	11.14	ng	95
83) Benzidine	10.596	184	64367	11.57	ng	88
85) 4,4'-DDE	10.826	246	36195	10.45	ng	88
86) Endrin	11.131	81	9600	9.93	ng	44
87) 4,4'-DDD	11.222	235	62744	10.48	ng	96
88) Butylbenzylphthalate	11.484	149	80167	10.54	ng	71
89) Endrin aldehyde	11.131	67	4848	11.41	ng	77
90) 4,4'-DDT	11.570	235	57360	9.59	ng	97
91) Endrin ketone	12.024	317	8242	10.52	ng	98
92) 3,3'-Dichlorobenzidine	12.078	252	52432	12.76	ng	97
93) Benzo[a]anthracene	12.089	228	179456	11.45	ng	99
94) Chrysene	12.131	228	171098	11.58	ng	99
95) bis(2-Ethylhexyl)phtha...	12.190	149	111896	10.81	ng	93
97) Di-n-octylphthalate	12.934	149	179482	10.46	ng	98
98) Benzo[b]fluoranthene	13.292	252	172179	11.06	ng	93
99) Benzo[k]fluoranthene	13.319	252	182565	12.05	ng	94
100) Benzo[a]pyrene	13.624	252	167184	11.31	ng	94
101) Indeno[1,2,3-cd]pyrene	14.763	276	188091	11.32	ng	84
102) Dibenzo[a,h]anthracene	14.784	278	155321	11.52	ng	90
103) Benzo[g,h,i]perylene	15.057	276	161567	11.44	ng	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed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TIC: 10M05587.D\data.ms
Quant Not Reviewed
SampleID : CAL BNA@10PPM
Data File: 10M05587.D
Acq On : 06/29/09 11:29
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 10M 0629.M
Qt On : 06/29/09 11:47
Qt Upd On: 06/26/09 17:50
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,T
Time-->

Abundance
TIC: 10M05587.D\data.ms
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Chrysene-d12,I
Perylene-d12,I
Isophorone,T
Caprolactam,T
4-Chloro-3-methylphenol,C
Diethylphthalate,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Time-->

Abundance
TIC: 10M05587.D\data.ms
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Chrysene-d12,I
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Perylene-d12,I
Benzo(a)pyrene,C
Benzo(g,h,i)perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05586.D Sam Mult : 1 Vial# : 7 Qt On : 06/29/09 11:35
Acq On : 06/29/09 11:05 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.344	152	120294	40.00	ng	-0.01
23) Naphthalene-d8	6.360	136	487134	40.00	ng	-0.01
41) Acenaphthene-d10	7.719	164	287071	40.00	ng	-0.01
67) Phenanthrene-d10	9.110	188	495841	40.00	ng	-0.01
81) Chrysene-d12	12.105	240	466344	40.00	ng	0.00
96) Perylene-d12	13.683	264	537963	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.087	112	81267	20.75	ng	-0.01
Spiked Amount 100.000			Recovery = 20.75%			
9) Phenol-d5	5.039	99	111063	21.63	ng	0.00
Spiked Amount 100.000			Recovery = 21.63%			
24) Nitrobenzene-d5	5.804	128	21503	9.79	ng	0.00
Spiked Amount 50.000			Recovery = 19.58%			
46) 2-Fluorobiphenyl	7.173	172	104154	10.64	ng	0.00
Spiked Amount 50.000			Recovery = 21.28%			
70) 2,4,6-Tribromophenol	8.420	330	34144	20.76	ng	-0.01
Spiked Amount 100.000			Recovery = 20.76%			
84) Terphenyl-d14	10.891	244	132707	10.13	ng	0.00
Spiked Amount 50.000			Recovery = 20.26%			
Target Compounds						Qvalue
2) Pyridine	2.338	79	81951	19.50	ng	80
3) N-Nitrosodimethylamine	2.279	74	46481	20.99	ng	78
5) Benzaldehyde	4.959	77	67707	21.72	ng	64
6) Aniline	5.055	93	122871	26.26	ng	67
7) Pentachloroethane	5.098	117	33343	21.03	ng	82
8) bis(2-Chloroethyl)ether	5.130	93	84002	21.55	ng	79
10) Phenol	5.050	94	116516	22.59	ng	93
11) 2-Chlorophenol	5.157	128	90409	21.46	ng	79
12) N-Decane	5.221	57	92403	19.98	ng	89
13) 1,3-Dichlorobenzene	5.291	146	96252	21.37	ng	98
14) 1,4-Dichlorobenzene	5.360	146	99181	21.36	ng	97
15) 1,2-Dichlorobenzene	5.483	146	95755	22.47	ng	98
16) Benzyl alcohol	5.472	108	60777	22.26	ng	61
17) bis(2-chloroisopropyl)...	5.590	45	130529	22.14	ng	93
18) 2-Methylphenol	5.569	108	81578	21.76	ng	96
19) Acetophenone	5.686	105	131519	23.20	ng	58
20) Hexachloroethane	5.761	117	35447	21.50	ng	83
21) N-Nitroso-di-n-propyla...	5.692	70	61794	23.12	ng	75
22) 3&4-Methylphenol	5.697	108	88928	23.30	ng	99
25) Nitrobenzene	5.820	77	82673	21.01	ng	72
26) Isophorone	6.013	82	172089	21.87	ng	81
27) 2-Nitrophenol	6.071	139	45522	19.91	ng	78
28) 2,4-Dimethylphenol	6.109	107	87003	21.83	ng	84
29) Benzoic Acid	6.178	105	50641m	17.56	ng	
30) bis(2-Chloroethoxy)met...	6.184	93	108619	21.76	ng	96
31) 2,4-Dichlorophenol	6.259	162	76783	21.46	ng	84
32) 1,2,4-Trichlorobenzene	6.317	180	84183	21.30	ng	98
33) Naphthalene	6.376	128	277296	22.14	ng	100
34) 4-Chloroaniline	6.419	127	108867	27.95	ng	99
35) Hexachlorobutadiene	6.473	225	44460	21.56	ng	98
36) Caprolactam	6.676	113	36583	24.69	ng	69
37) 4-Chloro-3-methylphenol	6.783	107	75974	21.74	ng	66
38) 2-Methylnaphthalene	6.895	142	183437	22.81	ng	98
39) Methylnaphthalenes (To...	6.895	142	183437	22.81	ng	98
40) 1,1'-Biphenyl	7.248	154	241810	22.71	ng	95
42) 1,2,4,5-Tetrachloroben...	7.018	216	94553	22.62	ng	97
43) Hexachlorocyclopentadiene	7.007	237	28274	17.42	ng	98
44) 2,4,6-Trichlorophenol	7.104	196	54183	20.88	ng	100
45) 2,4,5-Trichlorophenol	7.136	196	60447	21.28	ng	98
47) 2-Chloronaphthalene	7.264	162	176496	22.11	ng	91
48) 1,4-Dimethylnaphthalene	7.532	156	169788	22.25	ng	84
49) Dimethylnaphthalenes (...	7.532	156	169788	22.25	ng	84
50) Diphenyl Ether	7.334	170	134111	21.85	ng	71
51) 2-Nitroaniline	7.344	65	55548	21.26	ng	46
52) Acenaphthylene	7.601	152	301049	22.71	ng	100
53) Dimethylphthalate	7.489	163	198020	21.98	ng	98
54) 2,6-Dinitrotoluene	7.542	165	43652	21.14	ng	54
55) Acenaphthene	7.746	153	184809	22.48	ng	99
56) 3-Nitroaniline	7.681	138	50373	24.43	ng	65
57) 2,4-Dinitrophenol	7.772	184	9648	14.34	ng	69
58) Dibenzofuran	7.895	168	258420	21.94	ng	80
59) 2,4-Dinitrotoluene	7.879	165	54457	21.86	ng	60

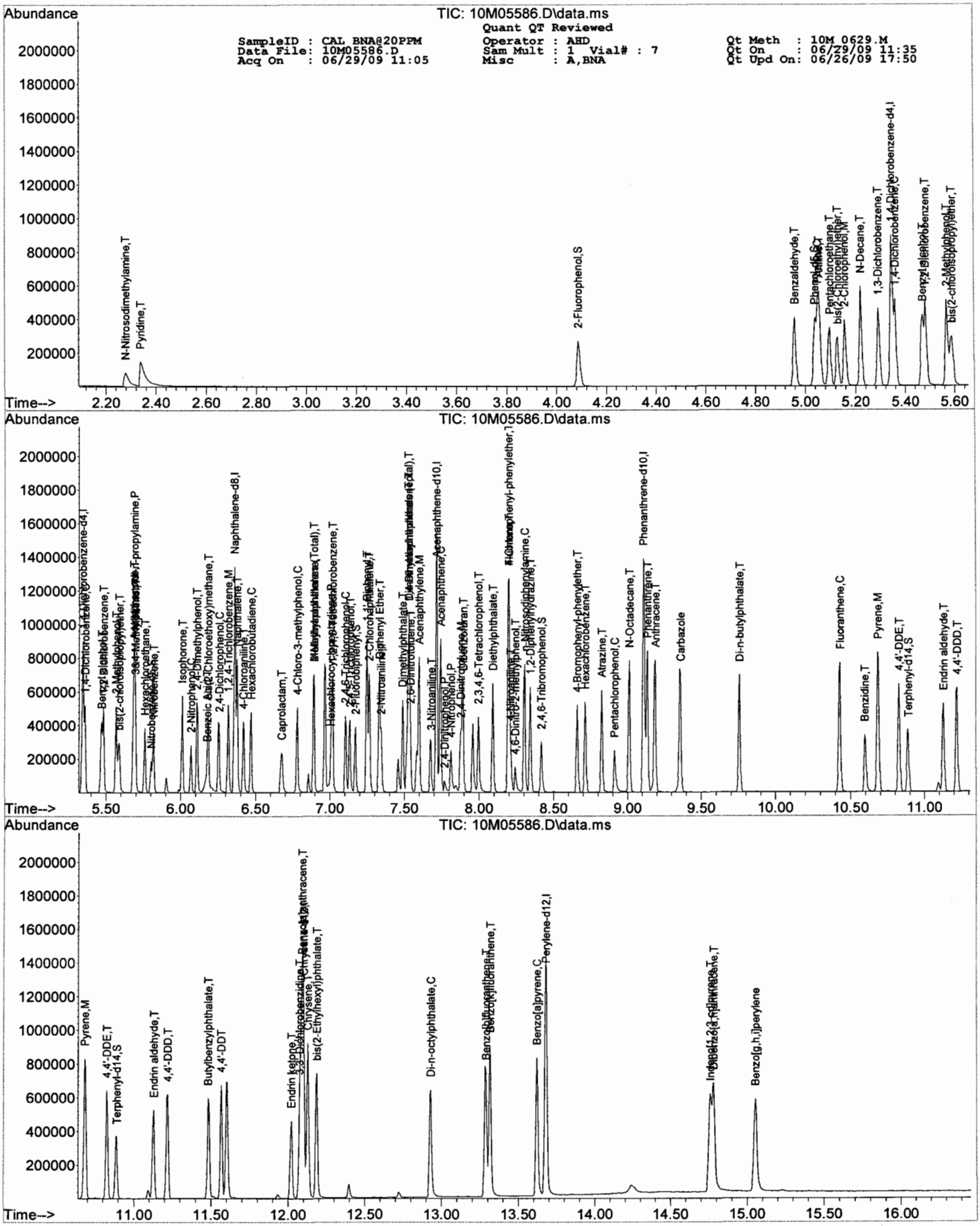
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05586.D Sam Mult : 1 Vial# : 7 Qt On : 06/29/09 11:35
Acq On : 06/29/09 11:05 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	7.815	65	31632	20.30	ng	89
61)	2,3,4,6-Tetrachlorophenol	7.997	232	52165	21.38	ng	80
62)	Fluorene	8.200	166	217872	22.37	ng	99
63)	4-Chlorophenyl-phenyle...	8.200	204	96577	23.35	ng	78
64)	Diethylphthalate	8.093	149	203594	22.23	ng	96
65)	4-Nitroaniline	8.211	138	54471	21.16	ng	69
66)	Atrazine	8.826	200	62248	24.10	ng	96
68)	4,6-Dinitro-2-methylph...	8.243	198	20687	16.76	ng	100
69)	n-Nitrosodiphenylamine	8.307	169	185182	22.03	ng	98
71)	1,2-Diphenylhydrazine	8.345	77	197709	21.33	ng	77
72)	4-Bromophenyl-phenylether	8.660	248	61271	21.41	ng	82
73)	Hexachlorobenzene	8.714	284	68741	21.47	ng	64
74)	N-Octadecane	9.013	57	136716	21.53	ng	84
75)	Pentachlorophenol	8.912	266	34977	18.99	ng	96
76)	Phenanthrene	9.136	178	324737	22.97	ng	98
77)	Anthracene	9.190	178	327870	22.53	ng	100
78)	Carbazole	9.361	167	320295	22.50	ng	96
79)	Di-n-butylphthalate	9.757	149	358821	22.30	ng	97
80)	Fluoranthene	10.431	202	334623	22.64	ng	93
82)	Pyrene	10.682	202	368389	21.27	ng	94
83)	Benzidine	10.596	184	143931	24.96	ng	90
85)	4,4'-DDE	10.826	246	72704	20.41	ng	89
86)	Endrin	11.131	81	18184	18.29	ng	39
87)	4,4'-DDD	11.222	235	127271	20.66	ng	96
88)	Butylbenzylphthalate	11.484	149	162355	20.76	ng	71
89)	Endrin aldehyde	11.131	67	8657	19.81	ng	82
90)	4,4'-DDT	11.570	235	120878	19.66	ng	97
91)	Endrin ketone	12.025	317	16584	20.58	ng	98
92)	3,3'-Dichlorobenzidine	12.078	252	108233	25.82	ng	97
93)	Benzo[a]anthracene	12.094	228	351469	21.79	ng	100
94)	Chrysene	12.131	228	330675	21.75	ng	100
95)	bis(2-Ethylhexyl)phtha...	12.190	149	225057	21.13	ng	92
97)	Di-n-octylphthalate	12.934	149	369083	20.99	ng	99
98)	Benzo[b]fluoranthene	13.292	252	333245	20.88	ng	94
99)	Benzo[k]fluoranthene	13.319	252	350246	22.55	ng	95
100)	Benzo[a]pyrene	13.624	252	327290	21.61	ng	95
101)	Indeno[1,2,3-cd]pyrene	14.763	276	368550	21.63	ng	85
102)	Dibenzo[a,h]anthracene	14.784	278	303108	21.93	ng	92
103)	Benzo[g,h,i]perylene	15.057	276	304685	21.06	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@20PPM
Data File: 10M05586.D
Acq On : 06/29/09 11:05
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 10M 0629.M
Qt On : 06/29/09 11:35
Qt Upd On: 06/26/09 17:50
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
Time-->

Abundance
TIC: 10M05586.D\data.ms
Isophorone,T
Naphthalene-d8,I
Caprolactam,T
4-Chloro-3-methylphenol,C
Acenaphthylene,M
Acenaphthene-d10,I
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
4,4'-DDE,T
Endrin aldehyde,T
4,4'-DDD,T
Time-->

Abundance
TIC: 10M05586.D\data.ms
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Chrysene,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Perylene-d12,I
Benzo[a]pyrene,C
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05585.D Sam Mult : 1 Vial# : 6 Qt On : 06/29/09 11:34
Acq On : 06/29/09 10:41 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.344	152	106434	40.00	ng	-0.01
23) Naphthalene-d8	6.366	136	436672	40.00	ng	0.00
41) Acenaphthene-d10	7.719	164	258997	40.00	ng	-0.01
67) Phenanthrene-d10	9.110	188	452327	40.00	ng	-0.01
81) Chrysene-d12	12.110	240	418623	40.00	ng	0.00
96) Perylene-d12	13.688	264	506067	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.087	112	274003	79.07	ng	-0.01
Spiked Amount 100.000			Recovery = 79.07%			
9) Phenol-d5	5.045	99	371247	81.72	ng	0.00
Spiked Amount 100.000			Recovery = 81.72%			
24) Nitrobenzene-d5	5.809	128	75293	38.22	ng	0.00
Spiked Amount 50.000			Recovery = 76.44%			
46) 2-Fluorobiphenyl	7.173	172	339881	38.48	ng	0.00
Spiked Amount 50.000			Recovery = 76.96%			
70) 2,4,6-Tribromophenol	8.425	330	119953	79.95	ng	0.00
Spiked Amount 100.000			Recovery = 79.95%			
84) Terphenyl-d14	10.891	244	458359	38.98	ng	0.00
Spiked Amount 50.000			Recovery = 77.96%			
Target Compounds						Qvalue
2) Pyridine	2.327	79	279779	75.24	ng	80
3) N-Nitrosodimethylamine	2.274	74	153870	78.52	ng	77
5) Benzaldehyde	4.959	77	176738	64.08	ng	65
6) Aniline	5.061	93	410539	99.17	ng	66
7) Pentachloroethane	5.098	117	107478	76.62	ng	81
8) bis(2-Chloroethyl)ether	5.130	93	270268	78.35	ng	81
10) Phenol	5.055	94	369969	81.06	ng	92
11) 2-Chlorophenol	5.162	128	302563	81.15	ng	76
12) N-Decane	5.221	57	279091	68.19	ng	88
13) 1,3-Dichlorobenzene	5.291	146	309062	77.57	ng	97
14) 1,4-Dichlorobenzene	5.360	146	319453	77.76	ng	97
15) 1,2-Dichlorobenzene	5.483	146	301057	79.86	ng	98
16) Benzyl alcohol	5.472	108	200821	83.13	ng	64
17) bis(2-chloroisopropyl)...	5.590	45	406416	77.93	ng	93
18) 2-Methylphenol	5.574	108	271231	81.77	ng	95
19) Acetophenone	5.686	105	405187	80.79	ng	59
20) Hexachloroethane	5.761	117	113944	78.12	ng	80
21) N-Nitroso-di-n-propyla...	5.697	70	187018	79.10	ng	69
22) 3&4-Methylphenol	5.702	108	278897	82.58	ng	97
25) Nitrobenzene	5.825	77	270004	76.56	ng	64
26) Isophorone	6.018	82	547285	77.60	ng	78
27) 2-Nitrophenol	6.072	139	160950	78.51	ng	80
28) 2,4-Dimethylphenol	6.114	107	282837	79.16	ng	85
29) Benzoic Acid	6.205	105	201547m	67.16	ng	
30) bis(2-Chloroethoxy)met...	6.189	93	339196	75.81	ng	96
31) 2,4-Dichlorophenol	6.259	162	258190	80.51	ng	85
32) 1,2,4-Trichlorobenzene	6.323	180	272793	77.00	ng	97
33) Naphthalene	6.382	128	857480	76.39	ng	100
34) 4-Chloroaniline	6.425	127	341103	97.68	ng	99
35) Hexachlorobutadiene	6.473	225	144083	77.93	ng	97
36) Caprolactam	6.713	113	123563	93.03	ng	69
37) 4-Chloro-3-methylphenol	6.788	107	254438	81.23	ng	67
38) 2-Methylnaphthalene	6.895	142	566025	78.52	ng	100
39) Methylnaphthalenes (To...	6.895	142	566025	78.52	ng	100
40) 1,1'-Biphenyl	7.254	154	745356	85.25	ng	94
42) 1,2,4,5-Tetrachloroben...	7.018	216	289517	76.78	ng	99
43) Hexachlorocyclopentadiene	7.013	237	122662	79.12	ng	98
44) 2,4,6-Trichlorophenol	7.109	196	185629	79.29	ng	99
45) 2,4,5-Trichlorophenol	7.141	196	206173	80.46	ng	98
47) 2-Chloronaphthalene	7.270	162	556286	77.22	ng	90
48) 1,4-Dimethylnaphthalene	7.532	156	508446	81.84	ng	88
49) Dimethylnaphthalenes (...	7.532	156	508446	81.84	ng	88
50) Diphenyl Ether	7.334	170	429013	77.48	ng	74
51) 2-Nitroaniline	7.350	65	186102	78.93	ng	41
52) Acenaphthylene	7.607	152	944138	78.93	ng	100
53) Dimethylphthalate	7.500	163	652855	80.33	ng	98
54) 2,6-Dinitrotoluene	7.548	165	151842	81.52	ng	50
55) Acenaphthene	7.746	153	570896	76.96	ng	98
56) 3-Nitroaniline	7.687	138	169234	90.97	ng	65
57) 2,4-Dinitrophenol	7.772	184	58439	79.46	ng	80
58) Dibenzofuran	7.895	168	812730	76.47	ng	84
59) 2,4-Dinitrotoluene	7.885	165	199828	88.91	ng	60

be

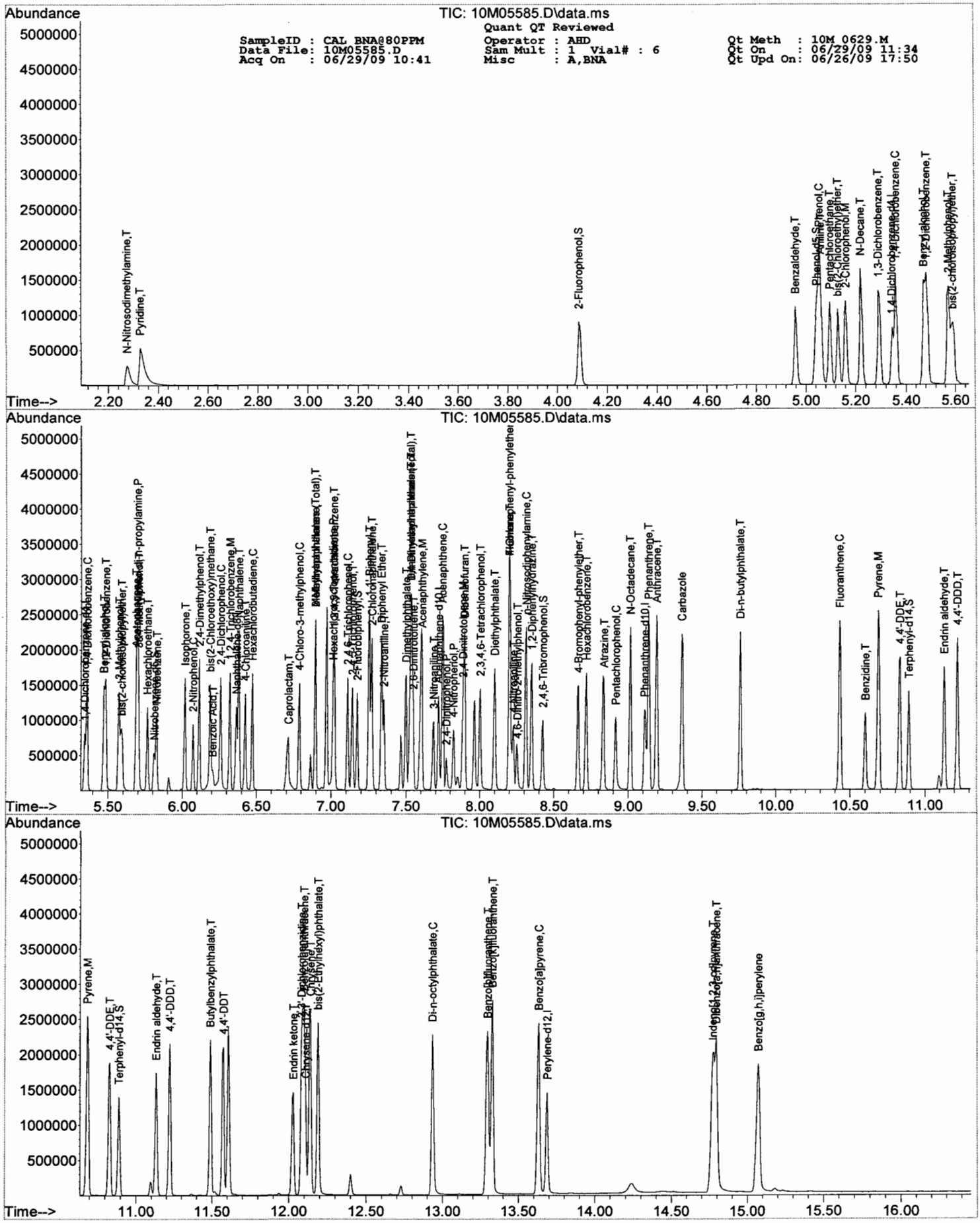
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05585.D Sam Mult : 1 Vial# : 6 Qt On : 06/29/09 11:34
Acq On : 06/29/09 10:41 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	7.821	65	115967	82.48	ng	95
61) 2,3,4,6-Tetrachlorophenol	8.002	232	182222	82.77	ng	82
62) Fluorene	8.200	166	627905	80.19	ng	99
63) 4-Chlorophenyl-phenyle...	8.200	204	288776	84.17	ng	83
64) Diethylphthalate	8.099	149	666675	80.68	ng	95
65) 4-Nitroaniline	8.227	138	202540	87.23	ng	65
66) Atrazine	8.837	200	208630	89.53	ng	96
68) 4,6-Dinitro-2-methylph...	8.254	198	100517	80.00	ng	100
69) n-Nitrosodiphenylamine	8.313	169	585948	76.42	ng	98
71) 1,2-Diphenylhydrazine	8.350	77	624633	73.87	ng	72
72) 4-Bromophenyl-phenylether	8.666	248	203242	77.85	ng	77
73) Hexachlorobenzene	8.719	284	228600	78.25	ng	61
74) N-Octadecane	9.013	57	414643	77.20	ng	83
75) Pentachlorophenol	8.917	266	142429	82.33	ng	97
76) Phenanthrene	9.136	178	1016198	83.38	ng	100
77) Anthracene	9.190	178	1035970	78.03	ng	98
78) Carbazole	9.361	167	1029898	79.32	ng	98
79) Di-n-butylphthalate	9.757	149	1194231	81.36	ng	97
80) Fluoranthene	10.431	202	1095891	81.29	ng	97
82) Pyrene	10.687	202	1178397	75.81	ng	92
83) Benzidine	10.602	184	437283	81.85	ng	89
85) 4,4'-DDE	10.832	246	244302	76.40	ng	89
86) Endrin	11.131	81	60620	67.93	ng	32
87) 4,4'-DDD	11.222	235	437692	79.14	ng	97
88) Butylbenzylphthalate	11.490	149	559296	79.67	ng	68
89) Endrin aldehyde	11.131	67	27718	70.66	ng	81
90) 4,4'-DDT	11.575	235	431144	78.10	ng	97
91) Endrin ketone	12.030	317	57962	80.14	ng	99
92) 3,3'-Dichlorobenzidine	12.083	252	344858	96.13	ng	97
93) Benzo[a]anthracene	12.099	228	1120378	77.38	ng	99
94) Chrysene	12.142	228	1075701	78.82	ng	99
95) bis(2-Ethylhexyl)phtha...	12.190	149	770892	80.64	ng	92
97) Di-n-octylphthalate	12.934	149	1311144	79.27	ng	100
98) Benzo[b]fluoranthene	13.298	252	1197087	79.74	ng	95
99) Benzo[k]fluoranthene	13.330	252	1085297	74.28	ng	94
100) Benzo[a]pyrene	13.634	252	1136745	79.80	ng	93
101) Indeno[1,2,3-cd]pyrene	14.774	276	1310152	81.76	ng	89
102) Dibenzo[a,h]anthracene	14.795	278	1079241	83.02	ng	93
103) Benzo[g,h,i]perylene	15.073	276	1099532	80.77	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 10M05585.D
Acq On : 06/29/09 10:41
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 10M 0629.M
Qt On : 06/29/09 11:34
Qt Upd On: 06/26/09 17:50
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05584.D Sam Mult : 1 Vial# : 5 Qt On : 06/29/09 11:33
Acq On : 06/29/09 10:17 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	5.344	152	121846	40.00	ng		-0.01
23) Naphthalene-d8	6.366	136	488364	40.00	ng		0.00
41) Acenaphthene-d10	7.719	164	293087	40.00	ng		-0.01
67) Phenanthrene-d10	9.110	188	502833	40.00	ng		-0.01
81) Chrysene-d12	12.110	240	434972	40.00	ng		0.00
96) Perylene-d12	13.688	264	534126	40.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.093	112	452773	114.13	ng		0.00
Spiked Amount 100.000			Recovery =	114.13%			
9) Phenol-d5	5.045	99	582378	111.99	ng		0.00
Spiked Amount 100.000			Recovery =	111.99%			
24) Nitrobenzene-d5	5.809	128	122361	55.54	ng		0.00
Spiked Amount 50.000			Recovery =	111.08%			
46) 2-Fluorobiphenyl	7.173	172	533356	53.36	ng		0.00
Spiked Amount 50.000			Recovery =	106.72%			
70) 2,4,6-Tribromophenol	8.425	330	188047	112.75	ng		0.00
Spiked Amount 100.000			Recovery =	112.75%			
84) Terphenyl-d14	10.891	244	689527	56.44	ng		0.00
Spiked Amount 50.000			Recovery =	112.88%			
Target Compounds							Qvalue
2) Pyridine	2.328	79	470405	110.51	ng		78
3) N-Nitrosodimethylamine	2.279	74	251216	111.99	ng		78
5) Benzaldehyde	4.959	77	219926	69.66	ng		68
6) Aniline	5.066	93	619449	130.71	ng		66
7) Pentachloroethane	5.098	117	172033	107.13	ng		79
8) bis(2-Chloroethyl)ether	5.136	93	419108	106.14	ng		79
10) Phenol	5.061	94	558159	106.82	ng		85
11) 2-Chlorophenol	5.162	128	484788	113.58	ng		78
12) N-Decane	5.226	57	430693	91.93	ng		85
13) 1,3-Dichlorobenzene	5.296	146	491563	107.76	ng		97
14) 1,4-Dichlorobenzene	5.360	146	504549	107.29	ng		97
15) 1,2-Dichlorobenzene	5.483	146	463927	107.50	ng		97
16) Benzyl alcohol	5.478	108	306994	111.00	ng	#	61
17) bis(2-chloroisopropyl)...	5.590	45	620265	103.89	ng		93
18) 2-Methylphenol	5.574	108	425903	112.16	ng		95
19) Acetophenone	5.692	105	610432	106.32	ng		57
20) Hexachloroethane	5.761	117	181379	108.62	ng		81
21) N-Nitroso-di-n-propyla...	5.697	70	278139	102.76	ng		72
22) 3&4-Methylphenol	5.708	108	418830	108.32	ng		95
25) Nitrobenzene	5.825	77	425433	107.86	ng		69
26) Isophorone	6.018	82	855972	108.53	ng		81
27) 2-Nitrophenol	6.077	139	261093	113.88	ng		74
28) 2,4-Dimethylphenol	6.120	107	436940	109.35	ng		82
29) Benzoic Acid	6.221	105	319040m	93.76	ng		
30) bis(2-Chloroethoxy)met...	6.189	93	523589	104.63	ng		96
31) 2,4-Dichlorophenol	6.264	162	408100	113.79	ng		84
32) 1,2,4-Trichlorobenzene	6.323	180	426195	107.56	ng		96
33) Naphthalene	6.382	128	1298199	103.41	ng		99
34) 4-Chloroaniline	6.425	127	473056	121.13	ng		99
35) Hexachlorobutadiene	6.473	225	223584	108.13	ng		96
36) Caprolactam	6.729	113	193938	130.57	ng		70
37) 4-Chloro-3-methylphenol	6.788	107	395561	112.91	ng		72
38) 2-Methylnaphthalene	6.895	142	850127	105.44	ng		99
39) Methylnaphthalenes (To...	6.895	142	850127	105.44	ng		99
40) 1,1'-Biphenyl	7.254	154	1079297	115.50	ng		93
42) 1,2,4,5-Tetrachloroben...	7.024	216	428497	100.41	ng		98
43) Hexachlorocyclopentadiene	7.013	237	205773	113.75	ng		98
44) 2,4,6-Trichlorophenol	7.109	196	291655	110.09	ng		100
45) 2,4,5-Trichlorophenol	7.141	196	318900	109.98	ng		98
47) 2-Chloronaphthalene	7.270	162	844862	103.64	ng		92
48) 1,4-Dimethylnaphthalene	7.537	156	719818	107.37	ng		90
49) Dimethylnaphthalenes (...	7.537	156	719818	107.37	ng		90
50) Diphenyl Ether	7.334	170	644300	102.82	ng		75
51) 2-Nitroaniline	7.350	65	286918	107.53	ng		46
52) Acenaphthylene	7.607	152	1365503	100.88	ng		99
53) Dimethylphthalate	7.500	163	994817	108.16	ng		97
54) 2,6-Dinitrotoluene	7.548	165	237071	112.47	ng		54
55) Acenaphthene	7.751	153	846741	100.88	ng		97
56) 3-Nitroaniline	7.687	138	249415	118.48	ng		69
57) 2,4-Dinitrophenol	7.778	184	106190	116.16	ng		72
58) Dibenzofuran	7.901	168	1188536	98.82	ng		84
59) 2,4-Dinitrotoluene	7.890	165	306054	120.34	ng		60

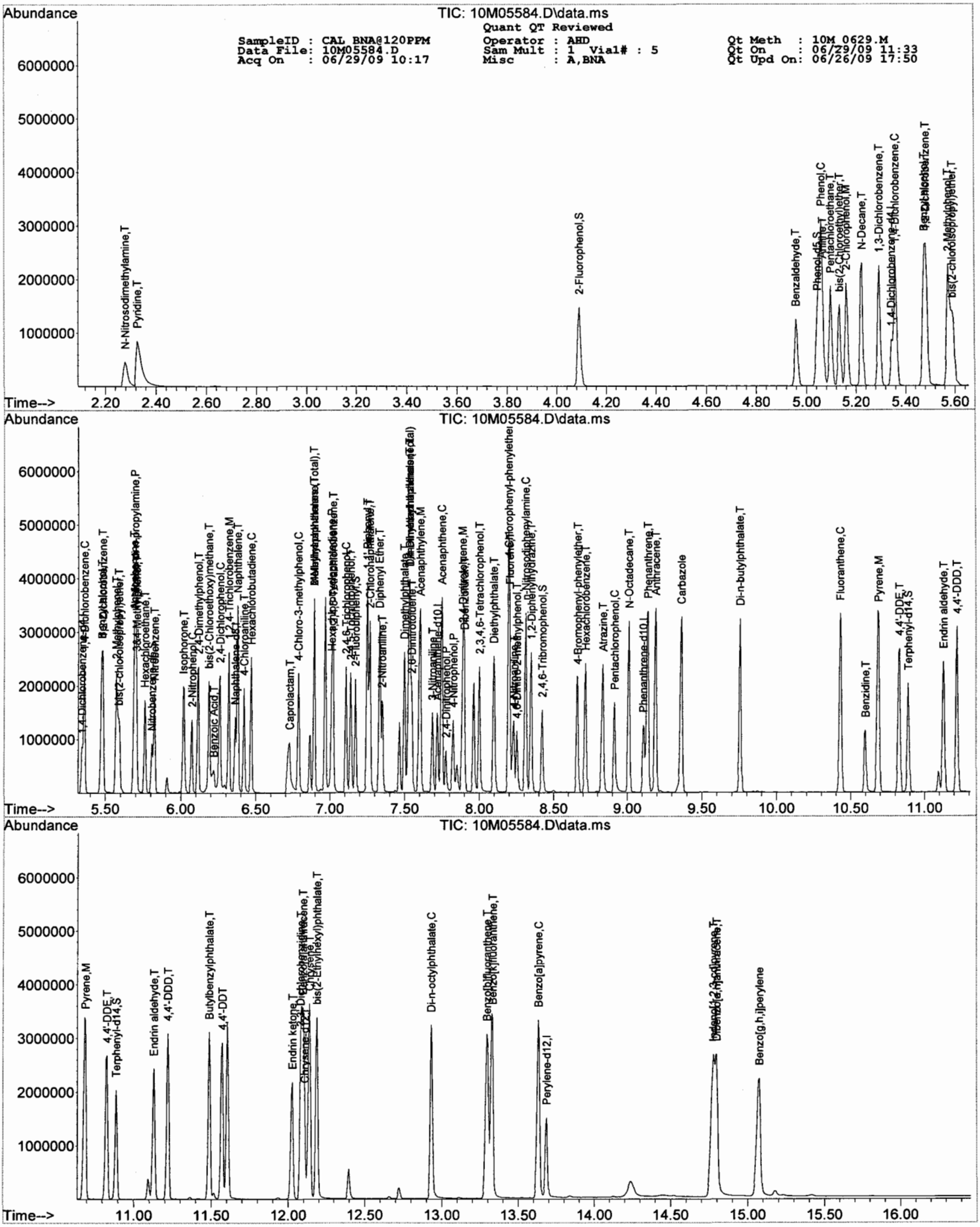
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05584.D Sam Mult : 1 Vial# : 5 Qt On : 06/29/09 11:33
Acq On : 06/29/09 10:17 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitrophenol	7.826	65	187080	117.58	ng	92
61) 2,3,4,6-Tetrachlorophenol	8.002	232	280587	112.62	ng	82
62) Fluorene	8.206	166	888262	106.03	ng	100
63) 4-Chlorophenyl-phenyle...	8.200	204	411999	110.26	ng	84
64) Diethylphthalate	8.099	149	1026903	109.82	ng	96
65) 4-Nitroaniline	8.232	138	316367	120.40	ng	66
66) Atrazine	8.837	200	323261	122.59	ng	97
68) 4,6-Dinitro-2-methylph...	8.254	198	170322	115.27	ng	100
69) n-Nitrosodiphenylamine	8.313	169	865823	101.58	ng	99
71) 1,2-Diphenylhydrazine	8.350	77	941887	100.20	ng	73
72) 4-Bromophenyl-phenylether	8.666	248	306928	105.76	ng	77
73) Hexachlorobenzene	8.719	284	347369	106.96	ng	61
74) N-Octadecane	9.013	57	592476	102.98	ng	80
75) Pentachlorophenol	8.917	266	228948	117.18	ng	98
76) Phenanthrene	9.142	178	1487501	113.01	ng	99
77) Anthracene	9.195	178	1514315	102.60	ng	99
78) Carbazole	9.366	167	1517900	105.16	ng	98
79) Di-n-butylphthalate	9.757	149	1739223	106.58	ng	97
80) Fluoranthene	10.431	202	1584764	105.75	ng	97
82) Pyrene	10.693	202	1689454	104.60	ng	89
83) Benzidine	10.602	184	499784	89.65	ng	88
85) 4,4'-DDE	10.832	246	369310	111.15	ng	90
86) Endrin	11.131	81	89203	96.21	ng	28
87) 4,4'-DDD	11.222	235	640946	111.54	ng	97
88) Butylbenzylphthalate	11.490	149	829607	113.74	ng	68
89) Endrin aldehyde	11.131	67	41009	100.62	ng	83
90) 4,4'-DDT	11.575	235	650066	113.33	ng	97
91) Endrin ketone	12.030	317	89438	119.01	ng	99
92) 3,3'-Dichlorobenzidine	12.083	252	455482	124.66	ng	95
93) Benzo[a]anthracene	12.099	228	1598636	106.27	ng	99
94) Chrysene	12.142	228	1564563	110.33	ng	99
95) bis(2-Ethylhexyl)phtha...	12.190	149	1143770	115.15	ng	91
97) Di-n-octylphthalate	12.934	149	1949249	111.66	ng	100
98) Benzo[b]fluoranthene	13.298	252	1709743	107.91	ng	96
99) Benzo[k]fluoranthene	13.335	252	1611170	104.48	ng	93
100) Benzo[a]pyrene	13.635	252	1625230	108.09	ng	94
101) Indeno[1,2,3-cd]pyrene	14.779	276	1776731	105.05	ng	97
102) Dibenzo[a,h]anthracene	14.801	278	1446150	105.40	ng	92
103) Benzo[g,h,i]perylene	15.079	276	1451072	101.00	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05584.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 10M05584.D
Acq On : 06/29/09 10:17
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 10M 0629.M
Qt On : 06/29/09 11:33
Qt Upd On: 06/26/09 17:50
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol,C
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Time-->

Abundance
TIC: 10M05584.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
Benzoic Acid,T
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Acenaphthylene,M
Acenaphthene,C
Diphenyl Ether,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Time-->

Abundance
TIC: 10M05584.D\data.ms
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo(b)fluoranthene,T
Benzo(k)fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno(1,2,3-cd)pyrene,T
Dibenz(a,h)anthracene,T
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05583.D Sam Mult : 1 Vial# : 4 Qt On : 06/29/09 11:33
Acq On : 06/29/09 09:55 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.344	152	113275	40.00	ng	-0.01
23) Naphthalene-d8	6.366	136	464024	40.00	ng	0.00
41) Acenaphthene-d10	7.719	164	276418	40.00	ng	-0.01
67) Phenanthrene-d10	9.115	188	483173	40.00	ng	0.00
81) Chrysene-d12	12.110	240	412400	40.00	ng	0.00
96) Perylene-d12	13.688	264	523554	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.093	112	554923	150.47	ng	0.00
Spiked Amount 100.000			Recovery = 150.47%			
9) Phenol-d5	5.050	99	709060	146.66	ng	0.00
Spiked Amount 100.000			Recovery = 146.66%			
24) Nitrobenzene-d5	5.809	128	154925	74.01	ng	0.00
Spiked Amount 50.000			Recovery = 148.02%			
46) 2-Fluorobiphenyl	7.173	172	655883	69.57	ng	0.00
Spiked Amount 50.000			Recovery = 139.14%			
70) 2,4,6-Tribromophenol	8.430	330	234312	146.21	ng	0.00
Spiked Amount 100.000			Recovery = 146.21%			
84) Terphenyl-d14	10.891	244	875125	75.55	ng	0.00
Spiked Amount 50.000			Recovery = 151.10%			
Target Compounds						Qvalue
2) Pyridine	2.328	79	562753	142.21	ng	78
3) N-Nitrosodimethylamine	2.279	74	307587	147.49	ng	77
5) Benzaldehyde	4.959	77	145133	49.45	ng	66
6) Aniline	5.066	93	745558	169.22	ng	67
7) Pentachloroethane	5.098	117	207807	139.20	ng	80
8) bis(2-Chloroethyl)ether	5.136	93	518472	141.23	ng	79
10) Phenol	5.061	94	661384	136.15	ng	85
11) 2-Chlorophenol	5.162	128	592820	149.40	ng	78
12) N-Decane	5.226	57	507717	116.57	ng	85
13) 1,3-Dichlorobenzene	5.296	146	594756	140.25	ng	97
14) 1,4-Dichlorobenzene	5.360	146	601384	137.55	ng	97
15) 1,2-Dichlorobenzene	5.489	146	539349	134.43	ng	98
16) Benzyl alcohol	5.478	108	368996	143.51	ng	64
17) bis(2-chloroisopropyl)...	5.590	45	729914	131.51	ng	95
18) 2-Methylphenol	5.574	108	522657	148.06	ng	94
19) Acetophenone	5.692	105	734643	137.64	ng	58
20) Hexachloroethane	5.761	117	218537	140.78	ng	78
21) N-Nitroso-di-n-propyla...	5.702	70	333677	132.60	ng	69
22) 3&4-Methylphenol	5.708	108	499434	138.94	ng	96
25) Nitrobenzene	5.826	77	520054	138.77	ng	71
26) Isophorone	6.023	82	1068887	142.63	ng	77
27) 2-Nitrophenol	6.077	139	319578	146.70	ng	75
28) 2,4-Dimethylphenol	6.120	107	540804	142.44	ng	86
29) Benzoic Acid	6.232	105	403985m	123.90	ng	
30) bis(2-Chloroethoxy)met...	6.195	93	636476	133.86	ng	95
31) 2,4-Dichlorophenol	6.264	162	496360	145.66	ng	86
32) 1,2,4-Trichlorobenzene	6.323	180	516986	137.32	ng	97
33) Naphthalene	6.382	128	1551835	130.09	ng	99
34) 4-Chloroaniline	6.425	127	548253	147.75	ng	100
35) Hexachlorobutadiene	6.473	225	271671	138.28	ng	96
36) Caprolactam	6.740	113	243092	172.24	ng	68
37) 4-Chloro-3-methylphenol	6.794	107	495031	148.72	ng	70
38) 2-Methylnaphthalene	6.895	142	1016336	132.67	ng	99
39) Methylnaphthalenes (To...	6.895	142	1016336	132.67	ng	99
40) 1,1'-Biphenyl	7.254	154	1280869	153.08	ng	94
42) 1,2,4,5-Tetrachloroben...	7.024	216	513670	127.63	ng	98
43) Hexachlorocyclopentadiene	7.013	237	253030	144.43	ng	98
44) 2,4,6-Trichlorophenol	7.109	196	361642	144.73	ng	99
45) 2,4,5-Trichlorophenol	7.147	196	402123	147.05	ng	98
47) 2-Chloronaphthalene	7.270	162	1008723	131.21	ng	92
48) 1,4-Dimethylnaphthalene	7.537	156	847414	144.11	ng	92
49) Dimethylnaphthalenes (...	7.537	156	847414	144.11	ng	92
50) Diphenyl Ether	7.334	170	775937	131.30	ng	76
51) 2-Nitroaniline	7.355	65	351943	139.86	ng	32
52) Acenaphthylene	7.607	152	1623533	127.17	ng	99
53) Dimethylphthalate	7.505	163	1210413	139.54	ng	98
54) 2,6-Dinitrotoluene	7.553	165	293160	147.46	ng	50
55) Acenaphthene	7.751	153	1017302	128.50	ng	98
56) 3-Nitroaniline	7.692	138	294949	148.56	ng	65
57) 2,4-Dinitrophenol	7.778	184	138943	149.13	ng	83
58) Dibenzofuran	7.901	168	1400864	123.50	ng	87
59) 2,4-Dinitrotoluene	7.890	165	372248	155.19	ng	62

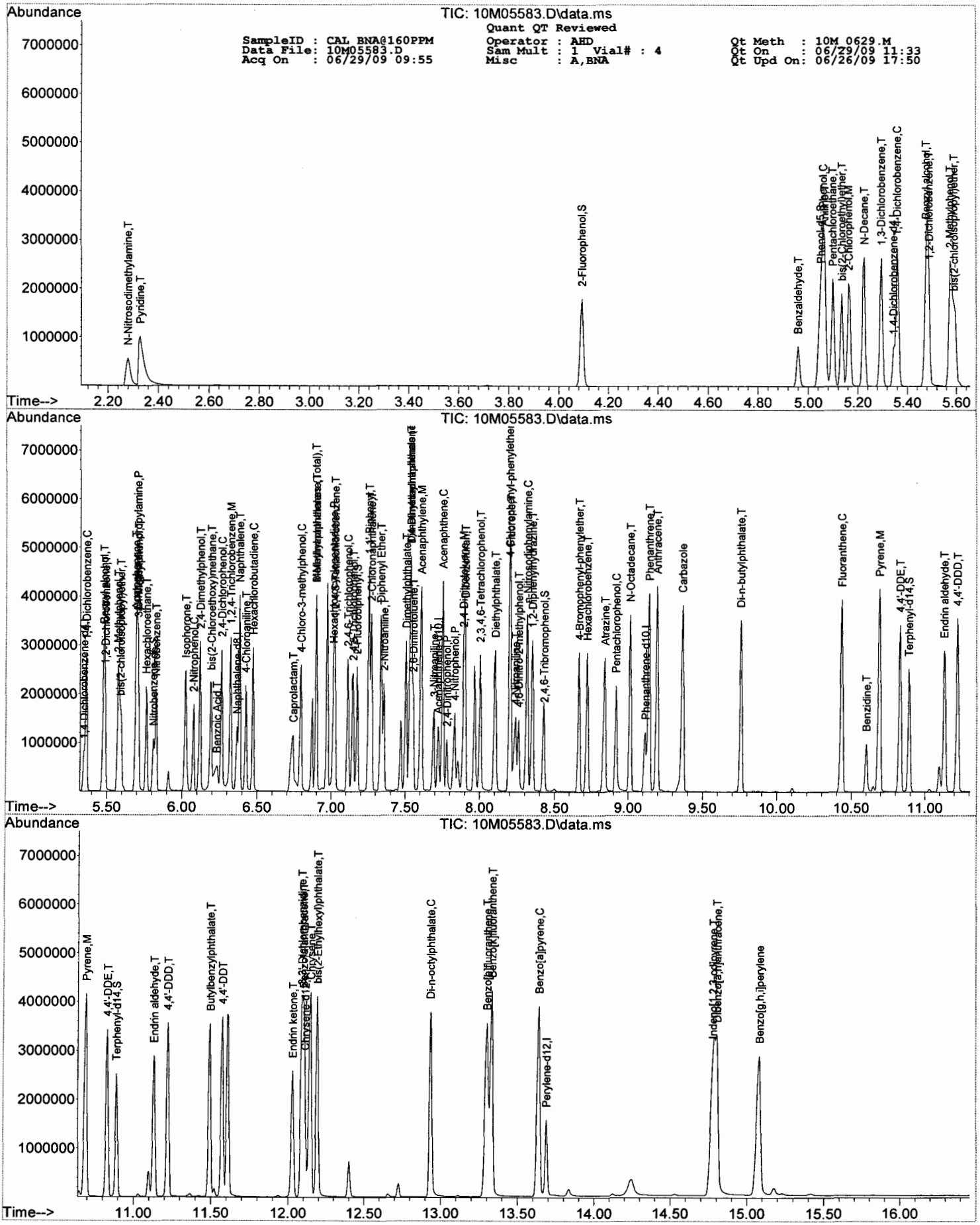
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05583.D Sam Mult : 1 Vial# : 4 Qt On : 06/29/09 11:33
Acq On : 06/29/09 09:55 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	7.831	65	235110	156.67	ng	88
61)	2,3,4,6-Tetrachlorophenol	8.002	232	345510	147.05	ng	82
62)	Fluorene	8.206	166	1055230	147.01	ng	100
63)	4-Chlorophenyl-phenyle...	8.200	204	495441	149.29	ng	84
64)	Diethylphthalate	8.104	149	1266580	143.62	ng	95
65)	4-Nitroaniline	8.238	138	399393	161.17	ng	65
66)	Atrazine	8.842	200	405184	162.92	ng	97
68)	4,6-Dinitro-2-methylph...	8.259	198	223068	149.23	ng	100
69)	n-Nitrosodiphenylamine	8.318	169	1045731	127.68	ng	99
71)	1,2-Diphenylhydrazine	8.350	77	1158797	128.29	ng	74
72)	4-Bromophenyl-phenylether	8.666	248	382485	137.16	ng	79
73)	Hexachlorobenzene	8.719	284	423793	135.81	ng	65
74)	N-Octadecane	9.013	57	697391	131.68	ng	78
75)	Pentachlorophenol	8.917	266	287388	150.79	ng	97
76)	Phenanthrene	9.142	178	1809541	148.25	ng	99
77)	Anthracene	9.195	178	1823375	128.57	ng	98
78)	Carbazole	9.366	167	1860468	134.13	ng	99
79)	Di-n-butylphthalate	9.757	149	2171435	138.49	ng	97
80)	Fluoranthene	10.436	202	1954136	135.70	ng	95
82)	Pyrene	10.693	202	2094960	136.81	ng	90
83)	Benzidine	10.602	184	412272	78.48	ng	89
85)	4,4'-DDE	10.832	246	462912	146.95	ng	91
86)	Endrin	11.131	81	111023	126.29	ng	28
87)	4,4'-DDD	11.222	235	809049	148.50	ng	97
88)	Butylbenzylphthalate	11.495	149	1043559	150.90	ng	66
89)	Endrin aldehyde	11.131	67	50365	130.34	ng	83
90)	4,4'-DDT	11.575	235	812809	149.46	ng	96
91)	Endrin ketone	12.030	317	114552	160.77	ng	99
92)	3,3'-Dichlorobenzidine	12.089	252	516705	152.11	ng	96
93)	Benzo[a]anthracene	12.099	228	2001025	140.30	ng	98
94)	Chrysene	12.148	228	1915645	142.49	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.190	149	1412627	150.00	ng	91
97)	Di-n-octylphthalate	12.934	149	2407462	140.70	ng	100
98)	Benzo[b]fluoranthene	13.303	252	2325677	149.75	ng	95
99)	Benzo[k]fluoranthene	13.335	252	1864178	123.32	ng	94
100)	Benzo[a]pyrene	13.640	252	2065618	140.16	ng	93
101)	Indeno[1,2,3-cd]pyrene	14.779	276	2350585	141.78	ng	88
102)	Dibenzo[a,h]anthracene	14.806	278	1869669	139.02	ng	92
103)	Benzo[g,h,i]perylene	15.084	276	1991876	141.44	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05583.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 10M05583.D
Acq On : 06/29/09 09:55
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 10M_0629.M
Qt On : 06/29/09 11:33
Qt Upd On: 06/26/09 17:50
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Time-->
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,T
Naphthalene,T
Hexachlorobutadiene,C
Acenaphthylene,M
Acenaphthene,C
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
4,4'-DDE,T
Endrin aldehyde,T
4,4'-DDD,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05582.D Sam Mult : 1 Vial# : 3 Qt On : 06/29/09 11:32
Acq On : 06/29/09 09:33 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.344	152	106800	40.00	ng	-0.01
23) Naphthalene-d8	6.366	136	431505	40.00	ng	0.00
41) Acenaphthene-d10	7.724	164	260278	40.00	ng	0.00
67) Phenanthrene-d10	9.115	188	464206	40.00	ng	0.00
81) Chrysene-d12	12.115	240	384342	40.00	ng	0.00
96) Perylene-d12	13.688	264	505659	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.087	112	670767	192.91	ng	-0.01
Spiked Amount 100.000			Recovery = 192.91%			
9) Phenol-d5	5.050	99	838626	183.98	ng	0.00
Spiked Amount 100.000			Recovery = 183.98%			
24) Nitrobenzene-d5	5.809	128	179396	92.16	ng	0.00
Spiked Amount 50.000			Recovery = 184.32%			
46) 2-Fluorobiphenyl	7.173	172	770020	86.74	ng	0.00
Spiked Amount 50.000			Recovery = 173.48%			
70) 2,4,6-Tribromophenol	8.430	330	278597	180.94	ng	0.00
Spiked Amount 100.000			Recovery = 180.94%			
84) Terphenyl-d14	10.896	244	1059457	98.15	ng	0.00
Spiked Amount 50.000			Recovery = 196.30%			
Target Compounds						Qvalue
2) Pyridine	2.322	79	684476	183.45	ng	77
3) N-Nitrosodimethylamine	2.274	74	377188	191.83	ng	78
5) Benzaldehyde	4.959	77	129500	46.80	ng	67
6) Aniline	5.066	93	863301	207.83	ng	68
7) Pentachloroethane	5.098	117	245016	174.08	ng	79
8) bis(2-Chloroethyl)ether	5.135	93	602320	174.02	ng	80
10) Phenol	5.066	94	778912	170.07	ng	84
11) 2-Chlorophenol	5.162	128	707363	189.07	ng	78
12) N-Decane	5.221	57	582624	141.87	ng	87
13) 1,3-Dichlorobenzene	5.296	146	697776	174.52	ng	97
14) 1,4-Dichlorobenzene	5.360	146	713525	173.10	ng	97
15) 1,2-Dichlorobenzene	5.488	146	618196	163.42	ng	98
16) Benzyl alcohol	5.478	108	427780	176.47	ng	65
17) bis(2-chloroisopropyl)...	5.590	45	850867	162.59	ng	95
18) 2-Methylphenol	5.574	108	615371	184.89	ng	95
19) Acetophenone	5.692	105	847005	168.31	ng	59
20) Hexachloroethane	5.761	117	255160	174.33	ng	78
21) N-Nitroso-di-n-propyla...	5.702	70	385014	162.28	ng	70
22) 3&4-Methylphenol	5.708	108	572251	168.85	ng	99
25) Nitrobenzene	5.831	77	609329	174.84	ng	64
26) Isophorone	6.023	82	1271159	182.40	ng	78
27) 2-Nitrophenol	6.077	139	368922	182.12	ng	76
28) 2,4-Dimethylphenol	6.120	107	639782	181.20	ng	87
29) Benzoic Acid	6.248	105	474609m	155.71	ng	
30) bis(2-Chloroethoxy)met...	6.194	93	746938	168.94	ng	96
31) 2,4-Dichlorophenol	6.264	162	586670	185.14	ng	87
32) 1,2,4-Trichlorobenzene	6.323	180	593118	169.42	ng	96
33) Naphthalene	6.382	128	1776715	160.17	ng	99
34) 4-Chloroaniline	6.424	127	542551	157.23	ng	100
35) Hexachlorobutadiene	6.473	225	315243	172.56	ng	96
36) Caprolactam	6.745	113	262918	200.33	ng	69
37) 4-Chloro-3-methylphenol	6.794	107	575146	185.81	ng	71
38) 2-Methylnaphthalene	6.895	142	1143541	160.53	ng	99
39) Methylnaphthalenes (To...	6.895	142	1143541	160.53	ng	99
40) 1,1'-Biphenyl	7.253	154	1437991	200.12	ng	94
42) 1,2,4,5-Tetrachloroben...	7.024	216	588132	155.20	ng	96
43) Hexachlorocyclopentadiene	7.013	237	294243	174.00	ng	97
44) 2,4,6-Trichlorophenol	7.114	196	428425	182.09	ng	99
45) 2,4,5-Trichlorophenol	7.152	196	474513	184.28	ng	99
47) 2-Chloronaphthalene	7.275	162	1156099	159.70	ng	91
48) 1,4-Dimethylnaphthalene	7.537	156	963549	193.70	ng	93
49) Dimethylnaphthalenes (...	7.537	156	963549	193.70	ng	93
50) Diphenyl Ether	7.339	170	886071	159.23	ng	73
51) 2-Nitroaniline	7.355	65	412110	173.92	ng	40
52) Acenaphthylene	7.612	152	1829858	152.22	ng	99
53) Dimethylphthalate	7.510	163	1407131	172.28	ng	98
54) 2,6-Dinitrotoluene	7.558	165	346632	185.17	ng	49
55) Acenaphthene	7.756	153	1182908	158.69	ng	98
56) 3-Nitroaniline	7.697	138	345137	184.62	ng	63
57) 2,4-Dinitrophenol	7.783	184	166699	178.28	ng	78
58) Dibenzofuran	7.901	168	1555416	145.62	ng	89
59) 2,4-Dinitrotoluene	7.895	165	412031	182.43	ng	65

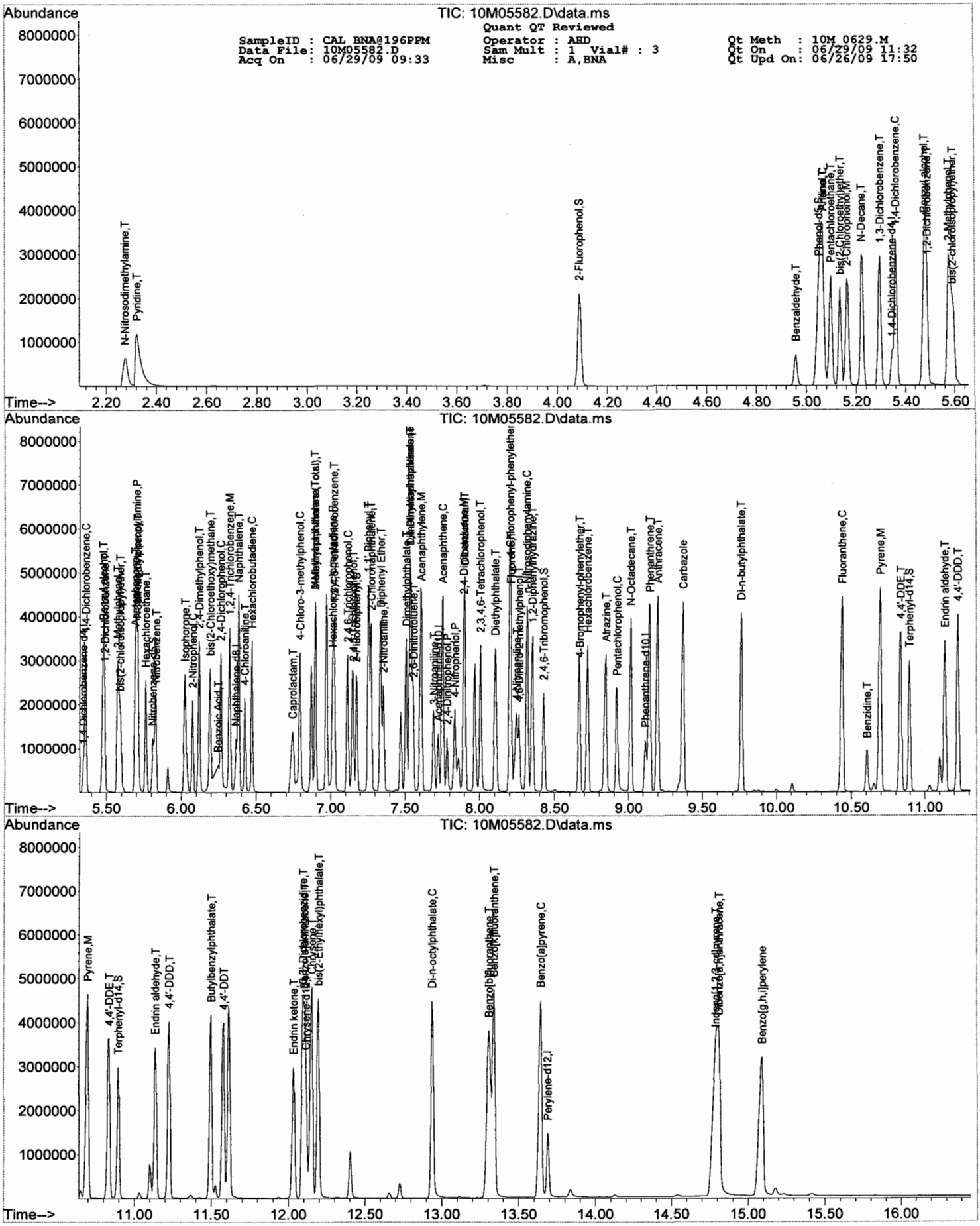
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 10M_0629.M
Data File: 10M05582.D Sam Mult : 1 Vial# : 3 Qt On : 06/29/09 11:32
Acq On : 06/29/09 09:33 Misc : A,BNA Qt Upd On: 06/26/09 17:50

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	7.837	65	289203	204.67	ng	89
61)	2,3,4,6-Tetrachlorophenol	8.008	232	407226	184.06	ng	82
62)	Fluorene	8.211	166	1195099	207.99	ng	99
63)	4-Chlorophenyl-phenyle...	8.206	204	570516	197.82	ng	80
64)	Diethylphthalate	8.104	149	1494347	179.96	ng	96
65)	4-Nitroaniline	8.248	138	484005	207.42	ng	66
66)	Atrazine	8.847	200	490417	209.42	ng	98
68)	4,6-Dinitro-2-methylph...	8.264	198	266833	178.20	ng	100
69)	n-Nitrosodiphenylamine	8.318	169	1212992	154.15	ng	99
71)	1,2-Diphenylhydrazine	8.355	77	1341613	154.60	ng	69
72)	4-Bromophenyl-phenylether	8.671	248	453370	169.22	ng	77
73)	Hexachlorobenzene	8.724	284	501623	167.32	ng	62
74)	N-Octadecane	9.019	57	802550	166.65	ng	78
75)	Pentachlorophenol	8.922	266	347089	186.59	ng	96
76)	Phenanthrene	9.147	178	2101492	186.55	ng	99
77)	Anthracene	9.200	178	2157839	158.37	ng	98
78)	Carbazole	9.372	167	2224068	166.90	ng	98
79)	Di-n-butylphthalate	9.762	149	2562727	170.12	ng	97
80)	Fluoranthene	10.441	202	2326156	168.14	ng	93
82)	Pyrene	10.698	202	2485964	174.19	ng	88
83)	Benzidine	10.607	184	428286	87.07	ng	88
85)	4,4'-DDE	10.837	246	559237	190.49	ng	91
86)	Endrin	11.137	81	129130	157.61	ng	25
87)	4,4'-DDD	11.228	235	958591	188.79	ng	97
88)	Butylbenzylphthalate	11.500	149	1251008	194.10	ng	66
89)	Endrin aldehyde	11.137	67	59518	165.27	ng	83
90)	4,4'-DDT	11.581	235	977146	192.80	ng	96
91)	Endrin ketone	12.035	317	137701	207.37	ng	99
92)	3,3'-Dichlorobenzidine	12.094	252	567489	183.40	ng	96
93)	Benzo[a]anthracene	12.105	228	2379767	179.03	ng	98
94)	Chrysene	12.153	228	2293028	183.01	ng	98
95)	bis(2-Ethylhexyl)phtha...	12.196	149	1678917	191.28	ng	91
97)	Di-n-octylphthalate	12.939	149	2851889	172.57	ng	100
98)	Benzo[b]fluoranthene	13.308	252	2815942	187.73	ng	95
99)	Benzo[k]fluoranthene	13.340	252	2197085	150.49	ng	93
100)	Benzo[a]pyrene	13.645	252	2491103	175.01	ng	92
101)	Indeno[1,2,3-cd]pyrene	14.790	276	2851042	178.05	ng	88
102)	Dibenzo[a,h]anthracene	14.811	278	2190775	168.66	ng	92
103)	Benzo[g,h,i]perylene	15.095	276	2387707	175.54	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 10M05582.D
Acq On : 06/29/09 09:33
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 10M_0629.M
Qt On : 06/29/09 11:32
Qt Upd On: 06/26/09 17:50
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4
1,4-Dichlorobenzene,C
Time-->

Abundance
TIC: 10M05582.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Acenaphthylene,M
Acenaphthene,C
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Time-->

Abundance
TIC: 10M05582.D\data.ms
Pyrene,M
4,4'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
4,4'-DDD,T
Butylbenzylphthalate,T
4,4'-DDT
Endrin ketone,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M19269.D **Instrument:** GCMS 9

Cont Calibration Date/Time 7/16/2009 10:57:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.61	40.00	40				0.000	0.00	
Pyridine	1	0		2.70	48.82	50			1.226	1.197	2.36	
N-Nitrosodimethylamine	1	0		2.63	46.42	50			0.636	0.590	7.16	
2-Fluorophenol	1	0	S	4.38	47.45	50			1.222	1.159	5.10	
Benzaldehyde	1	0		5.22	38.64	50			0.787	0.760	22.72	
Aniline	1	0		5.32	55.71	50			1.701	1.895	11.42	
Pentachloroethane	1	0		5.36	47.86	50			0.531	0.508	4.28	
bis(2-Chloroethyl)ether	1	0		5.38	49.10	50			1.162	1.142	1.80	
Phenol-d5	1	0	S	5.30	50.29	50			1.609	1.618	0.58	
Phenol	1	0	CC	5.31	50.47	50	20		1.702	1.718	0.94	
2-Chlorophenol	1	0		5.42	50.64	50			1.355	1.372	1.28	
N-Decane	1	0		5.48	45.03	50			1.247	1.123	9.94	
1.3-Dichlorobenzene	1	0		5.55	48.36	50			1.520	1.471	3.28	
1.4-Dichlorobenzene	1	0	CC	5.62	48.87	50	20		1.568	1.533	2.26	
1.2-Dichlorobenzene	1	0		5.75	49.56	50			1.457	1.444	0.88	
Benzyl alcohol	1	0		5.72	51.19	50			0.859	0.880	2.38	
bis(2-chloroisopropyl)ether	1	0		5.84	46.90	50			1.457	1.367	6.20	
2-Methylphenol	1	0		5.82	50.80	50			1.178	1.197	1.60	
Acetophenone	1	0		5.94	51.27	50			1.870	1.917	2.54	
Hexachloroethane	1	0		6.02	47.73	50			0.559	0.533	4.54	
N-Nitroso-di-n-propylamine	1	0	CP	5.94	52.04	50	0.05		0.878	0.914	4.08	
3&4-Methylphenol	1	0		5.95	52.86	50			1.212	1.282	5.72	
Naphthalene-d8	1	0	I	6.62	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.06	25.21	25			0.166	0.167	0.84	
Nitrobenzene	1	0		6.08	49.08	50			0.333	0.326	1.84	
Isophorone	1	0		6.26	50.26	50			0.623	0.626	0.52	
2-Nitrophenol	1	0	CC	6.33	52.69	50	20		0.171	0.181	5.38	
2.4-Dimethylphenol	1	0		6.36	51.50	50			0.340	0.350	3.00	
Benzoic Acid	1	0		6.43	46.50	50			0.203	0.178	7.00	
bis(2-Chloroethoxy)methane	1	0		6.44	48.73	50			0.374	0.365	2.54	
2.4-Dichlorophenol	1	0	CC	6.52	52.35	50	20		0.291	0.304	4.70	
1.2.4-Trichlorobenzene	1	0		6.58	49.29	50			0.337	0.332	1.42	
Naphthalene	1	0		6.64	48.68	50			1.050	1.022	2.64	
4-Chloroaniline	1	0		6.68	62.58	50			0.334	0.432	25.16	
Hexachlorobutadiene	1	0	CC	6.73	51.34	50	20		0.195	0.200	2.68	
Caprolactam	1	0		6.94	57.29	50			0.113	0.129	14.58	
4-Chloro-3-methylphenol	1	0	CC	7.04	53.62	50	20		0.287	0.308	7.24	
2-Methylnaphthalene	1	0		7.16	51.29	50			0.678	0.695	2.58	
Methylnaphthalenes	1	0		7.16	51.29	50	20			0.695	2.58	
1.1'-Biphenyl	1	0		7.53	52.93	50			0.907	0.960	5.86	
Acenaphthene-d10	1	0	I	8.02	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		7.29	48.57	50			0.660	0.641	2.86	
Hexachlorocyclopentadiene	1	0	CP	7.29	47.47	50	0.05		0.280	0.275	5.06	
2.4.6-Trichlorophenol	1	0	CC	7.38	53.42	50	20		0.350	0.374	6.84	
2.4.5-Trichlorophenol	1	0		7.41	51.21	50			0.389	0.398	2.42	
2-Fluorobiphenyl	1	0	S	7.45	24.31	25			1.406	1.367	2.76	
2-Chloronaphthalene	1	0		7.55	48.46	50			1.154	1.118	3.08	
1.4-Dimethylnaphthalene	1	0		7.83	49.84	50			1.068	1.065	0.32	
Dimethylnaphthalenes	1	0		7.83	49.84	50	20			1.065	0.32	
Diphenyl Ether	1	0		7.61	48.34	50			0.889	0.859	3.32	
2-Nitroaniline	1	0		7.63	52.21	50			0.371	0.387	4.42	
Acenaphthylene	1	0		7.90	50.00	50			1.923	1.923	0.00	
Dimethylphthalate	1	0		7.77	52.01	50			1.328	1.382	4.02	
2.6-Dinitrotoluene	1	0		7.83	55.64	50			0.284	0.316	11.28	
Acenaphthene	1	0	CC	8.05	48.84	50	20		1.232	1.204	2.32	
3-Nitroaniline	1	0		7.97	58.66	50			0.294	0.345	17.32	
2.4-Dinitrophenol	1	0	CP	8.07	60.20	50	0.05		0.115	0.146	20.40	
Dibenzofuran	1	0		8.20	50.10	50			1.701	1.705	0.20	
2.4-Dinitrotoluene	1	0		8.18	58.52	50			0.377	0.442	17.04	
4-Nitrophenol	1	0	CP	8.10	56.19	50	0.05		0.201	0.243	12.38	
2.3.4.6-Tetrachlorophenol	1	0		8.31	55.74	50			0.340	0.379	11.48	
Fluorene	1	0		8.52	51.02	50			1.403	1.431	2.04	
4-Chlorophenyl-phenylether	1	0		8.51	51.59	50			0.656	0.676	3.18	
Diethylphthalate	1	0		8.40	52.33	50			1.353	1.416	4.66	
4-Nitroaniline	1	0		8.53	56.77	50			0.356	0.404	13.54	
Atrazine	1	0		9.15	58.43	50			0.407	0.476	16.86	
Phenanthrene-d10	1	0	I	9.45	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.55	56.26	50			0.106	0.120	12.52	
n-Nitrosodiphenylamine	1	0	CC	8.62	47.18	50	20		0.700	0.660	5.64	
2.4.6-Tribromophenol	1	0	S	8.75	56.08	50			0.092	0.103	12.16	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M19269.D **Instrument:** GCMS 9

Cont Calibration Date/Time 7/16/2009 10:57:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Diphenylhydrazine	1	0		8.66	44.66	50			0.743	0.664	10.68	
4-Bromophenyl-phenylether	1	0		8.99	49.58	50			0.223	0.221	0.84	
Hexachlorobenzene	1	0		9.05	49.65	50			0.233	0.232	0.70	
N-Octadecane	1	0		9.33	44.07	50			0.431	0.380	11.86	
Pentachlorophenol	1	0	CC	9.25	53.50	50	20		0.123	0.129	7.00	
Phenanthrene	1	0		9.48	47.04	50			1.217	1.145	5.92	
Anthracene	1	0		9.53	49.17	50			1.204	1.184	1.66	
Carbazole	1	0		9.70	50.16	50			1.184	1.188	0.32	
Di-n-butylphthalate	1	0		10.09	51.93	50			1.310	1.361	3.86	
Fluoranthene	1	0	CC	10.79	53.79	50	20		1.271	1.368	7.58	
Chrysene-d12	1	0	I	12.49	40.00	40				0.000	0.00	
Pyrene	1	0		11.06	46.64	50			1.474	1.375	6.72	
Benzidine	1	0		10.96	38.89	50			0.398	0.468	22.22	
Terphenyl-d14	1	0	S	11.25	23.79	25			1.084	1.032	4.84	
p,p'-DDE	1	0		11.19	46.70				0.317			
Endrin	1	0		11.51	47.34	50			0.068	0.065	5.32	
p,p'-DDD	1	0		11.59	48.60				0.505			
Butylbenzylphthalate	1	0		11.85	47.70	50			0.619	0.590	4.60	
Endrin aldehyde	1	0		11.51	40.18				0.038			
p,p'-DDT	1	0		11.94	52.15				0.487			
Endrin ketone	1	0		12.42	54.14				0.048			
3,3'-Dichlorobenzidine	1	0		12.46	55.78	50			0.369	0.411	11.56	
Benzo[a]anthracene	1	0		12.48	48.59	50			1.417	1.377	2.82	
Chrysene	1	0		12.52	47.45	50			1.383	1.312	5.10	
bis(2-Ethylhexyl)phthalate	1	0		12.55	47.88	50			0.847	0.811	4.24	
Perylene-d12	1	0	I	14.09	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.29	44.15	50	20		1.362	1.304	11.70	
Benzo[b]fluoranthene	1	0		13.69	48.84	50			1.272	1.242	2.32	
Benzo[k]fluoranthene	1	0		13.72	47.83	50			1.288	1.232	4.34	
Benzo[a]pyrene	1	0	CC	14.03	49.26	50	20		1.207	1.189	1.48	
Indeno[1,2,3-cd]pyrene	1	0		15.29	52.77	50			1.231	1.299	5.54	
Dibenzo[a,h]anthracene	1	0		15.31	52.81	50			1.016	1.073	5.62	
Benzo[g,h,i]perylene	1	0		15.64	51.80	50			1.030	1.067	3.60	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.678	0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.068	0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19269.D Sam Mult : 1 Vial# : 2 Qt On : 07/16/09 11:14
Acq On : 07/16/09 10:57 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	33667	40.00	ng	-0.17
23) Naphthalene-d8	6.623	136	132858	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	83013	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	159577	40.00	ng	-0.21
81) Chrysene-d12	12.490	240	175227	40.00	ng	-0.23
96) Perylene-d12	14.090	264	192802	40.00	ng	-0.25
System Monitoring Compounds						
4) 2-Fluorophenol	4.382	112	48795	47.45	ng	-0.18
Spiked Amount 100.000			Recovery = 47.45%			
9) Phenol-d5	5.296	99	68106	50.29	ng	-0.16
Spiked Amount 100.000			Recovery = 50.29%			
24) Nitrobenzene-d5	6.061	128	13887	25.21	ng	-0.17
Spiked Amount 50.000			Recovery = 50.42%			
46) 2-Fluorobiphenyl	7.447	172	70939	24.31	ng	-0.18
Spiked Amount 50.000			Recovery = 48.62%			
70) 2,4,6-Tribromophenol	8.746	330	20604	56.08	ng	-0.20
Spiked Amount 100.000			Recovery = 56.08%			
84) Terphenyl-d14	11.249	244	112984	23.79	ng	-0.22
Spiked Amount 50.000			Recovery = 47.58%			
Target Compounds						Qvalue
2) Pyridine	2.702	79	50385	48.82	ng	72
3) N-Nitrosodimethylamine	2.633	74	24837	46.42	ng	77
5) Benzaldehyde	5.221	77	31966	38.64	ng	74
6) Aniline	5.318	93	79767	55.71	ng	60
7) Pentachloroethane	5.361	117	21386	47.86	ng	71
8) bis(2-Chloroethyl)ether	5.382	93	48039	49.10	ng	81
10) Phenol	5.307	94	72292	50.47	ng	90
11) 2-Chlorophenol	5.425	128	57747	50.64	ng	74
12) N-Decane	5.478	57	47268	45.03	ng	83
13) 1,3-Dichlorobenzene	5.553	146	61888	48.36	ng	98
14) 1,4-Dichlorobenzene	5.623	146	64497	48.87	ng	96
15) 1,2-Dichlorobenzene	5.746	146	60767	49.56	ng	98
16) Benzyl alcohol	5.724	108	37030	51.19	ng	77
17) bis(2-chloroisopropyl)...	5.842	45	57527	46.90	ng	90
18) 2-Methylphenol	5.821	108	50364	50.80	ng	95
19) Acetophenone	5.938	105	80683	51.27	ng	69
20) Hexachloroethane	6.024	117	22439	47.73	ng	72
21) N-Nitroso-di-n-propyla...	5.944	70	38456	52.04	ng	72
22) 3&4-Methylphenol	5.949	108	53935	52.86	ng	97
25) Nitrobenzene	6.077	77	54218	49.08	ng	77
26) Isophorone	6.264	82	103947	50.26	ng	85
27) 2-Nitrophenol	6.329	139	30009	52.69	ng	83
28) 2,4-Dimethylphenol	6.361	107	58179	51.50	ng	94
29) Benzoic Acid	6.430	105	29594m	46.50	ng	
30) bis(2-Chloroethoxy)met...	6.436	93	60554	48.73	ng	97
31) 2,4-Dichlorophenol	6.516	162	50564	52.35	ng	84
32) 1,2,4-Trichlorobenzene	6.580	180	55173	49.29	ng	97
33) Naphthalene	6.639	128	169775	48.68	ng	99
34) 4-Chloroaniline	6.676	127	71759	62.58	ng	100
35) Hexachlorobutadiene	6.730	225	33253	51.34	ng	97
36) Caprolactam	6.944	113	21465	57.29	ng	72
37) 4-Chloro-3-methylphenol	7.040	107	51091	53.62	ng	76
38) 2-Methylnaphthalene	7.163	142	115445	51.29	ng	99
39) Methylnaphthalenes (To...	7.163	142	115445	51.29	ng	99
40) 1,1'-Biphenyl	7.532	154	159446	52.93	ng	91
42) 1,2,4,5-Tetrachloroben...	7.291	216	66554	48.57	ng	98
43) Hexachlorocyclopentadiene	7.286	237	28543	47.47	ng	100
44) 2,4,6-Trichlorophenol	7.382	196	38835	53.42	ng	98
45) 2,4,5-Trichlorophenol	7.414	196	41329	51.21	ng	99
47) 2-Chloronaphthalene	7.548	162	116018	48.46	ng	93
48) 1,4-Dimethylnaphthalene	7.826	156	110482	49.84	ng	89
49) Dimethylnaphthalenes (...	7.826	156	110482	49.84	ng	89
50) Diphenyl Ether	7.612	170	89155	48.34	ng	80
51) 2-Nitroaniline	7.628	65	40148	52.21	ng	48
52) Acenaphthylene	7.901	152	199507	50.00	ng	99
53) Dimethylphthalate	7.773	163	143390	52.01	ng	98
54) 2,6-Dinitrotoluene	7.826	165	32751	55.64	ng	67
55) Acenaphthene	8.051	153	124935	48.84	ng	94
56) 3-Nitroaniline	7.971	138	35830	58.66	ng	73
57) 2,4-Dinitrophenol	8.067	184	15127	60.20	ng	78
58) Dibenzofuran	8.201	168	176896	50.10	ng	85
59) 2,4-Dinitrotoluene	8.179	165	45813	58.52	ng	58

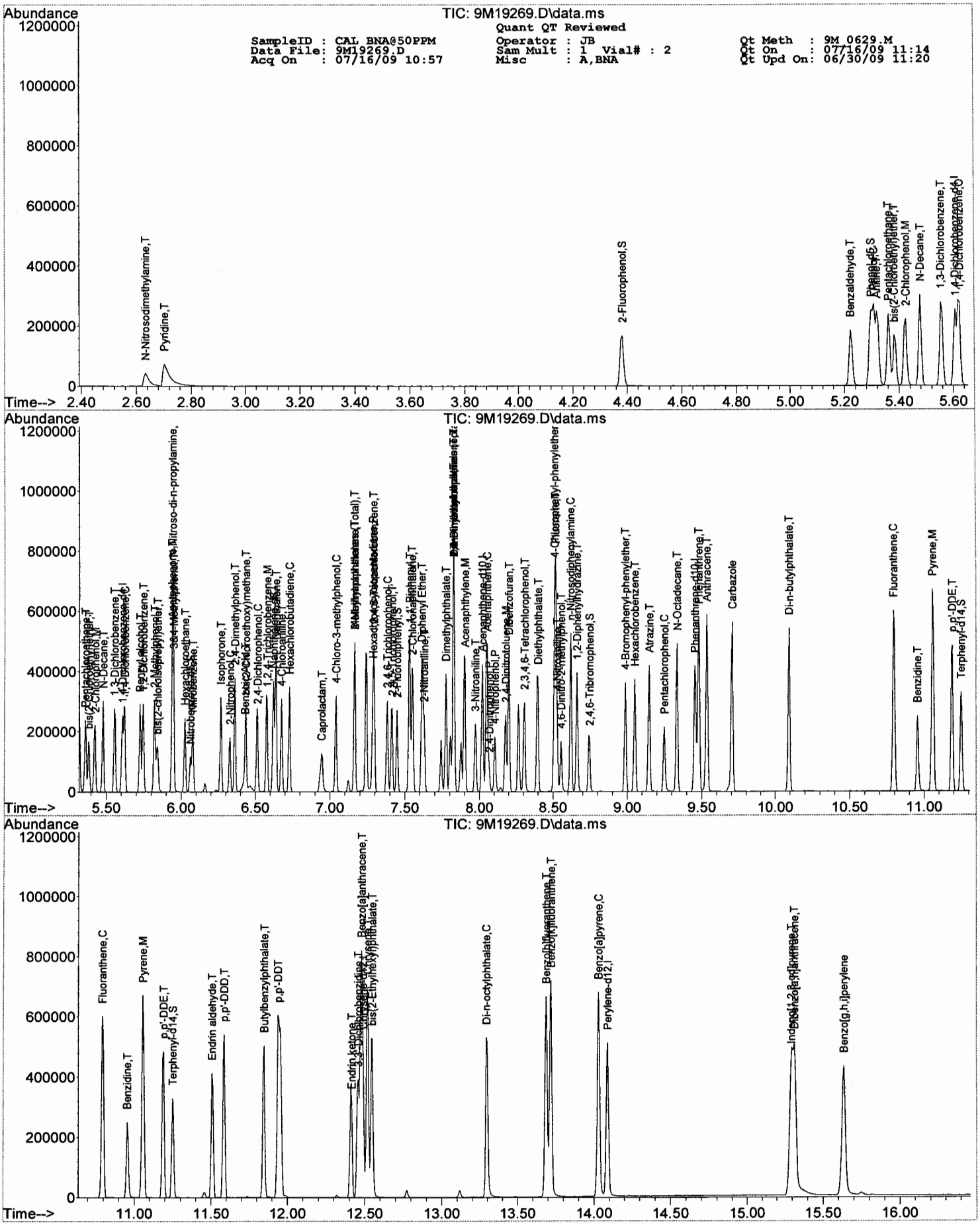
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19269.D Sam Mult : 1 Vial# : 2 Qt On : 07/16/09 11:14
Acq On : 07/16/09 10:57 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	8.104	65	25183	56.19	ng	81
61)	2,3,4,6-Tetrachlorophenol	8.308	232	39313	55.74	ng	82
62)	Fluorene	8.516	166	148519	51.02	ng	99
63)	4-Chlorophenyl-phenyle...	8.511	204	70195	51.59	ng	82
64)	Diethylphthalate	8.399	149	146937	52.33	ng	97
65)	4-Nitroaniline	8.527	138	41954	56.77	ng	76
66)	Atrazine	9.147	200	49392	58.43	ng	96
68)	4,6-Dinitro-2-methylph...	8.554	198	23997	56.26	ng	100
69)	n-Nitrosodiphenylamine	8.618	169	131745	47.18	ng	100
71)	1,2-Diphenylhydrazine	8.661	77	132445	44.66	ng	81
72)	4-Bromophenyl-phenylether	8.987	248	44116	49.58	ng	84
73)	Hexachlorobenzene	9.051	284	46232	49.65	ng	68
74)	N-Octadecane	9.335	57	75859	44.07	ng	79
75)	Pentachlorophenol	9.249	266	25690	53.50	ng	98
76)	Phenanthrene	9.479	178	228348	47.04	ng	99
77)	Anthracene	9.533	178	236093	49.17	ng	99
78)	Carbazole	9.704	167	236884	50.16	ng	97
79)	Di-n-butylphthalate	10.094	149	271448	51.93	ng	97
80)	Fluoranthene	10.795	202	272817	53.79	ng	88
82)	Pyrene	11.057	202	301158	46.64	ng	84
83)	Benzidine	10.955	184	102459	38.89	ng	84
85)	p,p'-DDE	11.191	246	64895	46.70	ng	91
86)	Endrin	11.506	81	14144	47.34	ng	28
87)	p,p'-DDD	11.586	235	107538	48.60	ng	94
88)	Butylbenzylphthalate	11.848	149	129263	47.70	ng	66
89)	Endrin aldehyde	11.506	67	6725	40.18	ng	77
90)	p,p'-DDT	11.939	235	111144	52.15	ng	99
91)	Endrin ketone	12.415	317	11417	54.14	ng	98
92)	3,3'-Dichlorobenzidine	12.458	252	90097	55.78	ng	94
93)	Benzo[a]anthracene	12.480	228	301689	48.59	ng	99
94)	Chrysene	12.517	228	287386	47.45	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.549	149	177619	47.88	ng	94
97)	Di-n-octylphthalate	13.293	149	314375	44.15	ng	100
98)	Benzo[b]fluoranthene	13.688	252	299349	48.84	ng	94
99)	Benzo[k]fluoranthene	13.720	252	297005	47.83	ng	92
100)	Benzo[a]pyrene	14.031	252	286615	49.26	ng	92
101)	Indeno[1,2,3-cd]pyrene	15.293	276	313039	52.77	ng	84
102)	Dibenzo[a,h]anthracene	15.314	278	258670	52.81	ng	90
103)	Benzo[g,h,i]perylene	15.635	276	257266	51.80	ng	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19269.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 9M19269.D
Acq On : 07/16/09 10:57
Operator : JB
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 11:14
Qt Upd On: 06/30/09 11:20
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->
Caprolactam,T
4-Chloro-3-methylphenol,C
Dimethylphthalate,T
Acenaphthylene,M
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Pentachlorophenol,C
N-Octadecane,T
Atrazine,T
Fluorene-d10,I
Phenanthrene-d10,I
Anthracene,T
Fluoranthene-d10,I
Chrysene-d12,I
Perylene-d12,I
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
p,p'-DDE,T
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
Benzo[a]anthracene,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Benzo[g,h,i]perylene

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M05948.D **Instrument:** GCMS 10

Cont Calibration Date/Time 7/17/2009 9:38:00 A **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.29	40.00	40				0.000	0.00	
Pyridine	1	0		2.26	44.97	50			1.332	1.198	10.06	
N-Nitrosodimethylamine	1	0		2.21	45.05	50			0.730	0.658	9.90	
2-Fluorophenol	1	0	S	4.03	48.55	50			1.296	1.259	2.90	
Benzaldehyde	1	0		4.90	35.61	50			0.822	0.741	28.78	
Aniline	1	0		5.00	54.90	50			1.821	1.852	9.80	
Pentachloroethane	1	0		5.04	52.57	50			0.520	0.546	5.14	
bis(2-Chloroethyl)ether	1	0		5.08	46.53	50			1.295	1.206	6.94	
Phenol-d5	1	0	S	5.00	47.37	50			1.725	1.634	5.26	
Phenol	1	0	CC	5.01	48.87	50	20		1.737	1.698	2.26	
2-Chlorophenol	1	0		5.11	48.57	50			1.429	1.388	2.86	
N-Decane	1	0		5.17	50.17	50			1.467	1.472	0.34	
1.3-Dichlorobenzene	1	0		5.24	49.02	50			1.501	1.471	1.96	
1.4-Dichlorobenzene	1	0	CC	5.31	49.71	50	20		1.547	1.538	0.58	
1.2-Dichlorobenzene	1	0		5.43	50.30	50			1.433	1.441	0.60	
Benzyl alcohol	1	0		5.42	47.30	50			0.922	0.873	5.40	
bis(2-chloroisopropyl)ether	1	0		5.54	49.47	50			2.105	2.082	1.06	
2-Methylphenol	1	0		5.53	45.99	50			1.276	1.174	8.02	
Acetophenone	1	0		5.63	47.59	50			1.994	1.898	4.82	
Hexachloroethane	1	0		5.71	51.99	50			0.550	0.572	3.98	
N-Nitroso-di-n-propylamine	1	0	CP	5.64	46.43	50	0.05		0.966	0.897	7.14	
3&4-Methylphenol	1	0		5.65	48.80	50			1.305	1.273	2.40	
Naphthalene-d8	1	0	I	6.31	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.76	26.13	25			0.173	0.181	4.52	
Nitrobenzene	1	0		5.77	52.90	50			0.314	0.332	5.80	
Isophorone	1	0		5.96	48.64	50			0.649	0.631	2.72	
2-Nitrophenol	1	0	CC	6.02	57.45	50	20		0.176	0.203	14.90	
2.4-Dimethylphenol	1	0		6.07	49.39	50			0.326	0.322	1.22	
Benzoic Acid	1	0		6.15	43.47	50			0.217	0.192	13.06	
bis(2-Chloroethoxy)methane	1	0		6.14	49.31	50			0.402	0.397	1.38	
2.4-Dichlorophenol	1	0	CC	6.21	49.86	50	20		0.293	0.292	0.28	
1.2.4-Trichlorobenzene	1	0		6.27	51.77	50			0.320	0.332	3.54	
Naphthalene	1	0		6.33	51.64	50			1.025	1.019	3.28	
4-Chloroaniline	1	0		6.37	51.57	50			0.366	0.421	3.14	
Hexachlorobutadiene	1	0	CC	6.42	52.46	50	20		0.170	0.178	4.92	
Caprolactam	1	0		6.64	45.42	50			0.137	0.124	9.16	
4-Chloro-3-methylphenol	1	0	CC	6.74	48.08	50	20		0.290	0.279	3.84	
2-Methylnaphthalene	1	0		6.84	50.55	50			0.666	0.663	1.10	
Methylnaphthalenes	1	0		6.84	50.55	50	20			0.663	1.10	
1.1'-Biphenyl	1	0		7.19	50.70	50			0.871	0.867	1.40	
Acenaphthene-d10	1	0	I	7.65	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		6.96	57.77	50			0.572	0.637	15.54	
Hexachlorocyclopentadiene	1	0	CP	6.95	26.45	50	0.05		0.214	0.114	47.10	
2.4.6-Trichlorophenol	1	0	CC	7.06	52.61	50	20		0.356	0.375	5.22	
2.4.5-Trichlorophenol	1	0		7.09	51.18	50			0.393	0.402	2.36	
2-Fluorobiphenyl	1	0	S	7.11	25.09	25			1.352	1.357	0.36	
2-Chloronaphthalene	1	0		7.21	52.50	50			1.098	1.153	5.00	
1.4-Dimethylnaphthalene	1	0		7.47	57.32	50			1.005	1.109	14.64	
Dimethylnaphthalenes	1	0		7.47	57.32	50	20			1.109	14.64	
Diphenyl Ether	1	0		7.28	51.86	50			0.842	0.873	3.72	
2-Nitroaniline	1	0		7.29	59.55	50			0.351	0.418	19.10	
Acenaphthylene	1	0		7.54	53.27	50			1.826	1.930	6.54	
Dimethylphthalate	1	0		7.43	50.23	50			1.262	1.268	0.46	
2.6-Dinitrotoluene	1	0		7.48	57.10	50			0.277	0.316	14.20	
Acenaphthene	1	0	CC	7.68	55.04	50	20		1.145	1.197	10.08	
3-Nitroaniline	1	0		7.62	56.94	50			0.304	0.346	13.88	
2.4-Dinitrophenol	1	0	CP	7.71	71.97	50	0.05		0.100	0.133	43.94	
Dibenzofuran	1	0		7.83	52.22	50			1.588	1.648	4.44	
2.4-Dinitrotoluene	1	0		7.82	60.97	50			0.340	0.415	21.94	
4-Nitrophenol	1	0	CP	7.77	52.51	50	0.05		0.210	0.221	5.02	
2.3.4.6-Tetrachlorophenol	1	0		7.94	49.63	50			0.340	0.338	0.74	
Fluorene	1	0		8.13	54.16	50			1.262	1.386	8.32	
4-Chlorophenyl-phenylether	1	0		8.13	57.79	50			0.575	0.631	15.58	
Diethylphthalate	1	0		8.03	50.46	50			1.299	1.311	0.92	
4-Nitroaniline	1	0		8.15	52.64	50			0.370	0.390	5.28	
Atrazine	1	0		8.76	48.64	50			0.394	0.383	2.72	
Phenanthrene-d10	1	0	I	9.03	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.18	61.67	50			0.100	0.130	23.34	
n-Nitrosodiphenylamine	1	0	CC	8.24	51.43	50	20		0.675	0.694	2.86	
2.4.6-Tribromophenol	1	0	S	8.36	56.55	50			0.128	0.145	13.10	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M05948.D **Instrument:** GCMS 10

Cont Calibration Date/Time 7/17/2009 9:38:00 A **Method:** EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Diphenylhydrazine	1	0		8.28	53.53	50			0.712	0.762	7.06	
4-Bromophenyl-phenylether	1	0		8.59	52.15	50			0.224	0.234	4.30	
Hexachlorobenzene	1	0		8.64	53.06	50			0.255	0.271	6.12	
N-Octadecane	1	0		8.94	59.54	50			0.464	0.545	19.08	
Pentachlorophenol	1	0	CC	8.84	41.65	50	20		0.146	0.125	16.70	
Phenanthrene	1	0		9.06	53.05	50			1.157	1.186	6.10	
Anthracene	1	0		9.12	53.64	50			1.163	1.212	7.28	
Carbazole	1	0		9.29	50.41	50			1.151	1.161	0.82	
Di-n-butylphthalate	1	0		9.68	55.19	50			1.282	1.416	10.38	
Fluoranthene	1	0	CC	10.35	51.97	50	20		1.201	1.248	3.94	
Chrysene-d12	1	0	I	12.02	40.00	40				0.000	0.00	
Pyrene	1	0		10.61	48.99	50			1.431	1.402	2.02	
Benzidine	1	0		10.52	39.16	50			0.464	0.472	21.68	
Terphenyl-d14	1	0	S	10.81	23.34	25			1.100	1.027	6.64	
4,4'-DDE	1	0		10.75	48.88				0.294			
Endrin	1	0		11.04	52.50	50			0.074	0.078	5.00	
4,4'-DDD	1	0		11.14	49.56				0.515			
Butylbenzylphthalate	1	0		11.40	49.67	50			0.652	0.648	0.66	
Endrin aldehyde	1	0		11.04	47.23				0.034			
4,4'-DDT	1	0		11.48	50.92				0.485			
Endrin ketone	1	0		11.94	48.37				0.069			
3,3'-Dichlorobenzidine	1	0		12.00	55.88	50			0.400	0.463	11.76	
Benzo[a]anthracene	1	0		12.01	49.83	50			1.368	1.363	0.34	
Chrysene	1	0		12.05	48.82	50			1.315	1.284	2.36	
bis(2-Ethylhexyl)phthalate	1	0		12.10	52.01	50			0.899	0.935	4.02	
Perylene-d12	1	0	I	13.60	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.85	53.85	50	20		1.226	1.321	7.70	
Benzo[b]fluoranthene	1	0		13.21	50.75	50			1.166	1.184	1.50	
Benzo[k]fluoranthene	1	0		13.24	51.20	50			1.121	1.148	2.40	
Benzo[a]pyrene	1	0	CC	13.55	53.09	50	20		1.104	1.172	6.18	
Indeno[1,2,3-cd]pyrene	1	0		14.67	54.36	50			1.255	1.364	8.72	
Dibenzo[a,h]anthracene	1	0		14.69	54.68	50			1.019	1.114	9.36	
Benzo[g,h,i]perylene	1	0		14.96	53.93	50			1.059	1.143	7.86	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.005	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.666	0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05948.D Sam Mult : 1 Vial# : 2 Qt On : 07/17/09 09:54
Acq On : 07/17/09 09:38 Misc : A,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	80114	40.00	ng	-0.05
23) Naphthalene-d8	6.312	136	305064	40.00	ng	-0.05
41) Acenaphthene-d10	7.655	164	168354	40.00	ng	-0.06
67) Phenanthrene-d10	9.035	188	279541	40.00	ng	-0.08
81) Chrysene-d12	12.019	240	269152	40.00	ng	-0.09
96) Perylene-d12	13.603	264	314931	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	4.034	112	126060	48.55	ng	-0.05
Spiked Amount 100.000			Recovery = 48.55%			
9) Phenol-d5	4.997	99	163602	47.37	ng	-0.04
Spiked Amount 100.000			Recovery = 47.37%			
24) Nitrobenzene-d5	5.756	128	34568	26.13	ng	-0.05
Spiked Amount 50.000			Recovery = 52.26%			
46) 2-Fluorobiphenyl	7.115	172	142768	25.09	ng	-0.06
Spiked Amount 50.000			Recovery = 50.18%			
70) 2,4,6-Tribromophenol	8.356	330	50677	56.55	ng	-0.07
Spiked Amount 100.000			Recovery = 56.55%			
84) Terphenyl-d14	10.805	244	172800	23.34	ng	-0.09
Spiked Amount 50.000			Recovery = 46.68%			
Target Compounds						Qvalue
2) Pyridine	2.258	79	119956	44.97	ng	86
3) N-Nitrosodimethylamine	2.210	74	65878	45.05	ng	85
5) Benzaldehyde	4.900	77	74248	35.61	ng	70
6) Aniline	5.002	93	185455	54.90	ng	71
7) Pentachloroethane	5.039	117	54722	52.57	ng	82
8) bis(2-Chloroethyl)ether	5.077	93	120722	46.53	ng	82
10) Phenol	5.007	94	170072	48.87	ng	80
11) 2-Chlorophenol	5.109	128	139018	48.57	ng	76
12) N-Decane	5.168	57	147387	50.17	ng	91
13) 1,3-Dichlorobenzene	5.237	146	147357	49.02	ng	97
14) 1,4-Dichlorobenzene	5.307	146	154027	49.71	ng	97
15) 1,2-Dichlorobenzene	5.430	146	144348	50.30	ng	97
16) Benzyl alcohol	5.419	108	87383	47.30	ng	67
17) bis(2-chloroisopropyl)...	5.537	45	208534	49.47	ng	98
18) 2-Methylphenol	5.526	108	117530	45.99	ng	96
19) Acetophenone	5.633	105	190093	47.59	ng	61
20) Hexachloroethane	5.708	117	57294	51.99	ng	73
21) N-Nitroso-di-n-propyla...	5.638	70	89807	46.43	ng	86
22) 3&4-Methylphenol	5.654	108	127529	48.80	ng	97
25) Nitrobenzene	5.767	77	126785	52.90	ng	76
26) Isophorone	5.959	82	240749	48.64	ng	83
27) 2-Nitrophenol	6.018	139	77335	57.45	ng	87
28) 2,4-Dimethylphenol	6.066	107	122917	49.39	ng	84
29) Benzoic Acid	6.152	105	73167	43.47	ng	85
30) bis(2-Chloroethoxy)met...	6.136	93	151311	49.31	ng	96
31) 2,4-Dichlorophenol	6.211	162	111286	49.86	ng	85
32) 1,2,4-Trichlorobenzene	6.270	180	126478	51.77	ng	97
33) Naphthalene	6.328	128	388689	51.64	ng	100
34) 4-Chloroaniline	6.371	127	160574	51.57	ng	99
35) Hexachlorobutadiene	6.419	225	67816	52.46	ng	97
36) Caprolactam	6.639	113	47358	45.42	ng	68
37) 4-Chloro-3-methylphenol	6.740	107	106501	48.08	ng	67
38) 2-Methylnaphthalene	6.842	142	252902	50.55	ng	100
39) Methylnaphthalenes (To...	6.842	142	252902	50.55	ng	100
40) 1,1'-Biphenyl	7.190	154	330526	50.70	ng	95
42) 1,2,4,5-Tetrachloroben...	6.965	216	134093	57.77	ng	98
43) Hexachlorocyclopentadiene	6.954	237	24062	26.45	ng	98
44) 2,4,6-Trichlorophenol	7.056	196	78864	52.61	ng	99
45) 2,4,5-Trichlorophenol	7.088	196	84687	51.18	ng	99
47) 2-Chloronaphthalene	7.211	162	242568	52.50	ng	88
48) 1,4-Dimethylnaphthalene	7.473	156	233455	57.32	ng	84
49) Dimethylnaphthalenes (...	7.473	156	233455	57.32	ng	84
50) Diphenyl Ether	7.275	170	183672	51.86	ng	74
51) 2-Nitroaniline	7.291	65	87920	59.55	ng	45
52) Acenaphthylene	7.543	152	406245	53.27	ng	100
53) Dimethylphthalate	7.430	163	266847	50.23	ng	98
54) 2,6-Dinitrotoluene	7.484	165	66525	57.10	ng	55
55) Acenaphthene	7.682	153	251820	55.04	ng	97
56) 3-Nitroaniline	7.623	138	72828	56.94	ng	66
57) 2,4-Dinitrophenol	7.714	184	28031	71.97	ng	86
58) Dibenzofuran	7.831	168	346707	52.22	ng	83
59) 2,4-Dinitrotoluene	7.821	165	87319	60.97	ng	64

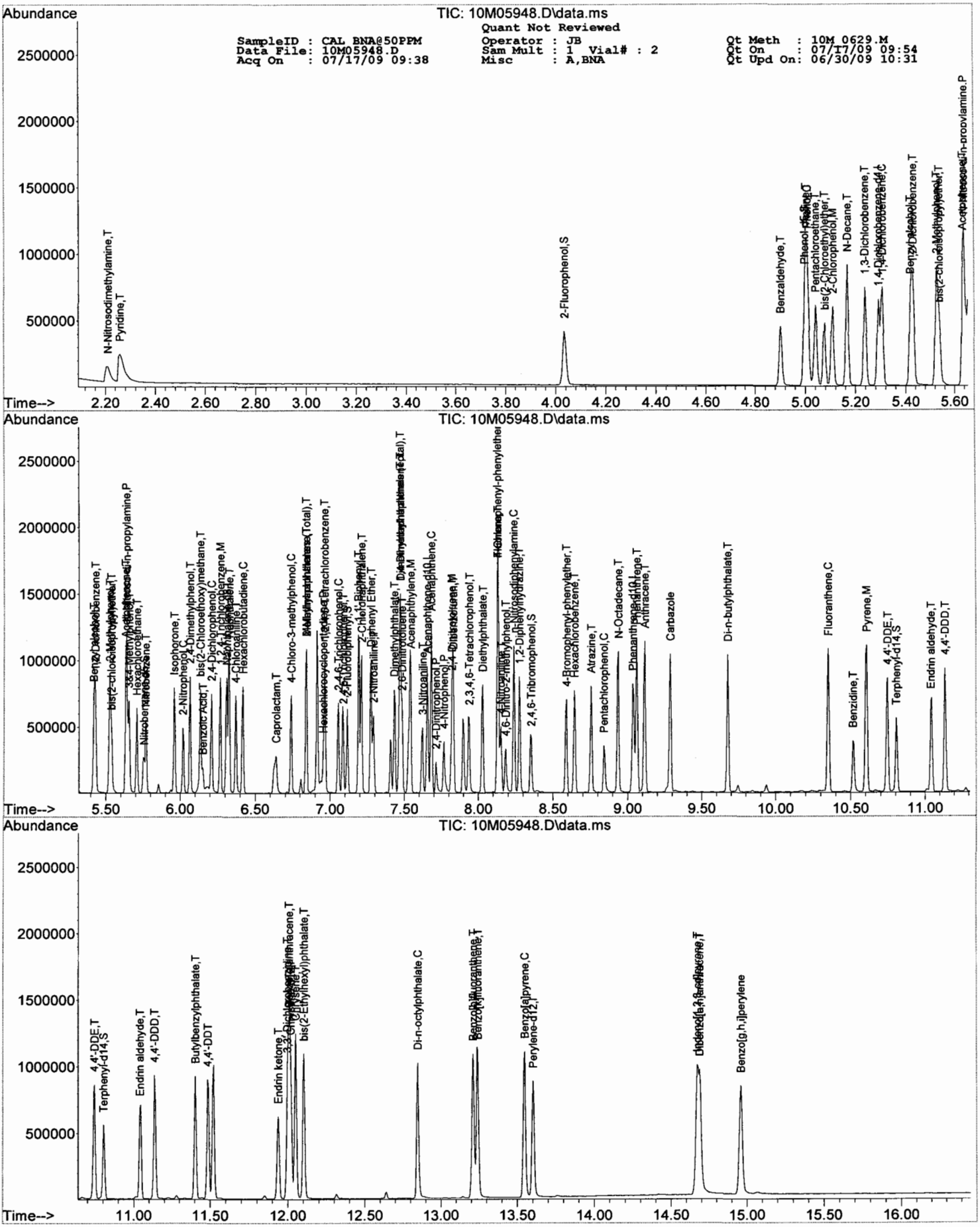
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05948.D Sam Mult : 1 Vial# : 2 Qt On : 07/17/09 09:54
Acq On : 07/17/09 09:38 Misc : A,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	4-Nitrophenol	7.767	65	46509	52.51	ng	90
61)	2,3,4,6-Tetrachlorophenol	7.938	232	71051	49.63	ng	84
62)	Fluorene	8.131	166	291667	54.16	ng	98
63)	4-Chlorophenyl-phenyle...	8.131	204	132813	57.79	ng	82
64)	Diethylphthalate	8.029	149	275830	50.46	ng	96
65)	4-Nitroaniline	8.152	138	81987	52.64	ng	72
66)	Atrazine	8.757	200	80694	48.64	ng	95
68)	4,6-Dinitro-2-methylph...	8.184	198	45541	61.67	ng	100
69)	n-Nitrosodiphenylamine	8.238	169	242436	51.43	ng	98
71)	1,2-Diphenylhydrazine	8.275	77	266363	53.53	ng	82
72)	4-Bromophenyl-phenylether	8.591	248	81772	52.15	ng	79
73)	Hexachlorobenzene	8.644	284	94610	53.06	ng	65
74)	N-Octadecane	8.939	57	190294	59.54	ng	90
75)	Pentachlorophenol	8.842	266	43624	41.65	ng	96
76)	Phenanthrene	9.062	178	414531	53.05	ng	99
77)	Anthracene	9.115	178	423497	53.64	ng	99
78)	Carbazole	9.286	167	405662	50.41	ng	98
79)	Di-n-butylphthalate	9.677	149	494623	55.19	ng	97
80)	Fluoranthene	10.351	202	436141	51.97	ng	93
82)	Pyrene	10.607	202	471723	48.99	ng	88
83)	Benzidine	10.516	184	158723	39.16	ng	89
85)	4,4'-DDE	10.746	246	96595	48.88	ng	89
86)	Endrin	11.041	81	26236	52.50	ng	41
87)	4,4'-DDD	11.137	235	171607	49.56	ng	95
88)	Butylbenzylphthalate	11.404	149	217895	49.67	ng	70
89)	Endrin aldehyde	11.041	67	10724	47.23	ng	81
90)	4,4'-DDT	11.484	235	166268	50.92	ng	99
91)	Endrin ketone	11.939	317	22393	48.37	ng	99
92)	3,3'-Dichlorobenzidine	11.998	252	155771	55.88	ng	97
93)	Benzo[a]anthracene	12.009	228	458734	49.83	ng	99
94)	Chrysene	12.051	228	431976	48.82	ng	100
95)	bis(2-Ethylhexyl)phtha...	12.105	149	314575	52.01	ng	92
97)	Di-n-octylphthalate	12.848	149	519968	53.85	ng	100
98)	Benzo[b]fluoranthene	13.212	252	465906	50.75	ng	95
99)	Benzo[k]fluoranthene	13.244	252	452012	51.20	ng	93
100)	Benzo[a]pyrene	13.549	252	461278	53.09	ng	92
101)	Indeno[1,2,3-cd]pyrene	14.672	276	537093	54.36	ng	83
102)	Dibenzo[a,h]anthracene	14.688	278	438732	54.68	ng	92
103)	Benzo[g,h,i]perylene	14.961	276	449815	53.93	ng	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05948.D\data.ms
Quant Not Reviewed
SampleID : CAL BNA@50PPM
Data File: 10M05948.D
Acq On : 07/17/09 09:38
Operator : JB
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 10M 0629.M
Qt On : 07/17/09 09:54
Qt Upd On: 06/30/09 10:31
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M18894.D
Analysis Date: 06/29/09 08:15
Method: EPA 8270C

Tune Scan/Time Range: Scan 1416

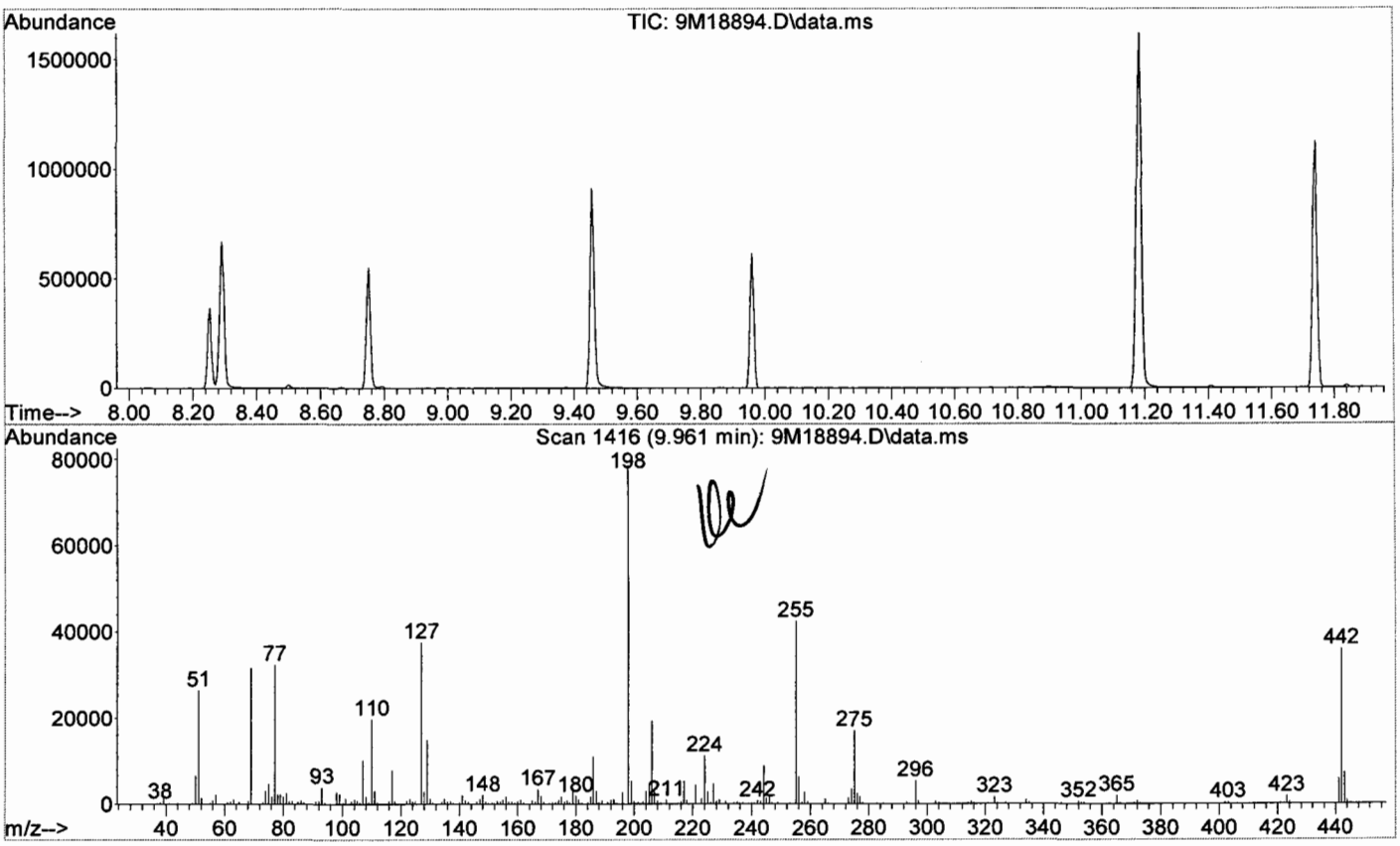
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	33.5	26352	PASS
68	69	0.00	2	1.9	585	PASS
69	198	0.00	100	40.2	31560	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	47.7	37440	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	78560	PASS
199	198	5	9	6.7	5265	PASS
275	198	10	30	21.6	16944	PASS
365	198	1	100	2.4	1923	PASS
441	443	0.01	100	80.1	5734	PASS
442	198	40	100	45.6	35832	PASS
443	442	17	23	20.0	7157	PASS

Data File	Sample Number	Analysis Date:
9M18895.D	CAL BNA@50PPM	06/29/09 08:40
9M18896.D	CAL BNA@196PP	06/29/09 09:28
9M18897.D	CAL BNA@160PP	06/29/09 09:51
9M18898.D	CAL BNA@120PP	06/29/09 10:15
9M18899.D	CAL BNA@80PPM	06/29/09 10:39
9M18900.D	CAL BNA@20PPM	06/29/09 11:03
9M18901.D	CAL BNA@10PPM	06/29/09 11:27
9M18902.D	CAL BNA@2PPM	06/29/09 11:51
9M18903.D	CAL BNA@50PPM	06/29/09 12:14
9M18904.D	ICV BNA@50PPM	06/29/09 12:38
9M18905.D	WMB4177	06/29/09 13:04
9M18906.D	WMB4177(MS)	06/29/09 13:28
9M18907.D	AC45531-001	06/29/09 13:52
9M18908.D	AC45531-001(MS)	06/29/09 14:16
9M18909.D	PYRIDINE TEST(V	06/29/09 14:40
9M18910.D	AC45531-001(MSD	06/29/09 15:04
9M18911.D	AC45504-003(3X)	06/29/09 15:28
9M18912.D	WMB4178(MS)	06/29/09 15:53
9M18913.D	WMB4178	06/29/09 16:17
9M18914.D	AC45515-002	06/29/09 16:42
9M18915.D	AC45515-002(MS)	06/29/09 17:06
9M18916.D	AC45515-002(MSD	06/29/09 17:31
9M18917.D	AC45537-004	06/29/09 17:55
9M18918.D	AC45518-004	06/29/09 18:19
9M18919.D	AC45537-002	06/29/09 18:43
9M18920.D	AC45515-001	06/29/09 19:08
9M18921.D	AC45534-001	06/29/09 19:32
9M18922.D	AC45497-001	06/29/09 19:56
9M18923.D	AC45497-002	06/29/09 20:20
9M18924.D	AC45503-001(R)	06/29/09 20:44
9M18925.D	AC45482-004(R)	06/29/09 21:08

Data Path : G:\GcMsData\2009\GCMS_9\Data\06-29-09\
Data File : 9M18894.D
Acq On : 29 Jun 2009 8:15
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_9\METHODQT\9M_0626.M
Title : @GCMS_9,mg,625,8270
Last Update : Mon Jun 29 09:08:29 2009



Spectrum Information: Scan 1416

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.5	26352	PASS
68	69	0.00	2	1.9	585	PASS
69	198	0.00	100	40.2	31560	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	47.7	37440	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	78560	PASS
199	198	5	9	6.7	5265	PASS
275	198	10	30	21.6	16944	PASS
365	198	1	100	2.4	1923	PASS
441	443	0.01	100	80.1	5734	PASS
442	198	40	100	45.6	35832	PASS
443	442	17	23	20.0	7157	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 10M05580.D
Instrument: GCMS 10 **Analysis Date:** 06/29/09 08:16
Method: EPA 8270C
Tune Scan/Time Range: Average of 9.409 to 9.420 min

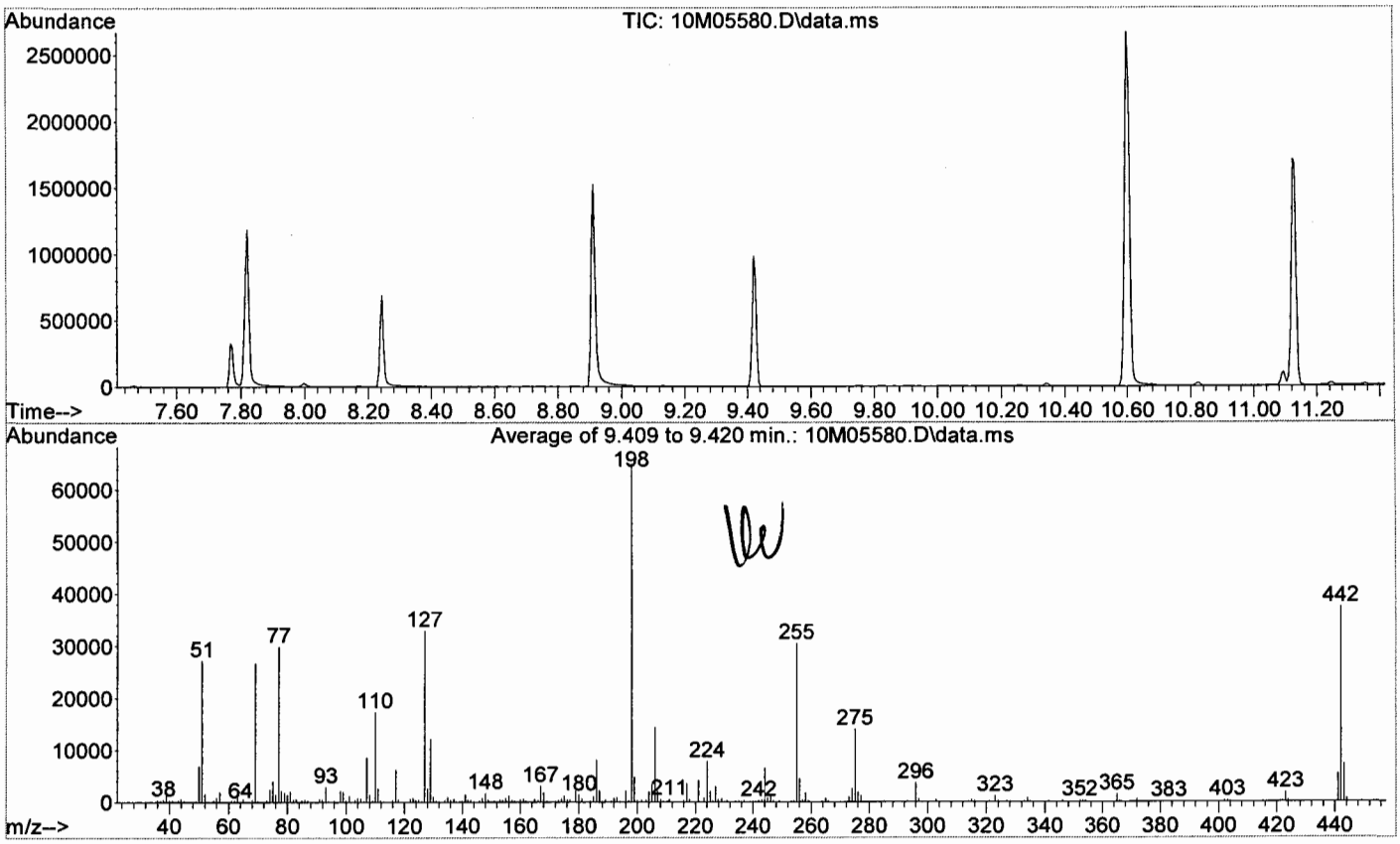
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	41.8	27185	PASS
68	69	0.00	2	1.6	431	PASS
69	198	0.00	100	41.1	26728	PASS
70	69	0.00	2	0.5	135	PASS
127	198	40	60	50.6	32888	PASS
197	198	0.00	1	0.3	190	PASS
198	198	100	100	100.0	64973	PASS
199	198	5	9	7.3	4721	PASS
275	198	10	30	21.5	13976	PASS
365	198	1	100	2.2	1429	PASS
441	443	0.01	100	73.5	5329	PASS
442	198	40	100	57.6	37419	PASS
443	442	17	23	19.4	7250	PASS

Data File	Sample Number	Analysis Date:
10M05581.D	CAL BNA@50PPM	06/29/09 08:39
10M05582.D	CAL BNA@196PP	06/29/09 09:33
10M05583.D	CAL BNA@160PP	06/29/09 09:55
10M05584.D	CAL BNA@120PP	06/29/09 10:17
10M05585.D	CAL BNA@80PPM	06/29/09 10:41
10M05586.D	CAL BNA@20PPM	06/29/09 11:05
10M05587.D	CAL BNA@10PPM	06/29/09 11:29
10M05588.D	CAL BNA@2PPM	06/29/09 11:53
10M05589.D	CAL BNA@50PPM	06/29/09 12:17
10M05590.D	ICV BNA@50PPM	06/29/09 12:42
10M05591.D	WMB4177	06/29/09 13:08
10M05592.D	AC45501-001	06/29/09 13:31
10M05593.D	AC45509-006	06/29/09 13:53
10M05594.D	AC45509-004	06/29/09 14:16
10M05595.D	AC45509-010	06/29/09 14:39
10M05596.D	AC45509-011	06/29/09 15:02
10M05597.D	WMB4178	06/29/09 15:25
10M05598.D	AC45501-002	06/29/09 15:48
10M05599.D	SMB4183	06/29/09 16:11
10M05600.D	AC45518-001	06/29/09 16:33
10M05601.D	AC45518-002	06/29/09 16:56
10M05602.D	AC45511-002	06/29/09 17:19
10M05603.D	AC45511-005	06/29/09 17:42
10M05604.D	AC45511-006	06/29/09 18:04
10M05605.D	AC45511-008	06/29/09 18:27
10M05606.D	AC45511-010	06/29/09 18:50
10M05607.D	AC45531-002	06/29/09 19:12
10M05608.D	AC45518-003	06/29/09 19:35
10M05609.D	AC45518-001(10X)	06/29/09 19:57
10M05610.D	AC45520-001(10X)	06/29/09 20:20
10M05611.D	AC45517-004(10X)	06/29/09 20:43
10M05612.D	AC45517-001(20X)	06/29/09 21:05
10M05613.D	AC45517-002(20X)	06/29/09 21:28
10M05614.D	AC45517-003(20X)	06/29/09 21:50
10M05615.D	AC45519-004(20X)	06/29/09 22:13

Data Path : G:\GcMsData\2009\GCMS_10\Data\06-29-09\
Data File : 10M05580.D
Acq On : 29 Jun 2009 8:16
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0626.M
Title : @GCMS_10,mg,625,8270
Last Update : Mon Jul 06 10:15:43 2009



Spectrum Information: Average of 9.409 to 9.420 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	41.8	27185	PASS
68	69	0.00	2	1.6	431	PASS
69	198	0.00	100	41.1	26728	PASS
70	69	0.00	2	0.5	135	PASS
127	198	40	60	50.6	32888	PASS
197	198	0.00	1	0.3	190	PASS
198	198	100	100	100.0	64973	PASS
199	198	5	9	7.3	4721	PASS
275	198	10	30	21.5	13976	PASS
365	198	1	100	2.2	1429	PASS
441	443	0.01	100	73.5	5329	PASS
442	198	40	100	57.6	37419	PASS
443	442	17	23	19.4	7250	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 9M19268.D
Instrument: GCMS 9 **Analysis Date:** 07/16/09 10:09
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.746 to 9.763 min

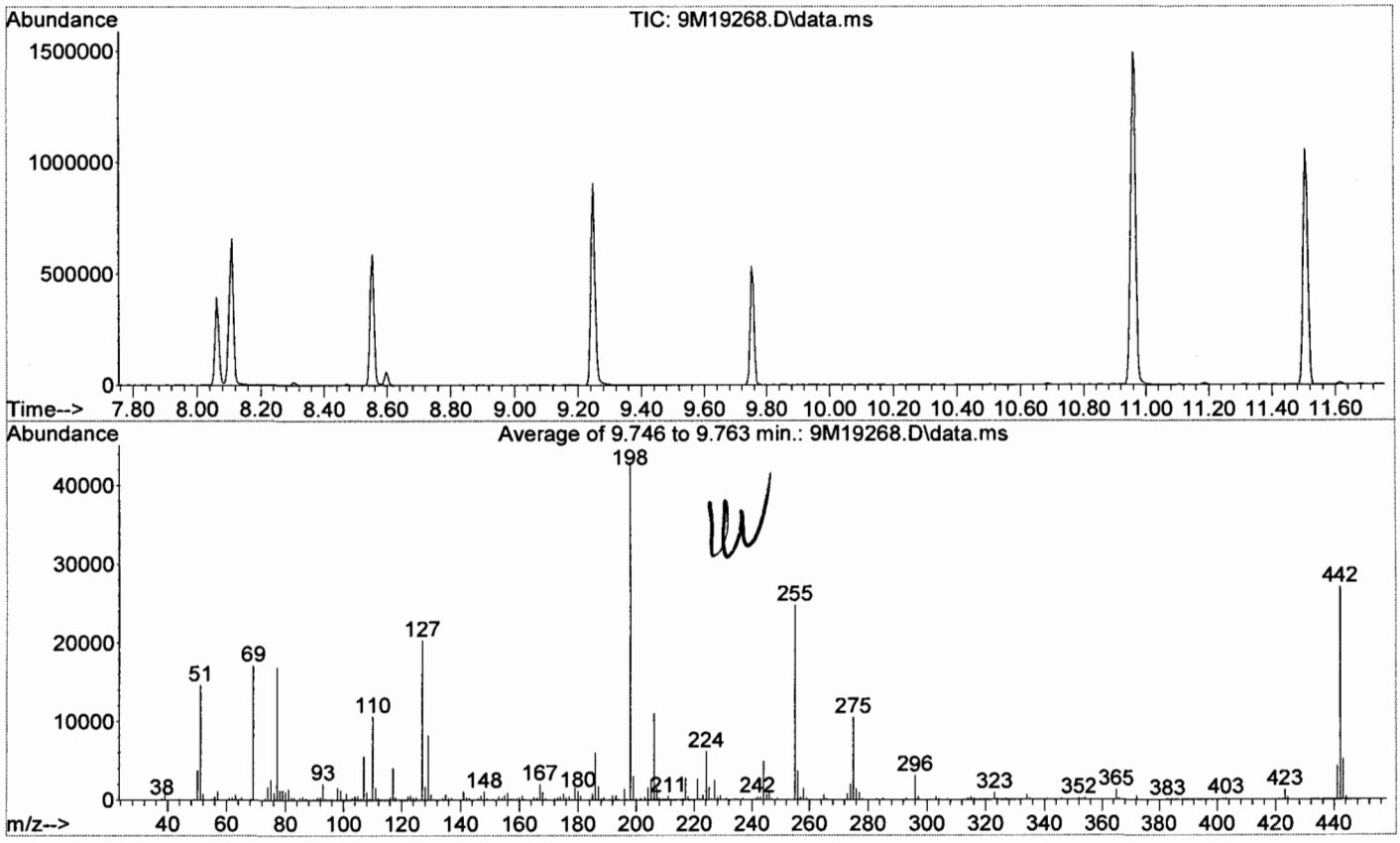
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	34.0	14608	PASS
68	69	0.00	2	0.7	113	PASS
69	198	0.00	100	39.8	17099	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	47.2	20296	PASS
197	198	0.00	1	0.1	44	PASS
198	198	100	100	100.0	42958	PASS
199	198	5	9	7.0	2988	PASS
275	198	10	30	24.5	10507	PASS
365	198	1	100	2.8	1224	PASS
441	443	0.01	100	82.4	4216	PASS
442	198	40	100	62.9	27040	PASS
443	442	17	23	18.9	5114	PASS

Data File	Sample Number	Analysis Date:
9M19269.D	CAL BNA@50PPM	07/16/09 10:57
9M19270.D	WMB4194(MS)	07/16/09 11:21
9M19271.D	AC45780-001	07/16/09 11:44
9M19272.D	AC45781-001	07/16/09 12:07
9M19273.D	AC45781-002	07/16/09 12:30
9M19274.D	WMB4195(MS)	07/16/09 14:20
9M19275.D	WMB4195	07/16/09 14:43
9M19276.D	AC45774-008	07/16/09 15:06
9M19277.D	AC45774-009(MS:	07/16/09 15:29
9M19278.D	AC45774-010(MSD	07/16/09 15:53
9M19279.D	AC45774-011	07/16/09 16:16
9M19280.D	AC45774-012	07/16/09 16:40
9M19281.D	AC45774-013	07/16/09 17:03
9M19282.D	AC45774-014	07/16/09 17:27
9M19283.D	AC45774-016	07/16/09 17:50
9M19284.D	AC45774-017	07/16/09 18:14
9M19285.D	AC45761-001(R)	07/16/09 18:37
9M19286.D	AC45761-003(R)	07/16/09 19:01
9M19287.D	AC45761-004(R)	07/16/09 19:24

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Data File : 9M19268.D
Acq On : 16 Jul 2009 10:09
Operator : JB
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_9\METHODQT\9M_0629.M
Title : @GCMS_9,mg,625,8270
Last Update : Tue Jun 30 11:20:01 2009



Spectrum Information: Average of 9.746 to 9.763 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	34.0	14608	PASS
68	69	0.00	2	0.7	113	PASS
69	198	0.00	100	39.8	17099	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	47.2	20296	PASS
197	198	0.00	1	0.1	44	PASS
198	198	100	100	100.0	42958	PASS
199	198	5	9	7.0	2988	PASS
275	198	10	30	24.5	10507	PASS
365	198	1	100	2.8	1224	PASS
441	443	0.01	100	82.4	4216	PASS
442	198	40	100	62.9	27040	PASS
443	442	17	23	18.9	5114	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 10M05947.D
Instrument: GCMS 10 **Analysis Date:** 07/17/09 08:25
Method: EPA 8270C
Tune Scan/Time Range: Average of 9.356 to 9.372 min

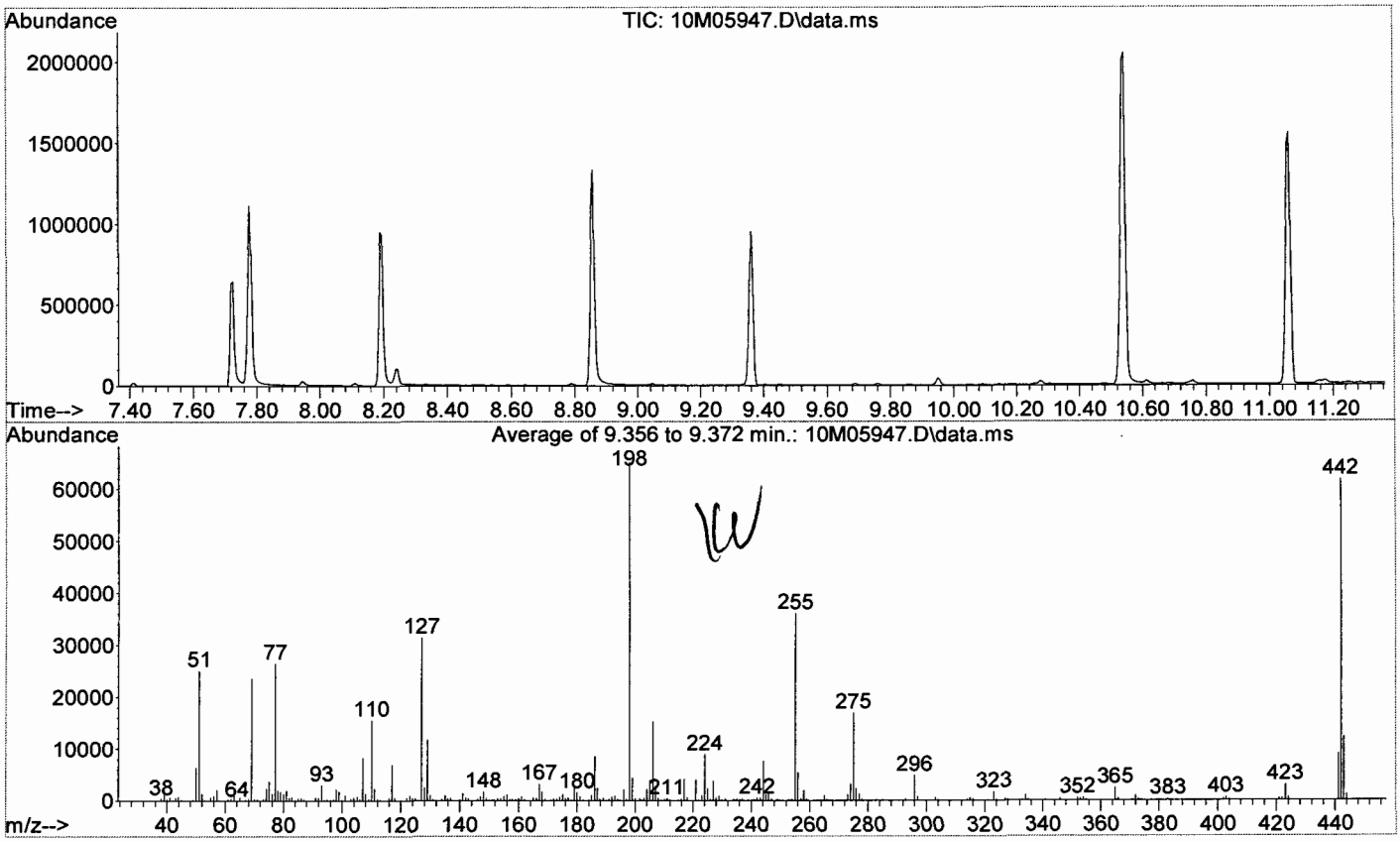
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.5	25017	PASS
68	69	0.00	2	1.7	400	PASS
69	198	0.00	100	36.2	23555	PASS
70	69	0.00	2	1.1	252	PASS
127	198	40	60	48.3	31400	PASS
197	198	0.00	1	0.3	211	PASS
198	198	100	100	100.0	65032	PASS
199	198	5	9	6.7	4329	PASS
275	198	10	30	26.0	16894	PASS
365	198	1	100	3.6	2356	PASS
441	443	0.01	100	73.0	8892	PASS
442	198	40	100	94.8	61676	PASS
443	442	17	23	19.7	12181	PASS

Data File	Sample Number	Analysis Date:
10M05948.D	CAL BNA@50PPM	07/17/09 09:38
10M05949.D	SMB4200	07/17/09 10:01
10M05950.D	SMB4200(MS)	07/17/09 10:23
10M05951.D	AC45774-005	07/17/09 10:45
10M05952.D	AC45774-006(MS:	07/17/09 11:08
10M05953.D	AC45774-007(MSD	07/17/09 11:30
10M05954.D	AC45774-002	07/17/09 11:53
10M05955.D	AC45783-001	07/17/09 12:15
10M05956.D	AC45786-002	07/17/09 12:37
10M05957.D	AC45775-006(3X)	07/17/09 13:00
10M05958.D	AC45775-005	07/17/09 13:22
10M05959.D	AC45775-001	07/17/09 13:45
10M05960.D	AC45774-004	07/17/09 14:07
10M05961.D	AC45774-003	07/17/09 14:29
10M05962.D	AC45774-001	07/17/09 14:52
10M05963.D	AC45774-015	07/17/09 15:14

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Data File : 10M05947.D
Acq On : 17 Jul 2009 8:25
Operator : JB
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS_10\METHODQT\10M_0629.M
Title : @GCMS_10,mg,625,8270
Last Update : Tue Jun 30 10:31:48 2009



Spectrum Information: Average of 9.356 to 9.372 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.5	25017	PASS
68	69	0.00	2	1.7	400	PASS
69	198	0.00	100	36.2	23555	PASS
70	69	0.00	2	1.1	252	PASS
127	198	40	60	48.3	31400	PASS
197	198	0.00	1	0.3	211	PASS
198	198	100	100	100.0	65032	PASS
199	198	5	9	6.7	4329	PASS
275	198	10	30	26.0	16894	PASS
365	198	1	100	3.6	2356	PASS
441	443	0.01	100	73.0	8892	PASS
442	198	40	100	94.8	61676	PASS
443	442	17	23	19.7	12181	PASS

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB4195
Client Id:
Data File: 9M19275.D
Analysis Date: 07/16/09 14:43
Date Rec/Extracted: NA-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	50-32-8	Benzo[a]pyrene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
122-66-7	1,2-Diphenylhydrazine	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	65-85-0	Benzoic Acid	10	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
120-83-2	2,4-Dichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	2.0	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	85-68-7	Butylbenzylphthalate	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	86-74-8	Carbazole	2.0	U
95-57-8	2-Chlorophenol	2.0	U	218-01-9	Chrysene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
95-48-7	2-Methylphenol	2.0	U	132-64-9	Dibenzofuran	2.0	U
88-74-4	2-Nitroaniline	2.0	U	84-66-2	Diethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	131-11-3	Dimethylphthalate	2.0	U
106-44-5	3&4-Methylphenol	2.0	U	84-74-2	Di-n-butylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	117-84-0	Di-n-octylphthalate	2.0	U
99-09-2	3-Nitroaniline	2.0	U	206-44-0	Fluoranthene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	86-73-7	Fluorene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	118-74-1	Hexachlorobenzene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
106-47-8	4-Chloroaniline	2.0	U	77-47-4	Hexachlorocyclopentadiene	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	67-72-1	Hexachloroethane	2.0	U
100-01-6	4-Nitroaniline	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-02-7	4-Nitrophenol	2.0	U	78-59-1	Isophorone	2.0	U
83-32-9	Acenaphthene	2.0	U	91-20-3	Naphthalene	2.0	U
208-96-8	Acenaphthylene	2.0	U	98-95-3	Nitrobenzene	2.0	U
98-86-2	Acetophenone	2.0	U	62-75-9	N-Nitrosodimethylamine	2.0	U
62-53-3	Aniline	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	2.0	U
120-12-7	Anthracene	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
1912-24-9	Atrazine	2.0	U	87-86-5	Pentachlorophenol	10	U
100-52-7	Benzaldehyde	2.0	U	85-01-8	Phenanthrene	2.0	U
92-87-5	Benzidine	10	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

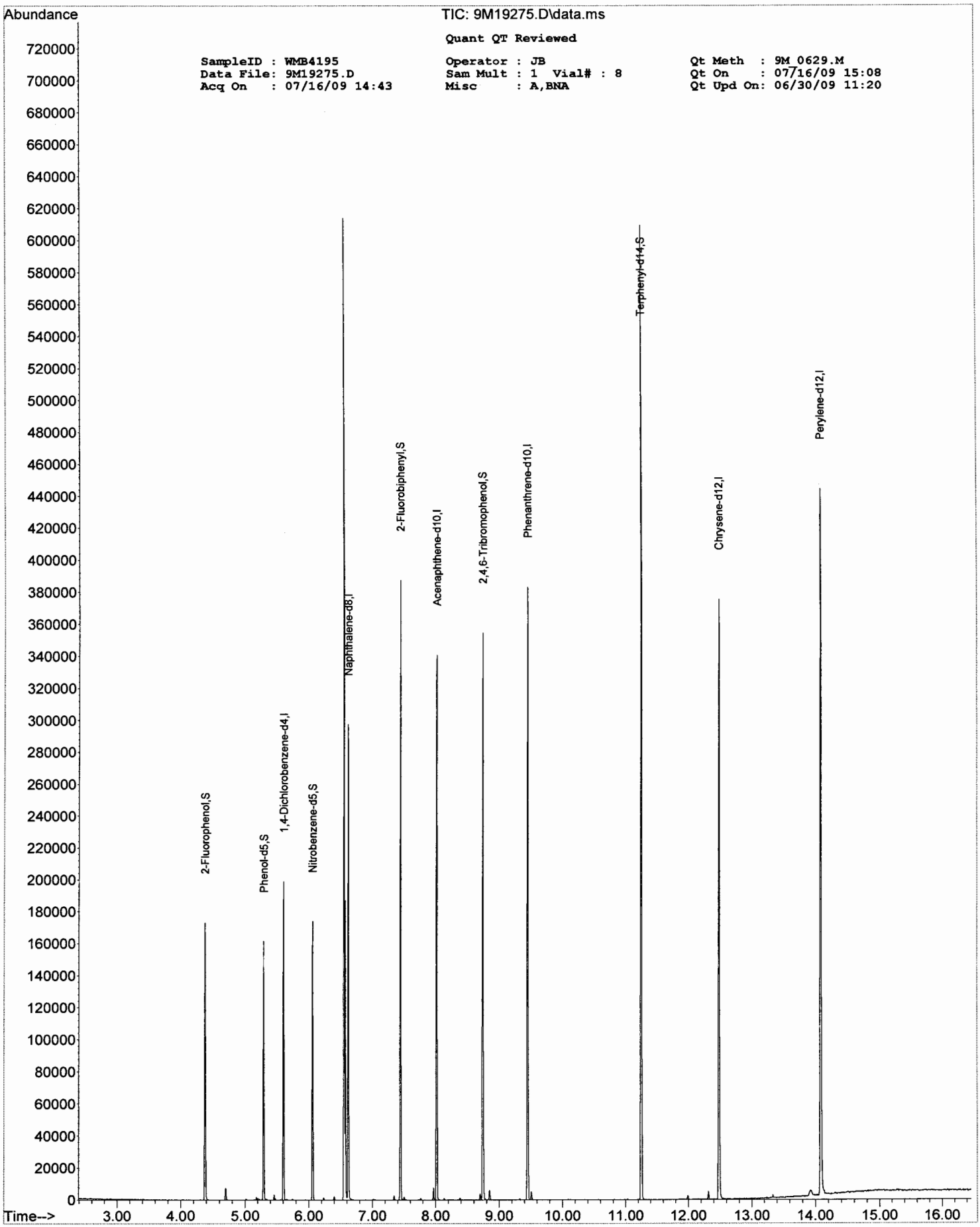
Quantitation Report (QT Reviewed)

SampleID : WMB4195 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19275.D Sam Mult : 1 Vial# : 8 Qt On : 07/16/09 15:08
Acq On : 07/16/09 14:43 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	29472	40.00	ng	-0.17
23) Naphthalene-d8	6.618	136	116800	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	74160	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	140983	40.00	ng	-0.21
81) Chrysene-d12	12.480	240	156571	40.00	ng	-0.24
96) Perylene-d12	14.084	264	177254	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.377	112	49537	55.03	ng	-0.19
Spiked Amount 100.000			Recovery = 55.03%			
9) Phenol-d5	5.291	99	48654	41.04	ng	-0.17
Spiked Amount 100.000			Recovery = 41.04%			
24) Nitrobenzene-d5	6.061	128	23196	47.90	ng	-0.17
Spiked Amount 50.000			Recovery = 95.80%			
46) 2-Fluorobiphenyl	7.447	172	103126	39.55	ng	-0.18
Spiked Amount 50.000			Recovery = 79.10%			
70) 2,4,6-Tribromophenol	8.741	330	35092	108.11	ng	-0.21
Spiked Amount 100.000			Recovery = 108.11%			
84) Terphenyl-d14	11.250	244	210295	49.55	ng	-0.22
Spiked Amount 50.000			Recovery = 99.10%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19275.D\data.ms
Quant QT Reviewed
SampleID : WMB4195
Data File: 9M19275.D
Acq On : 07/16/09 14:43
Operator : JB
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 15:08
Qt Upd On: 06/30/09 11:20
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4200
Client Id:
Data File: 10M05949.D
Analysis Date: 07/17/09 10:01
Date Rec/Extracted: NA-07/16/09
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	0.067	U	50-32-8	Benzo[a]pyrene	0.067	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.067	U	205-99-2	Benzo[b]fluoranthene	0.067	U
120-82-1	1,2,4-Trichlorobenzene	0.067	U	191-24-2	Benzo[g,h,i]perylene	0.067	U
122-66-7	1,2-Diphenylhydrazine	0.067	U	207-08-9	Benzo[k]fluoranthene	0.067	U
95-95-4	2,4,5-Trichlorophenol	0.067	U	65-85-0	Benzoic Acid	0.33	U
88-06-2	2,4,6-Trichlorophenol	0.067	U	111-91-1	bis(2-Chloroethoxy)methan	0.067	U
120-83-2	2,4-Dichlorophenol	0.067	U	111-44-4	bis(2-Chloroethyl)ether	0.067	U
105-67-9	2,4-Dimethylphenol	0.067	U	108-60-1	bis(2-chloroisopropyl)ether	0.067	U
51-28-5	2,4-Dinitrophenol	0.33	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.067	U
121-14-2	2,4-Dinitrotoluene	0.067	U	85-68-7	Butylbenzylphthalate	0.067	U
606-20-2	2,6-Dinitrotoluene	0.067	U	105-60-2	Caprolactam	0.067	U
91-58-7	2-Chloronaphthalene	0.067	U	86-74-8	Carbazole	0.067	U
95-57-8	2-Chlorophenol	0.067	U	218-01-9	Chrysene	0.067	U
91-57-6	2-Methylnaphthalene	0.067	U	53-70-3	Dibenzo[a,h]anthracene	0.067	U
95-48-7	2-Methylphenol	0.067	U	132-64-9	Dibenzofuran	0.067	U
88-74-4	2-Nitroaniline	0.067	U	84-66-2	Diethylphthalate	0.067	U
88-75-5	2-Nitrophenol	0.067	U	131-11-3	Dimethylphthalate	0.067	U
106-44-5	3&4-Methylphenol	0.067	U	84-74-2	Di-n-butylphthalate	0.067	U
91-94-1	3,3'-Dichlorobenzidine	0.067	U	117-84-0	Di-n-octylphthalate	0.067	U
99-09-2	3-Nitroaniline	0.067	U	206-44-0	Fluoranthene	0.067	U
534-52-1	4,6-Dinitro-2-methylphenol	0.33	U	86-73-7	Fluorene	0.067	U
101-55-3	4-Bromophenyl-phenylether	0.067	U	118-74-1	Hexachlorobenzene	0.067	U
59-50-7	4-Chloro-3-methylphenol	0.067	U	87-68-3	Hexachlorobutadiene	0.067	U
106-47-8	4-Chloroaniline	0.067	U	77-47-4	Hexachlorocyclopentadiene	0.33	U
7005-72-3	4-Chlorophenyl-phenylether	0.067	U	67-72-1	Hexachloroethane	0.067	U
100-01-6	4-Nitroaniline	0.067	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.067	U
100-02-7	4-Nitrophenol	0.067	U	78-59-1	Isophorone	0.067	U
83-32-9	Acenaphthene	0.067	U	91-20-3	Naphthalene	0.067	U
208-96-8	Acenaphthylene	0.067	U	98-95-3	Nitrobenzene	0.067	U
98-86-2	Acetophenone	0.067	U	62-75-9	N-Nitrosodimethylamine	0.067	U
62-53-3	Aniline	0.067	U	621-64-7	N-Nitroso-di-n-propylamine	0.067	U
120-12-7	Anthracene	0.067	U	86-30-6	n-Nitrosodiphenylamine	0.067	U
1912-24-9	Atrazine	0.067	U	87-86-5	Pentachlorophenol	0.33	U
100-52-7	Benzaldehyde	0.067	U	85-01-8	Phenanthrene	0.067	U
92-87-5	Benzidine	0.33	U	108-95-2	Phenol	0.067	U
56-55-3	Benzo[a]anthracene	0.067	U	129-00-0	Pyrene	0.067	U

Worksheet #: 123973

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

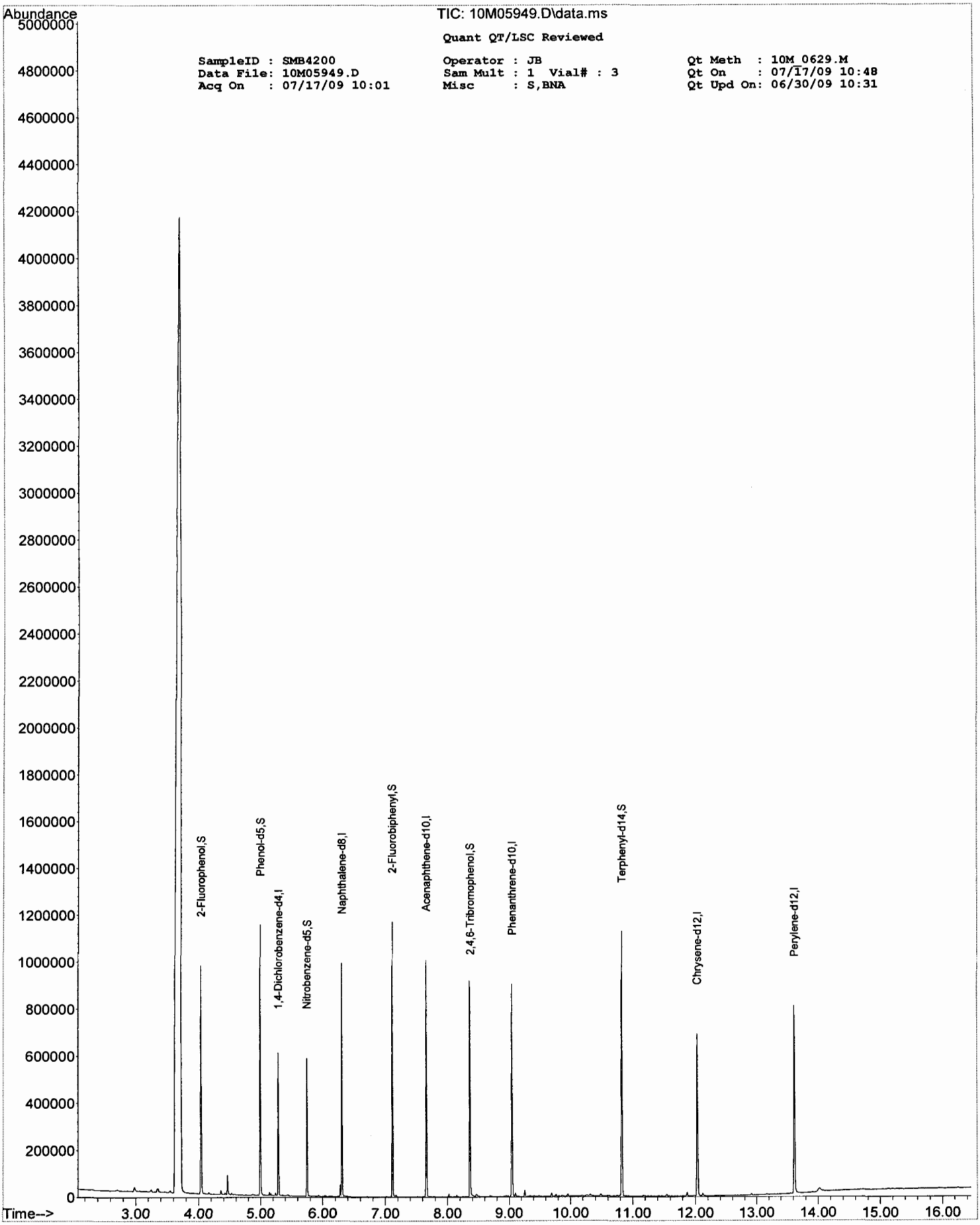
Quantitation Report (QT/LSC Reviewed)

SampleID : SMB4200 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05949.D Sam Mult : 1 Vial# : 3 Qt On : 07/17/09 10:48
Acq On : 07/17/09 10:01 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	87106	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	324167	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	182278	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	307142	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	263228	40.00	ng	-0.07
96) Perylene-d12	13.618	264	295280	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	260125	92.14	ng	-0.05
Spiked Amount 100.000			Recovery = 92.14%			
9) Phenol-d5	4.997	99	329544	87.75	ng	-0.04
Spiked Amount 100.000			Recovery = 87.75%			
24) Nitrobenzene-d5	5.751	128	69648	49.54	ng	-0.05
Spiked Amount 50.000			Recovery = 99.08%			
46) 2-Fluorobiphenyl	7.115	172	295401	47.95	ng	-0.06
Spiked Amount 50.000			Recovery = 95.90%			
70) 2,4,6-Tribromophenol	8.366	330	109992	111.71	ng	-0.06
Spiked Amount 100.000			Recovery = 111.71%			
84) Terphenyl-d14	10.827	244	383373	52.95	ng	-0.06
Spiked Amount 50.000			Recovery = 105.90%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 10M05949.D\data.ms
Quant QT/LSC Reviewed
SampleID : SMB4200
Data File: 10M05949.D
Acq On : 07/17/09 10:01
Operator : JB
Sam Mult : 1 Vial# : 3
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 10:48
Qt Upd On: 06/30/09 10:31
5000000
4800000
4600000
4400000
4200000
4000000
3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00

FORM 3

Spike Recovery

Batch Number: WMB4195
Mbs Name: WMB4195(MS)
Ns Name: AC45774-008
Ms Name: AC45774-009(MS:
Msd Name: AC45774-010(MSD

Mbs File: 9M19274.D
Non Spk'd File: 9M19276.D
Spike File: 9M19277.D
Spike Dup File: 9M19278.D
Matrix: Aqueous
Method: EPA 8270C

Mbs Date: 07/16/09 14:20
Non Spk'd Date: 07/16/09 15:06
Spike Date : 07/16/09 15:29
Spike Dup Date: 07/16/09 15:53

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	32	98	27	38.28	0.00	41.15	38.53	38	41	39	6.6
2-Chlorophenol	11	1	0	100	64	108	21	84.27	0.00	80.99	83.39	84	81	83	2.9
1,4-Dichlorobenzene	14	1	0	100	52	110	30	74.67	0.00	75.76	74.12	75	76	74	2.2
2-Methylphenol	18	1	0	100	58	113	25	80.88	0.00	80.16	81.62	81	80	82	1.8
N-Nitroso-di-n-propyla	21	1	0	100	49	118	14	96.12	0.00	94.06	91.91	96	94	92	2.3
2,4-Dimethylphenol	28	1	0	100	54	122	18	94.00	0.00	87.13	92.12	94	87	92	5.6
1,2,4-Trichlorobenzen	32	1	0	100	52	120	17	82.43	0.00	83.49	84.48	82	83	84	1.2
Naphthalene	33	1	0	100	61	116	16	85.10	0.00	85.97	86.87	85	86	87	1
4-Chloro-3-methylphe	37	1	0	100	71	119	16	105.13	0.00	103.45	102.82	105	103	103	0.61
Acenaphthene	55	1	0	100	75	110	14	91.25	0.00	91.20	91.65	91	91	92	0.49
2,4-Dinitrotoluene	59	1	0	100	64	120	13	112.89	0.00	109.69	112.74	113	110	113	2.7
4-Nitrophenol	60	1	0	100	35	116	41	49.65	0.00	53.97	50.27	50	54	50	7.1
Fluorene	62	1	0	100	73	113	14	95.73	0.00	93.82	94.39	96	94	94	0.61
Pentachlorophenol	75	1	0	100	76	140	31	112.16	0.00	110.21	114.23	112	110	114	3.6
Pyrene	82	1	0	100	76	118	13	86.27	0.00	88.48	89.86	86	88	90	1.5
Butylbenzylphthalate	88	1	0	100	66	127	12	96.12	0.00	97.45	97.08	96	97	97	0.38

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

SampleID : WMB4195(MS) Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19274.D Sam Mult : 1 Vial# : 7 Qt On : 07/16/09 14:37
Acq On : 07/16/09 14:20 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GCMSDATA\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	31776	40.00	ng	-0.17
23) Naphthalene-d8	6.639	136	123751	40.00	ng	-0.15
41) Acenaphthene-d10	8.056	164	80531	40.00	ng	-0.16
67) Phenanthrene-d10	9.484	188	155594	40.00	ng	-0.18
81) Chrysene-d12	12.501	240	172172	40.00	ng	-0.22
96) Perylene-d12	14.148	264	187970	40.00	ng	-0.19
System Monitoring Compounds						
4) 2-Fluorophenol	4.377	112	51517	53.08	ng	-0.19
Spiked Amount 100.000			Recovery = 53.08%			
9) Phenol-d5	5.296	99	51738	40.48	ng	-0.16
Spiked Amount 100.000			Recovery = 40.48%			
24) Nitrobenzene-d5	6.061	128	24808	48.35	ng	-0.17
Spiked Amount 50.000			Recovery = 96.70%			
46) 2-Fluorobiphenyl	7.484	172	111153	39.26	ng	-0.14
Spiked Amount 50.000			Recovery = 78.52%			
70) 2,4,6-Tribromophenol	8.784	330	41976	117.17	ng	-0.17
Spiked Amount 100.000			Recovery = 117.17%			
84) Terphenyl-d14	11.260	244	236249	50.63	ng	-0.21
Spiked Amount 50.000			Recovery = 101.26%			
Target Compounds						Qvalue
2) Pyridine	2.702	79	39887	40.95	ng	73
3) N-Nitrosodimethylamine	2.633	74	32956	65.26	ng	75
6) Aniline	5.382	93	78163	57.83	ng	57
8) bis(2-Chloroethyl)ether	5.382	93	78163	84.64	ng	82
10) Phenol	5.307	94	51756	38.28	ng	87
11) 2-Chlorophenol	5.425	128	90705	84.27	ng	75
13) 1,3-Dichlorobenzene	5.553	146	87514	72.45	ng	98
14) 1,4-Dichlorobenzene	5.623	146	93017	74.67	ng	98
15) 1,2-Dichlorobenzene	5.746	146	88930	76.85	ng	97
17) bis(2-chloroisopropyl)...	5.842	45	99423	85.88	ng	87
18) 2-Methylphenol	5.821	108	75680	80.88	ng	96
20) Hexachloroethane	6.024	117	33364	75.20	ng	80
21) N-Nitroso-di-n-propyla...	5.944	70	67033	96.12	ng	72
22) 3&4-Methylphenol	5.949	108	74327	77.19	ng	85
25) Nitrobenzene	6.077	77	95487	92.80	ng	82
26) Isophorone	6.275	82	169963	88.24	ng	81
27) 2-Nitrophenol	6.334	139	54884	103.46	ng	85
28) 2,4-Dimethylphenol	6.372	107	98913	94.00	ng	94
29) Benzoic Acid	6.441	105	27473	46.36	ng	88
30) bis(2-Chloroethoxy)met...	6.446	93	106274	91.81	ng	96
31) 2,4-Dichlorophenol	6.527	162	88818	98.72	ng	85
32) 1,2,4-Trichlorobenzene	6.591	180	85944	82.43	ng	98
33) Naphthalene	6.655	128	276437	85.10	ng	99
35) Hexachlorobutadiene	6.746	225	47805	79.24	ng	96
36) Caprolactam	7.067	113	2923	8.38	ng	11
37) 4-Chloro-3-methylphenol	7.067	107	93316	105.13	ng	73
43) Hexachlorocyclopentadiene	7.318	237	45533	75.78	ng	100
44) 2,4,6-Trichlorophenol	7.415	196	72375	102.63	ng	99
45) 2,4,5-Trichlorophenol	7.447	196	79810	101.93	ng	99
47) 2-Chloronaphthalene	7.586	162	207827	89.48	ng	93
51) 2-Nitroaniline	7.869	65	3492	4.68	ng	39
52) Acenaphthylene	7.939	152	343569	88.75	ng	99
53) Dimethylphthalate	7.816	163	276430	103.37	ng	99
54) 2,6-Dinitrotoluene	7.869	165	59733	104.62	ng	54
55) Acenaphthene	8.088	153	226417	91.25	ng	95
57) 2,4-Dinitrophenol	8.105	184	32702	120.75	ng	79
58) Dibenzofuran	8.345	168	19213	5.61	ng	30
59) 2,4-Dinitrotoluene	8.217	165	85739	112.89	ng	64
60) 4-Nitrophenol	8.147	65	21588	49.65	ng	77
61) 2,3,4,6-Tetrachlorophenol	8.345	232	70637	103.24	ng	83
62) Fluorene	8.554	166	270359	95.73	ng	99
63) 4-Chlorophenyl-phenyle...	8.548	204	131548	99.67	ng	83
64) Diethylphthalate	8.436	149	271078	99.52	ng	97
65) 4-Nitroaniline	8.554	138	3603	5.03	ng	17
66) Atrazine	9.281	200	10081	12.29	ng	35
68) 4,6-Dinitro-2-methylph...	8.591	198	51558	114.66	ng	100
69) n-Nitrosodiphenylamine	8.661	169	200975	73.82	ng	99
71) 1,2-Diphenylhydrazine	8.698	77	250484	86.62	ng	81
72) 4-Bromophenyl-phenylether	9.024	248	87258	100.58	ng	81
73) Hexachlorobenzene	9.083	284	90258	99.42	ng	68
75) Pentachlorophenol	9.281	266	57435	112.16	ng	97
76) Phenanthrene	9.511	178	453976	95.92	ng	100

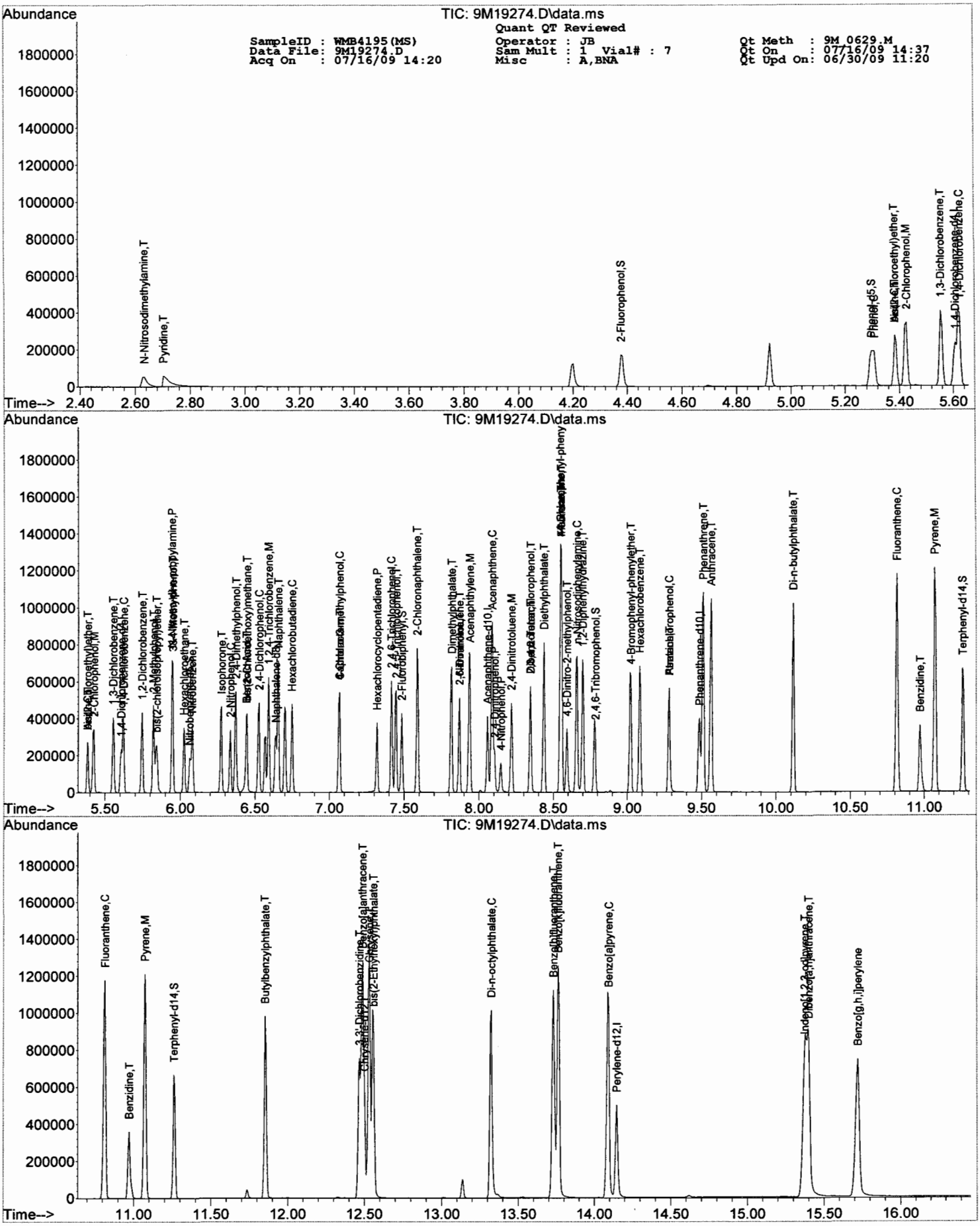
Quantitation Report (QT Reviewed)

SampleID : WMB4195(MS) Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19274.D Sam Mult : 1 Vial# : 7 Qt On : 07/16/09 14:37
Acq On : 07/16/09 14:20 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GCMSDATA\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Anthracene	9.565	178	438713	93.71	ng	99
79) Di-n-butylphthalate	10.116	149	526353	103.28	ng	97
80) Fluoranthene	10.816	202	535377	108.27	ng	86
82) Pyrene	11.073	202	547305	86.27	ng	85
83) Benzidine	10.971	184	147177	69.02	ng	85
88) Butylbenzylphthalate	11.854	149	255966	96.12	ng	70
92) 3,3'-Dichlorobenzidine	12.469	252	160517	101.15	ng	95
93) Benzo[a]anthracene	12.490	228	569184	93.30	ng	99
94) Chrysene	12.533	228	554779	93.22	ng	100
95) bis(2-Ethylhexyl)phtha...	12.560	149	352117	96.60	ng	94
97) Di-n-octylphthalate	13.325	149	622926	89.72	ng	100
98) Benzo[b]fluoranthene	13.731	252	547272	91.59	ng	93
99) Benzo[k]fluoranthene	13.763	252	568263	93.86	ng	93
100) Benzo[a]pyrene	14.095	252	540741	95.32	ng	91
101) Indeno[1,2,3-cd]pyrene	15.373	276	596366	103.11	ng	83
102) Dibenzo[a,h]anthracene	15.400	278	501372	104.99	ng	88
103) Benzo[g,h,i]perylene	15.721	276	496271	102.49	ng	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M19274.D\data.ms
Quant QT Reviewed
SampleID : WMB4195(MS)
Data File: 9M19274.D
Acq On : 07/16/09 14:20
Operator : JB
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 14:37
Qt Upd On: 06/30/09 11:20
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Time-->
Abundance
TIC: 9M19274.D\data.ms
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
Acenaphthylene,M
Acenaphthene-d10,I
Acenaphthene,C
Diethylphthalate,T
4,6-Dinitro-2-methylphenol,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Phenanthrene-d10,I
Phenanthrene,T
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Time-->
Abundance
TIC: 9M19274.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AC45774-009(MS:AC45 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19277.D Sam Mult : 1 Vial# : 10 Qt On : 07/16/09 15:57
Acq On : 07/16/09 15:29 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	34556	40.00	ng	-0.17
23) Naphthalene-d8	6.623	136	134718	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	86870	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	165013	40.00	ng	-0.21
81) Chrysene-d12	12.490	240	170824	40.00	ng	-0.23
96) Perylene-d12	14.084	264	179596	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.382	112	57789	54.76	ng	-0.18
Spiked Amount 100.000			Recovery = 54.76%			
9) Phenol-d5	5.296	99	61654	44.35	ng	-0.16
Spiked Amount 100.000			Recovery = 44.35%			
24) Nitrobenzene-d5	6.061	128	26501	47.45	ng	-0.17
Spiked Amount 50.000			Recovery = 94.90%			
46) 2-Fluorobiphenyl	7.447	172	102486	33.56	ng	-0.18
Spiked Amount 50.000			Recovery = 67.12%			
70) 2,4,6-Tribromophenol	8.746	330	43575	114.69	ng	-0.20
Spiked Amount 100.000			Recovery = 114.69%			
84) Terphenyl-d14	11.249	244	232518	50.22	ng	-0.22
Spiked Amount 50.000			Recovery = 100.44%			
Target Compounds						Qvalue
2) Pyridine	2.708	79	29346	27.70	ng	74
3) N-Nitrosodimethylamine	2.633	74	38185	69.53	ng	79
6) Aniline	5.382	93	84476	57.48	ng	56
8) bis(2-Chloroethyl)ether	5.382	93	84476	84.12	ng	81
10) Phenol	5.307	94	60506	41.15	ng	87
11) 2-Chlorophenol	5.425	128	94805	80.99	ng	75
13) 1,3-Dichlorobenzene	5.553	146	96858	73.74	ng	98
14) 1,4-Dichlorobenzene	5.623	146	102636	75.76	ng	98
15) 1,2-Dichlorobenzene	5.746	146	98864	78.56	ng	98
17) bis(2-chloroisopropyl)...	5.842	45	105263	83.61	ng	85
18) 2-Methylphenol	5.821	108	81568	80.16	ng	97
20) Hexachloroethane	6.024	117	36622	75.90	ng	70
21) N-Nitroso-di-n-propyla...	5.944	70	71336	94.06	ng	72
22) 3&4-Methylphenol	5.949	108	82894	79.16	ng	87
25) Nitrobenzene	6.077	77	104404	93.21	ng	79
26) Isophorone	6.270	82	181108	86.37	ng	82
27) 2-Nitrophenol	6.329	139	56307	97.50	ng	84
28) 2,4-Dimethylphenol	6.361	107	99802	87.13	ng	94
29) Benzoic Acid	6.436	105	28645	44.58	ng	87
30) bis(2-Chloroethoxy)met...	6.436	93	111631	88.59	ng	97
31) 2,4-Dichlorophenol	6.516	162	93827	95.80	ng	85
32) 1,2,4-Trichlorobenzene	6.580	180	94767	83.49	ng	97
33) Naphthalene	6.639	128	304021	85.97	ng	99
35) Hexachlorobutadiene	6.730	225	54708	83.30	ng	97
37) 4-Chloro-3-methylphenol	7.035	107	99963	103.45	ng	76
43) Hexachlorocyclopentadiene	7.281	237	51780	79.57	ng	99
44) 2,4,6-Trichlorophenol	7.382	196	76552	100.63	ng	99
45) 2,4,5-Trichlorophenol	7.409	196	86105	101.95	ng	99
47) 2-Chloronaphthalene	7.548	162	229396	91.56	ng	93
52) Acenaphthylene	7.896	152	371167	88.88	ng	99
53) Dimethylphthalate	7.773	163	290393	100.66	ng	99
54) 2,6-Dinitrotoluene	7.832	165	63382	102.91	ng	53
55) Acenaphthene	8.046	153	244100	91.20	ng	95
57) 2,4-Dinitrophenol	8.062	184	33246	114.91	ng	89
59) 2,4-Dinitrotoluene	8.179	165	89861	109.69	ng	59
60) 4-Nitrophenol	8.104	65	25315	53.97	ng	84
61) 2,3,4,6-Tetrachlorophenol	8.308	232	72459	98.17	ng	83
62) Fluorene	8.516	166	285817	93.82	ng	99
63) 4-Chlorophenyl-phenyle...	8.511	204	141527	99.41	ng	81
64) Diethylphthalate	8.393	149	287067	97.70	ng	98
68) 4,6-Dinitro-2-methylph...	8.554	198	52209	110.12	ng	100
69) n-Nitrosodiphenylamine	8.623	169	210675	72.96	ng	99
71) 1,2-Diphenylhydrazine	8.661	77	263864	86.04	ng	82
72) 4-Bromophenyl-phenylether	8.987	248	92597	100.65	ng	83
73) Hexachlorobenzene	9.051	284	94888	98.55	ng	67
75) Pentachlorophenol	9.249	266	59686	110.21	ng	99
76) Phenanthrene	9.479	178	479055	95.44	ng	100
77) Anthracene	9.532	178	455435	91.73	ng	99
79) Di-n-butylphthalate	10.094	149	532853	98.58	ng	97
80) Fluoranthene	10.800	202	557142	106.24	ng	85
82) Pyrene	11.062	202	556895	88.48	ng	82
83) Benzidine	10.955	184	47112	16.19	ng	84

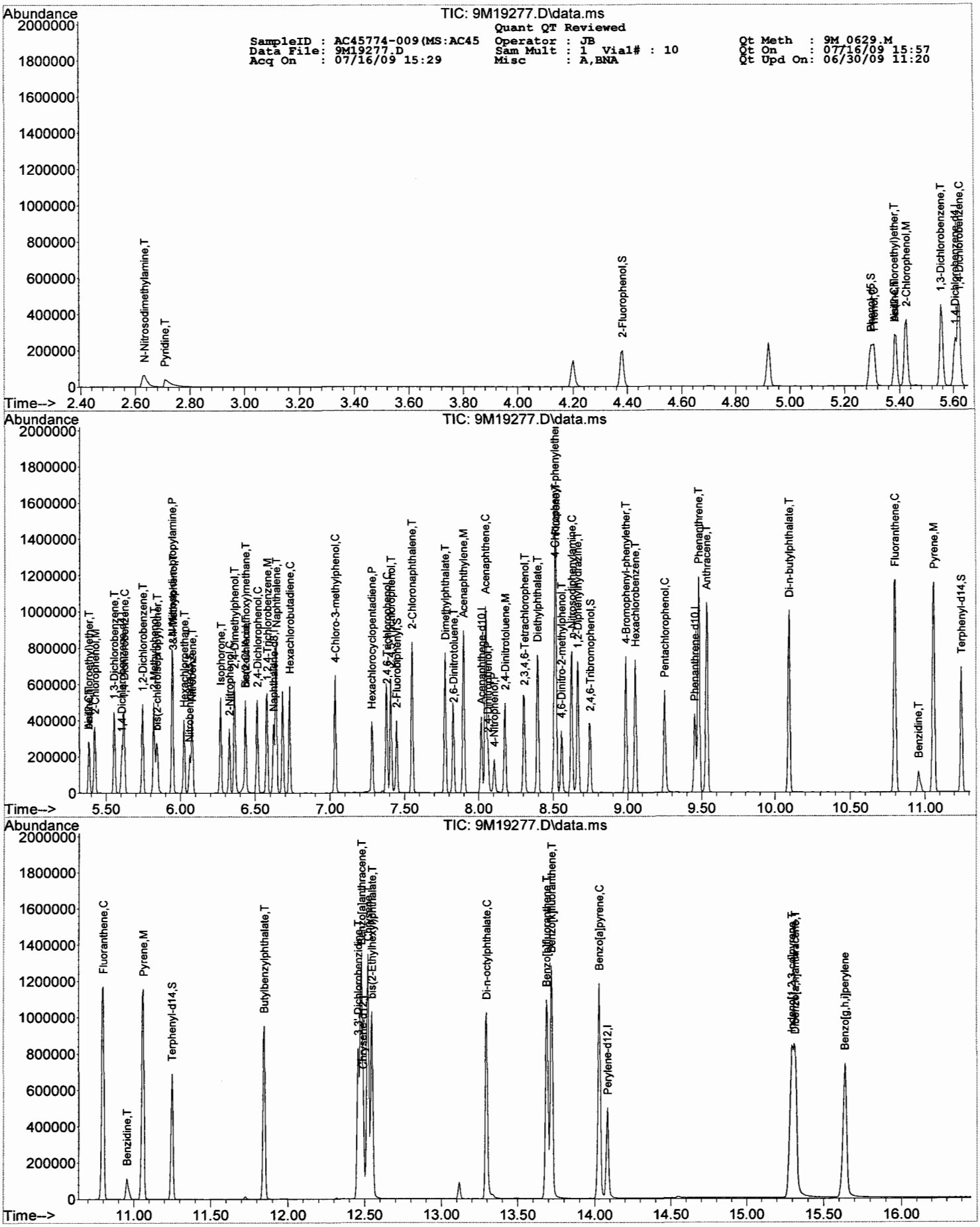
Quantitation Report (QT Reviewed)

SampleID : AC45774-009(MS:AC45 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19277.D Sam Mult : 1 Vial# : 10 Qt On : 07/16/09 15:57
Acq On : 07/16/09 15:29 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88)	Butylbenzylphthalate	11.848	149	257476	97.45	ng	65
92)	3,3'-Dichlorobenzidine	12.458	252	172013	109.25	ng	96
93)	Benzo[a]anthracene	12.480	228	567224	93.71	ng	99
94)	Chrysene	12.522	228	540794	91.59	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.549	149	348065	96.24	ng	94
97)	Di-n-octylphthalate	13.298	149	601174	90.63	ng	100
98)	Benzo[b]fluoranthene	13.688	252	521691	91.38	ng	94
99)	Benzo[k]fluoranthene	13.720	252	557494	96.38	ng	93
100)	Benzo[a]pyrene	14.031	252	525543	96.96	ng	91
101)	Indeno[1,2,3-cd]pyrene	15.298	276	558971	101.15	ng	96
102)	Dibenzo[a,h]anthracene	15.320	278	464300	101.76	ng	89
103)	Benzo[g,h,i]perylene	15.641	276	466528	100.84	ng	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 9M19277.D\data.ms
Quant QT Reviewed
SampleID : AC45774-009(MS:AC45
Data File: 9M19277.D
Acq On : 07/16/09 15:29
Operator : JB
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 15:57
Qt Upd On: 06/30/09 11:20
Abundance
Time-->
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
2-Chlorophenol,M
1,3-Dichlorobenzene,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
Dimethylphthalate,T
Acenaphthylene,M
Acenaphthene,C
2,4-Dinitrotoluene,M
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Pentachlorophenol,C
Phenanthrene,T
Anthracene,T
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Benzidine,T
Butylbenzylphthalate,T
Di-n-octylphthalate,C
Benzo[a]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene

Quantitation Report (QT Reviewed)

SampleID : AC45774-010(MSD:AC4 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19278.D Sam Mult : 1 Vial# : 11 Qt On : 07/16/09 16:15
Acq On : 07/16/09 15:53 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.607	152	37666	40.00	ng	-0.17
23) Naphthalene-d8	6.623	136	143358	40.00	ng	-0.17
41) Acenaphthene-d10	8.019	164	91097	40.00	ng	-0.19
67) Phenanthrene-d10	9.452	188	169548	40.00	ng	-0.21
81) Chrysene-d12	12.490	240	176648	40.00	ng	-0.23
96) Perylene-d12	14.084	264	187142	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	4.382	112	61453	53.42	ng	-0.18
Spiked Amount 100.000			Recovery = 53.42%			
9) Phenol-d5	5.297	99	62216	41.06	ng	-0.16
Spiked Amount 100.000			Recovery = 41.06%			
24) Nitrobenzene-d5	6.061	128	29328	49.34	ng	-0.17
Spiked Amount 50.000			Recovery = 98.68%			
46) 2-Fluorobiphenyl	7.447	172	121553	37.95	ng	-0.18
Spiked Amount 50.000			Recovery = 75.90%			
70) 2,4,6-Tribromophenol	8.746	330	47262	121.07	ng	-0.20
Spiked Amount 100.000			Recovery = 121.07%			
84) Terphenyl-d14	11.250	244	249653	52.14	ng	-0.22
Spiked Amount 50.000			Recovery = 104.28%			
Target Compounds						Qvalue
2) Pyridine	2.702	79	55388	47.97	ng	70
3) N-Nitrosodimethylamine	2.633	74	41777	69.79	ng	79
6) Aniline	5.388	93	90629	56.57	ng	56
8) bis(2-Chloroethyl)ether	5.388	93	90629	82.80	ng	78
10) Phenol	5.307	94	61746	38.53	ng	88
11) 2-Chlorophenol	5.425	128	106398	83.39	ng	77
13) 1,3-Dichlorobenzene	5.553	146	104608	73.06	ng	98
14) 1,4-Dichlorobenzene	5.623	146	109443	74.12	ng	98
15) 1,2-Dichlorobenzene	5.746	146	104924	76.49	ng	98
17) bis(2-chloroisopropyl)...	5.842	45	113389	82.63	ng	86
18) 2-Methylphenol	5.821	108	90531	81.62	ng	96
20) Hexachloroethane	6.024	117	39148	74.43	ng	71
21) N-Nitroso-di-n-propyla...	5.944	70	75983	91.91	ng	72
22) 3&4-Methylphenol	5.949	108	89248	78.19	ng	86
25) Nitrobenzene	6.077	77	110242	92.49	ng	78
26) Isophorone	6.270	82	192423	86.23	ng	82
27) 2-Nitrophenol	6.329	139	63889	103.96	ng	84
28) 2,4-Dimethylphenol	6.361	107	112293	92.12	ng	95
29) Benzoic Acid	6.436	105	30416	44.49	ng	86
30) bis(2-Chloroethoxy)met...	6.436	93	121326	90.48	ng	97
31) 2,4-Dichlorophenol	6.516	162	102018	97.89	ng	84
32) 1,2,4-Trichlorobenzene	6.580	180	102037	84.48	ng	96
33) Naphthalene	6.639	128	326900	86.87	ng	99
35) Hexachlorobutadiene	6.730	225	58845	84.20	ng	96
37) 4-Chloro-3-methylphenol	7.035	107	105720	102.82	ng	77
43) Hexachlorocyclopentadiene	7.281	237	56563	82.63	ng	100
44) 2,4,6-Trichlorophenol	7.383	196	82759	103.74	ng	98
45) 2,4,5-Trichlorophenol	7.409	196	91069	102.82	ng	100
47) 2-Chloronaphthalene	7.548	162	243119	92.54	ng	93
52) Acenaphthylene	7.896	152	396941	90.65	ng	99
53) Dimethylphthalate	7.773	163	304438	100.63	ng	99
54) 2,6-Dinitrotoluene	7.826	165	67154	103.97	ng	60
55) Acenaphthene	8.046	153	257254	91.65	ng	95
57) 2,4-Dinitrophenol	8.062	184	37475	122.06	ng	88
59) 2,4-Dinitrotoluene	8.179	165	96859	112.74	ng	58
60) 4-Nitrophenol	8.105	65	24725	50.27	ng	81
61) 2,3,4,6-Tetrachlorophenol	8.308	232	79252	102.39	ng	82
62) Fluorene	8.516	166	301544	94.39	ng	99
63) 4-Chlorophenyl-phenyle...	8.511	204	148218	99.27	ng	82
64) Diethylphthalate	8.393	149	300229	97.44	ng	98
68) 4,6-Dinitro-2-methylph...	8.554	198	57334	116.71	ng	100
69) n-Nitrosodiphenylamine	8.623	169	224669	75.73	ng	99
71) 1,2-Diphenylhydrazine	8.661	77	279594	88.73	ng	82
72) 4-Bromophenyl-phenylether	8.987	248	97954	103.62	ng	84
73) Hexachlorobenzene	9.051	284	99974	101.06	ng	67
75) Pentachlorophenol	9.249	266	63939	114.23	ng	96
76) Phenanthrene	9.479	178	501073	97.16	ng	100
77) Anthracene	9.533	178	486212	95.31	ng	99
79) Di-n-butylphthalate	10.094	149	564401	101.63	ng	97
80) Fluoranthene	10.800	202	581339	107.89	ng	85
82) Pyrene	11.062	202	584896	89.86	ng	82
83) Benzidine	10.955	184	125580	50.83	ng	84

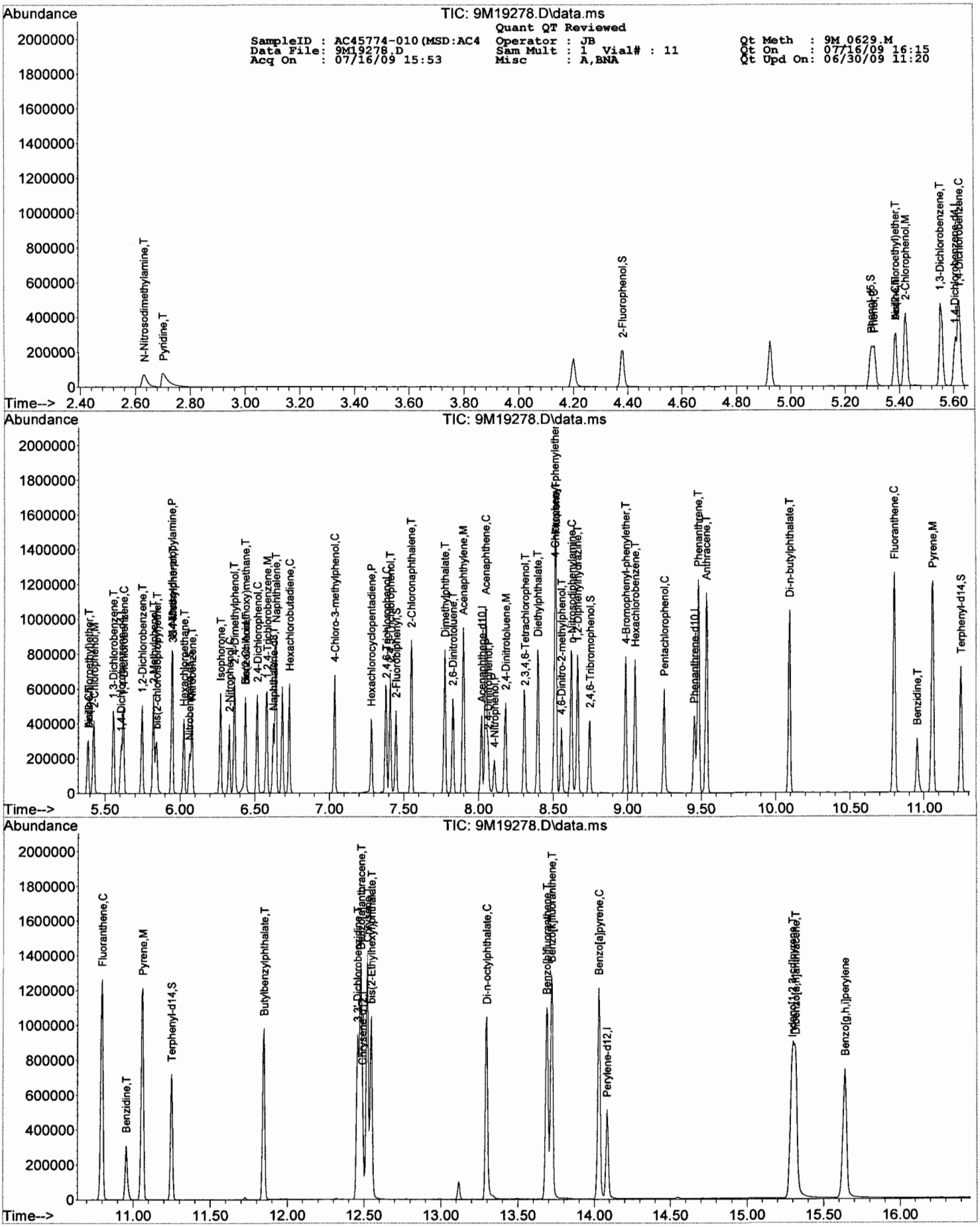
Quantitation Report (QT Reviewed)

SampleID : AC45774-010(MSD:AC4 Operator : JB Qt Meth : 9M_0629.M
Data File: 9M19278.D Sam Mult : 1 Vial# : 11 Qt On : 07/16/09 16:15
Acq On : 07/16/09 15:53 Misc : A,BNA Qt Upd On: 06/30/09 11:20

Data Path : G:\GcMsData\2009\GCMS_9\Data\07-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88)	Butylbenzylphthalate	11.849	149	265235	97.08	ng	65
92)	3,3'-Dichlorobenzidine	12.458	252	191390	117.55	ng	96
93)	Benzo[a]anthracene	12.480	228	585349	93.52	ng	99
94)	Chrysene	12.523	228	568191	93.06	ng	99
95)	bis(2-Ethylhexyl)phtha...	12.549	149	356812	95.41	ng	95
97)	Di-n-octylphthalate	13.298	149	627912	90.84	ng	100
98)	Benzo[b]fluoranthene	13.689	252	544916	91.60	ng	94
99)	Benzo[k]fluoranthene	13.721	252	581424	96.46	ng	94
100)	Benzo[a]pyrene	14.031	252	545103	96.52	ng	92
101)	Indeno[1,2,3-cd]pyrene	15.299	276	581632	101.01	ng	83
102)	Dibenzo[a,h]anthracene	15.320	278	487697	102.58	ng	89
103)	Benzo[g,h,i]perylene	15.641	276	480407	99.65	ng	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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Quant QT Reviewed
SampleID : AC45774-010(MSD:AC4
Data File: 9M19278.D
Acq On : 07/16/09 15:53
Operator : JB
Sam Mult : 1 Vial# : 11
Misc : A,BNA
Qt Meth : 9M_0629.M
Qt On : 07/16/09 16:15
Qt Upd On: 06/30/09 11:20
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Phenol-d5,S
2-Chlorophenol,M
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 9M19278.D\data.ms
Isophorone,T
2-Nitrophenol,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
Hexachlorobutadiene,C
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,P
2-Chloronaphthalene,T
2-Fluorobiphenyl,S
Dimethylphthalate,T
2,6-Dinitrotoluene,T
Acenaphthylene,M
Acenaphthene,C
Acenaphthene-d10,I
4-Nitrophenol,P
2,4-Dinitrotoluene,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Chlorophenyl-phenylether,T
4,6-Dinitro-2-methylphenol,T
N-Nitrosodiphenylamine,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Pentachlorophenol,C
Phenanthrene,T
Anthracene,T
Phenanthrene-d10,I
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Time-->

Abundance
TIC: 9M19278.D\data.ms
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
3,3'-Dichlorobenzidine,T
Benzo[a]anthracene,T
Chrysene-d12,I
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

FORM 3

Spike Recovery

Batch Number: SMB4200
Mbs Name: SMB4200(MS)
Ns Name: AC45774-005
Ms Name: AC45774-006(MS:
Msd Name: AC45774-007(MSD

Mbs File: 10M05950.D
Non Spk'd File: 10M05951.D
Spike File: 10M05952.D
Spike Dup File: 10M05953.D
Matrix: Soil
Method: EPA 8270C

Mbs Date: 07/17/09 10:23
Non Spk'd Date: 07/17/09 10:45
Spike Date : 07/17/09 11:08
Spike Dup Date: 07/17/09 11:30

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	10	1	0	100	35	130	31	87.70	0.00	79.00	76.51	88	79	77	3.2
2-Chlorophenol	11	1	0	100	43	131	32	94.80	0.00	85.20	81.98	95	85	82	3.9
1,4-Dichlorobenzene	14	1	0	50	26	128	41	43.40	0.00	39.34	37.62	87	79	75	4.5
2-Methylphenol	18	1	0	100	40	137	32	89.86	0.00	80.26	77.45	90	80	77	3.6
N-Nitroso-di-n-propyla	21	1	0	50	23	147	39	44.70	0.00	39.37	38.01	89	79	76	3.5
2,4-Dimethylphenol	28	1	0	100	47	135	32	97.49	0.00	89.67	86.38	97	90	86	3.7
1,2,4-Trichlorobenzen	32	1	0	50	40	129	39	47.45	0.00	44.03	41.50	95	88	83	5.9
Naphthalene	33	1	0	50	44	132	41	50.30	0.00	45.92	44.31	101	92	89	3.6
4-Chloro-3-methylphe	37	1	0	100	45	142	32	95.82	0.00	86.47	83.80	96	86	84	3.1
Acenaphthene	55	1	0	50	47	137	58	53.59	0.00	49.72	47.73	107	99	95	4.1
2,4-Dinitrotoluene	59	1	0	50	30	139	47	59.00	0.00	52.49	49.98	118	105	100	4.9
4-Nitrophenol	60	1	0	100	35	146	36	98.87	0.00	92.73	89.93	99	93	90	3.1
Fluorene	62	1	0	50	42	135	43	53.50	0.00	48.79	46.79	107	98	94	4.2
Pentachlorophenol	75	1	0	100	38	132	37	96.26	0.00	78.87	82.16	96	79	82	4.1
Pyrene	82	1	0	50	45	167	53	53.47	0.00	47.20	47.23	107	94	94	0.06
Butylbenzylphthalate	88	1	0	50	45	157	40	54.46	0.00	48.05	47.76	109	96	96	0.61

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

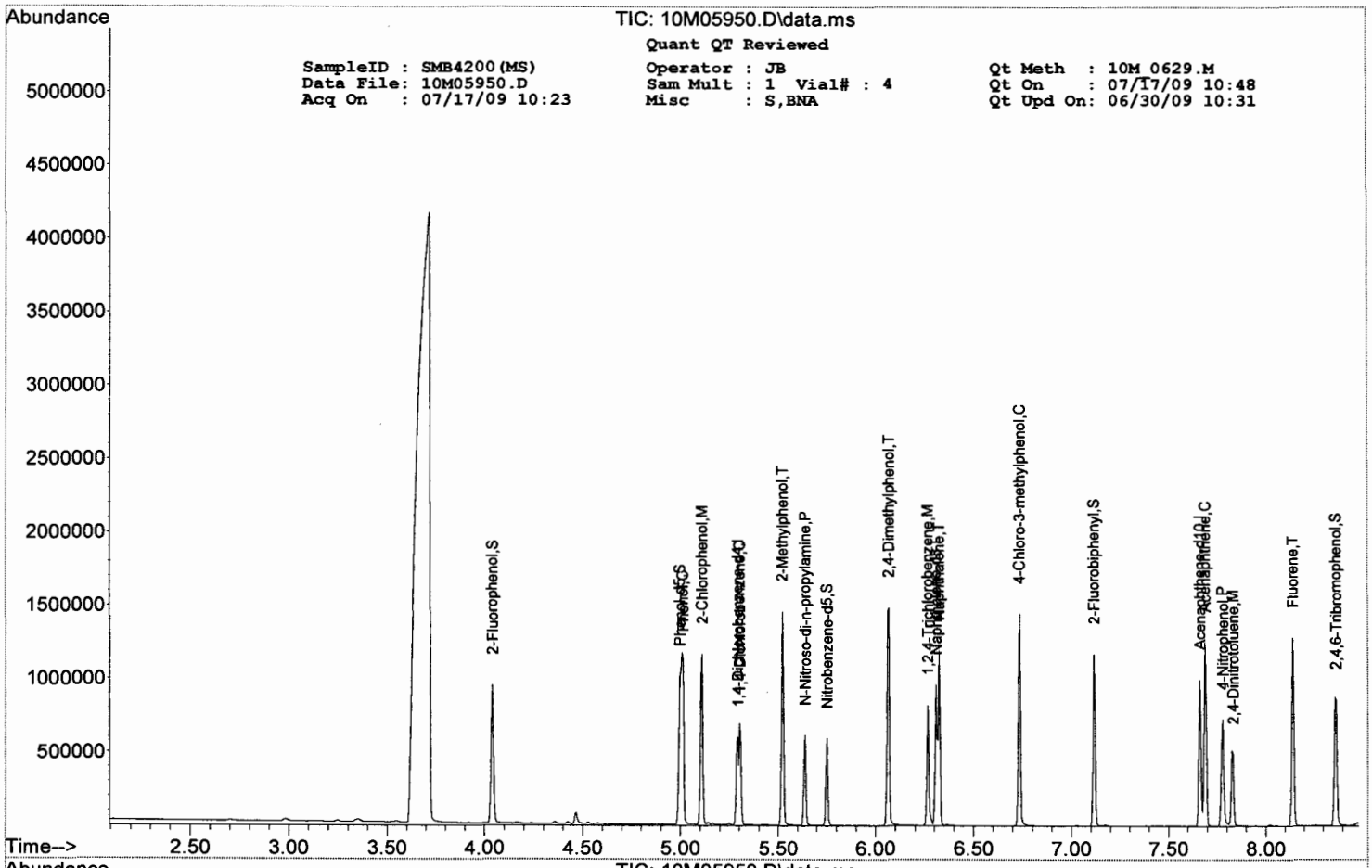
Quantitation Report (QT Reviewed)

SampleID : SMB4200(MS) Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05950.D Sam Mult : 1 Vial# : 4 Qt On : 07/17/09 10:48
Acq On : 07/17/09 10:23 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GCMSDATA\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	81779	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	313270	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	176126	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	299198	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	256945	40.00	ng	-0.07
96) Perylene-d12	13.619	264	284782	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	249163	94.01	ng	-0.05
Spiked Amount 100.000			Recovery = 94.01%			
9) Phenol-d5	4.997	99	319526	90.62	ng	-0.04
Spiked Amount 100.000			Recovery = 90.62%			
24) Nitrobenzene-d5	5.751	128	66788	49.16	ng	-0.05
Spiked Amount 50.000			Recovery = 98.32%			
46) 2-Fluorobiphenyl	7.115	172	292317	49.11	ng	-0.06
Spiked Amount 50.000			Recovery = 98.22%			
70) 2,4,6-Tribromophenol	8.366	330	110530	115.24	ng	-0.06
Spiked Amount 100.000			Recovery = 115.24%			
84) Terphenyl-d14	10.827	244	375738	53.16	ng	-0.06
Spiked Amount 50.000			Recovery = 106.32%			
Target Compounds						Qvalue
10) Phenol	5.013	94	311535	87.70	ng	82
11) 2-Chlorophenol	5.109	128	276955	94.80	ng	75
14) 1,4-Dichlorobenzene	5.301	146	137273	43.40	ng	97
18) 2-Methylphenol	5.521	108	234432	89.86	ng	94
21) N-Nitroso-di-n-propyla...	5.638	70	88256	44.70	ng	84
28) 2,4-Dimethylphenol	6.066	107	249133	97.49	ng	82
32) 1,2,4-Trichlorobenzene	6.264	180	119047	47.45	ng	97
33) Naphthalene	6.323	128	389343	50.30	ng	100
37) 4-Chloro-3-methylphenol	6.735	107	217946	95.82	ng	63
55) Acenaphthene	7.687	153	256957	53.59	ng	98
59) 2,4-Dinitrotoluene	7.831	165	88395	59.00	ng	56
60) 4-Nitrophenol	7.778	65	91625	98.87	ng	83
62) Fluorene	8.142	166	301877	53.50	ng	99
75) Pentachlorophenol	8.858	266	108386	96.26	ng	95
78) Carbazole	9.302	167	415313	48.22	ng	98
82) Pyrene	10.623	202	491482	53.47	ng	88
88) Butylbenzylphthalate	11.420	149	228049	54.46	ng	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : SMB4200(MS)
Data File: 10M05950.D
Acq On : 07/17/09 10:23
Operator : JB
Sam Mult : 1 Vial# : 4
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 10:48
Qt Upd On: 06/30/09 10:31
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
4-Nitrophenol,M
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Time-->
2.50
3.00
3.50
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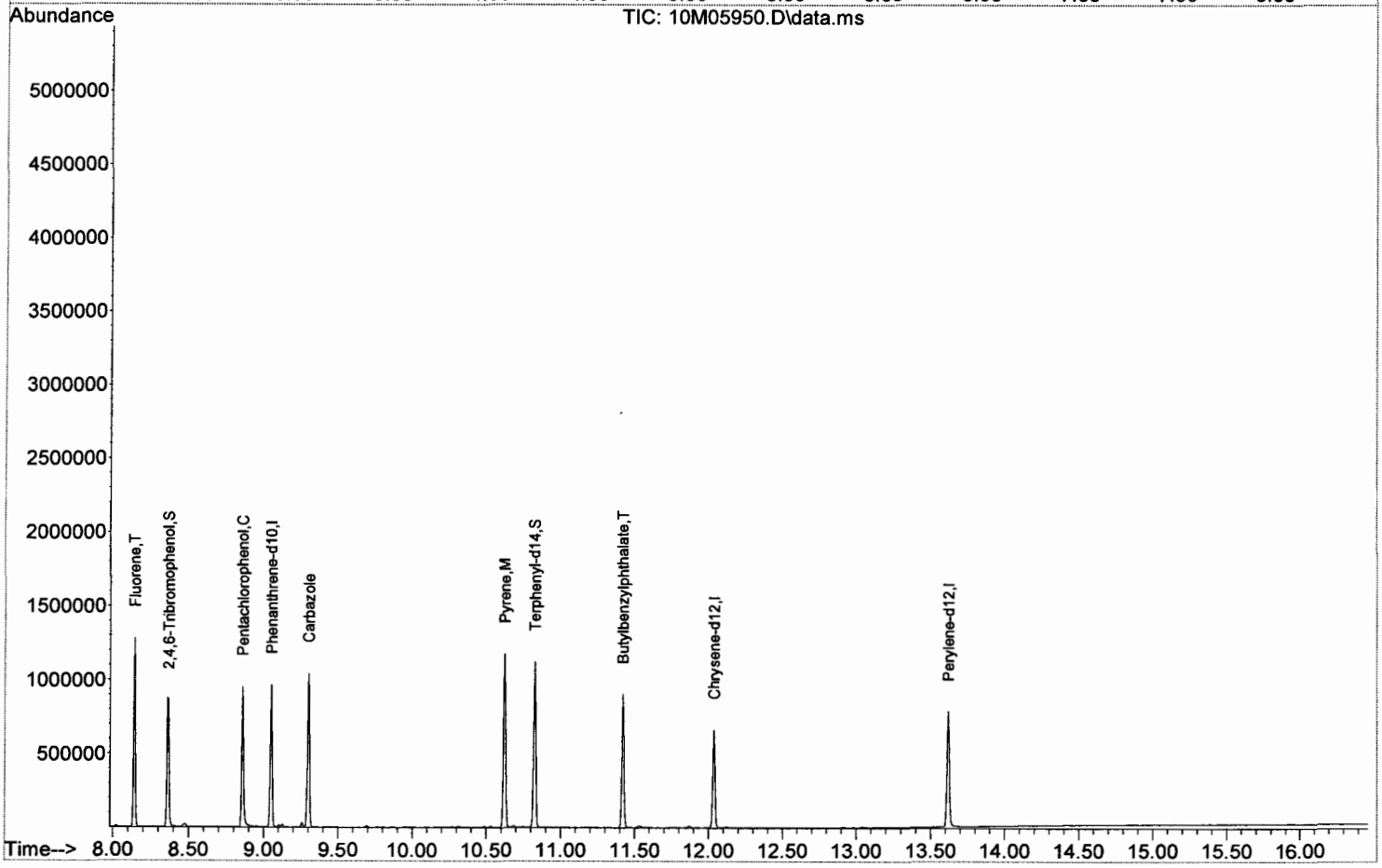
5.50
6.00
6.50
7.00
7.50
8.00


Abundance
TIC: 10M05950.D\data.ms
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
Perylene-d12,I
Time-->
8.00
8.50
9.00
9.50
10.00
10.50
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00

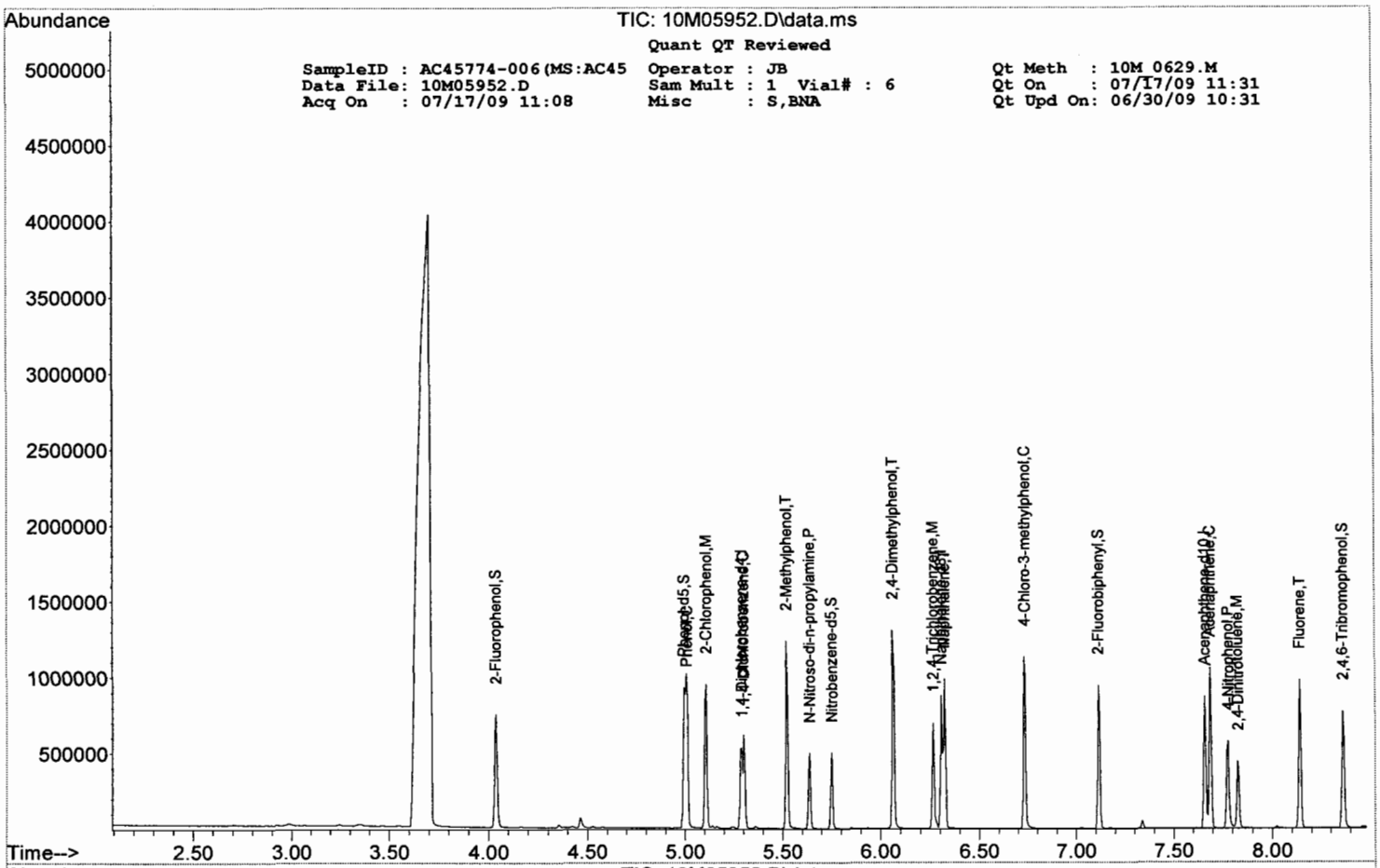
Quantitation Report (QT Reviewed)

SampleID : AC45774-006(MS:AC45 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05952.D Sam Mult : 1 Vial# : 6 Qt On : 07/17/09 11:31
Acq On : 07/17/09 11:08 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	75982	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	281570	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	155481	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	258853	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	234750	40.00	ng	-0.07
96) Perylene-d12	13.618	264	273969	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	206750	83.96	ng	-0.05
Spiked Amount 100.000			Recovery = 83.96%			
9) Phenol-d5	4.996	99	264607	80.77	ng	-0.04
Spiked Amount 100.000			Recovery = 80.77%			
24) Nitrobenzene-d5	5.751	128	55775	45.68	ng	-0.05
Spiked Amount 50.000			Recovery = 91.36%			
46) 2-Fluorobiphenyl	7.114	172	237821	45.26	ng	-0.06
Spiked Amount 50.000			Recovery = 90.52%			
70) 2,4,6-Tribromophenol	8.361	330	89012	107.27	ng	-0.06
Spiked Amount 100.000			Recovery = 107.27%			
84) Terphenyl-d14	10.826	244	307183	47.57	ng	-0.06
Spiked Amount 50.000			Recovery = 95.14%			
Target Compounds						Qvalue
10) Phenol	5.012	94	260725	79.00	ng	81
11) 2-Chlorophenol	5.109	128	231262	85.20	ng	75
14) 1,4-Dichlorobenzene	5.301	146	115601	39.34	ng	97
18) 2-Methylphenol	5.521	108	194556	80.26	ng	96
21) N-Nitroso-di-n-propyla...	5.638	70	72226	39.37	ng	84
28) 2,4-Dimethylphenol	6.061	107	205964	89.67	ng	87
32) 1,2,4-Trichlorobenzene	6.264	180	99281	44.03	ng	97
33) Naphthalene	6.323	128	321096	45.92	ng	99
37) 4-Chloro-3-methylphenol	6.735	107	176773	86.47	ng	64
55) Acenaphthene	7.687	153	211430	49.72	ng	97
59) 2,4-Dinitrotoluene	7.826	165	69432	52.49	ng	69
60) 4-Nitrophenol	7.778	65	75857	92.73	ng	82
62) Fluorene	8.141	166	245478	48.79	ng	97
75) Pentachlorophenol	8.858	266	76720	78.87	ng	97
78) Carbazole	9.302	167	335167	44.98	ng	97
82) Pyrene	10.623	202	396339	47.20	ng	88
88) Butylbenzylphthalate	11.420	149	183849	48.05	ng	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed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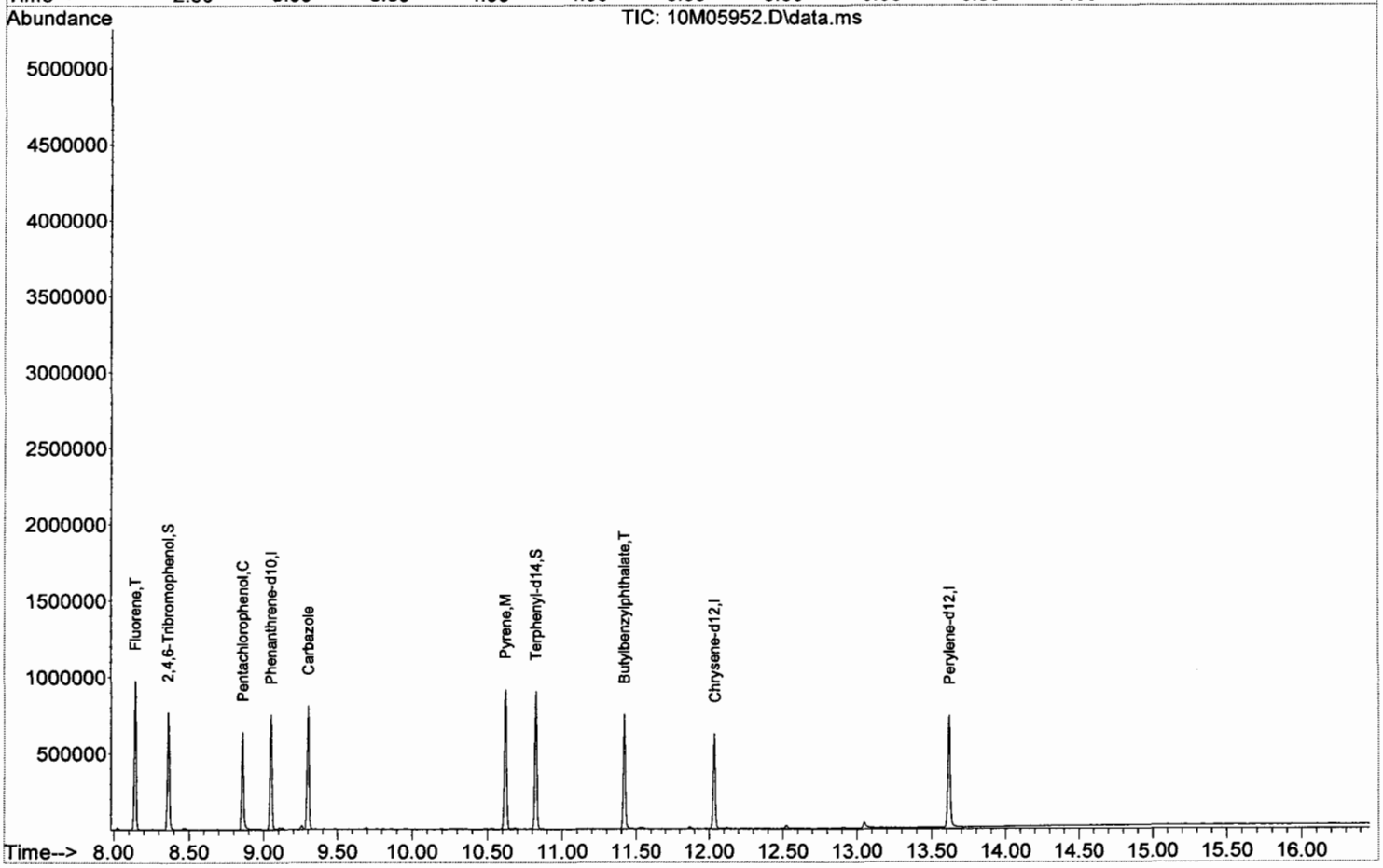
Quant QT Reviewed
SampleID : AC45774-006(MS:AC45
Data File: 10M05952.D
Acq On : 07/17/09 11:08
Operator : JB
Sam Mult : 1 Vial# : 6
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 11:31
Qt Upd On: 06/30/09 10:31
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
Fluorene,T
2,4,6-Tribromophenol,S
Time-->


Abundance
TIC: 10M05952.D\data.ms
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
Perylene-d12,I
Time-->

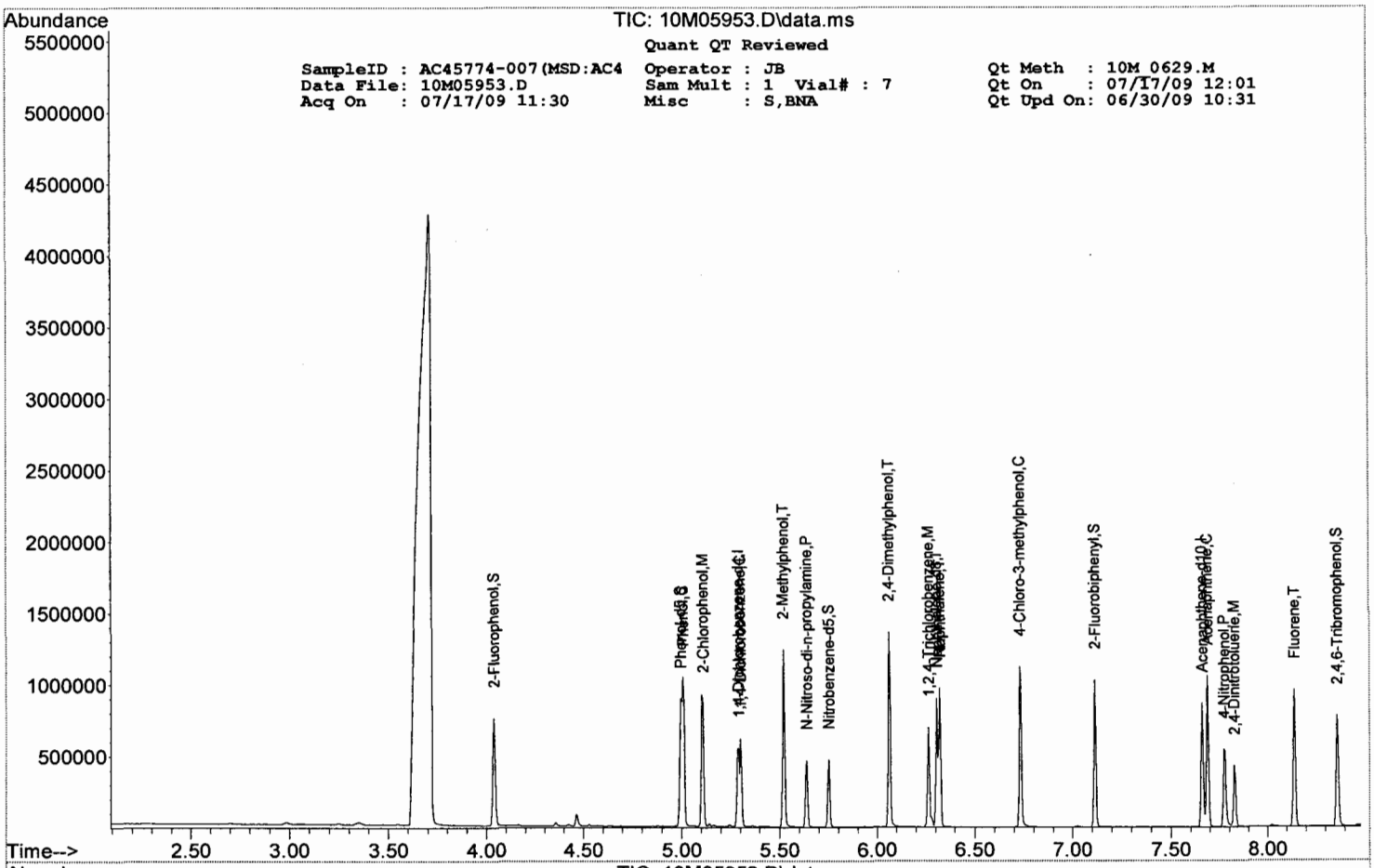
Quantitation Report (QT Reviewed)

SampleID : AC45774-007(MSD:AC4 Operator : JB Qt Meth : 10M_0629.M
Data File: 10M05953.D Sam Mult : 1 Vial# : 7 Qt On : 07/17/09 12:01
Acq On : 07/17/09 11:30 Misc : S,BNA Qt Upd On: 06/30/09 10:31

Data Path : G:\GcMsData\2009\GCMS_10\Data\07-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.291	152	77631	40.00	ng	-0.05
23) Naphthalene-d8	6.307	136	288154	40.00	ng	-0.05
41) Acenaphthene-d10	7.660	164	159649	40.00	ng	-0.06
67) Phenanthrene-d10	9.051	188	260384	40.00	ng	-0.06
81) Chrysene-d12	12.035	240	234178	40.00	ng	-0.07
96) Perylene-d12	13.618	264	269210	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	4.039	112	206605	82.12	ng	-0.05
Spiked Amount 100.000			Recovery = 82.12%			
9) Phenol-d5	4.997	99	262955	78.56	ng	-0.04
Spiked Amount 100.000			Recovery = 78.56%			
24) Nitrobenzene-d5	5.751	128	54848	43.89	ng	-0.05
Spiked Amount 50.000			Recovery = 87.78%			
46) 2-Fluorobiphenyl	7.115	172	236065	43.75	ng	-0.06
Spiked Amount 50.000			Recovery = 87.50%			
70) 2,4,6-Tribromophenol	8.361	330	88797	106.38	ng	-0.06
Spiked Amount 100.000			Recovery = 106.38%			
84) Terphenyl-d14	10.827	244	304290	47.24	ng	-0.06
Spiked Amount 50.000			Recovery = 94.48%			
Target Compounds						Qvalue
10) Phenol	5.007	94	257983	76.51	ng	85
11) 2-Chlorophenol	5.109	128	227373	81.98	ng	74
14) 1,4-Dichlorobenzene	5.301	146	112973	37.62	ng	97
18) 2-Methylphenol	5.521	108	191804	77.45	ng	94
21) N-Nitroso-di-n-propyla...	5.638	70	71236	38.01	ng	83
28) 2,4-Dimethylphenol	6.061	107	203045	86.38	ng	86
32) 1,2,4-Trichlorobenzene	6.264	180	95768	41.50	ng	97
33) Naphthalene	6.323	128	317687	44.31	ng	100
37) 4-Chloro-3-methylphenol	6.729	107	175321	83.80	ng	73
55) Acenaphthene	7.687	153	208887	47.73	ng	97
59) 2,4-Dinitrotoluene	7.826	165	67878	49.98	ng	66
60) 4-Nitrophenol	7.772	65	75542	89.93	ng	93
62) Fluorene	8.142	166	242761	46.79	ng	97
75) Pentachlorophenol	8.858	266	80421	82.16	ng	95
78) Carbazole	9.302	167	336817	44.94	ng	97
82) Pyrene	10.623	202	395622	47.23	ng	87
88) Butylbenzylphthalate	11.420	149	182288	47.76	ng	69

(#) = qualifier out of range (m) = manual integration (+) = signals summed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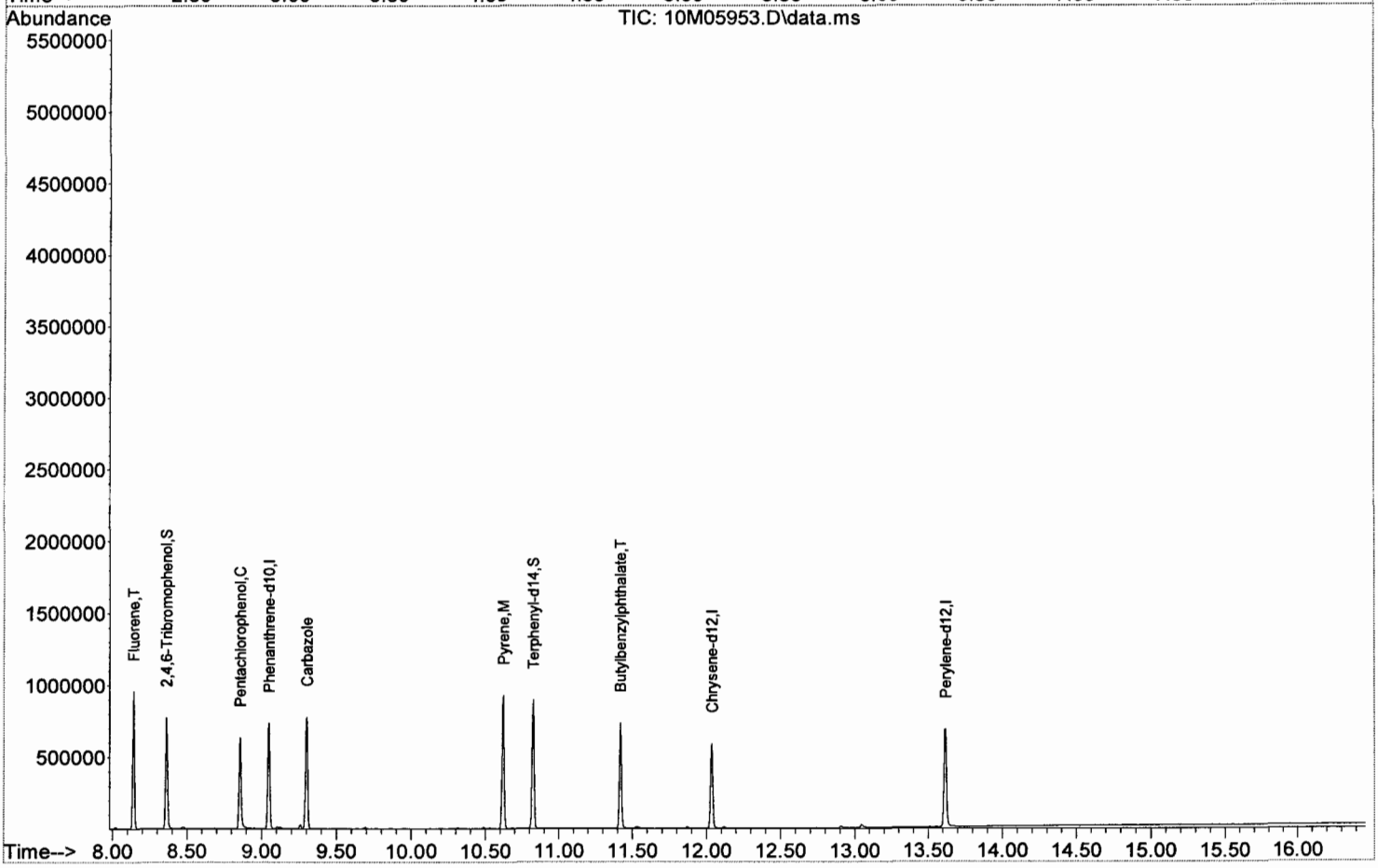
Quant QT Reviewed
SampleID : AC45774-007(MSD:AC4
Data File: 10M05953.D
Acq On : 07/17/09 11:30
Operator : JB
Sam Mult : 1 Vial# : 7
Misc : S,BNA
Qt Meth : 10M_0629.M
Qt On : 07/17/09 12:01
Qt Upd On: 06/30/09 10:31
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Time-->


Abundance
TIC: 10M05953.D\data.ms
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
Perylene-d12,I
Time-->

GC/MS Semi-Volatile Data
Logbook Data

Hampton-Clarke/Veritech

Extraction of Semi-volatile - Aqueous
Method 3510 C

Method Blank No. WMB- 4195 Date: 07/16/09
Blank Spike (MBS): 4195 Matrix Spike: 45774-009;010

Sample Number	Number in Batch	Initial Volume	Final Volume	Fraction			Extracted By/ Comments	Ext. by	TCLP QC	Extract Fluid
				BN	BNA	AE				
MB 4195	X	1000 ml	1.0 ml		X			JH	45575	SPLP
MBS 4195	X	↓							-001	FLUID
MS45774-009	X	900								V-69396
MSD45774-010	X	950								
45774-008	1	920								
45774-011	2	900								
45774-012	3	950								
45774-013	4	900								
45774-014	5	970								
45774-016	6	910								
45774-017	7	990	↓		↓			↓		
45761-001	R	500	0.5 ml				1/2 SURR			
45761-003	R						" "			
45761-004	R	↓	↓		↓		" "	↓		
45744-001	8	1000 ml	1.0 ml	X				KR	14	1
45744-002	9	940 ml							15	2
45744-003	10	930 ml							16	3
45744-004	11	920 ml							17	4
45744-005	12	920 ml							18	5
45744-006	13	930 ml							19	6
45744-007	14	1000 ml							20	7
EF-SPLP V-69396	X	1000 ml	↓	↓				↓		

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	20000	4210	BN SPK
		4209	ACID COMP
↓	↓	68654	PYRIDINE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10000/2000	59624	BN SURR

Reagent Lots: MeCL2 4189 Acetone _____ Hexane _____ Na2SO4 4146

Other _____

Relinquished By: JH, KR Date: 07/16/09
Received By: SPK Date: 07/16/09
07/17/09

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Hampton-Clarke/Veritech

Analysis: BN/ BNA / AE

Method Blank No. SMB- 4200
Blank Spike (SMBS): 4200
Blank Spike (SMBS): _____

Date: 7/16/09
Matrix Spike: 45774-006; 007
Matrix Spike: _____

SONICATION EXTRACTION (3550B) UNLESS CHECKED HERE: ASE (3545)_____

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Extracted By/Comments
MB 4200	x	30.0g	1.0 ml				mp
MBS 4200	x						
MS 45774-006	x						
MSD 45774-007	x						
45774-005	1						
45774-015	2						
45774-001	3						
45774-002	4						
45774-004	5						
45774-003	6						
45775-001	7						
45775-005	8						
45775-006	9						
45783-001	10						
45786-002	11	↓	↓		↓		↓

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	various	V-5553S	BN SPK

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V-59624	BN SURR

Reagent Lots: MeCL2 V-4189 Acetone V-4091 Hexane _____ Na2SO4 4146 Ether _____ MTBE _____ Other _____

Relinquished By: Monae Rich Date: 7/16/09
Received By: AO Date: 7/17/09

RUN LOG

Instrument: GCMS_9 Year: 2009 0668
Analyst: AHD

1-1-9M18894

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M18894.	CAL DFTPP	Ed1=1;Oc	OK,V-62911	AHD		Aqueous	1	1		06/29 08:15
9M18895.	CAL BNA@50PPM	IsC16	NOT USED	AHD		Aqueous	1	1	625 8270	06/29 08:40
9M18896.	CAL BNA@196PPM	Oc	OK,V-68628	AHD		Aqueous	1	1	625 8270	06/29 09:28
9M18897.	CAL BNA@160PPM		OK,V-68627	AHD		Aqueous	1	1	625 8270	06/29 09:51
9M18898.	CAL BNA@120PPM		OK,V-68626	AHD		Aqueous	1	1	625 8270	06/29 10:15
9M18899.	CAL BNA@80PPM		OK,V-68625	AHD		Aqueous	1	1	625 8270	06/29 10:39
9M18900.	CAL BNA@20PPM		OK,V-68623	AHD		Aqueous	1	1	625 8270	06/29 11:03
9M18901.	CAL BNA@10PPM		OK,V-68622	AHD		Aqueous	1	1	625 8270	06/29 11:27
9M18902.	CAL BNA@2PPM		OK,V-68630	AHD		Aqueous	1	1	625 8270	06/29 11:51
9M18903.	CAL BNA@50PPM		OK,V-68624	AHD		Aqueous	1	1	625 8270	06/29 12:14
9M18904.	ICV BNA@50PPM		OK,V-68632	AHD		Aqueous	1	1	625 8270	06/29 12:38
9M18905.	WMB4177		OK	AHD		Aqueous	1	1	625 8270	06/29 13:04
9M18906.	WMB4177(MS)		OK WMB4177	AHD		Aqueous	1	1	625 8270	06/29 13:28
9M18907.	AC45531-001		OK WMB4177	AHD	BNA-8270	Aqueous	1	1	8270	06/29 13:52
9M18908.	AC45531-001(MS)		OK WMB4177	AHD	BNA-8270	Aqueous	1	1	625 8270	06/29 14:16
9M18909.	PYRIDINE TEST(V-68		OK	AHD		Aqueous	1	1	625 8270	06/29 14:40
9M18910.	AC45531-001(MSD)		OK WMB4177	AHD	BNA-8270	Aqueous	1	1	625 8270	06/29 15:04
9M18911.	AC45504-003(3X)		OK	AHD	BN15-625	Aqueous	3	3	625	06/29 15:28
9M18912.	WMB4178(MS)		OK WMB4178	AHD		Aqueous	1	1	625 8270	06/29 15:53
9M18913.	WMB4178		OK	AHD		Aqueous	1	1	625 8270	06/29 16:17
9M18914.	AC45515-002		OK WMB4178	AHD	BN15-625	Aqueous	1	1	625	06/29 16:42
9M18915.	AC45515-002(MS)		OK WMB4178	AHD	BN15-625	Aqueous	1	1	625 8270	06/29 17:06
9M18916.	AC45515-002(MSD)		OK WMB4178	AHD	BN15-625	Aqueous	1	1	625 8270	06/29 17:31
9M18917.	AC45537-004		OK	AHD	BN15-625	Aqueous	1	1	625	06/29 17:55
9M18918.	AC45518-004		OK,RE-EXTRACT	AHD	BN15-625	Aqueous	1	1	625	06/29 18:19
9M18919.	AC45537-002	Oc	RR 2X	AHD	BN15-625	Aqueous	1	1	625	06/29 18:43
9M18920.	AC45515-001		OK	AHD	BN15-625	Aqueous	1	1	625	06/29 19:08
9M18921.	AC45534-001		OK	AHD	BN15-625	Aqueous	1	1	625	06/29 19:32
9M18922.	AC45497-001		OK	AHD	BN15-625	Aqueous	1	1	625	06/29 19:56
9M18923.	AC45497-002		OK	AHD	BN15-625	Aqueous	1	1	625	06/29 20:20
9M18924.	AC45503-001(R)	Sb6Sa6	OK,SEE FIRST EXTRACTION	AHD	BNA-625	Aqueous	1	1	625	06/29 20:44
9M18925.	AC45482-004(R)		OK	AHD	BNA25-625	Aqueous	1	1	625	06/29 21:08

Anc	Area Not Checked
Ao	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C1f	Calibration Column 1 Out (600 Series)
C1f	Calibration Column 1 Out (8000 Series)
C2f	Calibration Column 2 Out (600 Series)
C2f	Calibration Column 2 Out (8000 Series)
C6f	600 series sample/blank did not have passing cal
C8f	8000 series sample/blank did not have passing cal
Cme	Ending Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/eval
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals
Dnc	Drift Not Checked
Do	Drift Out
Eba	An Extraction Before Collection Date
Emp	Problem Checking Prep/nundates modcheckprepcunds
En	Eval Time Not Checked

Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Data Missing/Not check'd
Etn	Tchn/Solvent Extraction Date Missing/Not check'd
Eto	Tchn Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I16 I26	Initial cal 600 series failed Column 1 and or 2
I18 I28	Initial cal 8000 series failed Column 1 and or 2
Is	Initial Cal Not Checked
Iv	Prob with calmt csv for init calibration chek rfs
Iw	Initial cal warning Ini cal file <> method
Iy	Initial Cal Files Not Updated Properly for a samol
M16 M26	Spike Out Col 1 and or Col 2 600 series
M16a M16b	Spike Out Col 1 600 series Acid and or BN
M18 M28	Spike Out Col 1 and or Col 2 8000 series
M18a M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this ms/msd
Oc	Warning Compound(s) Over Calibration

Co	Warning Possible Carry Over
EvF	Eval Mix Failed
Evnc	Eval Mix Not Checked
Evrc	Eval Mix missing rdt or endrin
R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
Ti6	Outside of 600 series Tune time/Cal Time
Ti8	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GCMS_10 Year: 2009 0669
Analyst: AHD

1-1-10M05580

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
10M0558	CAL DFTPP	Ed1=1.7;Oc	OK.V-62911	AHD		Aqueous	1	1		06/29 08:16
10M0558	CAL BNA@50PPM	IsC16	NOT USED	AHD		Aqueous	1	1	625 8270	06/29 08:39
10M0558	CAL BNA@196PPM	Oc	OK.V-68628	AHD		Aqueous	1	1	625 8270	06/29 09:33
10M0558	CAL BNA@160PPM		OK.V-68627	AHD		Aqueous	1	1	625 8270	06/29 09:55
10M0558	CAL BNA@120PPM		OK.V-68626	AHD		Aqueous	1	1	625 8270	06/29 10:17
10M0558	CAL BNA@80PPM		OK.V-68625	AHD		Aqueous	1	1	625 8270	06/29 10:41
10M0558	CAL BNA@20PPM		OK.V-68623	AHD		Aqueous	1	1	625 8270	06/29 11:05
10M0558	CAL BNA@10PPM		OK.V-68622	AHD		Aqueous	1	1	625 8270	06/29 11:29
10M0558	CAL BNA@2PPM		OK.V-68630	AHD		Aqueous	1	1	625 8270	06/29 11:53
10M0558	CAL BNA@50PPM		OK.V-68624	AHD		Aqueous	1	1	625 8270	06/29 12:17
10M0559	ICV BNA@50PPM		OK.V-68632	AHD		Aqueous	1	1	625 8270	06/29 12:42
10M0559	WMB4177		OK	AHD		Aqueous	1	1	625 8270	06/29 13:08
10M0559	AC45501-001		OK	AHD	BN15-625	Aqueous	1	1	625	06/29 13:31
10M0559	AC45509-006	Sa6	RE-EXTRACT.RE-EXTRACT.NO MOR	AHD	BNA25-625	Aqueous	1	1	625	06/29 13:53
10M0559	AC45509-004	Sa6Sb6	RE-EXTRACT.RE-EXTRACT.NO MOR	AHD	BNA25-625	Aqueous	1	1	625	06/29 14:16
10M0559	AC45509-010		OK	AHD	BNA25-625	Aqueous	1	1	625	06/29 14:39
10M0559	AC45509-011		OK	AHD	BNA25-8270	Aqueous	1	1	8270	06/29 15:02
10M0559	WMB4178		OK	AHD		Aqueous	1	1	625 8270	06/29 15:25
10M0559	AC45501-002		OK	AHD	BN15-625	Aqueous	1	1	625	06/29 15:48
10M0559	SMB4183		OK	AHD		Soil	1	1	8270	06/29 16:11
10M0560	AC45518-001	Sb6	RR 10X	AHD	BN15-625	Aqueous	1	1	625	06/29 16:33
10M0560	AC45518-002		OK	AHD	BN15-625	Aqueous	1	1	625	06/29 16:56
10M0560	AC45511-002		OK	AHD	BNA-8270	Soil	1	1	8270	06/29 17:19
10M0560	AC45511-005		OK	AHD	BNA-8270	Soil	1	1	8270	06/29 17:42
10M0560	AC45511-006	Sa8Sb8Ao	RE-EXTRACT & RR	AHD	BNA-8270	Soil	1	1	8270	06/29 18:04
10M0560	AC45511-008		OK	AHD	BNA-8270	Soil	1	1	8270	06/29 18:27
10M0560	AC45511-010		OK	AHD	BNA-8270	Soil	1	1	8270	06/29 18:50
10M0560	AC45531-002		OK	AHD	BNA-8270	Aqueous	1	1	8270	06/29 19:12
10M0560	AC45518-003		OK.RE-EXTRACT	AHD	BN15-625	Aqueous	1	1	625	06/29 19:35
10M0560	AC45518-001(10X)	Sd	RE-EXTRACT	AHD	BN15-625	Aqueous	10	10	625	06/29 19:57
10M0561	AC45520-001(10X)		RR STRAIGHT OR 2X	AHD	BN15-625	Aqueous	10	10	625	06/29 20:20
10M0561	AC45517-004(10X)		RR STRAIGHT OR 2X	AHD	BN15-625	Aqueous	10	10	625	06/29 20:43
10M0561	AC45517-001(20X)	Sd	RR 3X & RE-EXTRACT	AHD	BN15-625	Aqueous	20	20	625	06/29 21:05
10M0561	AC45517-002(20X)	Sd	RR 3X & RE-EXTRACT	AHD	BN15-625	Aqueous	20	20	625	06/29 21:28
10M0561	AC45517-003(20X)		RR 3X	AHD	BN15-625	Aqueous	20	20	625	06/29 21:50
10M0561	AC45519-004(20X)		RR 5X	AHD	BN15-625	Aqueous	20	20	625	06/29 22:13

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
B6m	Blank 600 series missing	Ftn	Tclp/Solvent Extraction Date Missing/Not check'd	Fvnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Fto	Tclp Extraction Performed Outside of Hold	Fvrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rls	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/updates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-9M19268

Instrument: GCMS_9 Year: 0670
Analyst: JB

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M19268.	CAL DFTPP	Ed1=1.1:Oc	OK, V- 62911	JB		Aqueous	1	1		07/16 10:09
9M19269.	CAL BNA@50PPM		OK, V-68624	JB		Aqueous	1	1	625 8270	07/16 10:57
9M19270.	WMB4194(MS)		OK WMB4194	JB		Aqueous	1	1	625 8270	07/16 11:21
9M19271.	AC45780-001		OK	JB	BN15-625	Aqueous	1	1	625	07/16 11:44
9M19272.	AC45781-001		OK,CANCELLED	JB	ERROR	Aqueous	1	1	625 8270	07/16 12:07
9M19273.	AC45781-002		OK,CANCELLED	JB	ERROR	Aqueous	1	1	625 8270	07/16 12:30
9M19274.	WMB4195(MS)		OK WMB4195	AO		Aqueous	1	1	625 8270	07/16 14:20
9M19275.	WMB4195		OK	AO		Aqueous	1	1	625 8270	07/16 14:43
9M19276.	AC45774-008		OK WMB4195	AO	BNA-8270	Aqueous	1	1	8270	07/16 15:06
9M19277.	AC45774-009(MS:AC4		OK WMB4195	AO	BNA-8270	Aqueous	1	1	625 8270	07/16 15:29
9M19278.	AC45774-010(MSD:AC		OK WMB4195	AO	BNA-8270	Aqueous	1	1	625 8270	07/16 15:53
9M19279.	AC45774-011		OK	AO	BNA-8270	Aqueous	1	1	8270	07/16 16:16
9M19280.	AC45774-012		OK	AO	BNA-8270	Aqueous	1	1	8270	07/16 16:40
9M19281.	AC45774-013		OK	AO	BNA-8270	Aqueous	1	1	8270	07/16 17:03
9M19282.	AC45774-014		OK	AO	BNA-8270	Aqueous	1	1	8270	07/16 17:27
9M19283.	AC45774-016		OK	AO	BNA-8270	Aqueous	1	1	8270	07/16 17:50
9M19284.	AC45774-017		OK	AO	BNA-8270	Aqueous	1	1	8270	07/16 18:14
9M19285.	AC45761-001(R)		OK	AO	BNA-625	Aqueous	1	1	625	07/16 18:37
9M19286.	AC45761-003(R)		OK	AO	BNA-625	Aqueous	1	1	625	07/16 19:01
9M19287.	AC45761-004(R)		OK	AO	BNA-625	Aqueous	1	1	625	07/16 19:24

Anc	Area Not Checked
Ao	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C1f	Calibration Column 1 Out (600 Series)
C1f	Calibration Column 1 Out (8000 Series)
C2f	Calibration Column 2 Out (600 Series)
C2f	Calibration Column 2 Out (8000 Series)
C6f	600 series sample/blank did not have passing cal
C8f	8000 series sample/blank did not have passing cal
Cme	Ending Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/aval
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals
Dnc	Drift Not Checked
Do	Drift Out
Eba	An Extraction Before Collection Date
Emp	Problem Checking Prep/analdates modcheckprepanddt
En	Eval Time Not Checked

Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Date Missing/Not check'd
Etn	Tclp/Solvent Extraction Date Missing/Not check'd
Eto	Tclp Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I16 I26	Initial cal 600 series failed Column 1 and or 2
I18 I28	Initial cal 8000 series failed Column 1 and or 2
Is	Initial Cal Not Checked
Iv	Prob with calmd csv for init calibration chek rfs
Iw	Initial cal warning. Ini cal file <> mathod
Ix	Initial Cal Files Not Updated Properly for a samp
M16 M26	Spike Out Col 1 and or Col 2 600 series
M16a M16b	Spike Out Col 1 600 series Acid and or BN
M18 M28	Spike Out Col 1 and or Col 2 8000 series
M18a M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this ms/msd
Oc	Warning Compound(s) Over Calibration

Co	Warning Possible Carry Over
FvF	Eval Mix Failed
Fvnc	Eval Mix Not Checked
Fvrc	Eval Mix missing ddt or endrin
R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
Ti6	Outside of 600 series Tune time/Cal Time
Ti8	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-10M05947

Instrument: GCMS_10 Year: 2009
Analyst: JB

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
10M0594	CAL DFTPP	Ed1=3.6:Oc	OK. V-62911	JB		Aqueous	1	1		07/17 08:25
10M0594	CAL BNA@50PPM	C16	OK. V-68624	JB		Aqueous	1	1	625 8270	07/17 09:38
10M0594	SMB4200		OK	JB		Soil	1	1	8270	07/17 10:01
10M0595	SMB4200(MS)		OK SMB4200	JB		Soil	1	1	8270	07/17 10:23
10M0595	AC45774-005		OK SMB4200	JB	BNA-8270	Soil	1	1	8270	07/17 10:45
10M0595	AC45774-006(MS:AC4		OK SMB4200	JB	BNA-8270	Soil	1	1	8270	07/17 11:08
10M0595	AC45774-007(MSD:AC		OK SMB4200	JB	BNA-8270	Soil	1	1	8270	07/17 11:30
10M0595	AC45774-002		OK	JB	BNA-8270	Soil	1	1	8270	07/17 11:53
10M0595	AC45783-001		OK	JB	BNA25-8270	Soil	1	1	8270	07/17 12:15
10M0595	AC45786-002		OK	JB	BNA25-8270	Soil	1	1	8270	07/17 12:37
10M0595	AC45775-006(3X)		OK	JB	BNA25-8270	Soil	3	3	8270	07/17 13:00
10M0595	AC45775-005		OK	JB	BNA25-8270	Soil	1	1	8270	07/17 13:22
10M0595	AC45775-001		OK	JB	BNA25-8270	Soil	1	1	8270	07/17 13:45
10M0596	AC45774-004		OK	JB	BNA-8270	Soil	1	1	8270	07/17 14:07
10M0596	AC45774-003		OK	JB	BNA-8270	Soil	1	1	8270	07/17 14:29
10M0596	AC45774-001		OK	JB	BNA-8270	Soil	1	1	8270	07/17 14:52
10M0596	AC45774-015		OK	JB	BNA-8270	Soil	1	1	8270	07/17 15:14

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing drlt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cma	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncls	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-55535

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA SOIL SPIKE MIX	BatchNumber:	
Prep Date:	11/12/2008	Concentration:	Various
Expiration Date:	10/31/2009	Final Volume:	250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3701	acetone	250 ml	neat neat	
3294	Pentachlorophenol	.5 g	neat	2000 ppm
3732	4-Nitrophenol	.5 g	neat neat	2000 ppm
946	Phenol	.5 g	neat	2000 ppm
2814	4-CHLORO-3-METHYLPHENOL	.5 g	NEAT neat	2000 ppm
1343	2-CHLOROPHENOL	.5 g	NEAT	2000 ppm
2845	2-Methylphenol	.5 g	neat neat	2000 ppm
3295	2,4-Dimethylphenol	.5 g	neat neat	2000 ppm
1888	1,2,4-TRICHLOROBENZENE	.25 g	NEAT	1000 ppm
1887	1,4-DICHLOROBENZENE	.25 g	NEAT	1000 ppm
1886	CARBAZOLE	.25 g	NEAT	1000 ppm
1885	BUTYL BENZYL PHTHALATE	.25 g	NEAT	1000 ppm
2849	Fluorene	.25 g	neat neat	1000 ppm
2850	Naphthalene	.25 g	neat neat	1000 ppm
2851	N-Nitroso-n-propylamine	.25 g	neat neat	1000 ppm
2852	2,4-Dinitrotoluene	.25 g	neat neat	1000 ppm
2853	Pyrene	.25 g	neat neat	1000 ppm
3736	Acenaphthene	.25 g	neat neat	1000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-53065

Prepared By: Hamid,Akmal
Description: BNA-Pest Mix
Prep Date: 10/1/2008
Expiration Date: 10/1/2009
Department: Organics
BatchNumber:
Concentration: 1000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3639	4.4'-DDT	.01 g	NEAT	1000 ppm
3640	4.4'-DDD	.01 g	NEAT	1000 ppm
3641	4.4'-DDE	.01 g	NEAT	1000 ppm
3642	ENDRIN	.01 g	NEAT	1000 ppm
3643	Endrin aldehyde	.01 g	NEAT	1000 ppm
3644	Endrin ketone	.01	NEAT	1000 ppm
3650	Methylene Chlroide	10 ml	neat neat	

Veritech Lot Number: V-58452

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3790	methlyene chloride	10 ml	neat neat	

Veritech Lot Number: V-58453

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2nd Source)
Prep Date: 1/7/2009
Expiration Date: 1/7/2010
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
3792	Acetone	10 ml	neat neat	

Veritech Lot Number: V-59624

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 1/26/2009
Expiration Date: 1/25/2010
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1690	2-Fluorobiphenyl	1 g	Neat neat	1000 ppm
2930	p-Terphenyl-d14	1 g	neat neat	1000 ppm
2586	Phenol-d5	2 g	neat neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
3792	Acetone	1000 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-62910

Prepared By: Hamid, Akmal
Description: DFTPP STOCK STD.
Prep Date: 3/24/2009
Expiration Date: 3/24/2010
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3993	Methylene Chloride	5 ml	neat neat	
3203	DFTPP	.01 g	neat	2000 ppm

Veritech Lot Number: V-62911

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 3/24/2009
Expiration Date: 9/24/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 4 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-62910	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
3993	Methylene Chloride	2900 ul	neat neat	
3875	DDT/ENDRIN MIX	800 ul	500 ppm	100 ppm
3879	TCL Phenol/Benzidines Mix	200 ul	2000 ppm	100 ppm

Veritech Lot Number: V-62912

Prepared By: Hamid, Akmal
Description: BNA-5 MIX
Prep Date: 3/24/2009
Expiration Date: 3/24/2010
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
2395	n-Decane	.05 g	NEAT	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
3818	1,4-Dimethylnaphthalene	.0516 g	96.5%	5000 ppm
3993	Methylene Chloride	10 ml	neat neat	5000

Veritech Lot Number: V-63020

Prepared By: Hamid, Akmal
Description: Pyridine Stock Std.
Prep Date: 3/26/2009
Expiration Date: 3/26/2010
Department: Organics
BatchNumber:
Concentration: 10,000 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3803	PYRIDINE	10 ul	NEAT neat	10000 ppm
3993	Methylene Chloride	990 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-63101

Prepared By: Hamid, Akmal
Description: BNA-6 MIX
Prep Date: 3/27/2009
Expiration Date: 3/27/2010
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
2395	n-Decane	.05 g	NEAT	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
3818	1,4-Dimethylnaphthalene	.0516 g	96.5%	5000 ppm
4004	2,3,4,6-Tetrachlorophenol	.05	Neat neat	5000 ppm
3993	Methylene Chloride	10 ml	neat neat	

Veritech Lot Number: V-67466

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 6/11/2009
Expiration Date: 6/11/2010
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4176	Naphthalene-D8	1 g	neat neat	2000 ppm
4173	Phenanthrene-D10	1 g	neat neat	2000 ppm
2613	Chrysene	1 g	neat neat	2000 ppm
4174	Perylene-D12	1 g	neat neat	2000 ppm
2615	1,4-Dichlorobenzene-d4	1 g	neat neat	2000 ppm
4172	Acenaphthene-D10	1 g	neat neat	2000 ppm
4157	METHYLENE CHLORIDE	500 ml	NEAT neat	

Veritech Lot Number: V-68574

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.A
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 1.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4007	8270 Mega Mix	300 ul	500-1000 pp	250 ppm
V-53065	BNA-Pest Mix	300 ul	1000 ppm	250 ppm
3856	Benzoic Acid Mix	150 ul	2000 ppm	250 ppm
3855	605 Benzidine Cal Mix	150 ul	2000 ppm	250 ppm
V-59624	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
v-62912	BNA-5 MIX	60 ul	5000 ppm	250 ppm
4189	METHYLENE CHLORIDE	90 ul	neat neat	

Veritech Lot Number: V-68621

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-58452	8270 EXTRA MIX#1	10 ul	10000 ppm	200 ppm
4189	METHYLENE CHLORIDE	90 ul	neat neat	
V-68574	BNA STOCK Std.A	400 ul	250 ppm	200 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68622

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68621	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4189	METHYLENE CHLORIDE	93 ul	neat neat	

Veritech Lot Number: V-68623

Prepared By: Hamid, Akmal
Description: BNA 20 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 20 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68621	BNA STOCK Std.	10 ul	200 ppm	20 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4189	METHYLENE CHLORIDE	88 ul	neat neat	

Veritech Lot Number: V-68624

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-67466	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-68621	BNA STOCK Std.	50 ul	200 ppm	50 ppm
4189	METHYLENE CHLORIDE	146 ul	neat neat	

Veritech Lot Number: V-68625

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68621	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4189	METHYLENE CHLORIDE	58 ul	neat neat	

Veritech Lot Number: V-68626

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68621	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4189	METHYLENE CHLORIDE	38 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68627

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68621	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4189	METHYLENE CHLORIDE	18 ul	neat neat	

Veritech Lot Number: V-68628

Prepared By: Hamid, Akmal
Description: BNA 196 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 196 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68621	BNA STOCK Std.	98 ul	200 ppm	196 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4189	METHYLENE CHLORIDE	0	neat neat	

Veritech Lot Number: V-68629

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68621	BNA STOCK Std.	50 ul	200 ppm	50 ppm
4189	METHYLENE CHLORIDE	150 ul	neat neat	

Veritech Lot Number: V-68630

Prepared By: Hamid, Akmal
Description: BNA 2 ppm curve
Prep Date: 6/26/2009
Expiration Date: 10/1/2009
Department: Organics
BatchNumber: B-5991
Concentration: 2 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-68629	BNA 50 ppm curve	4 ul	50 ppm	2 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4189	METHYLENE CHLORIDE	94 ul	neat neat	

Veritech Lot Number: V-68631

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.B
Prep Date: 6/26/2009
Expiration Date: 12/26/2009
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 1.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3068	TCL PAH MIX	150 ul	2000 ppm	250 ppm
4189	METHYLENE CHLORIDE	360 ul	neat neat	
V-63101	BNA-6 MIX	60 ul	5000 ppm	250 ppm
V-63020	Pyridine Stock Std.	30 ul	10,000 ppm	250 ppm
V-59624	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
3879	TCL Phenol/Benzidines Mix	150 ul	2000 ppm	250 ppm
3880	TCL Hazardous Substances Mix	150 ul	2000 ppm	250 ppm
3172	Tcl Base Neutral Mix	150 ul	2000 ppm	250 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68632

Prepared By:	Hamid, Akmal	Department:	Organics
Description:	BNA ICV CAL@50PPM	BatchNumber:	
Prep Date:	6/26/2009	Concentration:	50 ppm
Expiration Date:	12/26/2009	Final Volume:	0.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4189	METHYLENE CHLORIDE	155 ul	neat neat	
V-68631	BNA STOCK Std.B	40 ul	250 ppm	50 ppm
V-58453	8270 EXTRA MIX#1(2nd Source)	1 ul	10000 ppm	50 ppm
V-67466	BNA Internal Std.	4 ul	2000 ppm	40 ppm

Veritech Lot Number: V-68654

Prepared By:	Bis, Yolanta	Department:	Organics
Description:	Pyridine Spiking Std.	BatchNumber:	
Prep Date:	6/29/2009	Concentration:	2000 ppm
Expiration Date:	6/29/2010	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4138	Pryidine	200 ul	neat neat	2000 ppm
3994	Acetone	100 ml	neat neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1430

Description
Benzaldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	B1334-2G	08505LB	02/20/04	02/20/11	Hamid, Akmal	1	2G	Neat	Neat

Veritech Control/Receipt Number: 1431

Description
E-Caprolactam

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	C2204-5G	05824JI	02/20/04	02/20/11	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 1690

Description
2-Fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	102741-2.5	18309PD	05/02/06	05/07/10	Hamid, Akmal	2	2.5g	Neat	Neat

Veritech Control/Receipt Number: 1809

Description
DIPHENYL ETHER

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	240834-5G	09303PC	06/23/06	06/23/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1810

Description
1,2,4,5-TETRACHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	131857-5G	06024AI	06/27/06	06/27/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 2176

Description
PENTACHLOROETHANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F937	376-75A	01/22/07	01/31/12	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2184

Description
ATRAZINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2208	348-144A	01/29/07	10/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2185

Description
BIPHENYL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F1062	348-144A	01/29/07	10/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2394

Description
n-Octadecane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2188	381-22A	05/03/07	04/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 2395

Description
n-Decane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2182	372-50A	05/03/07	11/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2584

Description
Nitrobenzene-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	151955	ST1692	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2585

Description
2,4,6-Tribromophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	137715	14726KD	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2586

Description
Phenol-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	425370	EW0108	06/24/07	04/03/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2613

Description
Chrysene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-261-001	PR-17865/01227CH	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2874

Description
2-FLUOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	F12804-10G	01816PE	11/15/07	11/15/20	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 2930

Description
p-Terphenyl-d14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	T82-84074	EW1627	12/06/07	12/05/12	Hamid, Akmal	5	500m	neat	neat

Veritech Control/Receipt Number: 3068

Description
TCL PAH MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48905-U	LB49970	02/08/08	08/31/10	Hamid, Akmal	2	1ML	2000	PPM

Veritech Control/Receipt Number: 3172

Description
Tcl Base Neutral Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47991-U	LB48148	03/24/08	06/05/10	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3203

Description
DFTPP

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	442543	LB52744	04/01/08	10/31/10	Hamid, Akmal	1	100m	neat	

Veritech Control/Receipt Number: 3639

Description
4.4'-DDT

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F92	402-104B	09/26/08	06/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3640

Description
4.4'-DDD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F94	407-7A	09/26/08	07/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3641

Description
4.4'-DDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F93	407-64A	09/26/08	08/31/14	Revolus, Jean	1	100m	NEAT	

Veritech Control/Receipt Number: 3642

Description
ENDRIN

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F98	402-16A	09/26/08	04/30/12	Revolus, Jean	1	250m	NEAT	

Veritech Control/Receipt Number: 3643

Description
Endrin aldehyde

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F99	390-94A	09/26/08	10/31/10	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3644

Description
Endrin ketone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2022	390-21B	09/26/08	09/30/11	Revolus, Jean	2	10mg	NEAT	

Veritech Control/Receipt Number: 3650

Description
Methylene Chlroride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G33403	09/30/08	09/29/10	Lopez, Jose	120	4L	neat	

Veritech Control/Receipt Number: 3790

Description
methlyene chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926403	G454003	12/23/08	12/22/10	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3792

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G44E07	12/23/08	12/22/10	Okomeng, Maxwel	4	4LT	neat	neat

Veritech Control/Receipt Number: 3798

Description
ACETOPHENONE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-821	383-95A	01/02/09	06/30/12	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 3803

Description
PYRIDINE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P368-500	085002	01/06/09	01/05/12	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3818

Description
1,4-Dimethylnaphthalene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F1020	3999-95B	01/07/09	05/31/12	Hamid, Akmal	5	0.1g	96.5%	

Veritech Control/Receipt Number: 3855

Description
605 Benzidine Cal Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31030	A060473	01/22/09	06/30/16	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3856

Description
Benzoic Acid Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31879	A060836	01/22/09	06/30/12	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3875

Description
DDT/ENDRIN MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-8282	LB52469	01/27/09	10/31/10	Hamid, Akmal	2	1ML	500	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3879

Description
TCL Phenol/Benzidines Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47992-U	LB59885	01/27/09	07/31/11	Hamid, Akmal	3	1ml	2000	ppm

Veritech Control/Receipt Number: 3880

Description
TCL Hazardous Substances Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47990-U	LB64301	01/27/09	01/31/12	Hamid, Akmal	3	1ml	2000	ppm

Veritech Control/Receipt Number: 3993

Description
Methylene Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G51403	03/24/09	03/23/11	Lopez, Jose	120	4L	neat	neat

Veritech Control/Receipt Number: 3994

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G45E25	03/24/09	03/23/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 4004

Description
2,3,4,6-Tetrachlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F1086	395-102B	03/26/09	01/31/12	Hamid, Akmal	5	250m	Neat	Neat

Veritech Control/Receipt Number: 4007

Description
8270 Mega Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31850	A065452	03/30/09	07/31/10	Hamid, Akmal	2	1ml	500-1000	ppm

Veritech Control/Receipt Number: 4138

Description
Pryidine

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P368-500	086053	05/11/09	05/10/12	Miller,Gael E.	2	500ml	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4157

Description
METHYLENE CHLORIDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T BAKER	926403	G51403	06/02/09	06/01/11	Okomeng, Maxwel	120	4LT	NEAT	NEAT

Veritech Control/Receipt Number: 4172

Description
Acenaphthene-D10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-108	PR-19991	06/11/09	06/11/16	Hamid, Akmal	2	1g	neat	neat

Veritech Control/Receipt Number: 4173

Description
Phenanthrene-D10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-371	PR19222	06/11/09	06/11/16	Hamid, Akmal	2	1g	neat	neat

Veritech Control/Receipt Number: 4174

Description
Perylene-D12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-366	PR16756	06/11/09	06/11/16	Hamid, Akmal	2	1g	neat	neat

Veritech Control/Receipt Number: 4176

Description
Naphthalene-D8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-365	PR-17975/12076NP2	06/11/09	06/11/16	Hamid, Akmal	2	1g	neat	neat

Veritech Control/Receipt Number: 4189

Description
METHYLENE CHLORIDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T BAKER	926403	G51403	06/16/09	06/15/11	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 946

Description
Phenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F65	328-88B	02/10/05	09/30/10	Akmal	1	5g	neat	

Veritech Control/Receipt Number: 1343

Description
2-CHLOROPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F24	352-4B	10/18/05	10/31/09	Hamid, Akmal	1	5G	NEAT	

Veritech Control/Receipt Number: 1885

Description
BUTYL BENZYL PHTHALATE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	PT-10	361-91B	08/09/06	04/30/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Control/Receipt Number: 1887

Description
1,4-DICHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F27	345-14A	08/09/06	07/31/10	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1888

Description
1,2,4-TRICHLOROBENZENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F8	338-64B	08/09/06	03/31/10	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2814

Description
4-CHLORO-3-METHYLPHENOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F22	392-28A	10/16/07	10/31/10	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2845

Description
2-Methylphenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F711	383-91A	10/31/07	06/30/11	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2849

Description
Fluorene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F80	368-40B	10/31/07	08/31/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2850

Description
Naphthalene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F55	381--115A	10/31/07	06/30/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2851

Description
N-Nitroso-n-propylamine

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F63	377-108B	10/31/07	06/03/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2852

Description
2,4-Dinitrotoluene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F35	371-123A	10/31/07	11/30/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2853

Description
Pyrene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F84	390-36B	10/31/07	09/12/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 3294

Description
Pentachlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F64	401-96B	04/24/08	04/30/13	Hamid, Akmal	2	1g	neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4091

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.baker	9254-03	G49E58	04/21/09	04/20/11	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 4146

Description
SODIUM SULFATE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SEIDLER	SC33751C	401203	05/19/09	05/18/11	Okomeng, Maxwel	4	100C	NEAT	NEAT

Veritech Control/Receipt Number: 4189

Description
METHYLENE CHLORIDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T BAKER	926403	G51403	06/16/09	06/15/11	Okomeng, Maxwel	120	4LT	neat	neat

Veritech Control/Receipt Number: 4209

Description
ACID COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8120276	06/24/09	12/29/11	Revolus, Jean	10	1ml	1000	PPM

Veritech Control/Receipt Number: 4210

Description
BASE/NEUTRAL COMP MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	B8050140-2B	06/24/09	06/04/10	Revolus, Jean	10	1ml	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3295

Description
2,4-Dimethylphenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F34	396-115A	04/24/08	03/31/13	Hamid, Akmal	2	1gm	neat	neat

Veritech Control/Receipt Number: 3701

Description
acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9254-03	G36E35	10/28/08	10/27/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3732

Description
4-Nitrophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	F58	409-36B	11/12/08	08/31/11	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 3736

Description
Acenaphthene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	O-782	380-77B	11/12/08	03/31/13	Hamid, Akmal	1	5g	neat	neat

GC PCB Data

GC PCB Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8082

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
2G46345.D	SMB2320B	Soil	07/17/09 14:22	1		94	95	107	89		
2G46371.D	WMB3604	Aqueous	07/20/09 08:08	1		94	92	107	87		
2G46354.D	AC45774-001	Soil	07/17/09 17:17	1		83	79	120	107		
2G46355.D	AC45774-002	Soil	07/17/09 17:31	1		103	101	117	104		
2G46356.D	AC45774-003	Soil	07/17/09 17:45	1		97	99	122	109		
2G46357.D	AC45774-004	Soil	07/17/09 17:59	1		105	102	116	104		
2G46348.D	AC45774-005	Soil	07/17/09 15:30	1		78	75	117	104		
2G46349.D	AC45774-006(	Soil	07/17/09 15:44	1		84	82	106	93		
2G46350.D	AC45774-007(	Soil	07/17/09 15:58	1		96	94	117	104		
2G46376.D	AC45774-008	Aqueous	07/20/09 09:28	1		88	84	90	73		
2G46377.D	AC45774-009(	Aqueous	07/20/09 09:42	1		82	77	112	92		
2G46378.D	AC45774-010(	Aqueous	07/20/09 09:56	1		85	80	107	89		
2G46385.D	AC45774-011	Aqueous	07/20/09 12:10	1		98	91	73	59		
2G46386.D	AC45774-012	Aqueous	07/20/09 12:24	1		93	86	91	77		
2G46387.D	AC45774-013	Aqueous	07/20/09 12:38	1		94	87	94	77		
2G46388.D	AC45774-014	Aqueous	07/20/09 12:52	1		85	79	92	75		
2G46358.D	AC45774-015	Soil	07/17/09 18:13	1		89	87	106	94		
2G46389.D	AC45774-016	Aqueous	07/20/09 13:06	1		91	84	69	57		
2G46390.D	AC45774-017	Aqueous	07/20/09 13:20	1		94	89	68	53		
2G46346.D	SMB2320B(M	Soil	07/17/09 14:36	1		95	93	109	92		
2G46372.D	WMB3604(MS	Aqueous	07/20/09 08:22	1		93	92	110	92		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8082

Soil Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	31-155
S2=TCMX-Surrogate	100	31-155
S3=DCB-Surrogate	100	12-172
S4=DCB-Surrogate	100	12-172

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	18-141
S2=TCMX-Surrogate	100	18-141
S3=DCB-Surrogate	100	9-148
S4=DCB-Surrogate	100	9-148

FORM 3

Spike Recovery

Batch Number:	SMB2320B	Mbs File:	2G46346.D	Mbs Date:	07/17/09 14:36
Mbs Name:	SMB2320B(MS)	Non Spk'd File:	2G46348.D	Non Spk'd Date:	07/17/09 15:30
Ns Name:	AC45774-005	Spike File:	2G46349.D	Spike Date :	07/17/09 15:44
Ms Name:	AC45774-006(MS:	Spike Dup File:	2G46350.D	Spike Dup Date:	07/17/09 15:58
Msd Name:	AC45774-007(MSD	Matrix:	Soil		
		Method:	EPA 8082		

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	30	163	40	980.04	0.00	944.07	1053.29	98	94	105	11
Aroclor-1260	7	1	0	1000	25	166	37	988.39	0.00	1012.38	1104.93	99	101	110	8.7

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 3

Spike Recovery

Batch Number: WMB3604
Mbs Name: WMB3604(MS)
Ns Name: AC45774-008
Ms Name: AC45774-009(MS:
Msd Name: AC45774-010(MSD

Mbs File: 2G46372.D
Non Spk'd File: 2G46376.D
Spike File: 2G46377.D
Spike Dup File: 2G46378.D
Matrix: Aqueous
Method: EPA 8082

Mbs Date: 07/20/09 08:22
Non Spk'd Date: 07/20/09 09:28
Spike Date : 07/20/09 09:42
Spike Dup Date: 07/20/09 09:56

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	38	166	24	1078.34	0.00	1094.61	1070.00	108	109	107	2.3
Aroclor-1260	7	1	0	1000	53	151	19	1095.02	0.00	1158.81	1113.69	110	116	111	4

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB2320B
Blank Data File: 2G46345.D
Matrix: Soil

Blank Analysis Date: 07/17/09 14:22
Blank Extraction Date: 07/17/09
(If Applicable)
Method: EPA 8082

Sample Number	Data File	Analysis Date
AC45774-001	2G46354.D	07/17/09 17:17
AC45774-002	2G46355.D	07/17/09 17:31
AC45774-003	2G46356.D	07/17/09 17:45
AC45774-004	2G46357.D	07/17/09 17:59
AC45774-005	2G46348.D	07/17/09 15:30
AC45774-006(MS:	2G46349.D	07/17/09 15:44
AC45774-007(MSD	2G46350.D	07/17/09 15:58
AC45774-015	2G46358.D	07/17/09 18:13
SMB2320B(MS)	2G46346.D	07/17/09 14:36

FORM 4
Blank Summary

Blank Number: WMB3604
Blank Data File: 2G46371.D
Matrix: Aqueous

Blank Analysis Date: 07/20/09 08:08
Blank Extraction Date: 07/17/09
(If Applicable)
Method: EPA 8082

Sample Number	Data File	Analysis Date
AC45774-008	2G46376.D	07/20/09 09:28
AC45774-009(MS:	2G46377.D	07/20/09 09:42
AC45774-010(MSD	2G46378.D	07/20/09 09:56
AC45774-011	2G46385.D	07/20/09 12:10
AC45774-012	2G46386.D	07/20/09 12:24
AC45774-013	2G46387.D	07/20/09 12:38
AC45774-014	2G46388.D	07/20/09 12:52
AC45774-016	2G46389.D	07/20/09 13:06
AC45774-017	2G46390.D	07/20/09 13:20
WMB3604(MS)	2G46372.D	07/20/09 08:22

Form 5

Method: EPA 8082

Instrument: GC_2

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G45810.	CAL 1660@500PPB	06/23/09 13:39	Soil	2G45812.	8.9813	0.0134	9.3527	0.0053
2G45811.	CAL 1660@200PPB	06/23/09 13:53	Soil	2G45812.	8.9815	0.0111	9.3536	0.0043
2G45812.	CAL 1660@50PPB	06/23/09 14:07	Soil	2G45812.	8.9825	0	9.3532	0
2G45813.	CAL 1660@1000PPB	06/23/09 14:21	Soil	2G45812.	8.9817	0.0089	9.3536	0.0043
2G45814.	CAL 1660@2000PPB	06/23/09 15:17	Soil	2G45812.	8.9797	0.0312	9.3522	0.0107
2G45815.	CAL 1660@4000PPB	06/23/09 15:31	Soil	2G45812.	8.9786	0.0434	9.3517	0.016
2G45816.	CAL 3268@500PPB	06/23/09 15:49	Soil	2G45812.	8.9839	0.0156	9.3541	0.0096
2G45817.	CAL 1242@500PPB	06/23/09 16:03	Soil	2G45812.	8.9807	0.02	9.3529	0.0032
2G45818.	CAL 1248@500PPB	06/23/09 16:17	Soil	2G45812.	8.9812	0.0145	9.3529	0.0032
2G45819.	CAL 2154@500PPB	06/23/09 16:31	Soil	2G45812.	8.9813	0.0134	9.3536	0.0043
2G45820.	CAL 1262@500PPB	06/23/09 16:45	Soil	2G45812.	8.9809	0.0178	9.3522	0.0107
2G45821.	ICV	06/23/09 16:59	Soil	2G45812.	8.9801	0.0267	9.3528	0.0043
2G45822.	WMB3583	06/23/09 17:13	Aqueous	2G45812.	8.9797	0.0312	9.3516	0.0171
2G45823.	WMB3583(MS)	06/23/09 17:27	Aqueous	2G45812.	8.9792	0.0367	9.3515	0.0182
2G45824.	AC45338-010	06/23/09 17:41	Aqueous	2G45812.	8.9796	0.0323	9.3514	0.0192
2G45825.	CAL 1660@1000PPB	06/23/09 17:55	Aqueous	2G45812.	8.9789	0.0401	9.3518	0.015
2G45826.	2000PPB	06/23/09 18:09	Aqueous	2G45825.	8.9790	0.0011	9.3520	0.0021

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8082

Instrument: GC_2

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G46344.	CAL 1660@500PPB	07/17/09 12:03	Soil	2G46344.	8.9728	0	9.3555	0
2G46345.	SMB2320B	07/17/09 14:22	Soil	2G46344.	8.9645	0.0925	9.3517	0.0406
2G46346.	SMB2320B(MS)	07/17/09 14:36	Soil	2G46344.	8.9572	0.174	9.3493	0.0663
2G46347.	CAL 1660@1000PPB	07/17/09 15:08	Soil	2G46344.	8.9653	0.0836	9.3532	0.0246
2G46348.	AC45774-005	07/17/09 15:30	Soil	2G46347.	8.9635	0.0201	9.3523	0.0096
2G46349.	AC45774-006(MS:AC45	07/17/09 15:44	Soil	2G46347.	8.9583	0.0781	9.3496	0.0385
2G46350.	AC45774-007(MSD:AC4	07/17/09 15:58	Soil	2G46347.	8.9573	0.0893	9.3491	0.0438
2G46351.	AC45822-004	07/17/09 16:35	Soil	2G46347.	8.9631	0.0245	9.3514	0.0192
2G46352.	AC45775-001	07/17/09 16:49	Soil	2G46347.	8.9563	0.1004	9.3481	0.0545
2G46353.	AC45775-006	07/17/09 17:03	Soil	2G46347.	8.9559	0.1049	9.3489	0.046
2G46354.	AC45774-001	07/17/09 17:17	Soil	2G46347.	8.9560	0.1038	9.3481	0.0545
2G46355.	AC45774-002	07/17/09 17:31	Soil	2G46347.	8.9555	0.1094	9.3490	0.0449
2G46356.	AC45774-003	07/17/09 17:45	Soil	2G46347.	8.9559	0.1049	9.3484	0.0513
2G46357.	AC45774-004	07/17/09 17:59	Soil	2G46347.	8.9561	0.1027	9.3483	0.0524
2G46358.	AC45774-015	07/17/09 18:13	Soil	2G46347.	8.9574	0.0881	9.3497	0.0374
2G46359.	AC45783-001	07/17/09 18:26	Soil	2G46347.	8.9569	0.0937	9.3501	0.0332
2G46360.	CAL 1660@1000PPB	07/17/09 18:40	Soil	2G46347.	8.9574	0.0881	9.3496	0.0385
2G46361.	2000PPB	07/17/09 18:54	Soil	2G46360.	8.9571	0.0034	9.3497	0.0011
2G46362.	AC45775-005	07/17/09 19:08	Soil	2G46360.	8.9570	0.0045	9.3496	0
2G46363.	AC45822-008	07/17/09 19:22	Soil	2G46360.	8.9573	0.0011	9.3502	0.0064
2G46364.	AC45822-003	07/17/09 19:36	Soil	2G46360.	8.9574	0	9.3508	0.0128
2G46365.	AC45822-002	07/17/09 19:50	Soil	2G46360.	8.9578	0.0045	9.3512	0.0171
2G46366.	AC45818-001	07/17/09 20:04	Soil	2G46360.	8.9603	0.0324	9.3538	0.0449
2G46367.	AC45786-002	07/17/09 20:18	Soil	2G46360.	8.9601	0.0301	9.3527	0.0332
2G46368.	1000PPB	07/17/09 20:32	Soil	2G46360.	8.9605	0.0346	9.3529	0.0353
2G46369.	CAL 1660@2000PPB	07/17/09 20:45	Soil	2G46360.	8.9614	0.0446	9.3544	0.0513

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8082

Instrument: GC_2

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G46370.	CAL 1660@500PPB	07/20/09 07:54	Soil	2G46370.	8.9585	0	9.3487	0
2G46371.	WMB3604	07/20/09 08:08	Aqueous	2G46370.	8.9549	0.0402	9.3481	0.0064
2G46372.	WMB3604(MS)	07/20/09 08:22	Aqueous	2G46370.	8.9540	0.0502	9.3478	0.0096
2G46373.	SMB2321B	07/20/09 08:36	Soil	2G46370.	8.9562	0.0257	9.3499	0.0128
2G46374.	SMB2321B(MS)	07/20/09 08:50	Soil	2G46370.	8.9561	0.0268	9.3501	0.015
2G46375.	AC45815-001	07/20/09 09:04	Aqueous	2G46370.	8.9563	0.0246	9.3497	0.0107
2G46376.	AC45774-008	07/20/09 09:28	Aqueous	2G46370.	8.9630	0.0502	9.3538	0.0545
2G46377.	AC45774-009(MS:AC45	07/20/09 09:42	Aqueous	2G46370.	8.9581	0.0045	9.3518	0.0332
2G46378.	AC45774-010(MSD:AC4	07/20/09 09:56	Aqueous	2G46370.	8.9576	0.01	9.3516	0.031
2G46379.	AC45775-003	07/20/09 10:10	Aqueous	2G46370.	8.9578	0.0078	9.3516	0.031
2G46380.	AC45775-004	07/20/09 10:24	Aqueous	2G46370.	8.9571	0.0156	9.3519	0.0342
2G46381.	CAL 1660@1000PPB	07/20/09 10:38	Aqueous	2G46370.	8.9586	0.0011	9.3521	0.0364
2G46382.	AC45822-005	07/20/09 11:29	Aqueous	2G46381.	8.9641	0.0614	9.3537	0.0171
2G46383.	AC45822-006	07/20/09 11:42	Aqueous	2G46381.	8.9579	0.0078	9.3506	0.016
2G46384.	AC45822-007	07/20/09 11:56	Aqueous	2G46381.	8.9563	0.0257	9.3506	0.016
2G46385.	AC45774-011	07/20/09 12:10	Aqueous	2G46381.	8.9563	0.0257	9.3499	0.0235
2G46386.	AC45774-012	07/20/09 12:24	Aqueous	2G46381.	8.9561	0.0279	9.3512	0.0096
2G46387.	AC45774-013	07/20/09 12:38	Aqueous	2G46381.	8.9571	0.0167	9.3514	0.0075
2G46388.	AC45774-014	07/20/09 12:52	Aqueous	2G46381.	8.9575	0.0123	9.3529	0.0085
2G46389.	AC45774-016	07/20/09 13:06	Aqueous	2G46381.	8.9577	0.01	9.3517	0.0043
2G46390.	AC45774-017	07/20/09 13:20	Aqueous	2G46381.	8.9596	0.0112	9.3537	0.0171
2G46391.	AC45845-002	07/20/09 13:35	Soil	2G46381.	8.9609	0.0257	9.3537	0.0171
2G46392.	AC45845-002(MS)	07/20/09 13:49	Soil	2G46381.	8.9587	0.0011	9.3523	0.0021
2G46393.	AC45845-002(MSD)	07/20/09 14:03	Soil	2G46381.	8.9583	0.0034	9.3526	0.0053
2G46394.	AC45845-004	07/20/09 14:17	Soil	2G46381.	8.9586	0	9.3526	0.0053
2G46395.	AC45845-005	07/20/09 14:31	Soil	2G46381.	8.9580	0.0067	9.3526	0.0053
2G46396.	AC45845-006	07/20/09 14:45	Soil	2G46381.	8.9574	0.0134	9.3517	0.0043
2G46397.	AC45807-001	07/20/09 14:59	Soil	2G46381.	8.9576	0.0112	9.3522	0.0011
2G46398.	AC45807-002	07/20/09 15:13	Soil	2G46381.	8.9577	0.01	9.3521	0
2G46399.	1000PPB	07/20/09 15:58	Soil	2G46381.	8.9582	0.0045	9.3487	0.0364
2G46400.	CAL 1660@1000PPB	07/20/09 16:12	Soil	2G46381.	8.9575	0.0123	9.3490	0.0332

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

GC PCB Data
Sample Data

Form1

ORGANICS PCB REPORT

Sample Number: AC45774-001
Client Id: 1-30-185-SB01 (15-20)
Data File: 2G46354.D
Analysis Date: 07/17/09 17:17
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46354.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 17:17
Operator : MS
Sample : AC45774-001
Misc : S,PCB
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:23:45 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.836	2.817	889512	1028684	82.963	79.138m
45)	DCB-Surrogate	8.956	9.348	1156088	1470522	119.701m	107.069m

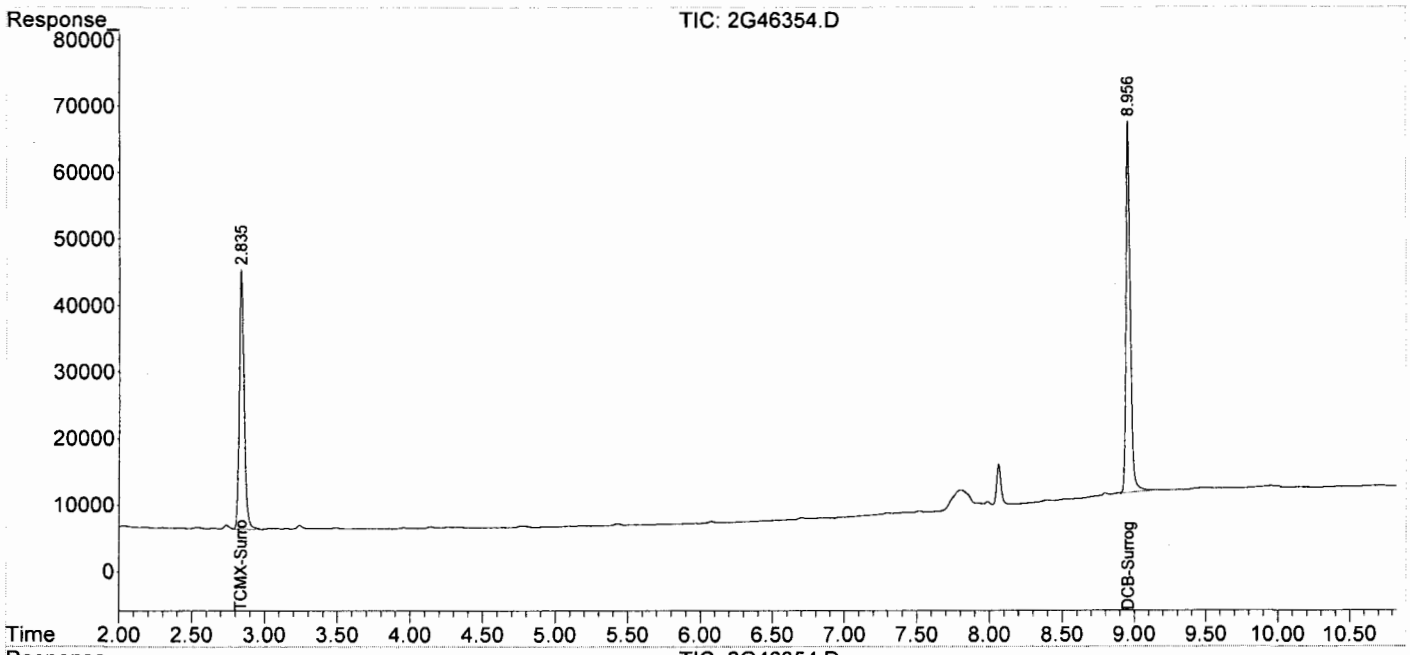
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

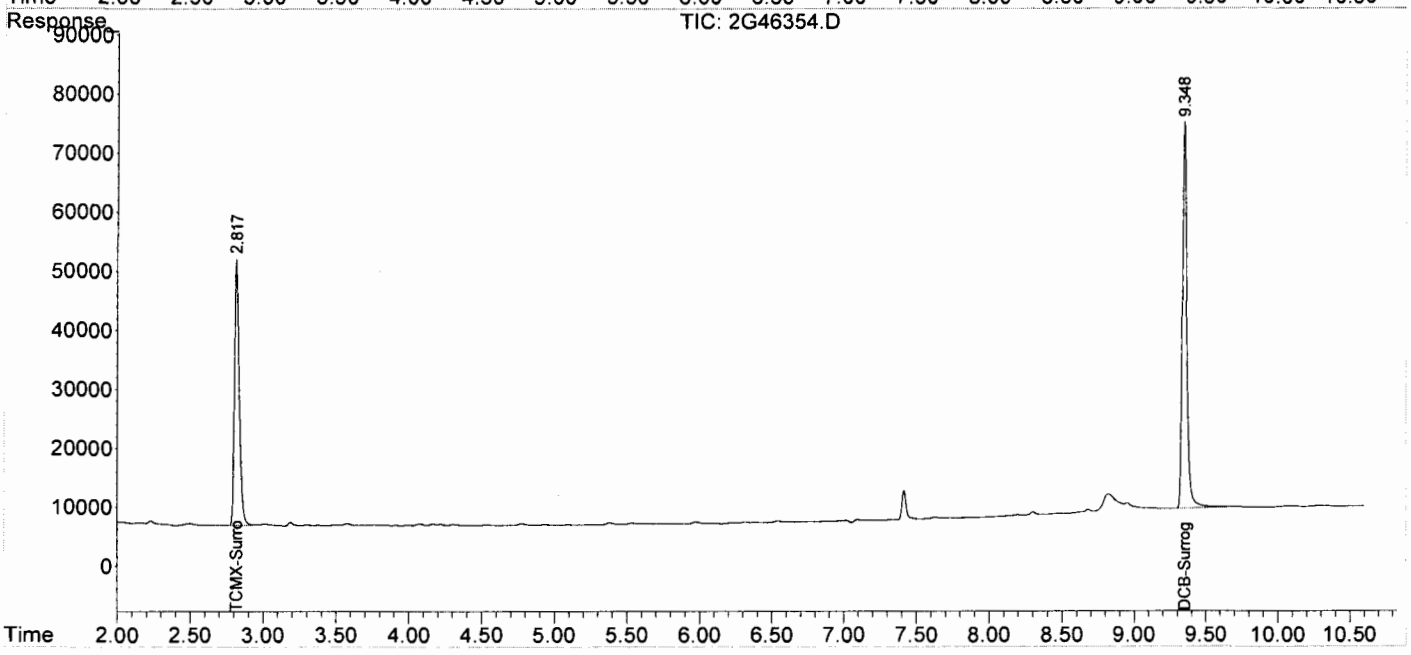
MS

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46354.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 17:17
Operator : MS
Sample : AC45774-001
Misc : S,PCB
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:23:45 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-002
Client Id: 1-30-185-SB02 (15-20)
Data File: 2G46355.D
Analysis Date: 07/17/09 17:31
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	Aroclor-1221	0.027	U	11096-82-5	Aroclor-1260	0.027	U
11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46355.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 17:31
Operator : MS
Sample : AC45774-002
Misc : S,PCB
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:26:37 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

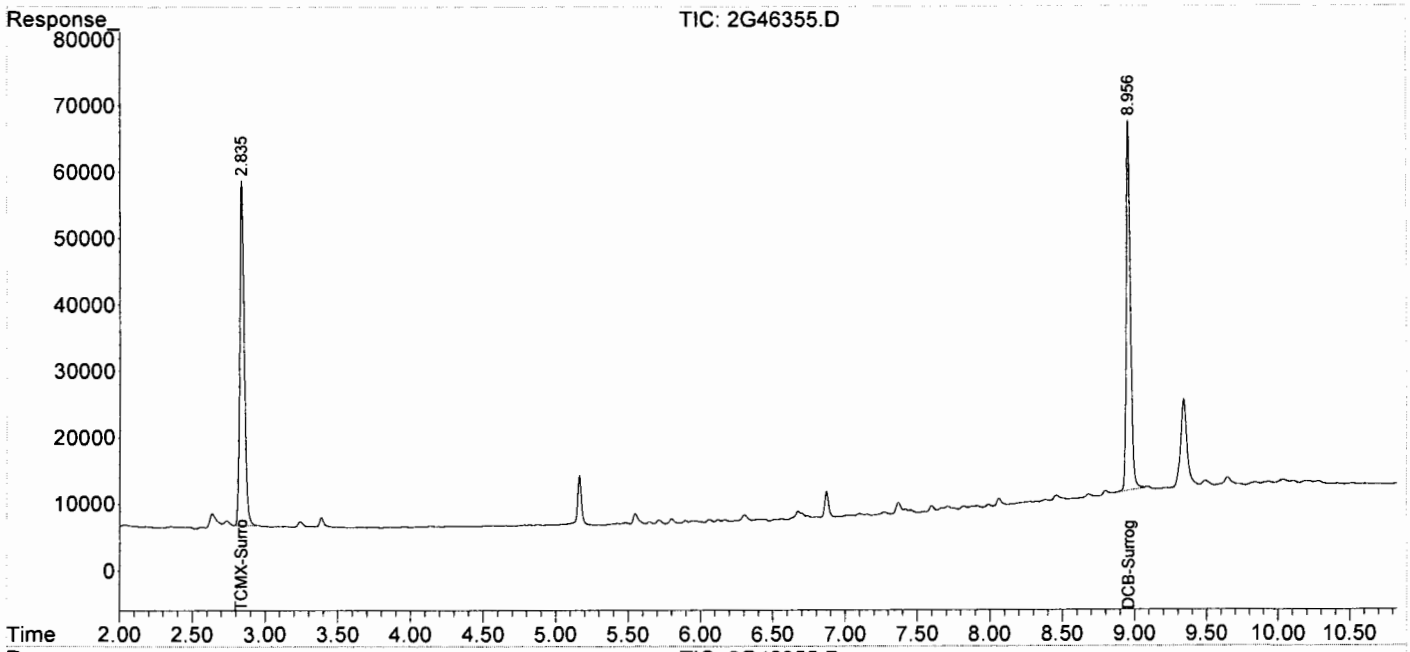
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.835	2.817	1107010	1314289	103.249m	100.820m
45)	DCB-Surrogate	8.956	9.349	1125529	1433815	116.537m	104.396m

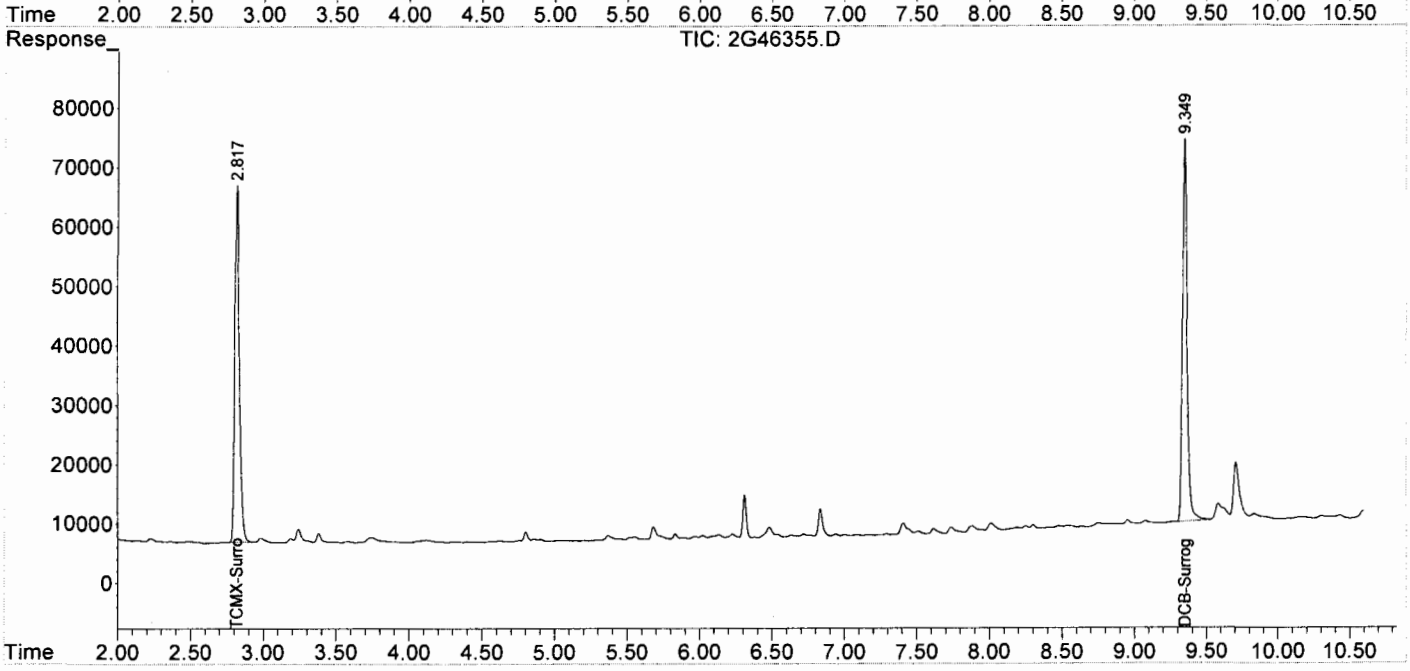
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46355.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 17:31
Operator : MS
Sample : AC45774-002
Misc : S,PCB
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:26:37 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-003
Client Id: 1-30-185-SB03 (5-10)
Data File: 2G46356.D
Analysis Date: 07/17/09 17:45
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46356.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 17:45
Operator : MS
Sample : AC45774-003
Misc : S,PCB
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:27:56 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

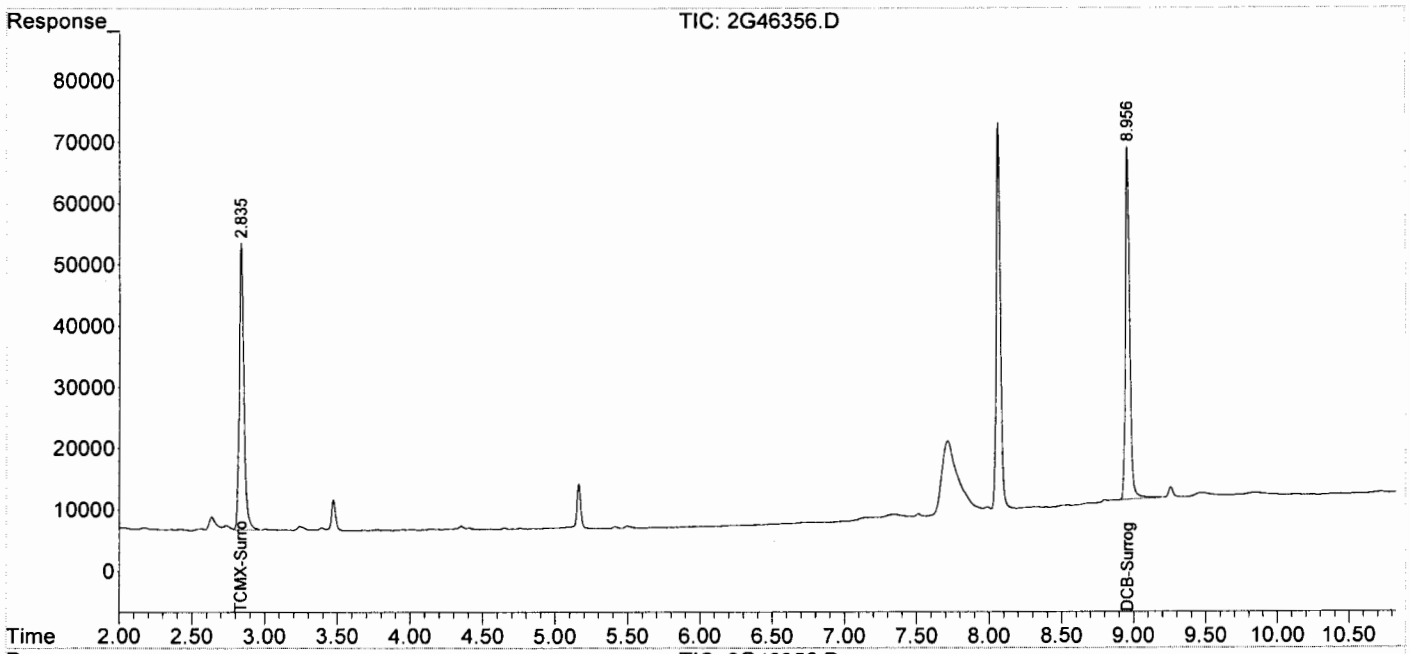
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.835	2.817	1036915	1290598	96.711m	99.026m
45)	DCB-Surrogate	8.956	9.348	1179203	1490246	122.094m	108.505m

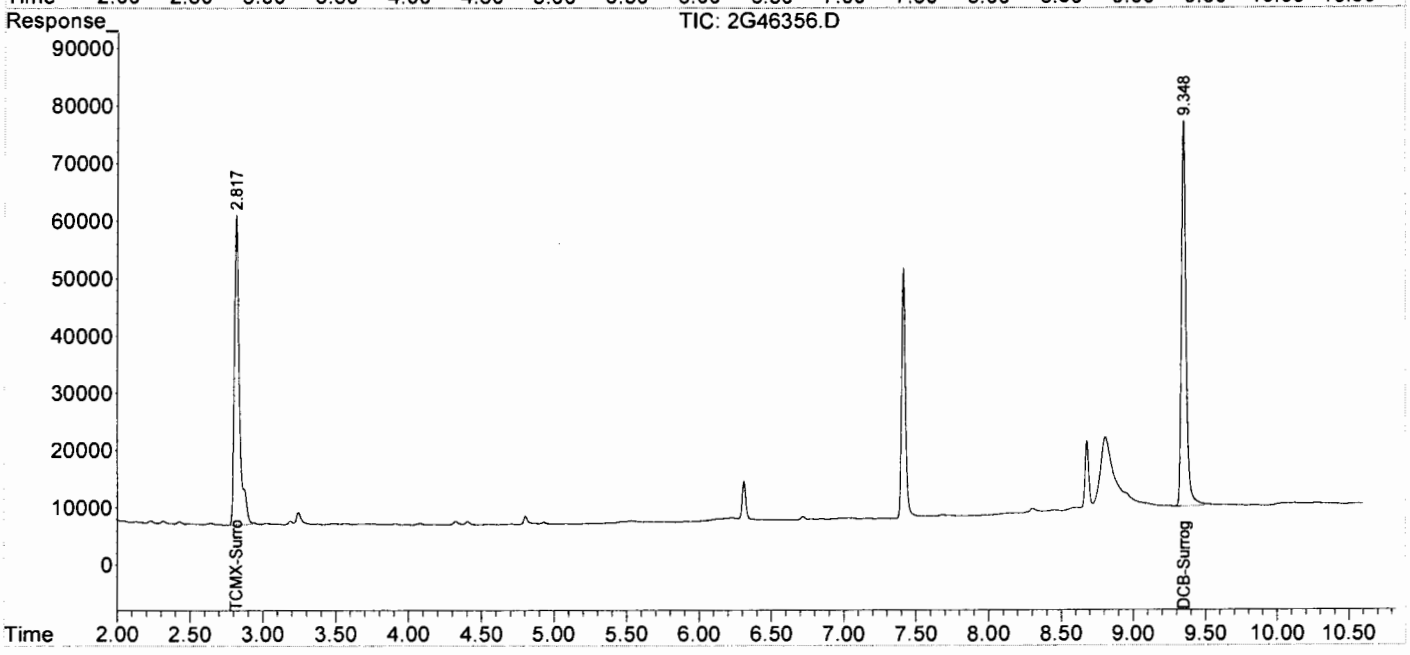
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46356.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 17:45
Operator : MS
Sample : AC45774-003
Misc : S,PCB
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:27:56 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-004
Client Id: 1-30-185-SB04 (10-15)
Data File: 2G46357.D
Analysis Date: 07/17/09 17:59
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46357.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 17:59
Operator : MS
Sample : AC45774-004
Misc : S,PCB
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:30:07 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.836	2.817	1121026	1324605	104.556m	101.600m
45)	DCB-Surrogate	8.956	9.348	1118631	1422215	115.822m	103.552m

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

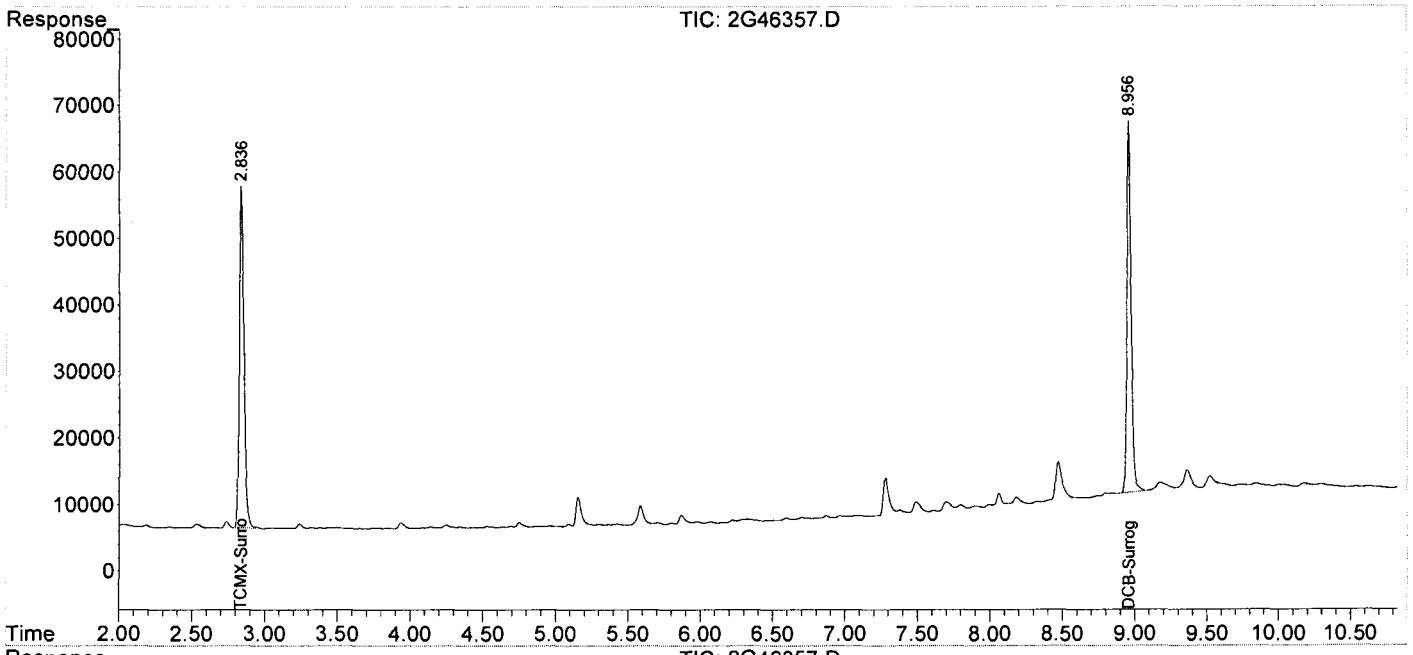
MS

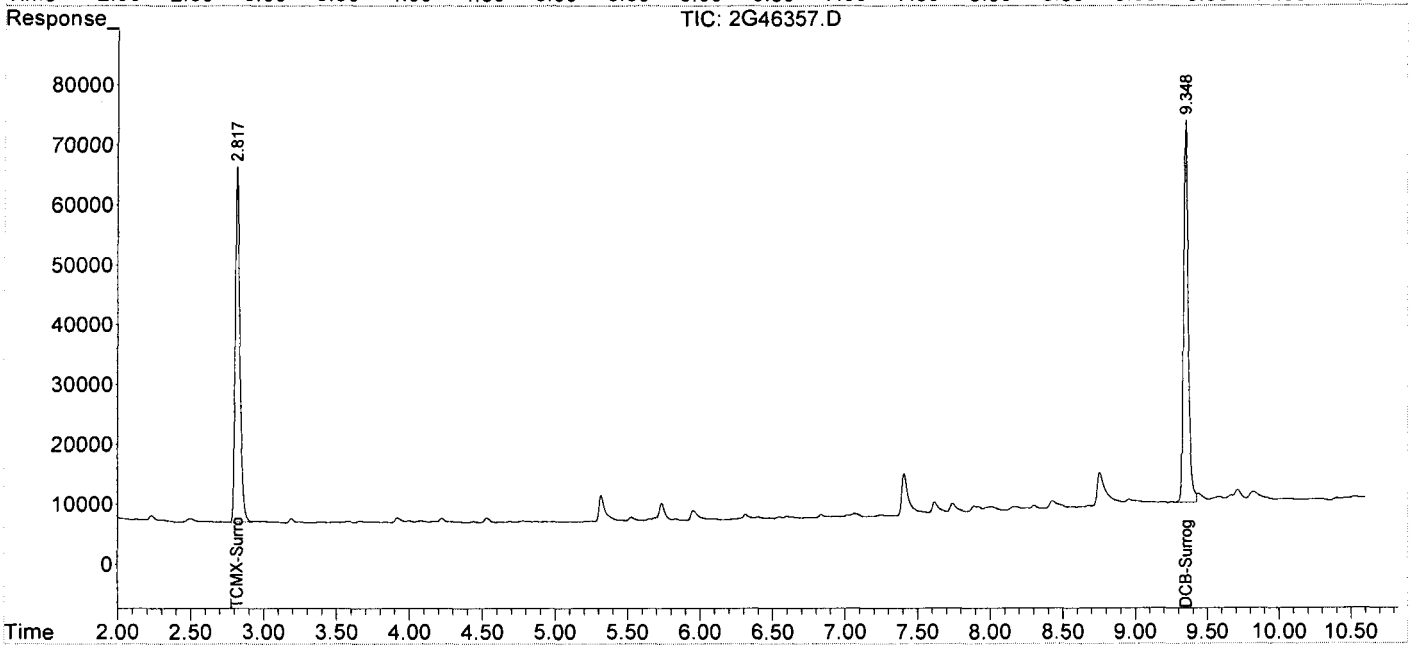
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46357.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 17:59
Operator : MS
Sample : AC45774-004
Misc : S,PCB
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:30:07 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-005
Client Id: 1-30-185-SB05 (15-20)
Data File: 2G46348.D
Analysis Date: 07/17/09 15:30
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46348.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:30
Operator : MS
Sample : AC45774-005
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 15:52:10 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.841	2.818	835443	974782	77.920m	75.033m
45)	DCB-Surrogate	8.964	9.352	1133177	1422415	117.328m	103.566m

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

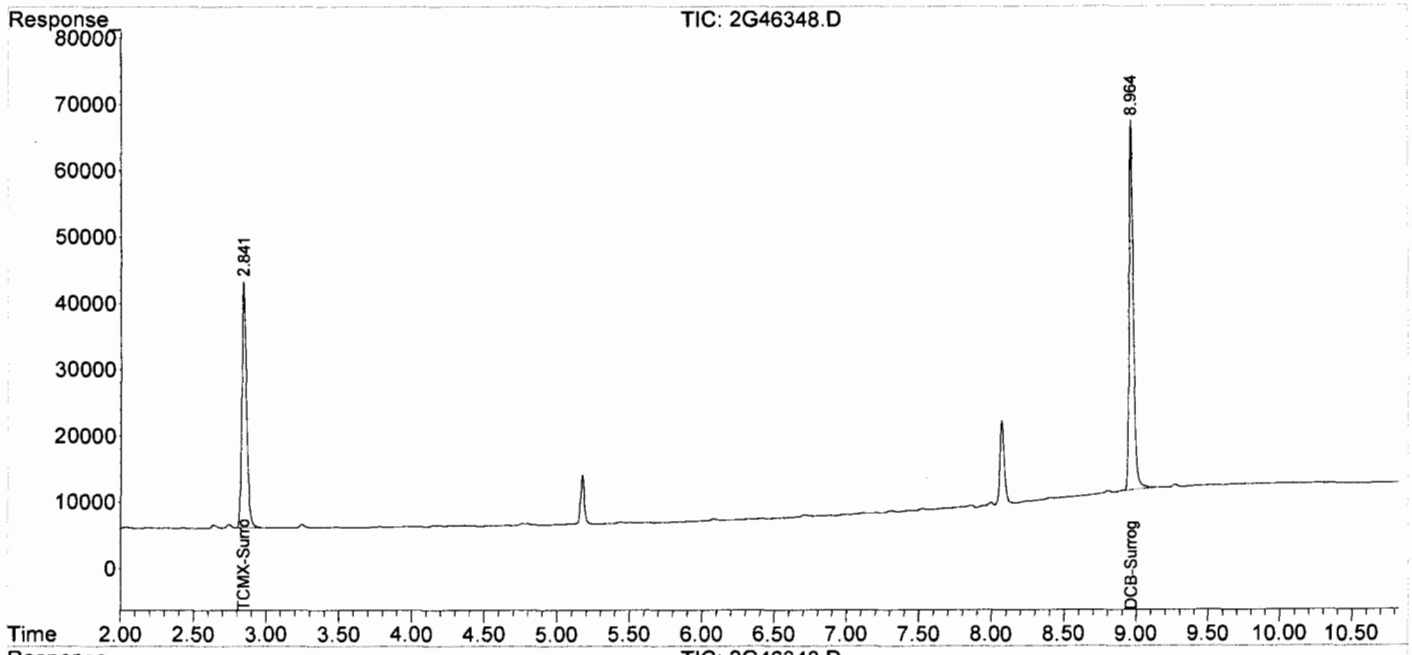
MS

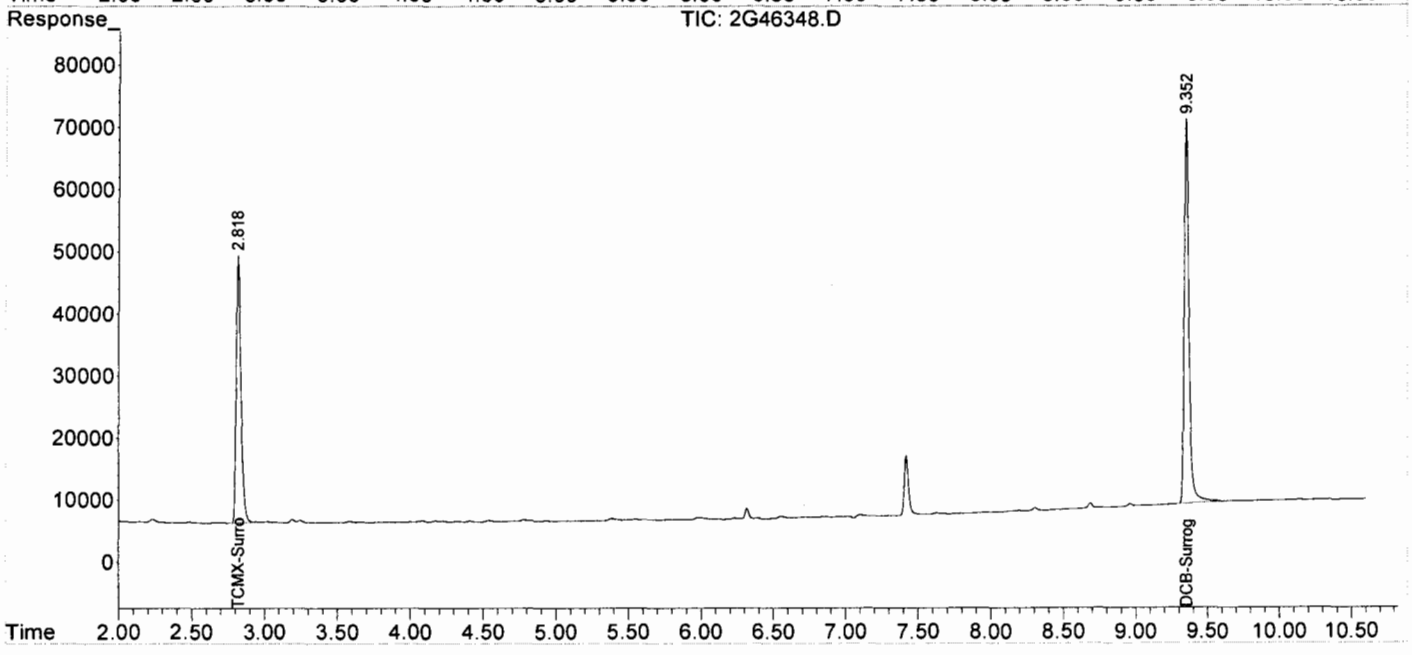
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46348.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:30
Operator : MS
Sample : AC45774-005
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 15:52:10 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-006(MS:AC45
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 2G46349.D
Analysis Date: 07/17/09 15:44
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	**Aroclor-1016**	**0.026**	**0.49**	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	**11096-82-5**	**Aroclor-1260**	**0.026**	**0.52**
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	**1336-36-3**	**Aroclor (Total)**	**0.026**	**1.01**

Worksheet #: 124818

Total Target Concentration 1

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46349.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:44
Operator : MS
Sample : AC45774-006(MS:AC45774-005)
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:16:15 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.837	2.817	900409	1060490	83.979	81.559m
2)Aroclor-1016 {1}	3.360	3.431	228552	271195	905.016	886.648
3)Aroclor-1016 {2}	3.725	3.847	420786	544114	942.682	911.959
4)Aroclor-1016 {3}	4.186	4.225	861058	1104458	950.234	961.516
5)Aroclor-1016 {4}	4.426	4.551	306095	517732	954.982	919.787
6)Aroclor-1016 {5}	4.545	4.918	605788	367958	967.435	1016.396
7)Aroclor-1260 {1}	6.058	6.226	530268	726682	1002.071	1003.073
8)Aroclor-1260 {2}	6.313	6.318	617879	790587	1003.535	998.987
9)Aroclor-1260 {3}	6.509	6.943	352168	306585	991.374	963.858m
10)Aroclor-1260 {4}	7.095	7.296	456930	496928	1046.463	949.663m
11)Aroclor-1260 {5}	7.821	7.997	755202	639071	1018.475	940.846
45)DCB-Surrogate	8.958	9.350	1021673	1273129	105.783m	92.697m

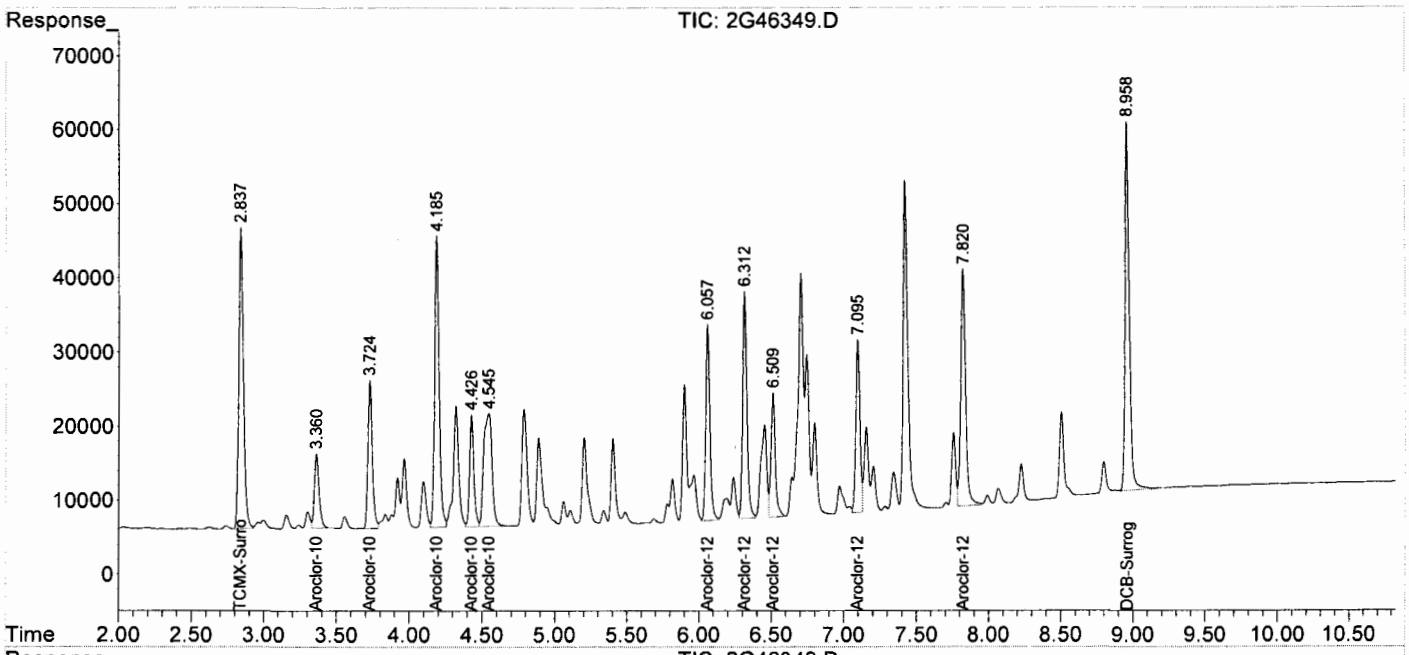
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

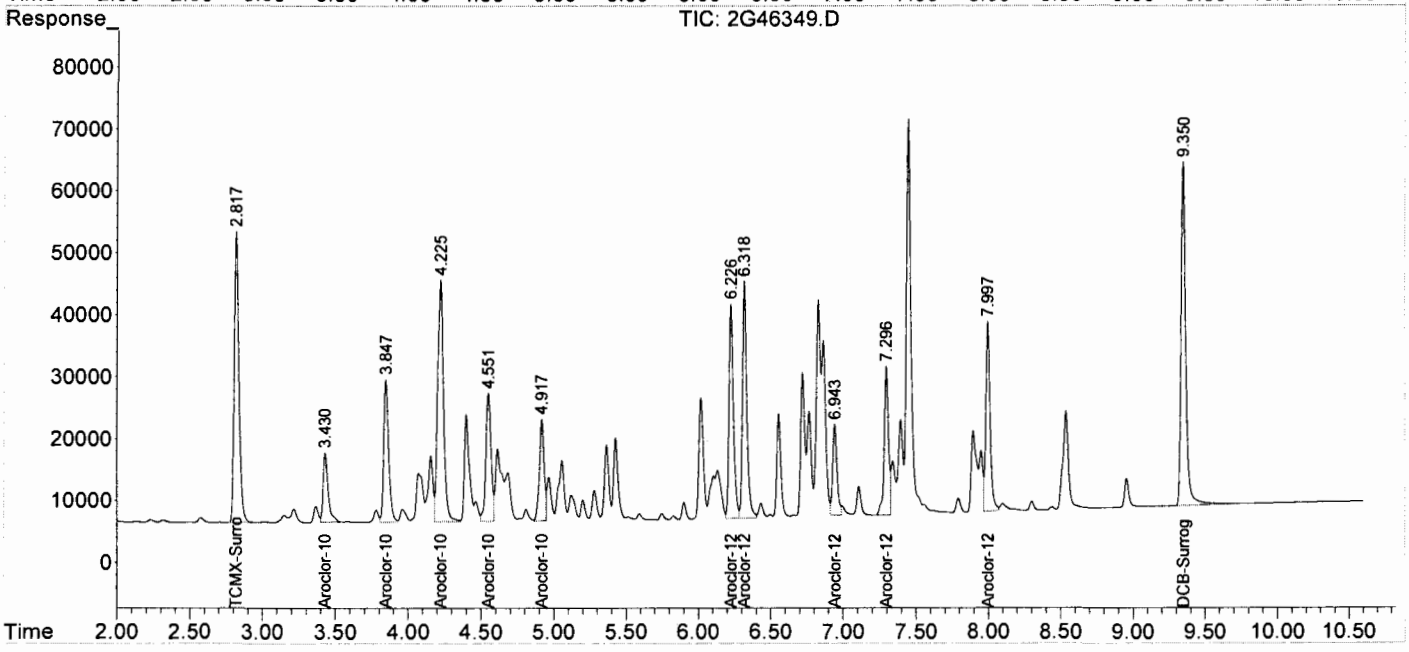
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46349.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:44
Operator : MS
Sample : AC45774-006(MS:AC45774-005)
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:16:15 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-007(MSD:AC
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 2G46350.D
Analysis Date: 07/17/09 15:58
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	**Aroclor-1016**	**0.027**	**0.56**	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	Aroclor-1221	0.027	U	**11096-82-5**	**Aroclor-1260**	**0.027**	**0.59**
11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	**1336-36-3**	**Aroclor (Total)**	**0.027**	**1.15**

Worksheet #: 124818

Total Target Concentration 1.2

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46350.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:58
Operator : MS
Sample : AC45774-007(MSD:AC45774-005)
Misc : S,PCB
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:17:58 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.836	2.816	1032950	1230346	96.341	94.460m
2)Aroclor-1016 {1}	3.359	3.430	259048	301607	1032.664	989.897
3)Aroclor-1016 {2}	3.724	3.846	464947	601077	1047.296	1011.113
4)Aroclor-1016 {3}	4.184	4.224	948668	1202199	1050.566	1046.607
5)Aroclor-1016 {4}	4.425	4.551	341091	564832	1068.731	1006.085
6)Aroclor-1016 {5}	4.543	4.917	664996	395965	1067.166	1093.759
7)Aroclor-1260 {1}	6.057	6.226	574917	788639	1090.389	1088.594
8)Aroclor-1260 {2}	6.312	6.318	669399	856147	1090.637	1081.829
9)Aroclor-1260 {3}	6.508	6.943	383776	335771	1080.351	1055.617m
10)Aroclor-1260 {4}	7.094	7.295	499022	545398	1142.862	1042.294m
11)Aroclor-1260 {5}	7.819	7.997	830794	710406	1120.419	1045.865
45)DCB-Surrogate	8.957	9.349	1133522	1424059	117.364m	103.686m

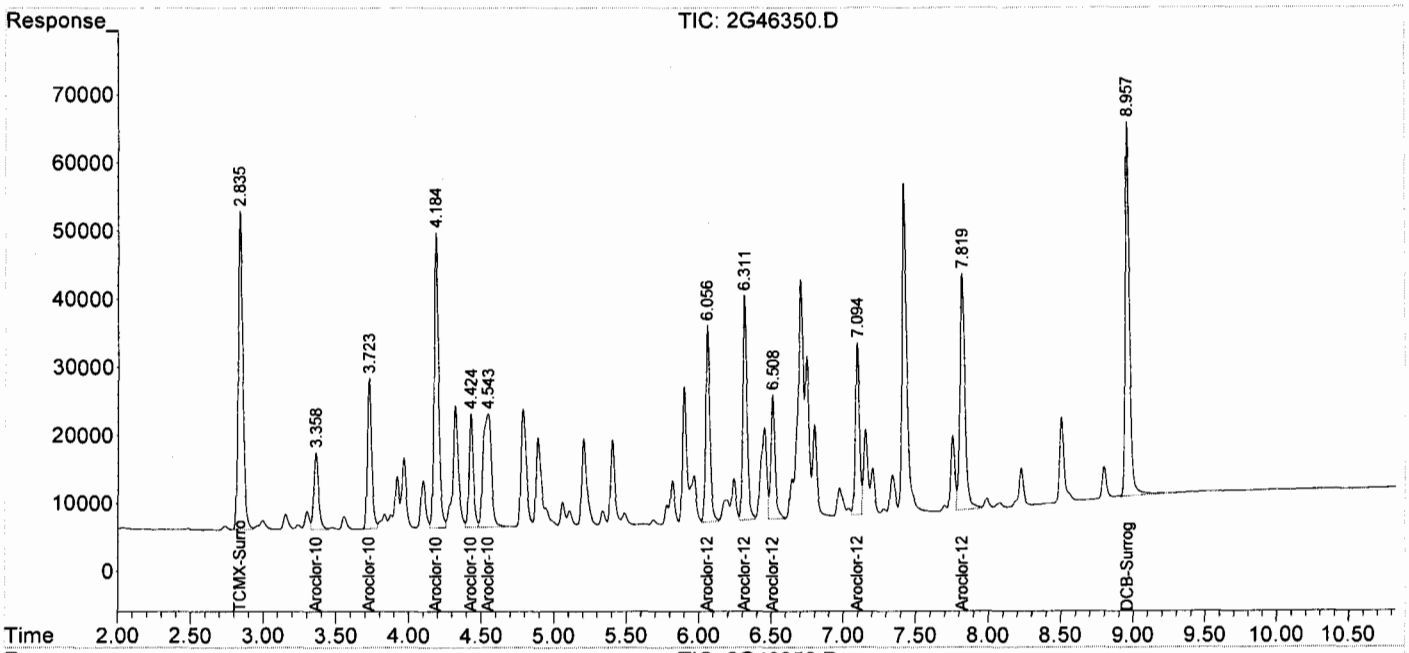
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

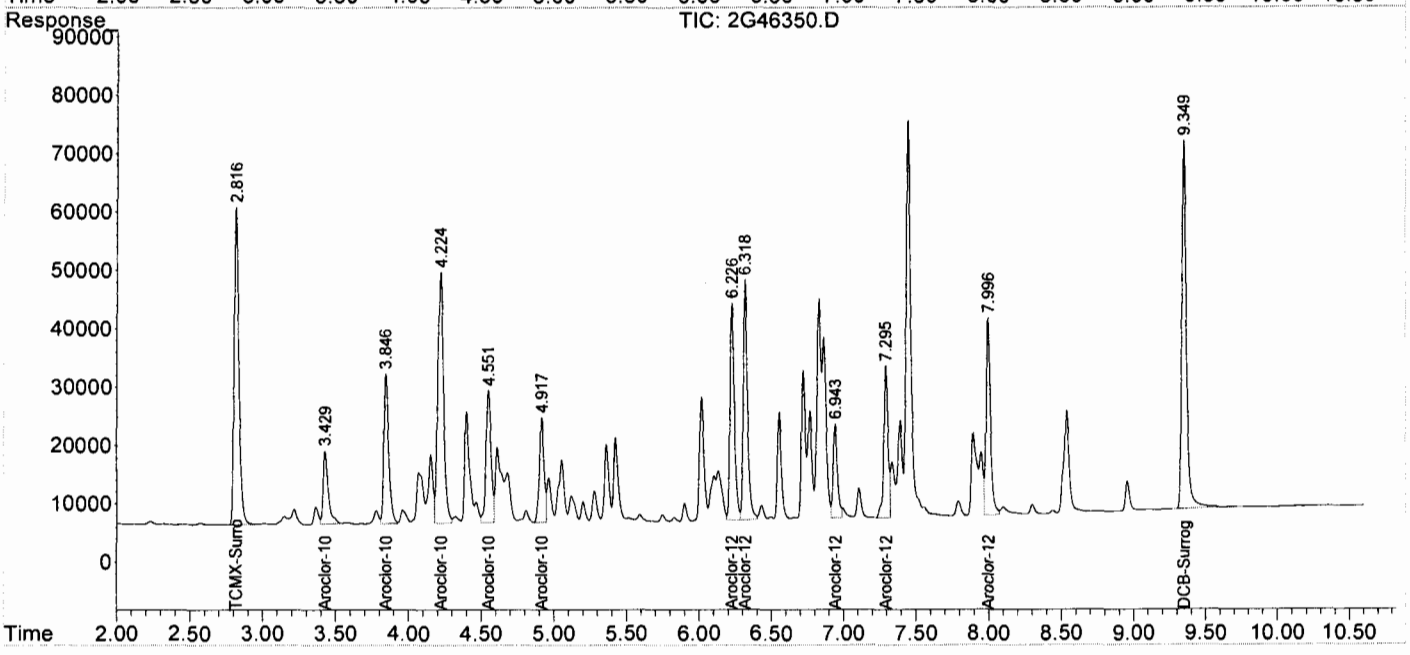
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46350.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:58
Operator : MS
Sample : AC45774-007(MSD:AC45774-005)
Misc : S,PCB
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:17:58 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-008
Client Id: 1-30-185-GP01 (30)
Data File: 2G46376.D
Analysis Date: 07/20/09 09:28
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 910ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46376.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:28
Operator : MS
Sample : AC45774-008
Misc : A,PCB
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 09:53:41 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.842	2.819	946135	1093762	88.244	84.090m
45)	DCB-Surrogate	8.963	9.354	869967	1004545	90.076	73.141

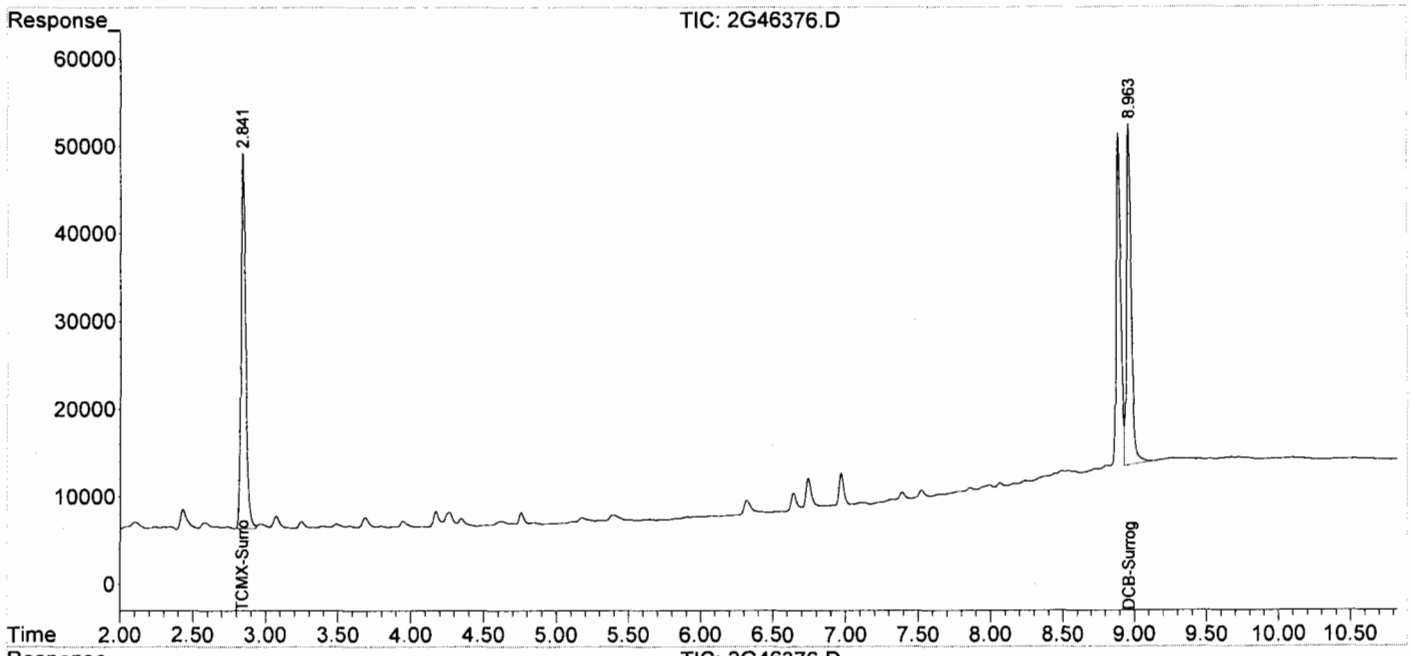
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

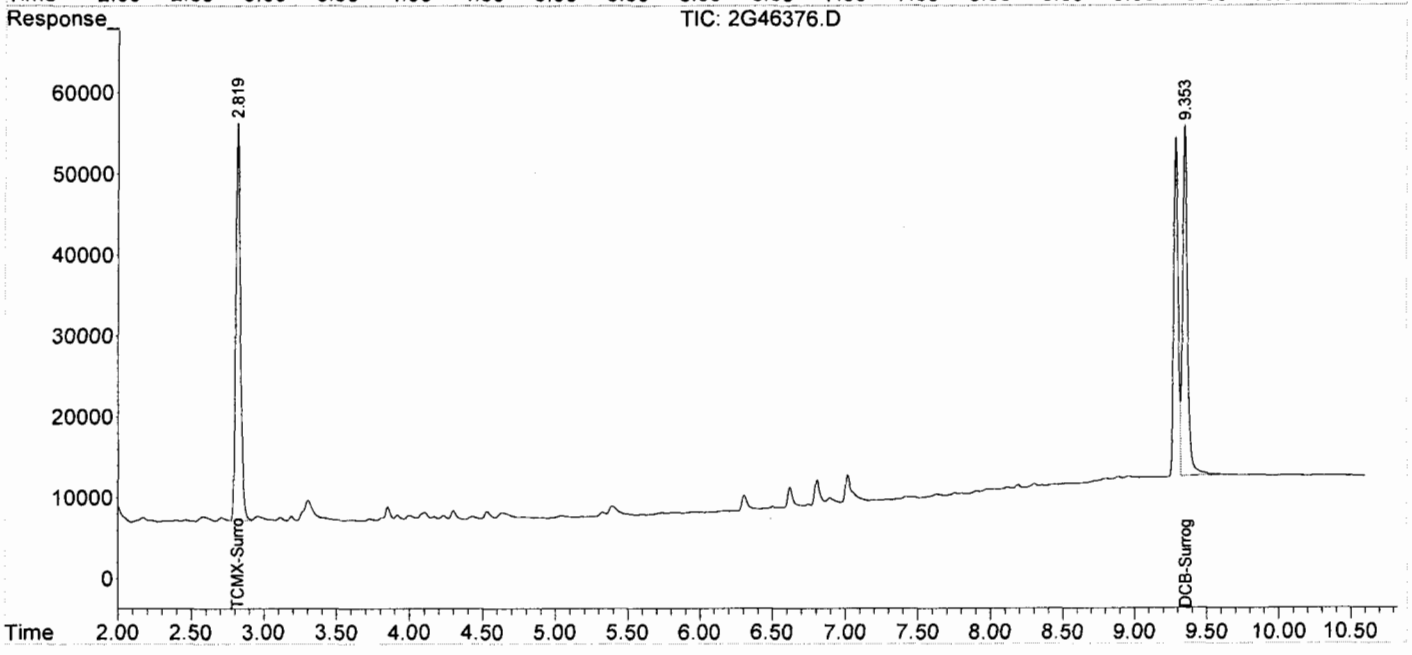
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46376.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:28
Operator : MS
Sample : AC45774-008
Misc : A,PCB
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 09:53:41 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-009(MS:AC45
Client Id: 1-30-185-GP01(30) MS
Data File: 2G46377.D
Analysis Date: 07/20/09 09:42
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	**Aroclor-1016**	**0.27**	**5.9**	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	**11096-82-5**	**Aroclor-1260**	**0.27**	**6.2**
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	**1336-36-3**	**Aroclor (Total)**	**0.27**	**12.1**

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46377.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:42
Operator : MS
Sample : AC45774-009(MS:AC45774-008)
Misc : A,PCB
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:12:41 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

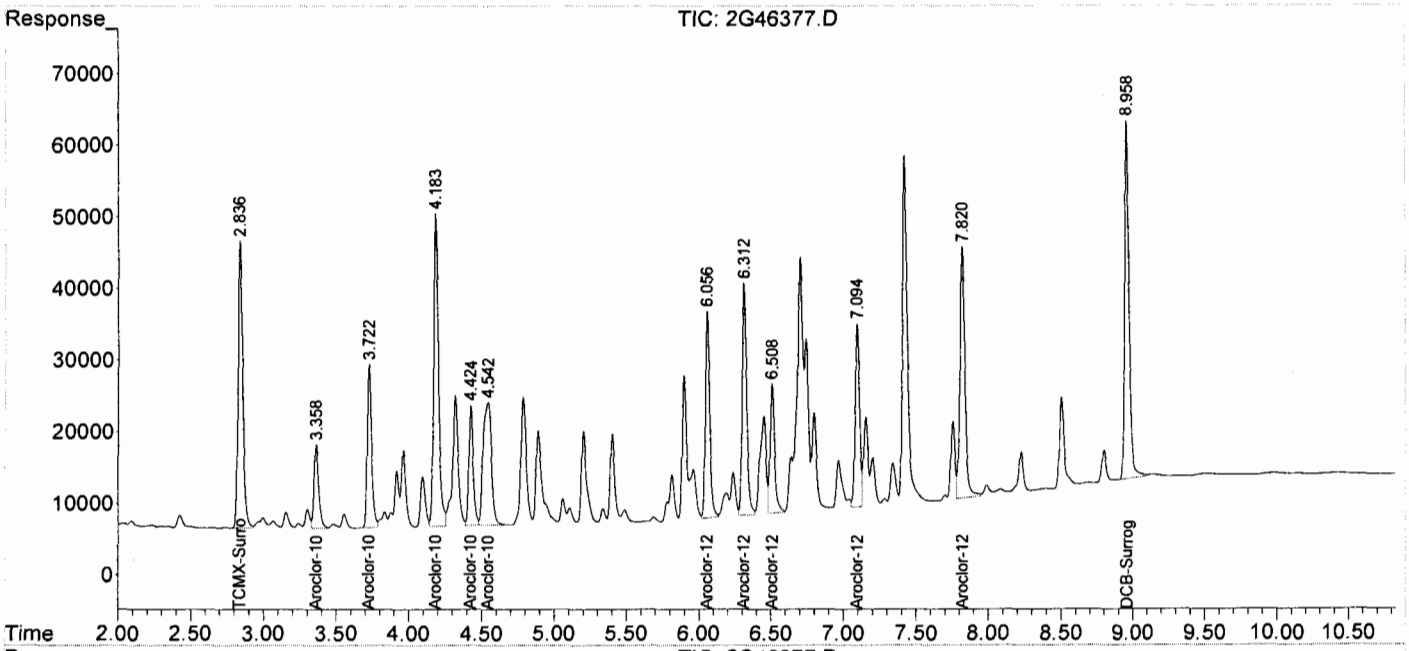
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.836	2.818	878105	998401	81.899m	76.832m
2)Aroclor-1016 {1}	3.358	3.430	266185	308703	1062.800	1014.105
3)Aroclor-1016 {2}	3.723	3.847	484381	633195	1093.720	1067.355
4)Aroclor-1016 {3}	4.184	4.225	1012090	1263445	1123.653	1099.926
5)Aroclor-1016 {4}	4.424	4.551	349055	594550	1094.759	1060.773
6)Aroclor-1016 {5}	4.542	4.918	683254	401295	1098.127	1108.484
7)Aroclor-1260 {1}	6.056	6.227	606288	797628	1152.848	1101.004
8)Aroclor-1260 {2}	6.312	6.320	702354	857093	1146.653	1083.025
9)Aroclor-1260 {3}	6.508	6.944	399030	320460	1123.291	1007.481m
10)Aroclor-1260 {4}	7.095	7.296	527758	550749	1208.675	1052.520m
11)Aroclor-1260 {5}	7.820	7.999	862067	722902	1162.594	1064.263
45)DCB-Surrogate	8.958	9.352	1077755	1270439	111.590m	92.501m

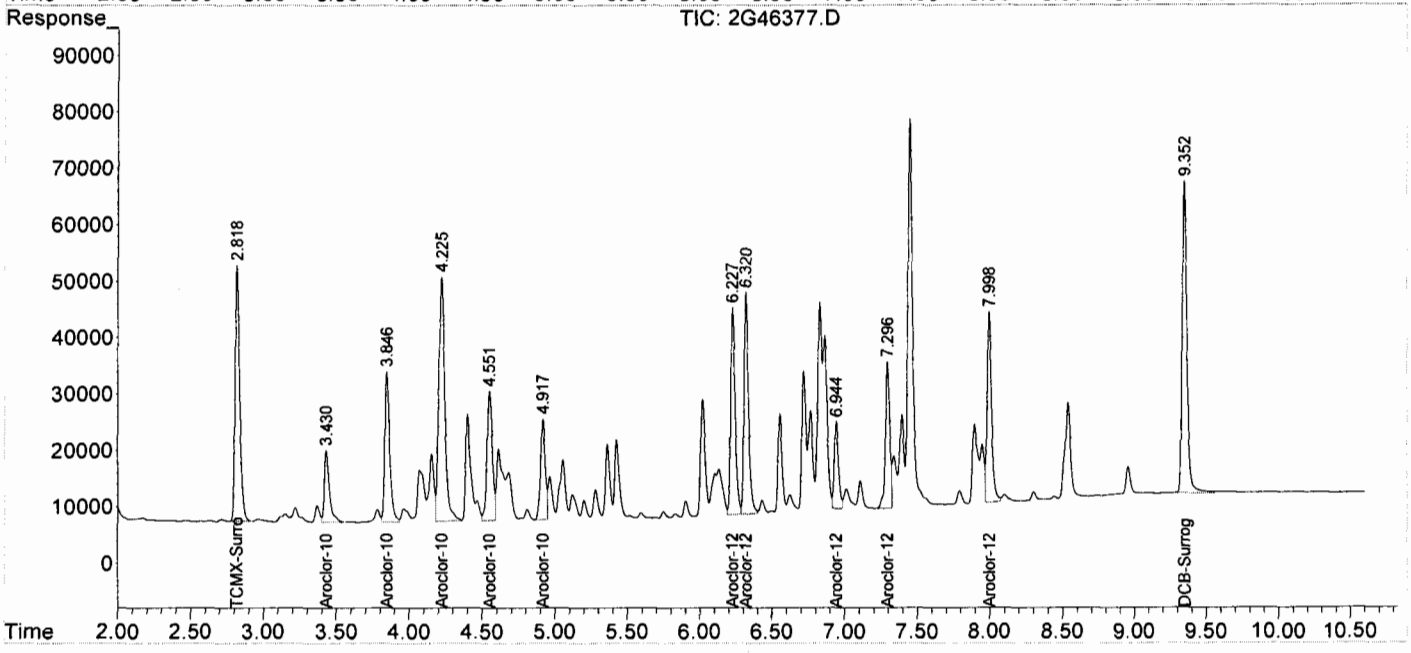
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46377.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:42
Operator : MS
Sample : AC45774-009(MS:AC45774-008)
Misc : A,PCB
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:12:41 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-010(MSD:AC
Client Id: 1-30-185-GP01 (30) MSD
Data File: 2G46378.D
Analysis Date: 07/20/09 09:56
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	**Aroclor-1016**	**0.27**	**5.8**	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	**11096-82-5**	**Aroclor-1260**	**0.27**	**6.1**
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	**1336-36-3**	**Aroclor (Total)**	**0.27**	**11.9**

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46378.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:56
Operator : MS
Sample : AC45774-010(MSD:AC45774-008)
Misc : A,PCB
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:13:58 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.838	2.821	916478	1046048	85.478m	80.460m
2)Aroclor-1016 {1}	3.360	3.432	265017	301244	1057.862	988.657
3)Aroclor-1016 {2}	3.725	3.849	474165	610566	1069.286	1027.705
4)Aroclor-1016 {3}	4.185	4.226	977559	1216587	1083.812	1059.132
5)Aroclor-1016 {4}	4.425	4.552	340113	565865	1065.539	1007.983
6)Aroclor-1016 {5}	4.543	4.919	668748	387389	1073.520	1070.070
7)Aroclor-1260 {1}	6.056	6.227	587052	770679	1114.511	1063.804
8)Aroclor-1260 {2}	6.312	6.320	683669	827412	1114.863	1045.519
9)Aroclor-1260 {3}	6.508	6.944	387584	311996	1091.070	980.870m
10)Aroclor-1260 {4}	7.094	7.296	503878	529595	1153.985	1012.093m
11)Aroclor-1260 {5}	7.819	7.999	811206	685807	1094.003	1009.650
45)DCB-Surrogate	8.958	9.352	1031589	1224338	106.810	89.144

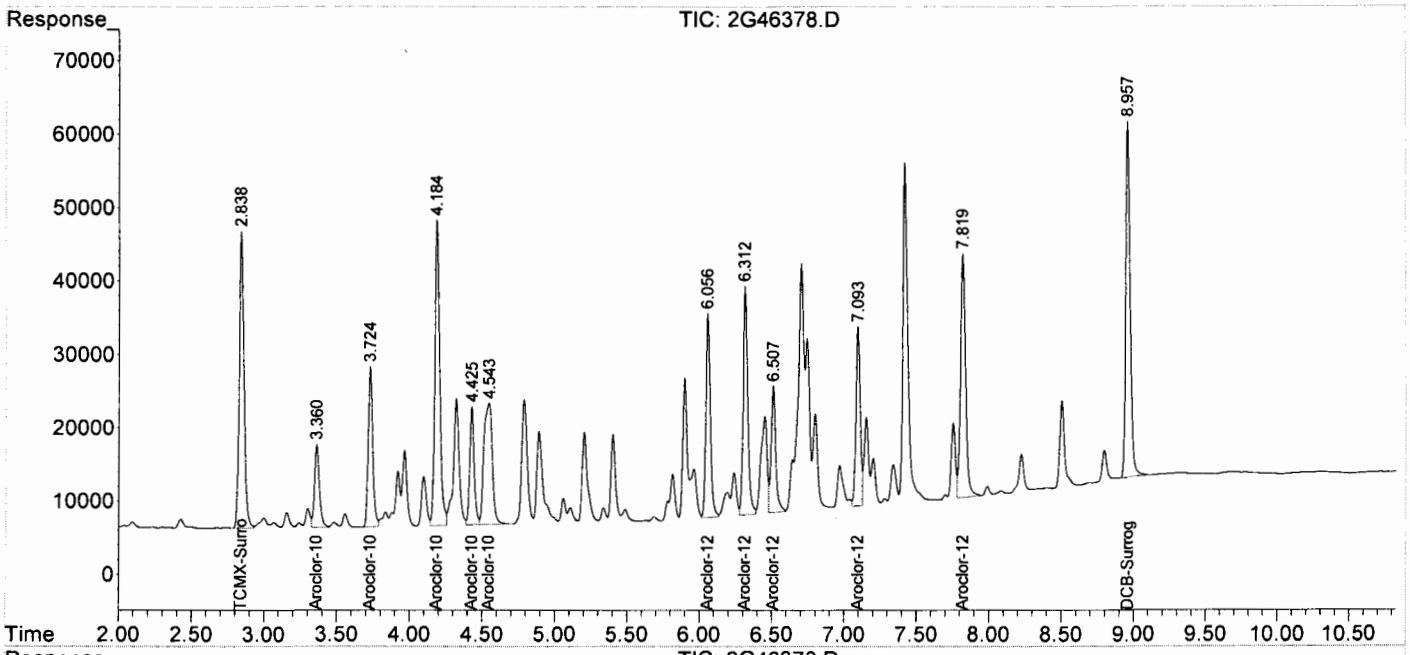
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

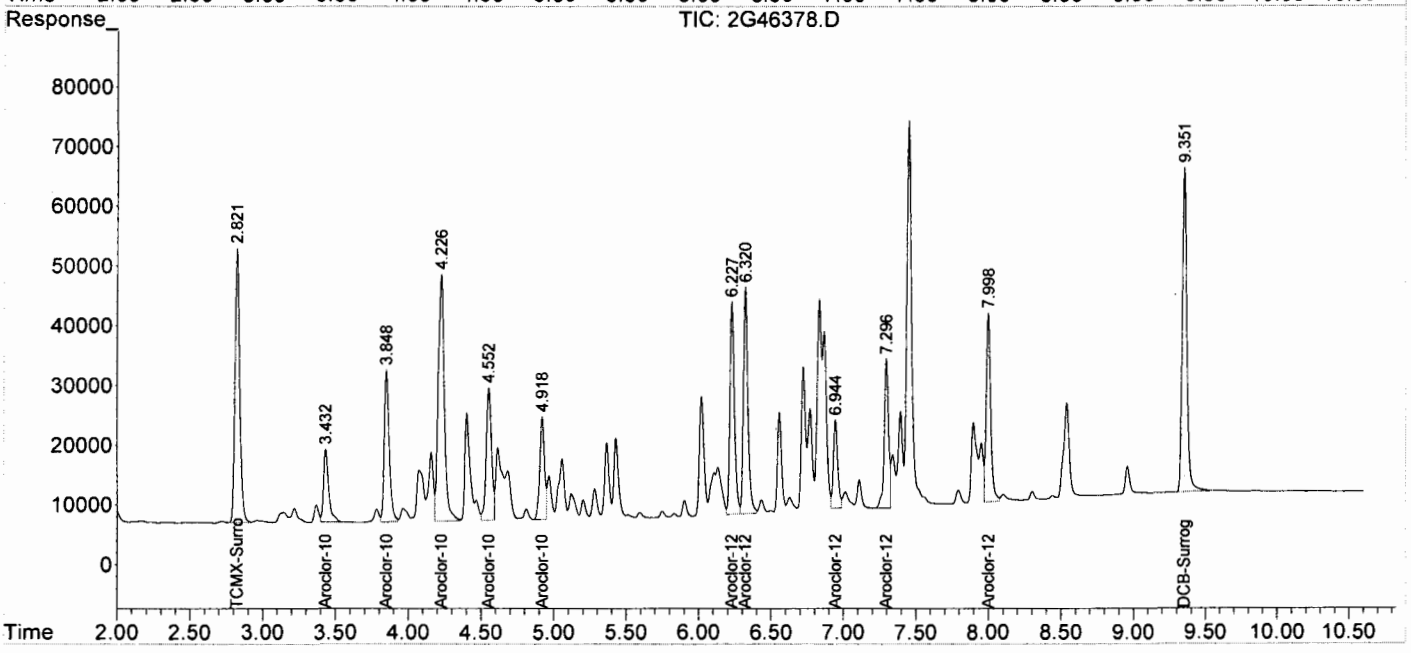
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46378.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:56
Operator : MS
Sample : AC45774-010(MSD:AC45774-008)
Misc : A,PCB
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:13:58 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-011
Client Id: 1-30-185-GP02 (30)
Data File: 2G46385.D
Analysis Date: 07/20/09 12:10
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0732

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46385.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:10
Operator : MS
Sample : AC45774-011
Misc : A,PCB
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:23:23 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.840	2.822	1050378	1187984	97.967m	91.247m
45)DCB-Surrogate	8.956	9.350	703493	804375	72.839m	58.567m

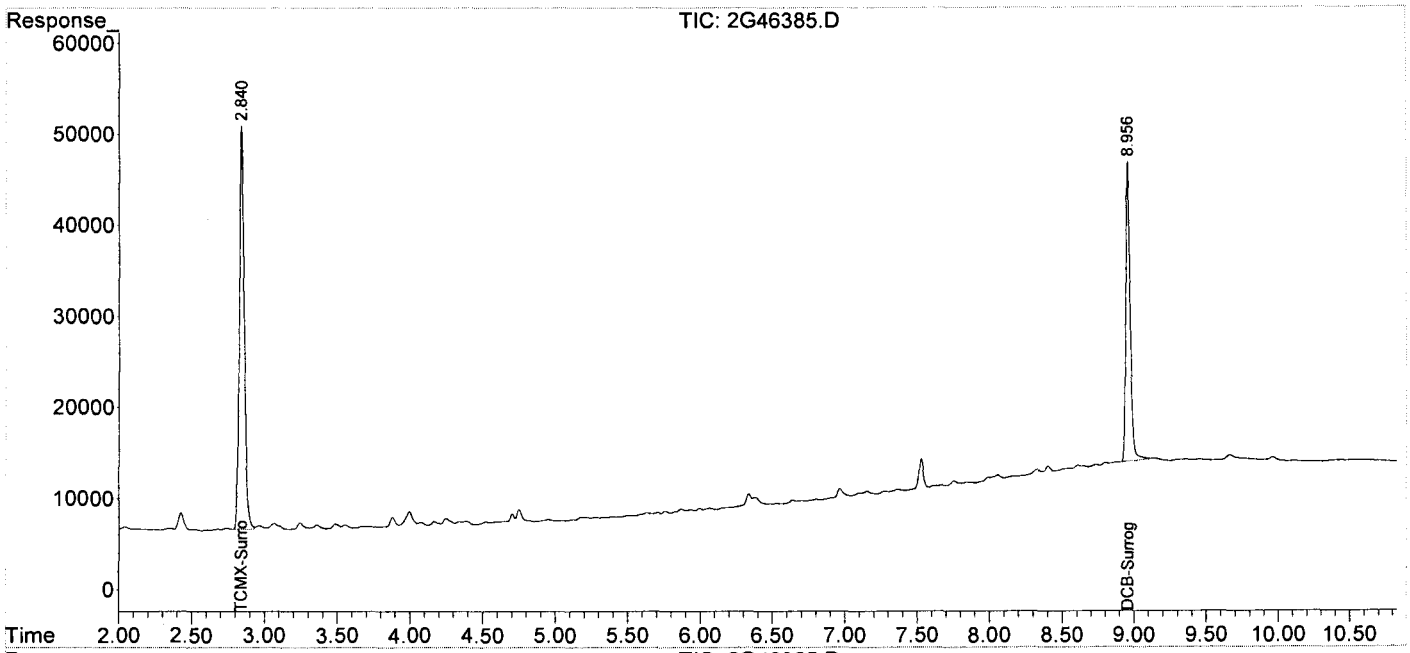
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

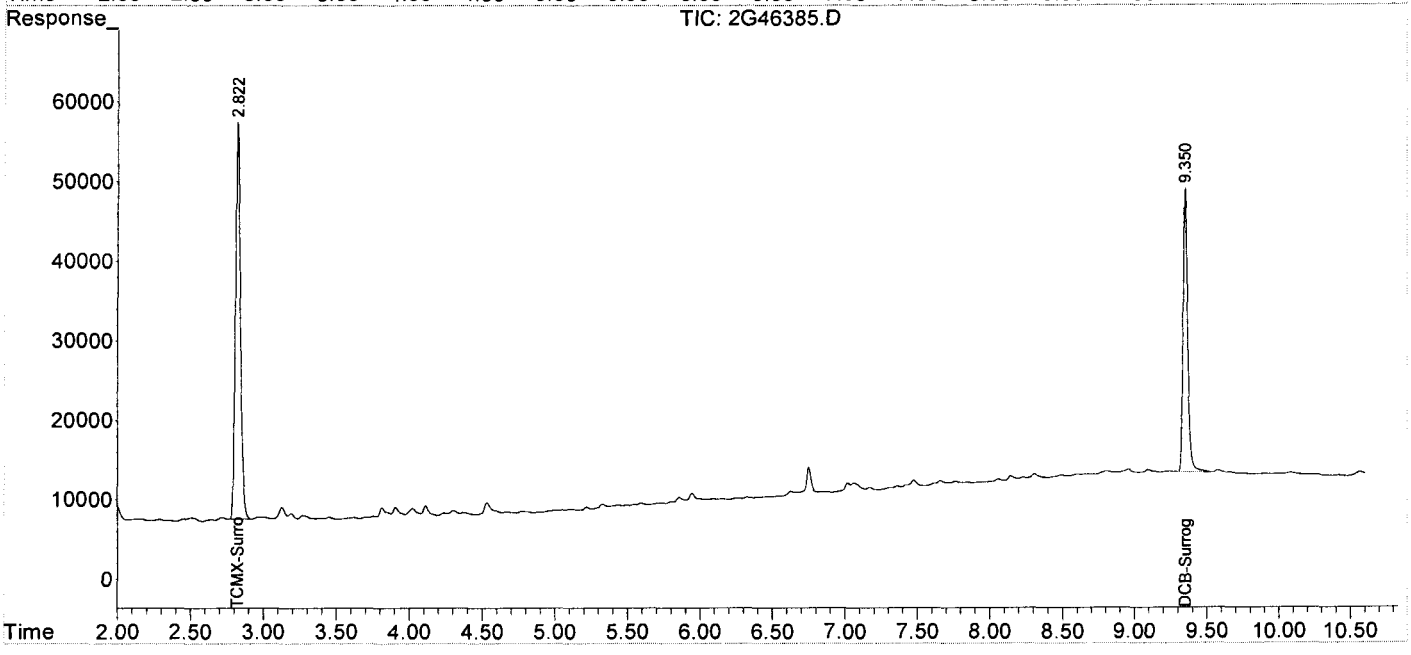
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46385.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:10
Operator : MS
Sample : AC45774-011
Misc : A,PCB
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:23:23 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-012
Client Id: 1-30-185-GP03 (25)
Data File: 2G46386.D
Analysis Date: 07/20/09 12:24
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46386.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:24
Operator : MS
Sample : AC45774-012
Misc : A,PCB
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:03:17 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

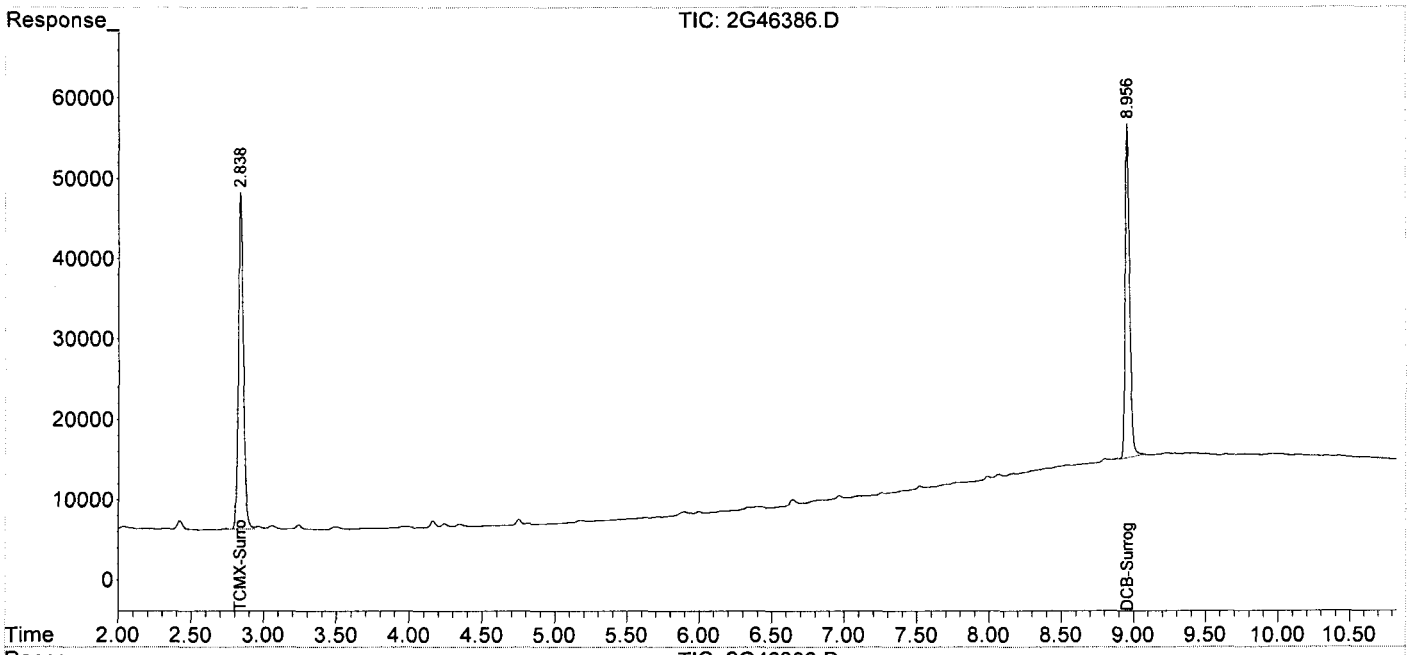
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.838	2.822	997337	1115531	93.020m	85.744m
45)DCB-Surrogate	8.956	9.351	878231	1060948	90.931m	77.248m

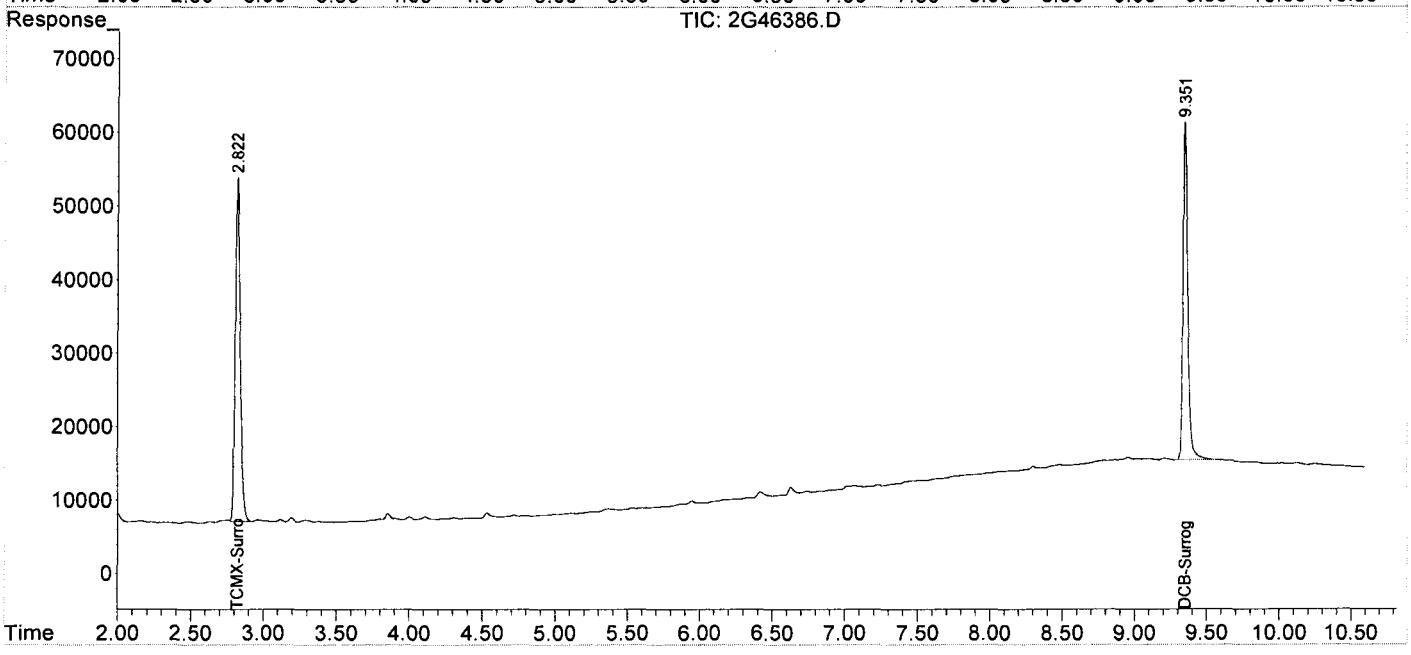
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46386.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:24
Operator : MS
Sample : AC45774-012
Misc : A,PCB
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:03:17 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-013
Client Id: 1-30-185-GP04 (25)
Data File: 2G46387.D
Analysis Date: 07/20/09 12:38
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.26	U	11097-69-1	Aroclor-1254	0.26	U
11104-28-2	Aroclor-1221	0.26	U	11096-82-5	Aroclor-1260	0.26	U
11141-16-5	Aroclor-1232	0.26	U	37324-23-5	Aroclor-1262	0.26	U
53469-21-9	Aroclor-1242	0.26	U	11100-14-4	Aroclor-1268	0.26	U
12672-29-6	Aroclor-1248	0.26	U	1336-36-3	Aroclor (Total)	0.26	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46387.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:38
Operator : MS
Sample : AC45774-013
Misc : A,PCB
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:03:52 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.840	2.822	1003245	1132058	93.571m	87.000m
45)DCB-Surrogate	8.957	9.351	908165	1062822	94.031m	77.384m

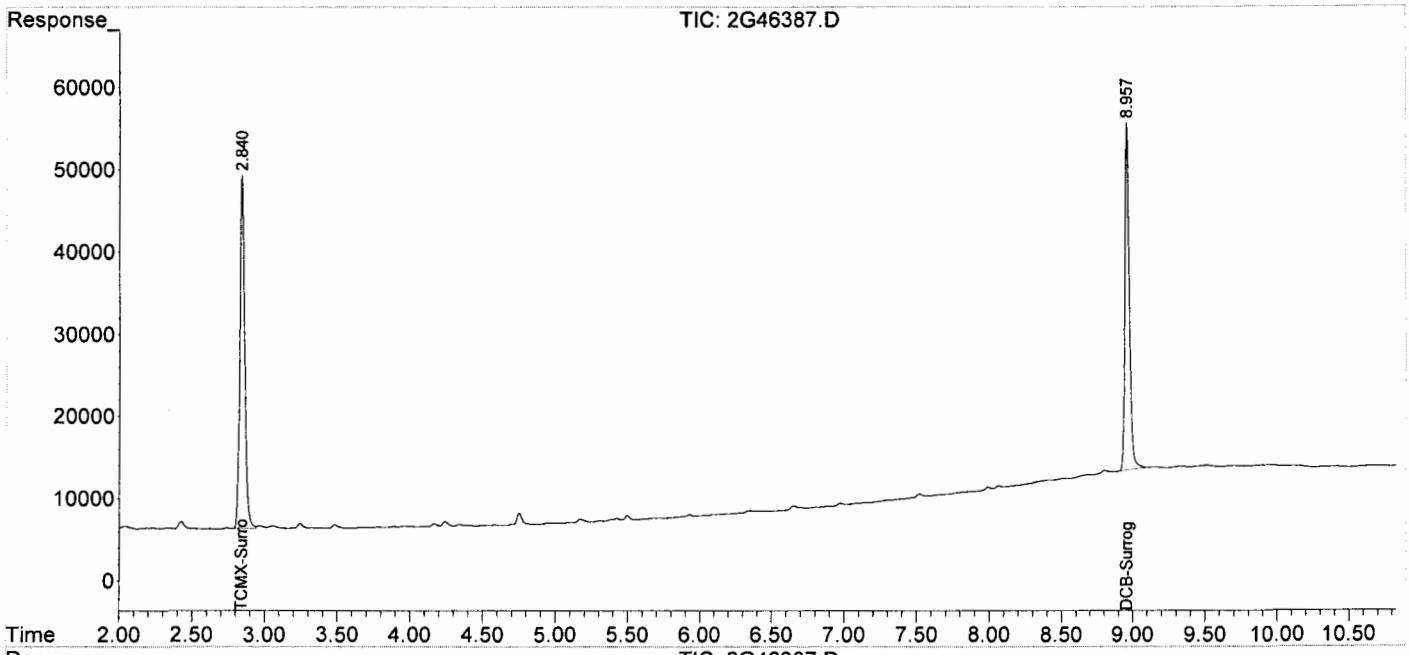
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

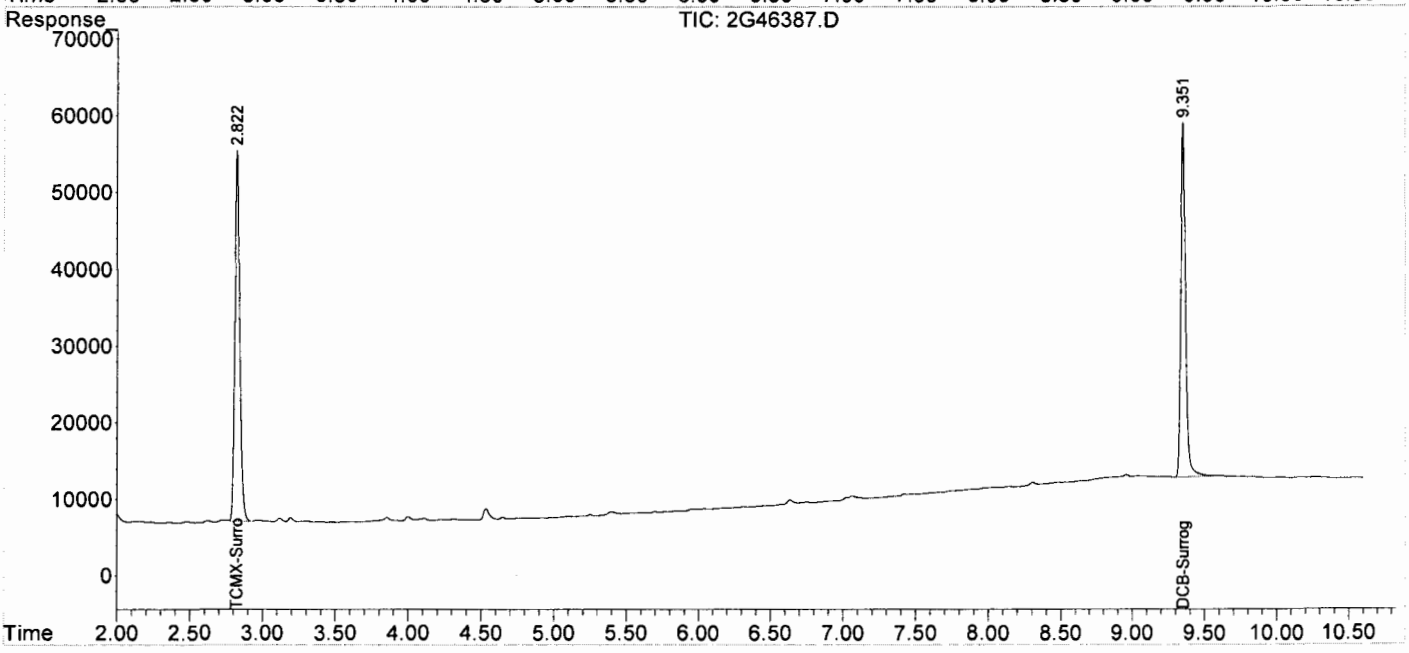
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46387.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:38
Operator : MS
Sample : AC45774-013
Misc : A,PCB
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:03:52 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-014
Client Id: 1-30-185-GP05 (25)
Data File: 2G46388.D
Analysis Date: 07/20/09 12:52
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46388.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:52
Operator : MS
Sample : AC45774-014
Misc : A,PCB
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:10:59 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

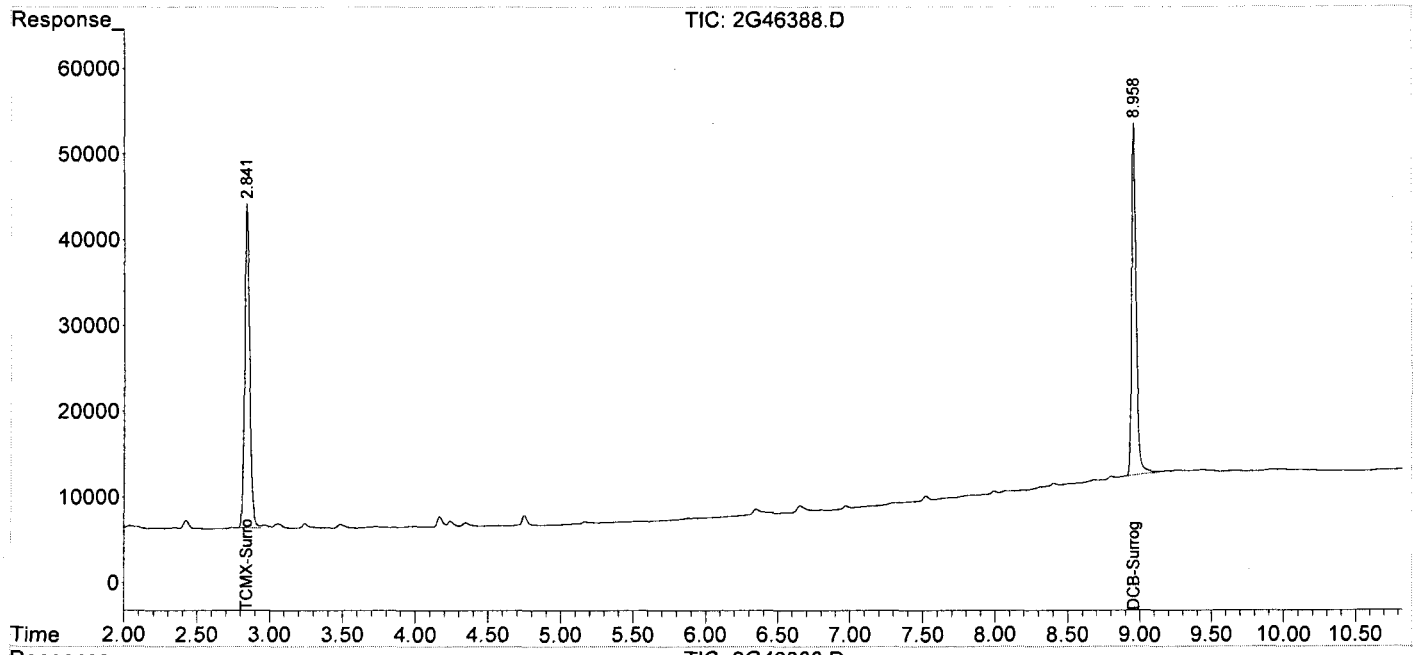
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.841	2.824	908699	1021190	84.753	78.568m
45)	DCB-Surrogate	8.958	9.353	888388	1034173	91.983m	75.298m

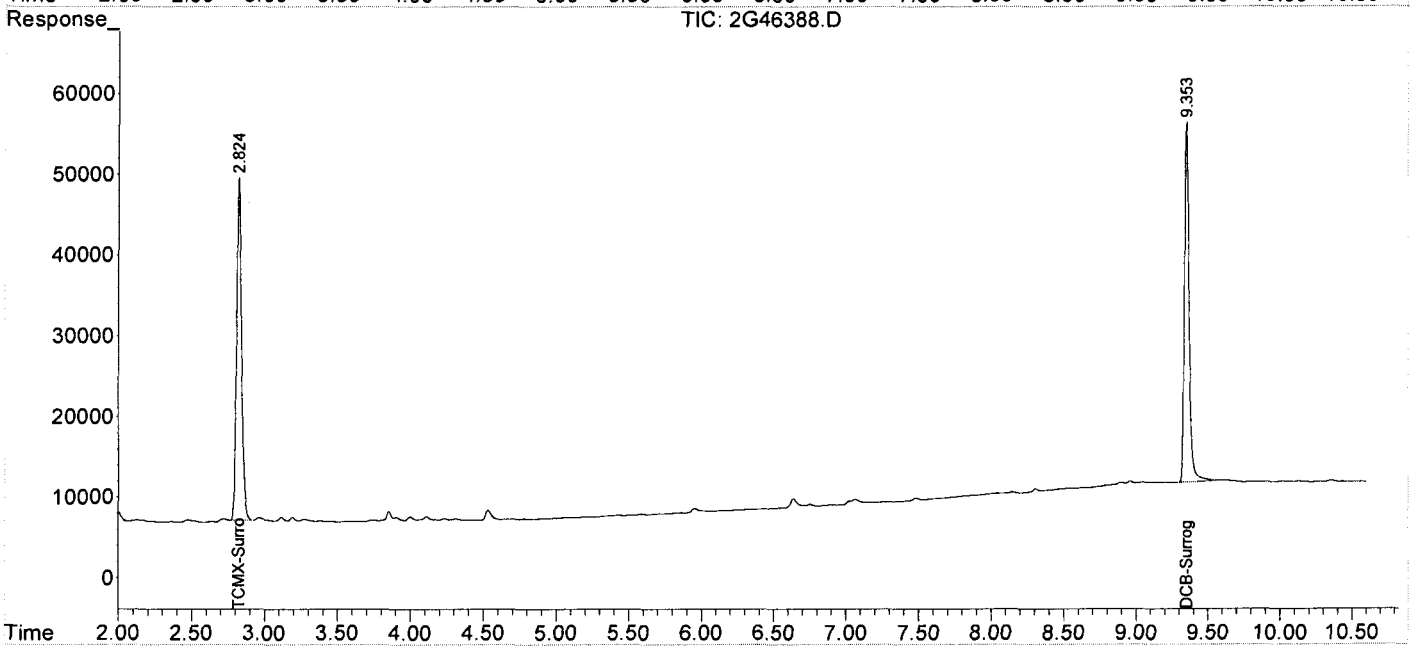
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46388.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:52
Operator : MS
Sample : AC45774-014
Misc : A,PCB
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:10:59 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-015
Client Id: 1-30-185-SB-DUP01
Data File: 2G46358.D
Analysis Date: 07/17/09 18:13
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46358.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 18:13
Operator : MS
Sample : AC45774-015
Misc : S,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:32:25 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.837	2.819	958017	1128417	89.352m	86.724m
45)	DCB-Surrogate	8.957	9.350	1026875	1291972	106.322m	94.069m

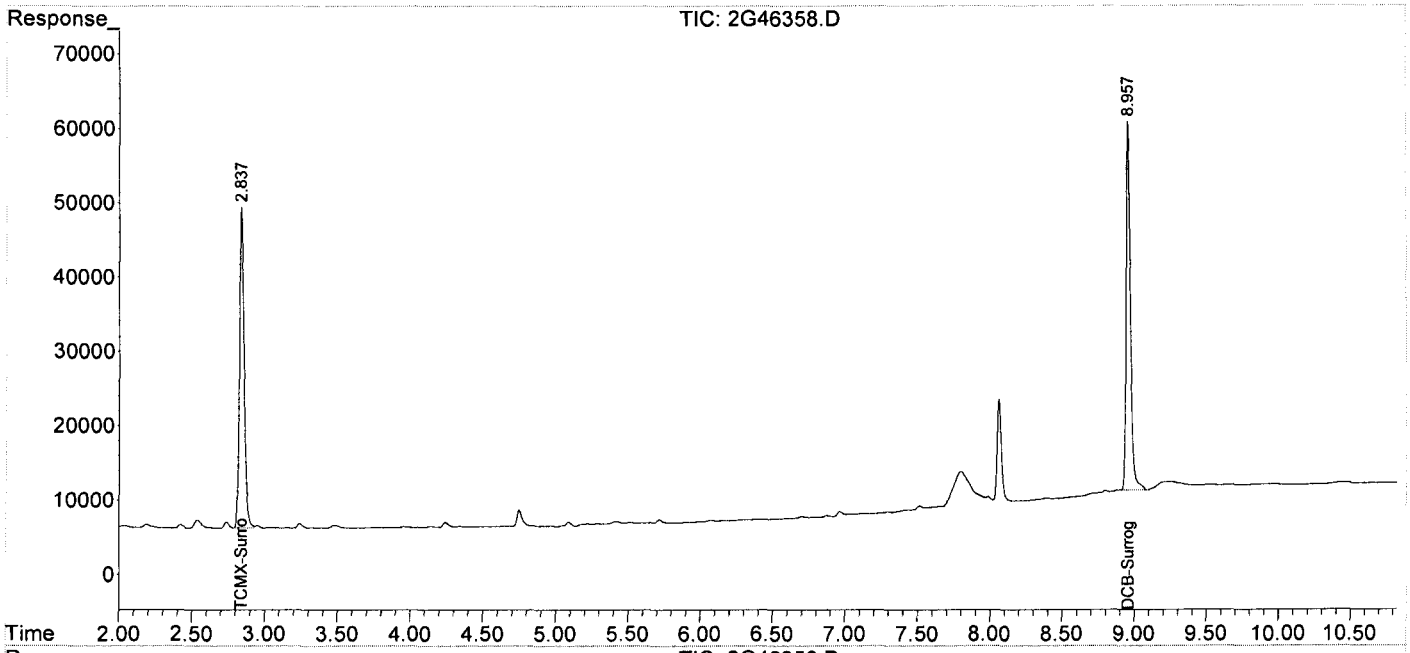
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

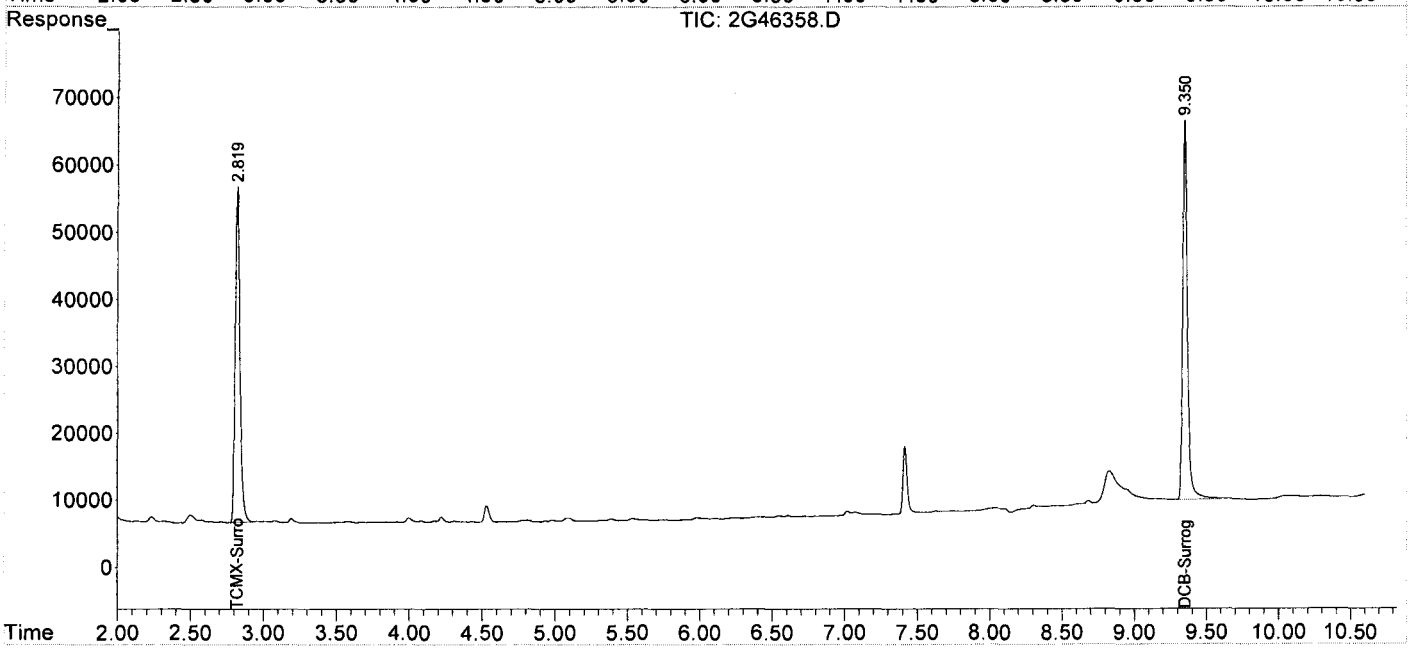
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46358.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 18:13
Operator : MS
Sample : AC45774-015
Misc : S,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:32:25 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-016
Client Id: 1-30-185-GP-DUP01
Data File: 2G46389.D
Analysis Date: 07/20/09 13:06
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.26	U	11097-69-1	Aroclor-1254	0.26	U
11104-28-2	Aroclor-1221	0.26	U	11096-82-5	Aroclor-1260	0.26	U
11141-16-5	Aroclor-1232	0.26	U	37324-23-5	Aroclor-1262	0.26	U
53469-21-9	Aroclor-1242	0.26	U	11100-14-4	Aroclor-1268	0.26	U
12672-29-6	Aroclor-1248	0.26	U	1336-36-3	Aroclor (Total)	0.26	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46389.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:06
Operator : MS
Sample : AC45774-016
Misc : A,PCB
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:13:09 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

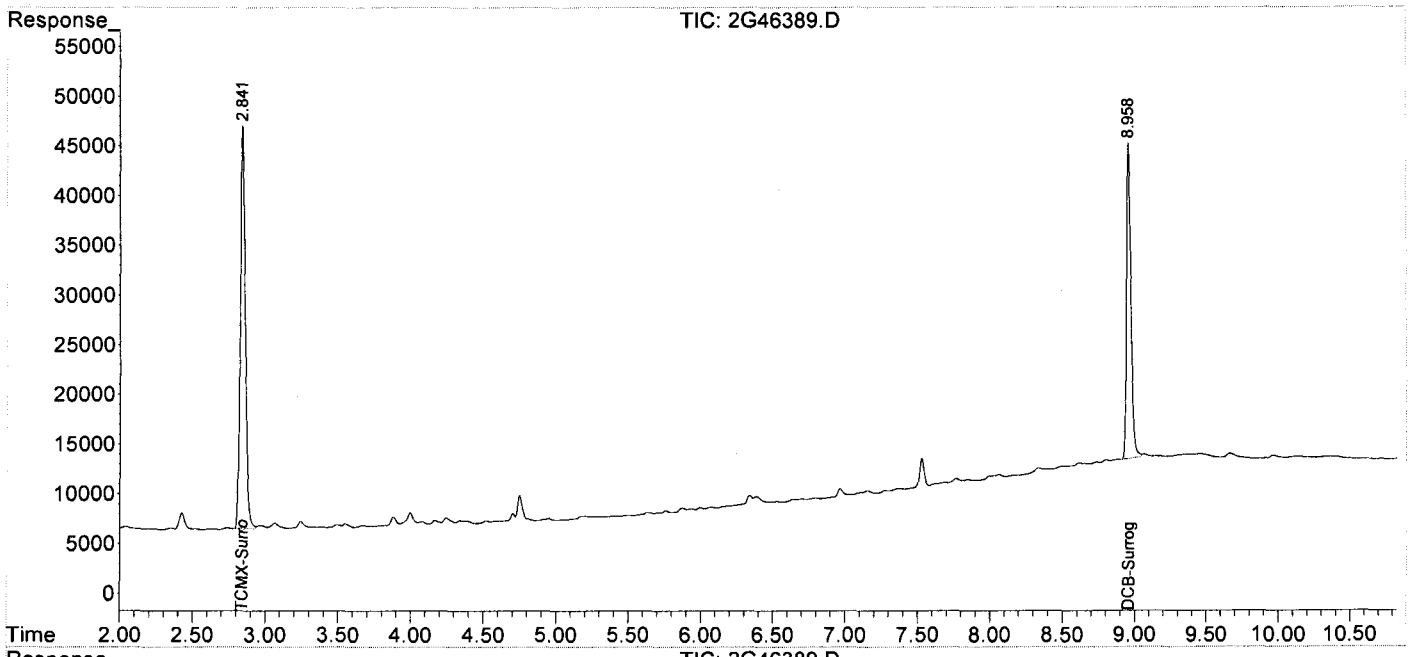
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.841	2.823	971628	1087195	90.622	83.590m
45)DCB-Surrogate	8.958	9.352	666673	777720	69.027m	56.626m

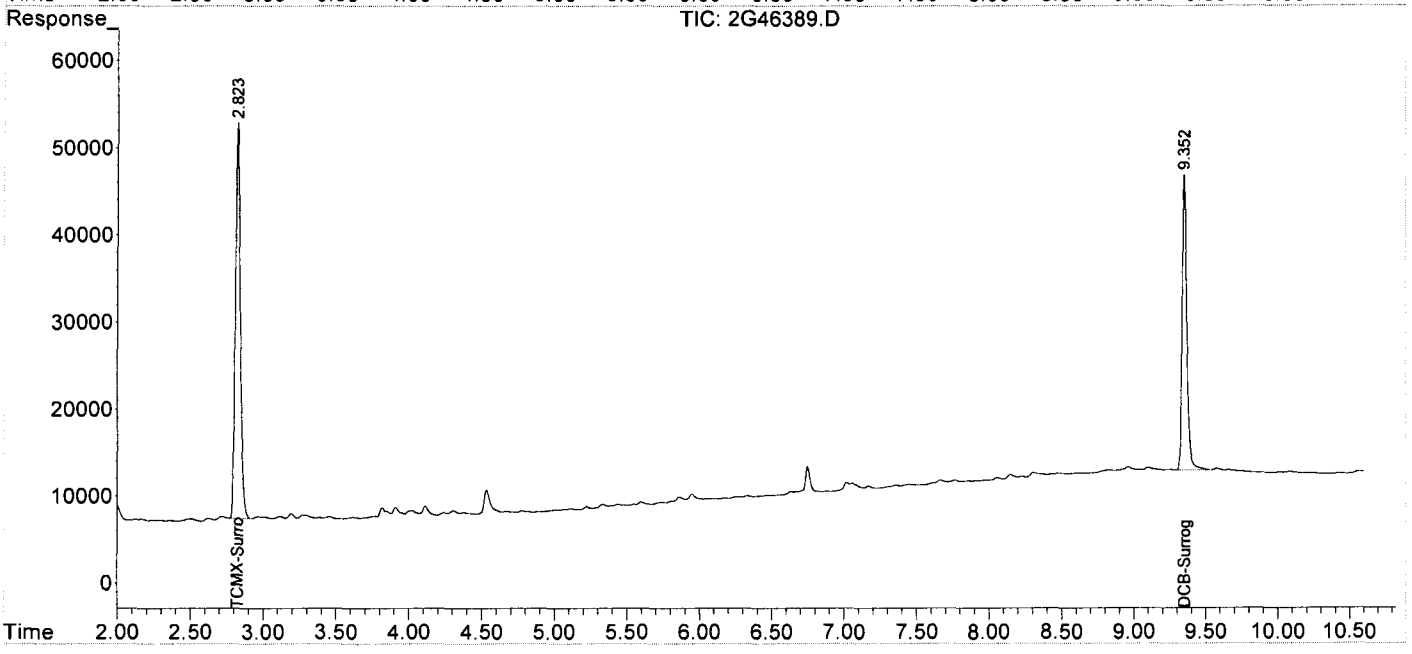
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46389.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:06
Operator : MS
Sample : AC45774-016
Misc : A,PCB
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:13:09 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: AC45774-017
Client Id: 1-30-185-Rinsate 01
Data File: 2G46390.D
Analysis Date: 07/20/09 13:20
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11096-82-5	Aroclor-1260	0.27	U
11141-16-5	Aroclor-1232	0.27	U	37324-23-5	Aroclor-1262	0.27	U
53469-21-9	Aroclor-1242	0.27	U	11100-14-4	Aroclor-1268	0.27	U
12672-29-6	Aroclor-1248	0.27	U	1336-36-3	Aroclor (Total)	0.27	U

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46390.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:20
Operator : MS
Sample : AC45774-017
Misc : A,PCB
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:14:31 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

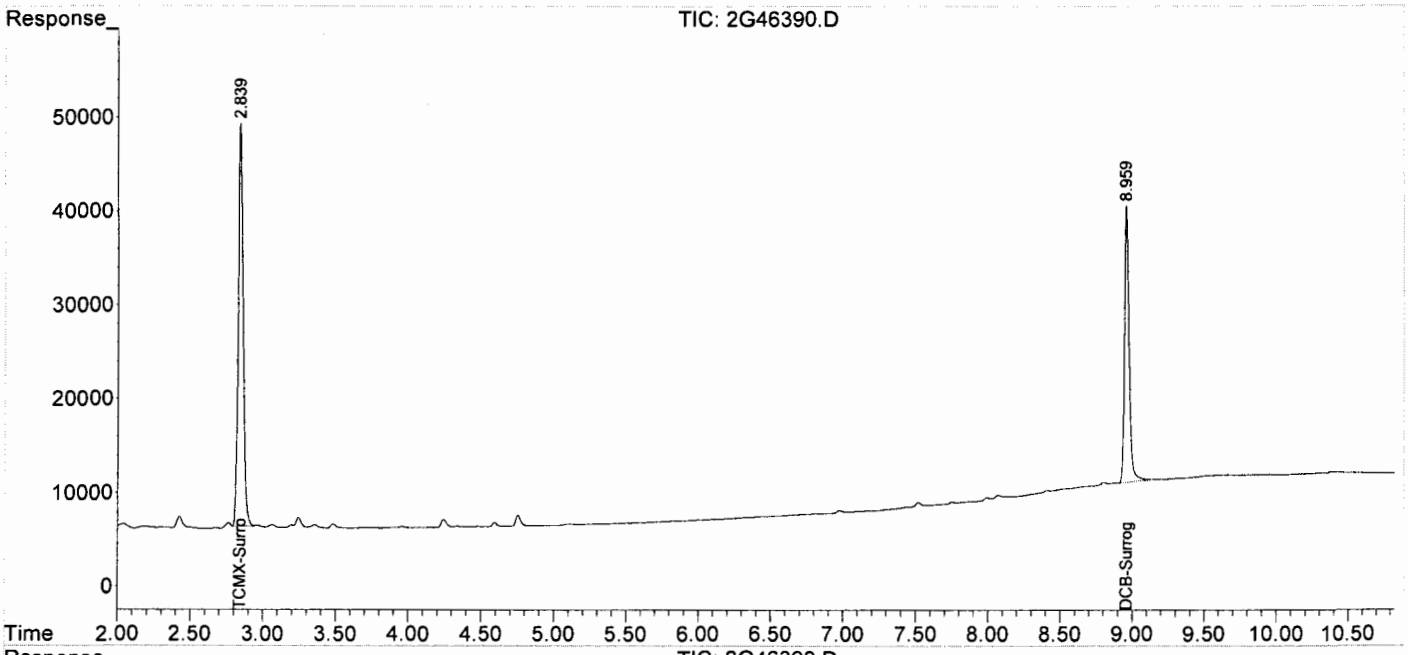
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.839	2.821	1006236	1162274	93.850m	89.295m
45)	DCB-Surrogate	8.960	9.354	653902	733149	67.705	53.381

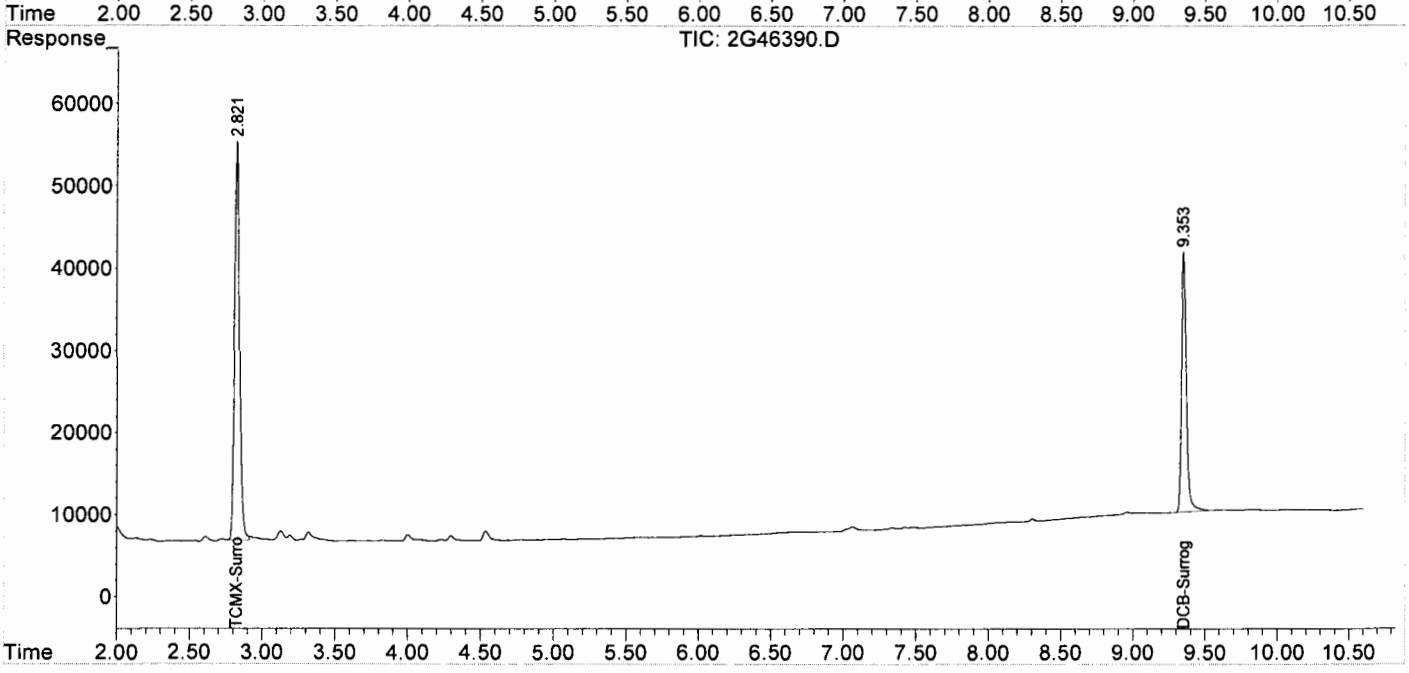
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46390.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:20
Operator : MS
Sample : AC45774-017
Misc : A,PCB
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 15:14:31 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC PCB Data
Standards Data

0753

Form 6

Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G45812.	CAL 1660@50PPB	06/23/09 14:07	2	2G45811.	CAL 1660@200PPB	06/23/09 13:53
3	2G45810.	CAL 1660@500PPB	06/23/09 13:39	4	2G45813.	CAL 1660@1000PPB	06/23/09 14:21
5	2G45814.	CAL 1660@2000PPB	06/23/09 15:17	6	2G45815.	CAL 1660@4000PPB	06/23/09 15:31
7	2G45816.	CAL 3268@500PPB	06/23/09 15:49	8	2G45817.	CAL 1242@500PPB	06/23/09 16:03
9	2G45818.	CAL 1248@500PPB	06/23/09 16:17	10	2G45819.	CAL 2154@500PPB	06/23/09 16:31
11	2G45820.	CAL 1262@500PPB	06/23/09 16:45				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	1.1916	1.0944	1.0258	1.0280	1.0576	1.0353	----	----	1.07	2.85	1.00	1.00	6.0	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Qua	0.0347	0.0308	0.0263	0.0250	0.0237	0.0211	----	----	0.0270	3.37	0.997	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Qua	0.0669	0.0564	0.0471	0.0440	0.0419	0.0375	----	----	0.0490	3.74	0.997	1.00	22	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Qua	0.1318	0.1102	0.0939	0.0892	0.0871	0.0810	----	----	0.0989	4.20	0.999	1.00	19	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Qua	0.0416	0.0372	0.0326	0.0315	0.0308	0.0283	----	----	0.0337	4.44	0.998	1.00	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Qua	0.0907	0.0773	0.0654	0.0618	0.0593	0.0534	----	----	0.0680	4.56	0.997	1.00	20	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Qua	0.0758	0.0648	0.0547	0.0520	0.0507	0.0464	----	----	0.0574	6.08	0.998	1.00	19	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Qua	0.0863	0.0761	0.0640	0.0605	0.0593	0.0549	----	----	0.0669	6.33	0.999	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Avg	0.0386	0.0377	0.0340	0.0340	0.0352	0.0333	----	----	0.0355	6.53	0.999	1.00	6.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	LinF	0.0545	0.0506	0.0447	0.0446	0.0454	0.0431	----	----	0.0472	7.12	0.999	1.00	9.4	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Avg	0.0762	0.0747	0.0703	0.0726	0.0763	0.0745	----	----	0.0742	7.84	1.00	1.00	3.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	0.0183	3.17	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	0.0136	3.32	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	0.0445	3.38	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	0.0293	3.38	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	0.0257	3.75	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	0.0486	4.21	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	0.0242	4.34	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	0.0264	4.81	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	0.0263	3.38	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	0.0436	3.74	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	0.0860	4.20	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	0.0592	4.56	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	0.0425	4.81	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	0.0224	3.74	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	0.0556	4.20	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	0.0887	4.56	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	0.0521	4.91	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	0.0626	5.50	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	0.0602	5.80	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	0.0861	5.92	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	0.0449	6.33	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	0.0337	6.58	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	0.0897	6.73	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	0.0784	6.76	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	0.0499	7.78	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 13.9 Avg Rsd Col 2: 9.22

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte, >0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

0754

Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G45812.	CAL 1660@50PPB	06/23/09 14:07
3	2G45810.	CAL 1660@500PPB	06/23/09 13:39
5	2G45814.	CAL 1660@2000PPB	06/23/09 15:17
7	2G45816.	CAL 3268@500PPB	06/23/09 15:49
9	2G45818.	CAL 1248@500PPB	06/23/09 16:17
11	2G45820.	CAL 1262@500PPB	06/23/09 16:45

Level #:	Data File:	Cal Identifier:	Analysis Date/Time
2	2G45811.	CAL 1660@200PPB	06/23/09 13:53
4	2G45813.	CAL 1660@1000PPB	06/23/09 14:21
6	2G45815.	CAL 1660@4000PPB	06/23/09 15:31
8	2G45817.	CAL 1242@500PPB	06/23/09 16:03
10	2G45819.	CAL 2154@500PPB	06/23/09 16:31

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	0.102	7.84	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	0.0499	8.53	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	0.0182	8.82	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	0.0418	7.02	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	0.0156	7.12	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	0.0263	7.45	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	0.125	8.01	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	0.0360	8.11	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	LinF	1.2051	1.2284	1.0048	0.9824	0.9986	0.9552	----	----	1.06	8.98	1.00	1.00	11	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Qua	1.1915	1.1924	1.1978	1.2520	1.3526	1.3523	----	----	1.26	2.82	1.00	1.00	6.2	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	Qua	0.0373	0.0348	0.0310	0.0298	0.0294	0.0270	----	----	0.0316	3.43	0.998	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	0.0801	0.0698	0.0609	0.0586	0.0573	0.0529	----	----	0.0633	3.85	0.998	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	LinF	0.1477	0.1325	0.1191	0.1183	0.1190	0.1134	----	----	0.125	4.23	0.999	1.00	10	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	Qua	0.0723	0.0626	0.0558	0.0554	0.0547	0.0510	----	----	0.0587	4.55	0.999	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	LinF	0.0485	0.0436	0.0386	0.0384	0.0380	0.0355	----	----	0.0405	4.92	0.999	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	LinF	0.0933	0.0845	0.0747	0.0742	0.0750	0.0716	----	----	0.0789	6.23	1.00	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	LinF	0.0981	0.0905	0.0802	0.0803	0.0815	0.0784	----	----	0.0849	6.32	1.00	1.00	9.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Avg	0.0331	0.0320	0.0294	0.0315	0.0328	0.0318	----	----	0.0318	6.94	1.00	1.00	4.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Avg	0.0564	0.0545	0.0491	0.0504	0.0519	0.0515	----	----	0.0523	7.30	1.00	1.00	5.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Avg	0.0683	0.0646	0.0622	0.0661	0.0722	0.0739	----	----	0.0679	8.00	0.999	1.00	6.6	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	0.0225	3.22	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	0.0146	3.37	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	0.0463	3.43	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	0.0311	3.43	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	0.0338	3.85	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	0.0596	4.23	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	0.0215	4.40	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	0.0168	5.06	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	0.0307	3.43	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	0.0555	3.85	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	0.108	4.23	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	0.0512	4.55	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	0.0346	5.59	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	0.0261	3.85	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	0.0669	4.23	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	0.0566	4.56	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 13.9 Avg Rsd Col 2: 9.22

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

0755

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G45812.	CAL 1660@50PPB	06/23/09 14:07	2	2G45811.	CAL 1660@200PPB	06/23/09 13:53
3	2G45810.	CAL 1660@500PPB	06/23/09 13:39	4	2G45813.	CAL 1660@1000PPB	06/23/09 14:21
5	2G45814.	CAL 1660@2000PPB	06/23/09 15:17	6	2G45815.	CAL 1660@4000PPB	06/23/09 15:31
7	2G45816.	CAL 3268@500PPB	06/23/09 15:49	8	2G45817.	CAL 1242@500PPB	06/23/09 16:03
9	2G45818.	CAL 1248@500PPB	06/23/09 16:17	10	2G45819.	CAL 2154@500PPB	06/23/09 16:31
11	2G45820.	CAL 1262@500PPB	06/23/09 16:45				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	0.0466	5.06	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	0.0613	5.20	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	0.0845	5.43	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	0.0274	5.75	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	0.0790	6.16	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	0.0861	6.83	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	0.0377	7.35	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	0.103	6.87	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	0.0725	7.90	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	0.0759	8.00	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	0.0855	8.54	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	0.0219	8.96	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	0.0551	7.26	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	0.0147	7.40	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	0.0232	7.45	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	0.176	8.31	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	0.0447	8.44	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Avg	1.5047	1.3652	1.2585	1.3172	1.4038	1.3910	----	----	1.37	9.35	1.00	1.00	6.1	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 13.9 Avg Rsd Col 2: 9.22

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 14:07
Operator : MS
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:00:30 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.849	2.822	59584	59576	5.649m	4.187m#
2)Aroclor-1016 {1}	3.376	3.434	17365	18661	69.494m	62.158m
3)Aroclor-1016 {2}	3.742	3.850	33485	40071	71.896m	64.933m
4)Aroclor-1016 {3}	4.204	4.227	65941	73866	77.469	59.513m
5)Aroclor-1016 {4}	4.445	4.554	20820	36166	66.796	63.336m
6)Aroclor-1016 {5}	4.564	4.920	45365	24281	81.861m	62.109m
7)Aroclor-1260 {1}	6.079	6.230	37911	46667	78.407m	61.262
8)Aroclor-1260 {2}	6.335	6.321	43183	49060	75.603	59.438
9)Aroclor-1260 {3}	6.530	6.945	19310	16562	57.012m	51.511m
10)Aroclor-1260 {4}	7.117	7.298	27286	28215	60.834m	54.534m
11)Aroclor-1260 {5}	7.844	7.999	38116	34168	50.731m	49.074m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 14:07
Operator : MS
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:00:30 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.982	9.353	60256	75236	5.830m	5.434m

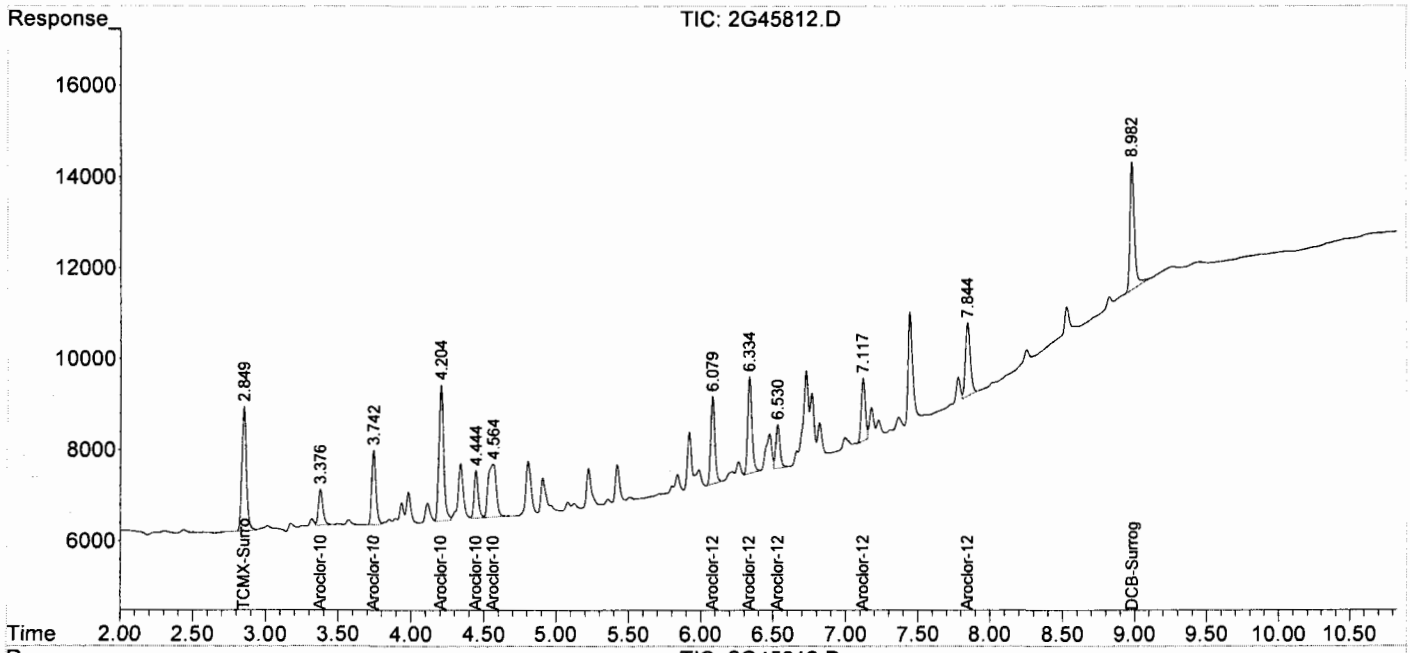
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

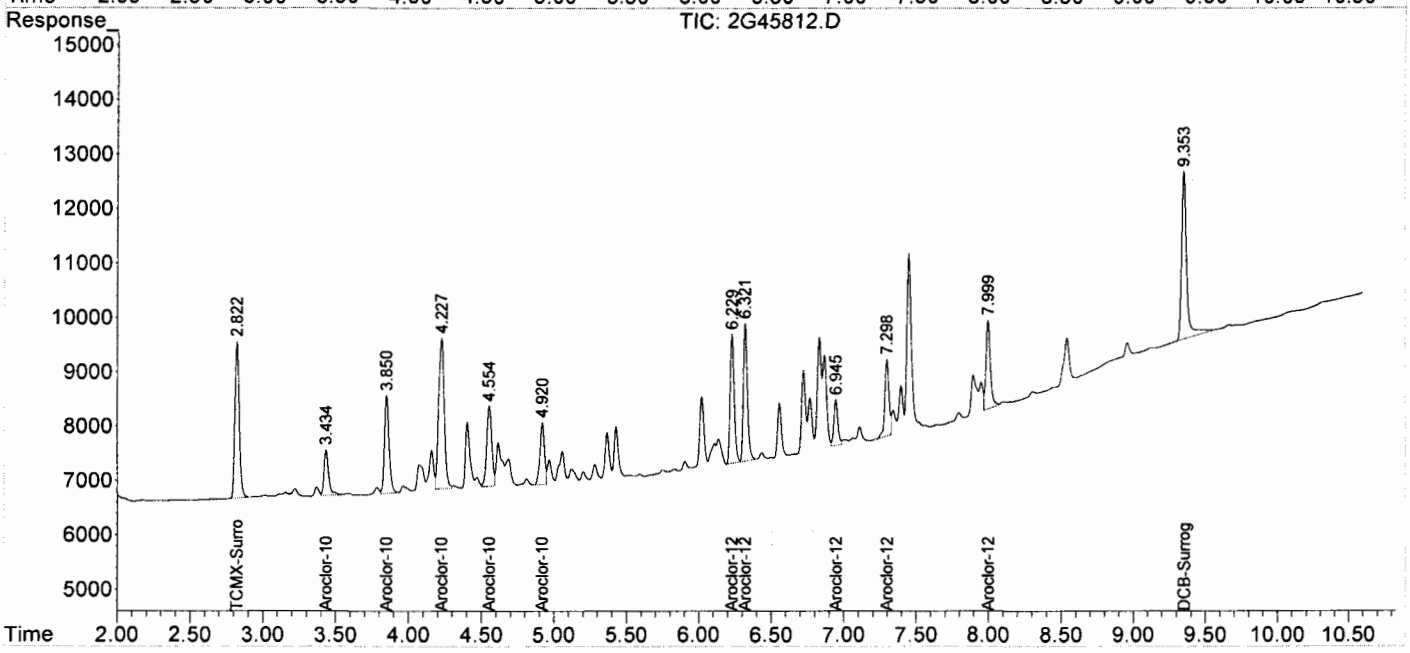
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 14:07
Operator : MS
Sample : CAL 1660@50PPB
Misc : S,PCB
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:00:30 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 13:53
Operator : MS
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 14:52:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.849	2.821	218898	238481	20.753m	16.762m
2)Aroclor-1016 {1}	3.375	3.433	61613	69721	246.572m	232.241m
3)Aroclor-1016 {2}	3.741	3.849	112897	139683	244.134m	226.350
4)Aroclor-1016 {3}	4.203	4.226	220568	265089	259.130	213.578m
5)Aroclor-1016 {4}	4.445	4.554	74534	125240	239.123	219.328
6)Aroclor-1016 {5}	4.562	4.919	154619	87327	279.012	223.376
7)Aroclor-1260 {1}	6.079	6.229	129670	169110	268.183	222.000
8)Aroclor-1260 {2}	6.334	6.320	152311	181097	266.660	219.408
9)Aroclor-1260 {3}	6.530	6.944	75559	64000	223.089	199.054m
10)Aroclor-1260 {4}	7.118	7.297	101319	109097	225.894	210.862m
11)Aroclor-1260 {5}	7.844	7.999	149406	129255	198.855	185.641m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 13:53
Operator : MS
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 14:52:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.982	9.354	245688	273047	23.772m	19.722m

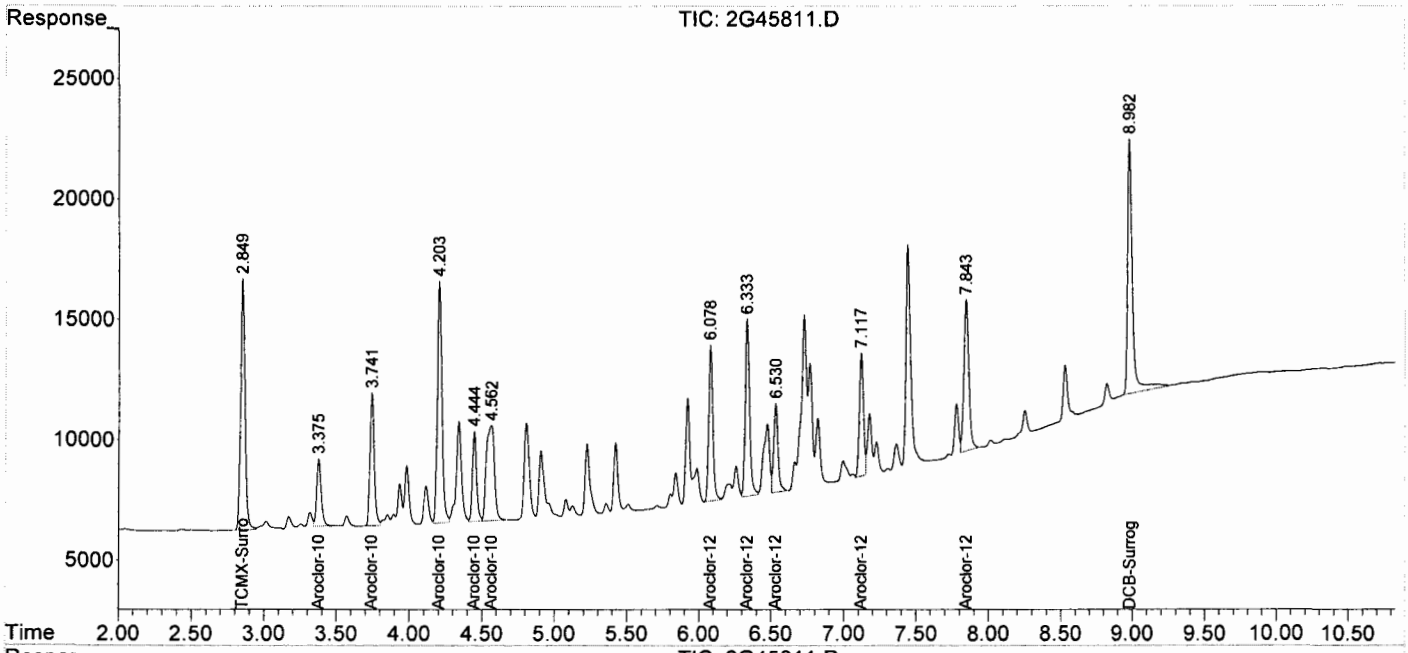
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

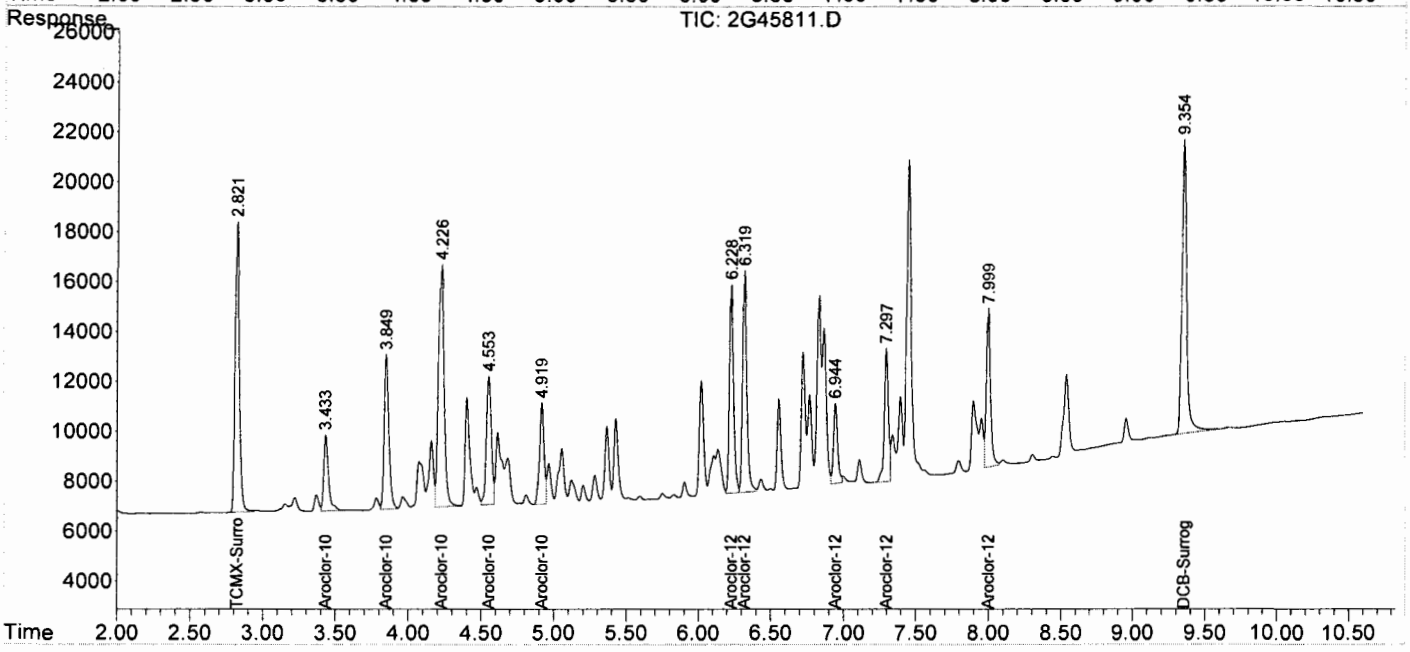
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 13:53
Operator : MS
Sample : CAL 1660@200PPB
Misc : S,PCB
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 14:52:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 13:39
Operator : MS
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 14:50:14 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.847	2.819	512919	598934	48.628m	42.096m
2)Aroclor-1016 {1}	3.374	3.431	131739	155198	527.215m	516.961m
3)Aroclor-1016 {2}	3.741	3.848	235745	304685	515.605	493.728
4)Aroclor-1016 {3}	4.203	4.226	469725	595531	551.847	479.809
5)Aroclor-1016 {4}	4.444	4.552	163148	279370	523.415	489.249
6)Aroclor-1016 {5}	4.562	4.919	327429	193414	590.850	494.739
7)Aroclor-1260 {1}	6.078	6.228	273672	373965	566.009	490.922
8)Aroclor-1260 {2}	6.333	6.320	320399	401219	560.942	486.097
9)Aroclor-1260 {3}	6.530	6.944	170468	147340	503.307	458.257m
10)Aroclor-1260 {4}	7.118	7.297	223961	245769	499.327	475.020m
11)Aroclor-1260 {5}	7.843	7.998	351942	311229	468.423	446.999m
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 13:39
Operator : MS
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 14:50:14 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.981	9.353	502423	629289	48.613m	45.452m

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

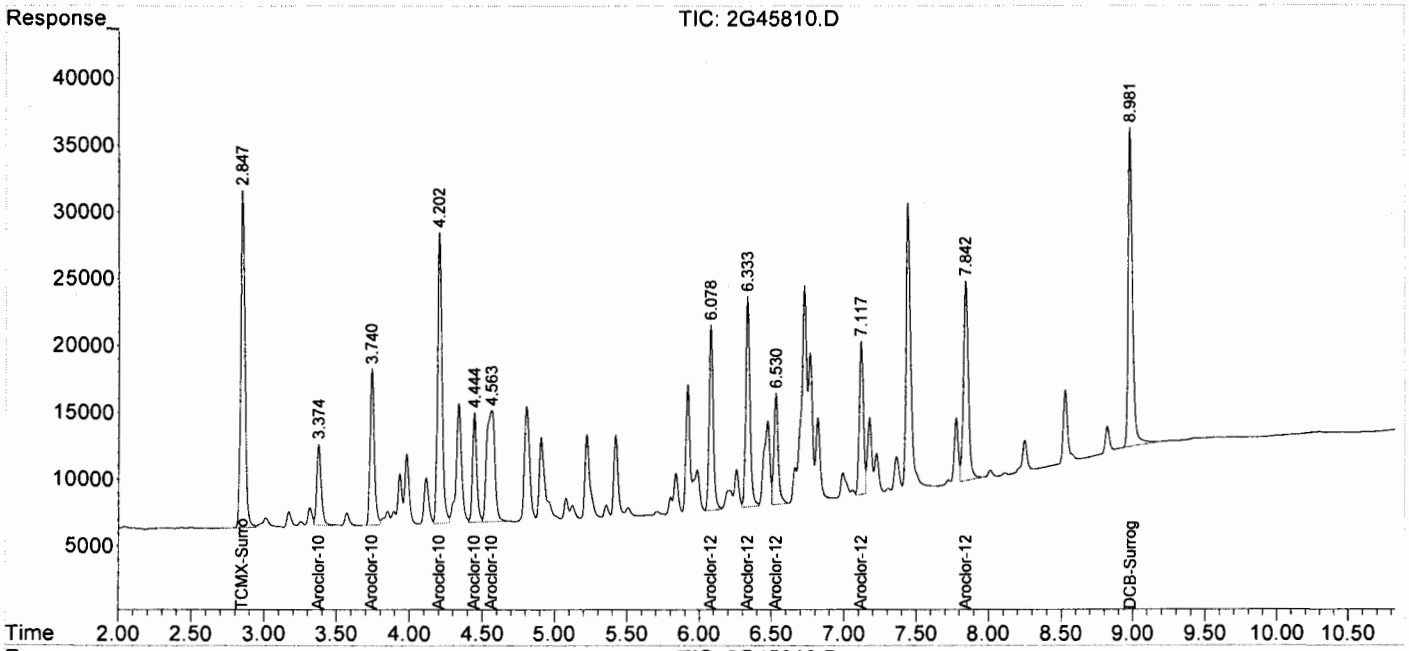
MS

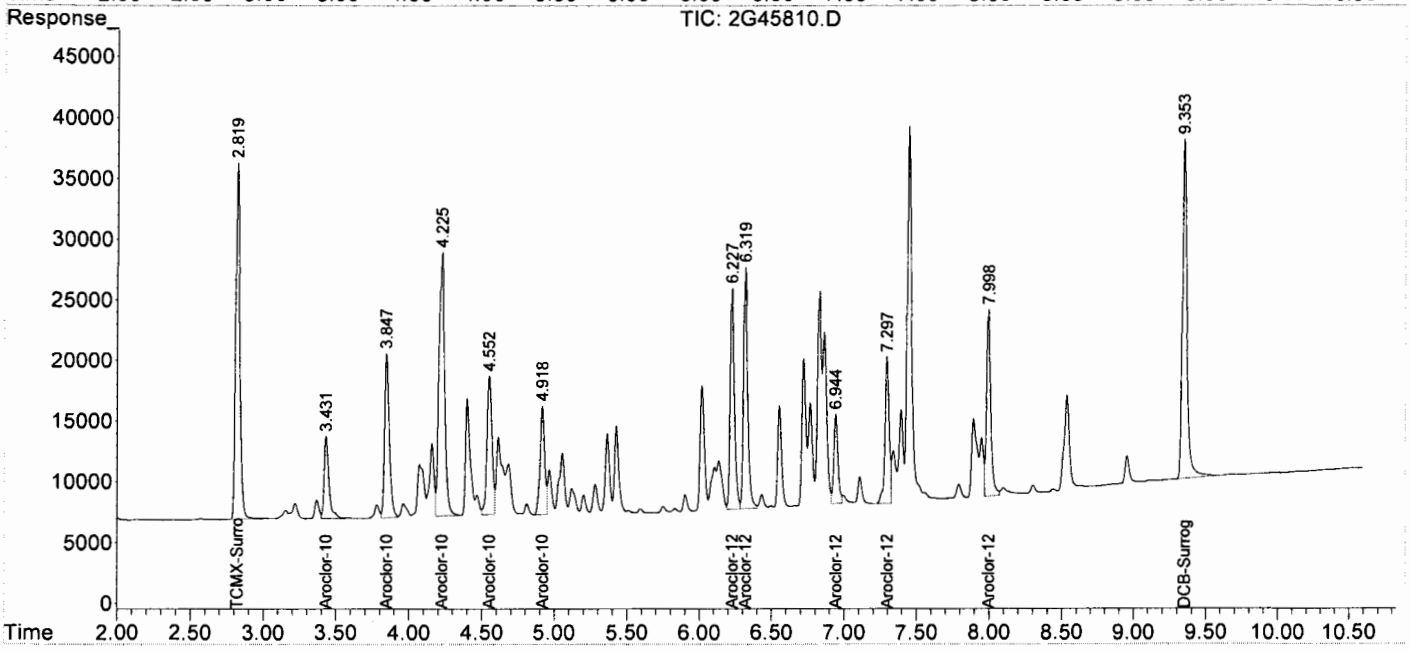
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 13:39
Operator : MS
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 14:50:14 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 14:21
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:02:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.850	2.822	1028079	1252073	97.468m	88.002m
2)Aroclor-1016 {1}	3.376	3.434	250052	298803	1000.701m	995.307m
3)Aroclor-1016 {2}	3.742	3.850	440716	586454	983.226	950.323
4)Aroclor-1016 {3}	4.203	4.228	892680	1183381	1048.747	953.431
5)Aroclor-1016 {4}	4.445	4.554	315091	554921	1010.881	971.808
6)Aroclor-1016 {5}	4.563	4.920	618514	384476	1116.117	983.462
7)Aroclor-1260 {1}	6.078	6.229	520581	742655	1076.665	974.921
8)Aroclor-1260 {2}	6.333	6.320	605059	803400	1059.313	973.361
9)Aroclor-1260 {3}	6.530	6.945	340719	315653	1005.973	981.748m
10)Aroclor-1260 {4}	7.118	7.298	446915	504023	996.408	974.171m
11)Aroclor-1260 {5}	7.843	8.000	726878	661206	967.451	949.648
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 14:21
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:02:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.982	9.354	982396	1317208	95.055m	95.140m

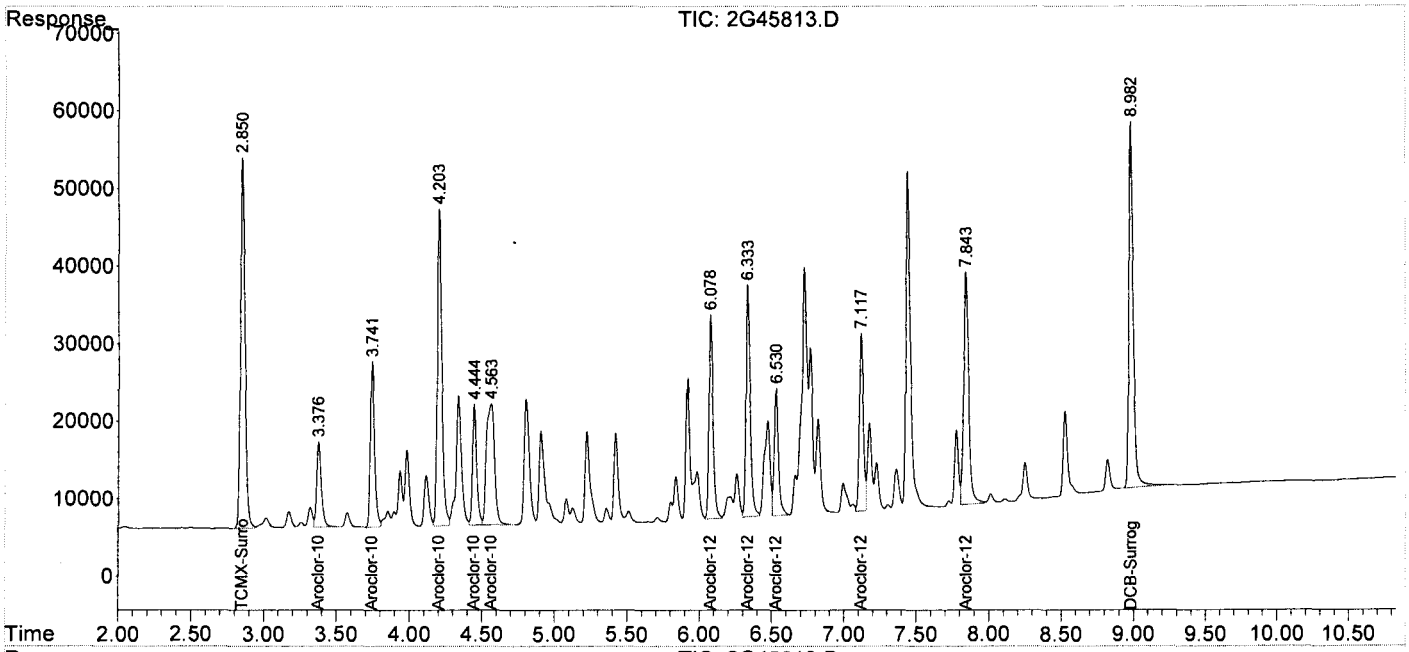
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

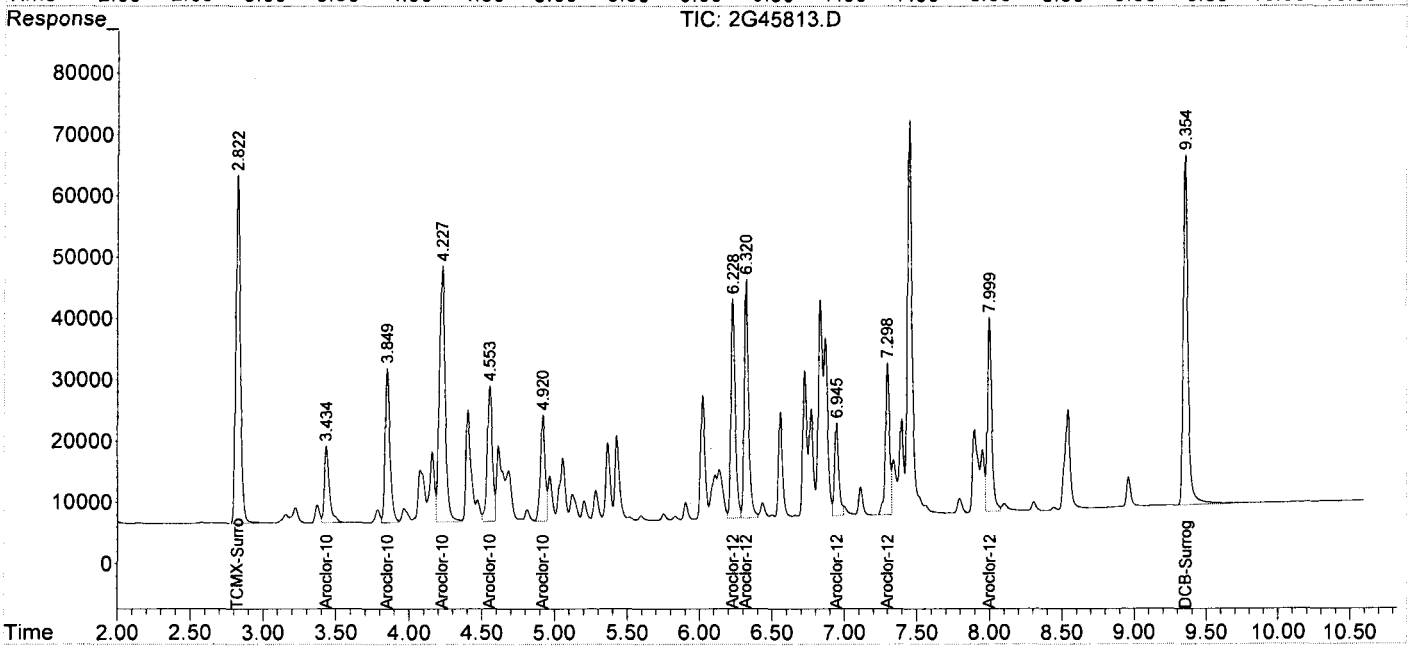
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 14:21
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:02:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:17
Operator : MS
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:50:27 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.849	2.822	2115259	2705200	200.538m	190.135m
2)Aroclor-1016 {1}	3.376	3.433	473908	589128	1896.565	1962.378m
3)Aroclor-1016 {2}	3.741	3.849	839455	1147255	1954.140m	1859.075
4)Aroclor-1016 {3}	4.203	4.227	1743657	2381667	2048.499	1918.869
5)Aroclor-1016 {4}	4.445	4.553	617647	1094179	1981.551	1916.188
6)Aroclor-1016 {5}	4.563	4.919	1185977	761787	2140.112	1948.596
7)Aroclor-1260 {1}	6.077	6.229	1015584	1500679	2100.432	1970.018
8)Aroclor-1260 {2}	6.333	6.320	1186730	1631896	2077.679	1977.126
9)Aroclor-1260 {3}	6.530	6.945	704451	656291	2079.892	2041.200m
10)Aroclor-1260 {4}	7.117	7.297	908905	1038430	2026.428	2007.067m
11)Aroclor-1260 {5}	7.842	7.998	1527891	1444607	2033.575	2074.797
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:17
Operator : MS
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:50:27 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.980	9.352	1997227	2807701	193.247m	202.795m

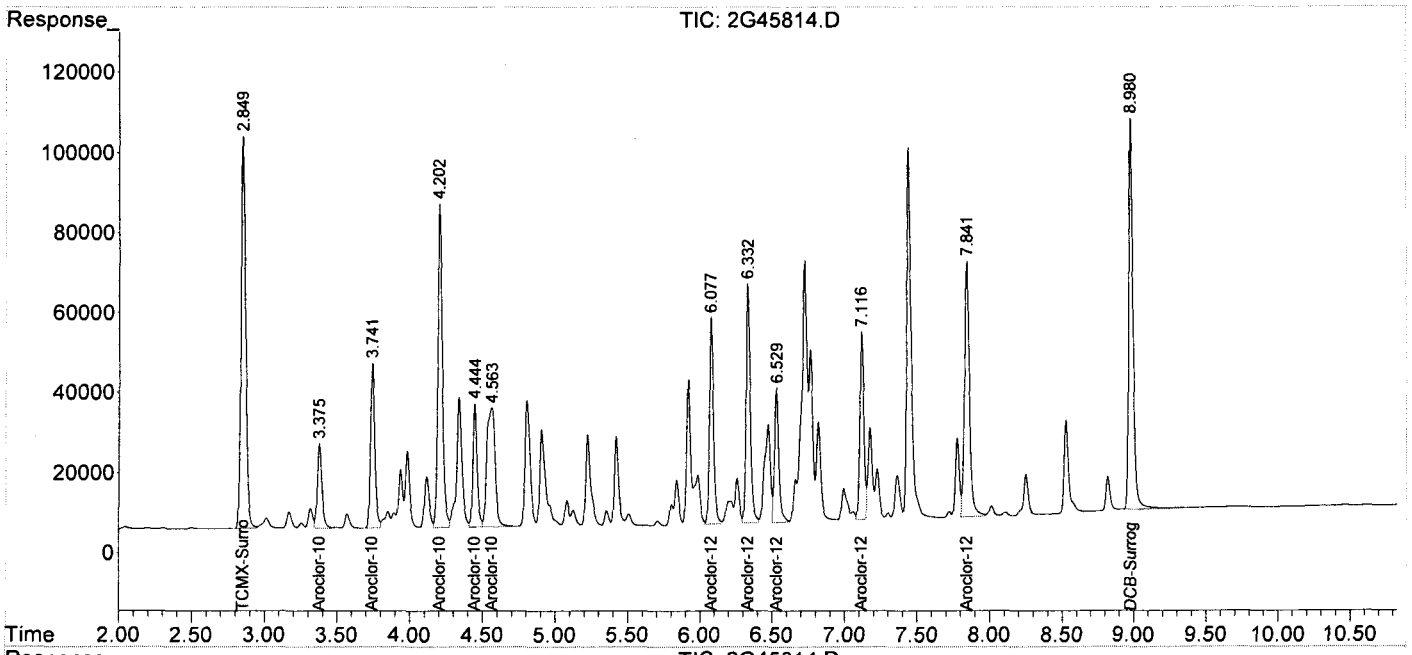
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

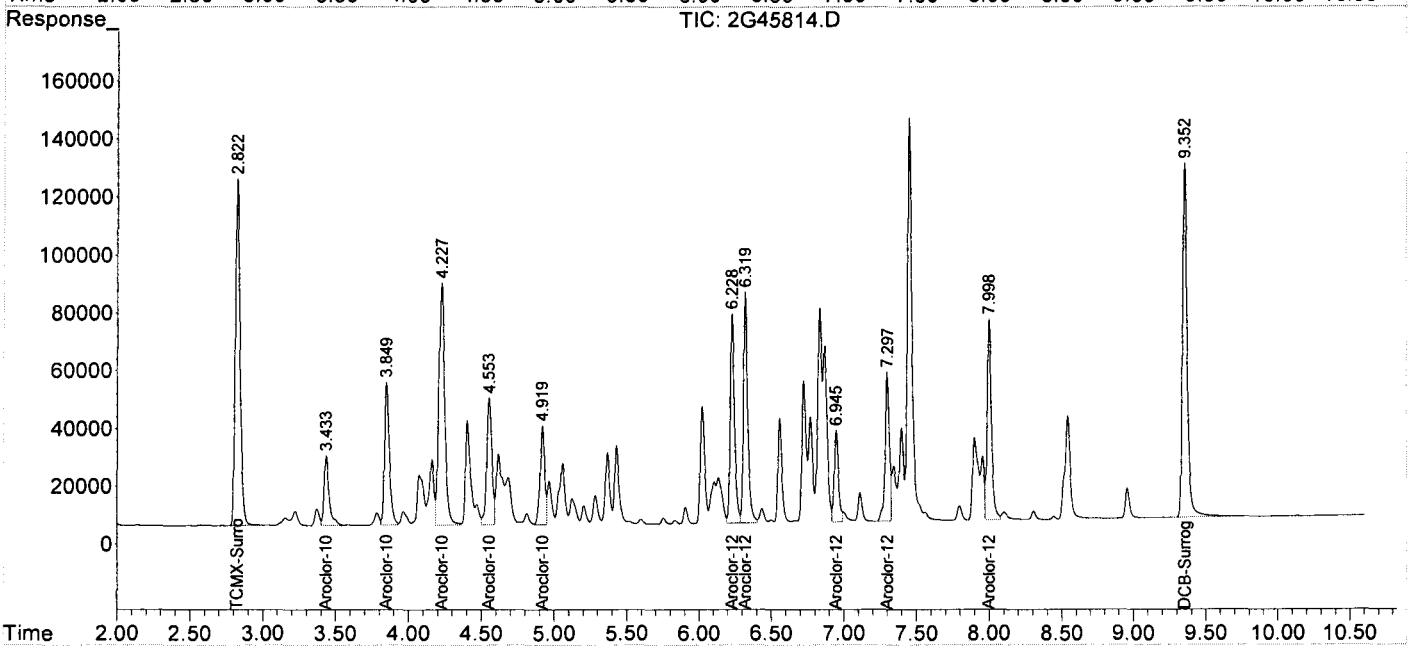
MS

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:17
Operator : MS
Sample : CAL 1660@2000PPB
Misc : S,PCB
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:50:27 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:31
Operator : MS
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:51:39 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.848	2.821	4141372	5409529	392.625	380.208m
2)Aroclor-1016 {1}	3.374	3.432	847302	1080851	3390.877m	3600.298m
3)Aroclor-1016 {2}	3.740	3.848	1503617	2115934	3818.736	3428.778
4)Aroclor-1016 {3}	4.201	4.226	3243134	4539183	3810.129	3657.144
5)Aroclor-1016 {4}	4.443	4.552	1135318	2041433	3642.354	3575.072
6)Aroclor-1016 {5}	4.562	4.918	2136302	1421228	3854.985	3635.398
7)Aroclor-1260 {1}	6.076	6.227	1857067	2864581	3840.789	3760.481
8)Aroclor-1260 {2}	6.331	6.319	2197287	3136042	3846.923	3799.477
9)Aroclor-1260 {3}	6.528	6.944	1334102	1275071	3938.934	3965.736m
10)Aroclor-1260 {4}	7.115	7.297	1724716	2060174	3845.300	3981.886
11)Aroclor-1260 {5}	7.840	7.998	2979833	2959593	3966.064	4250.676
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:31
Operator : MS
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:51:39 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.979	9.352	3821106	5564065	369.722m	401.883m

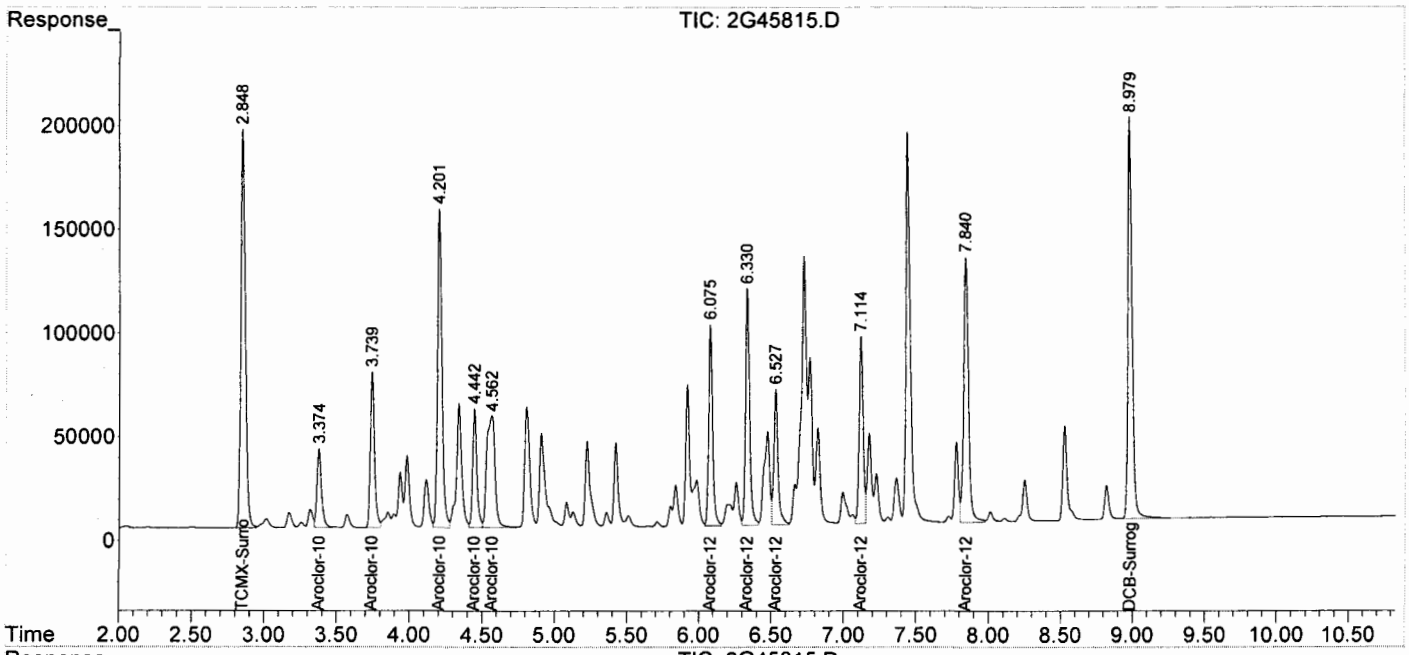
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

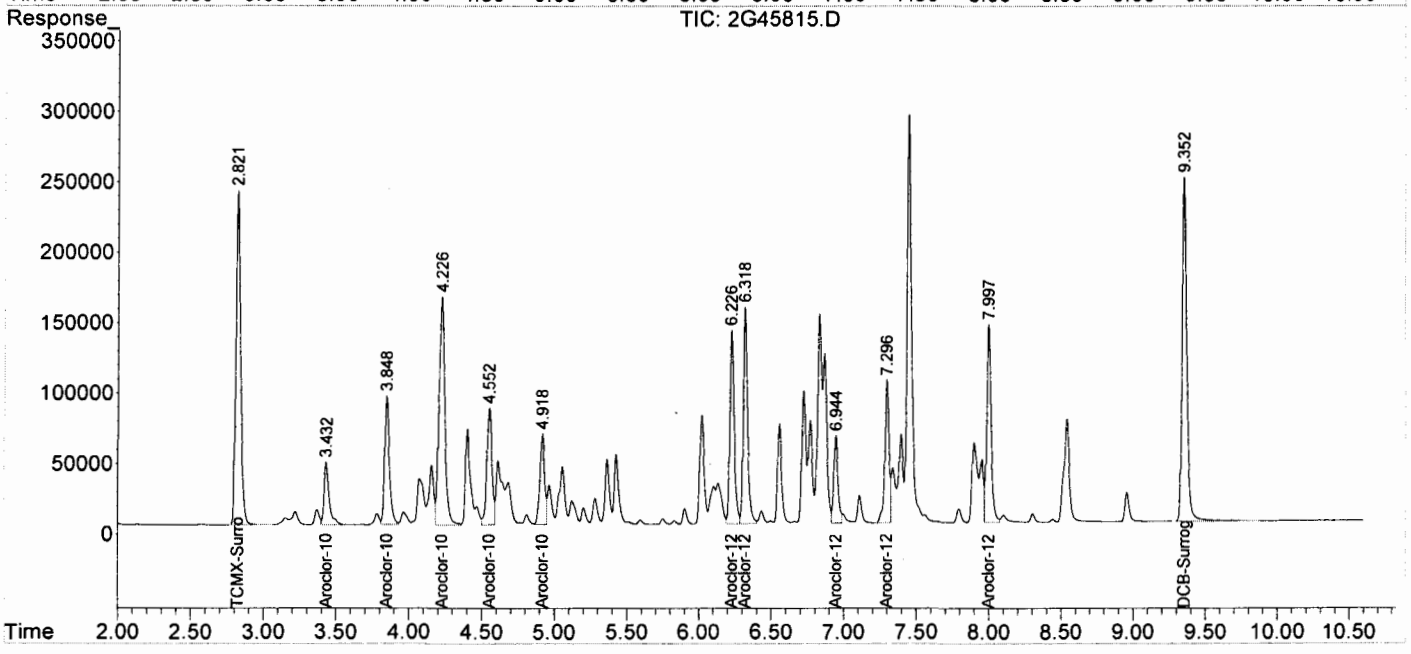
MS

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:31
Operator : MS
Sample : CAL 1660@4000PPB
Misc : S,PCB
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 23 15:51:39 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Jun 23 14:47:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:49
Operator : MS
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:10:36 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:01:41 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.853	2.822	590490	693457	55.982m	48.740m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	3.380	3.435	146327	155676	544.224m	532.522
16)Aroclor-1232 {2}	3.746	3.851	128452	169071	535.390m	542.191
17)Aroclor-1232 {3}	4.208	4.228	242963	297959	541.256	536.682
18)Aroclor-1232 {4}	4.343	4.403	121013	107371	563.587	532.366m
19)Aroclor-1232 {5}	4.809	5.059	132030	83750	545.693m	545.054
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	7.024	7.263	209239	275713	554.649m	550.752m
41)Aroclor-1268 {2}	7.116	7.395	77892	73512	579.360m	562.893m
42)Aroclor-1268 {3}	7.451	7.451	131505	116055	580.690m	564.388m

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:49
Operator : MS
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:10:36 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:01:41 2009
Response via : Initial Calibration
Integrator: ChemStation

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

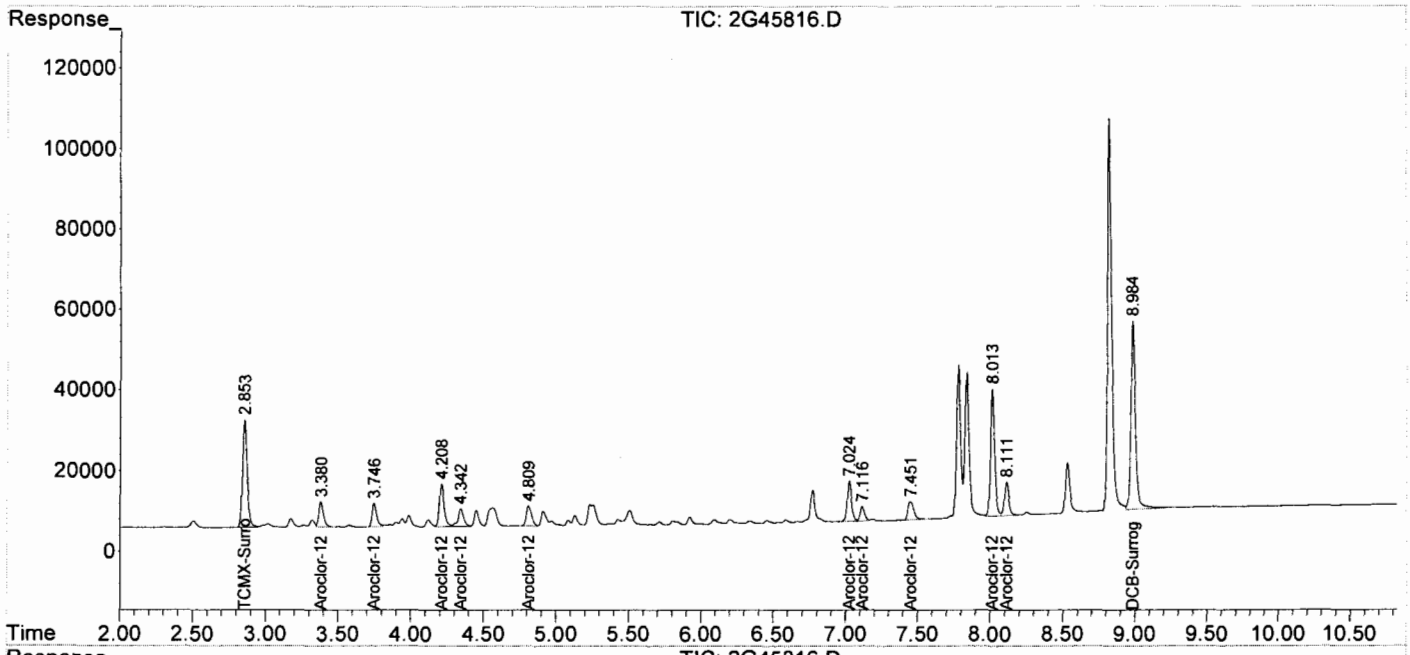
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	8.014	8.305	623171	877781	547.064	538.442m
44)Aroclor-1268 {5}	8.112	8.444	179976	223603	590.163	569.906m
45)DCB-Surrogate	8.984	9.354	1014072	1297818	98.119m	93.739m

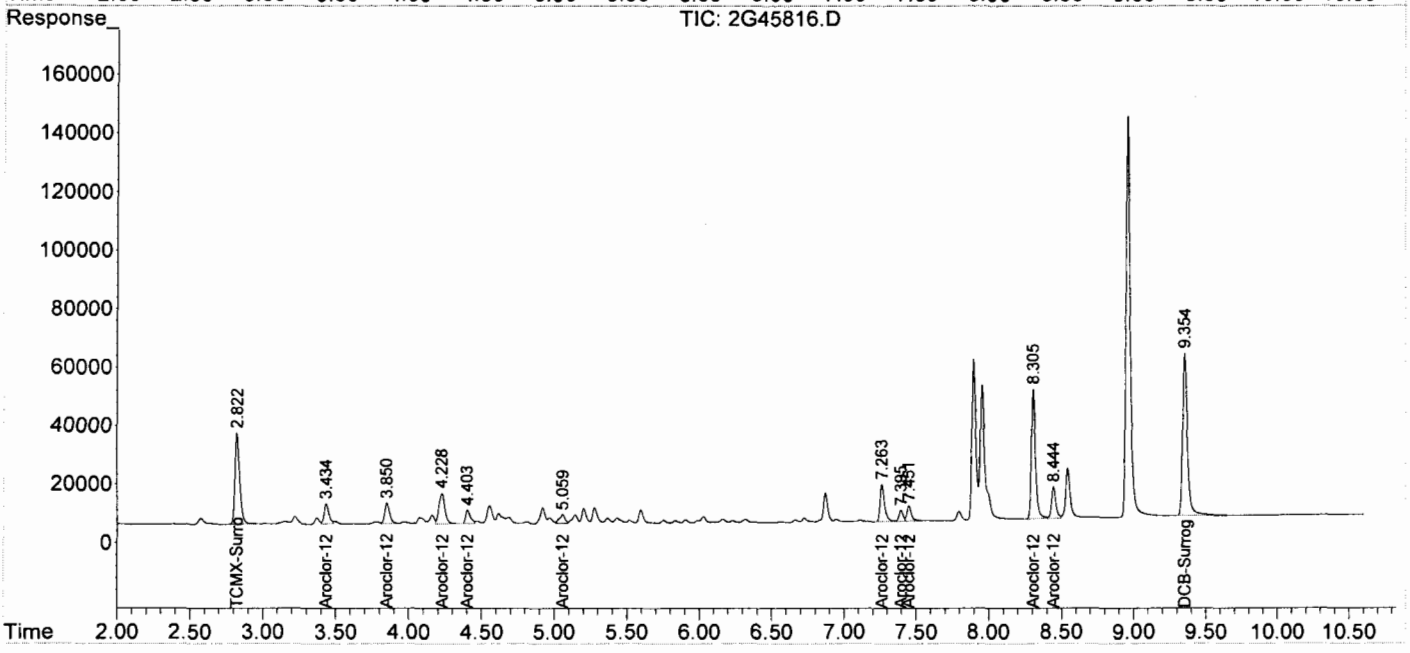
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 15:49
Operator : MS
Sample : CAL 3268@500PPB
Misc : S,PCB
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:10:36 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:01:41 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:03
Operator : MS
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:12:07 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:02:15 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.849	2.822	583052	678749	55.277m	47.706m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	3.376	3.434	131459	153665	547.705m	540.077m
21)Aroclor-1242 {2}	3.742	3.850	217855	277626	526.408	522.393
22)Aroclor-1242 {3}	4.204	4.227	430206	542409	523.736	527.786
23)Aroclor-1242 {4}	4.562	4.553	296152	255981	528.930	523.064m
24)Aroclor-1242 {5}	4.805	5.595	212276	172988	530.174m	528.988
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:03
Operator : MS
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:12:07 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:02:15 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.981	9.353	574378	736774	55.576m	53.216m

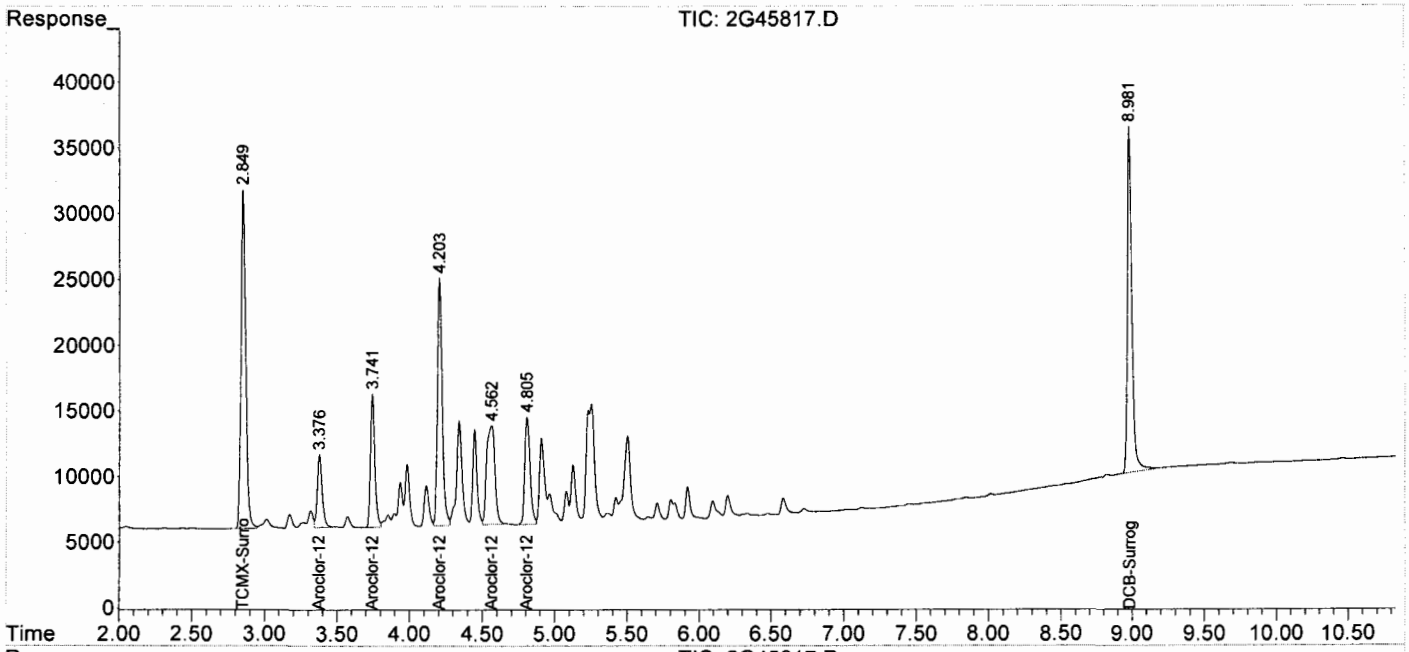
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

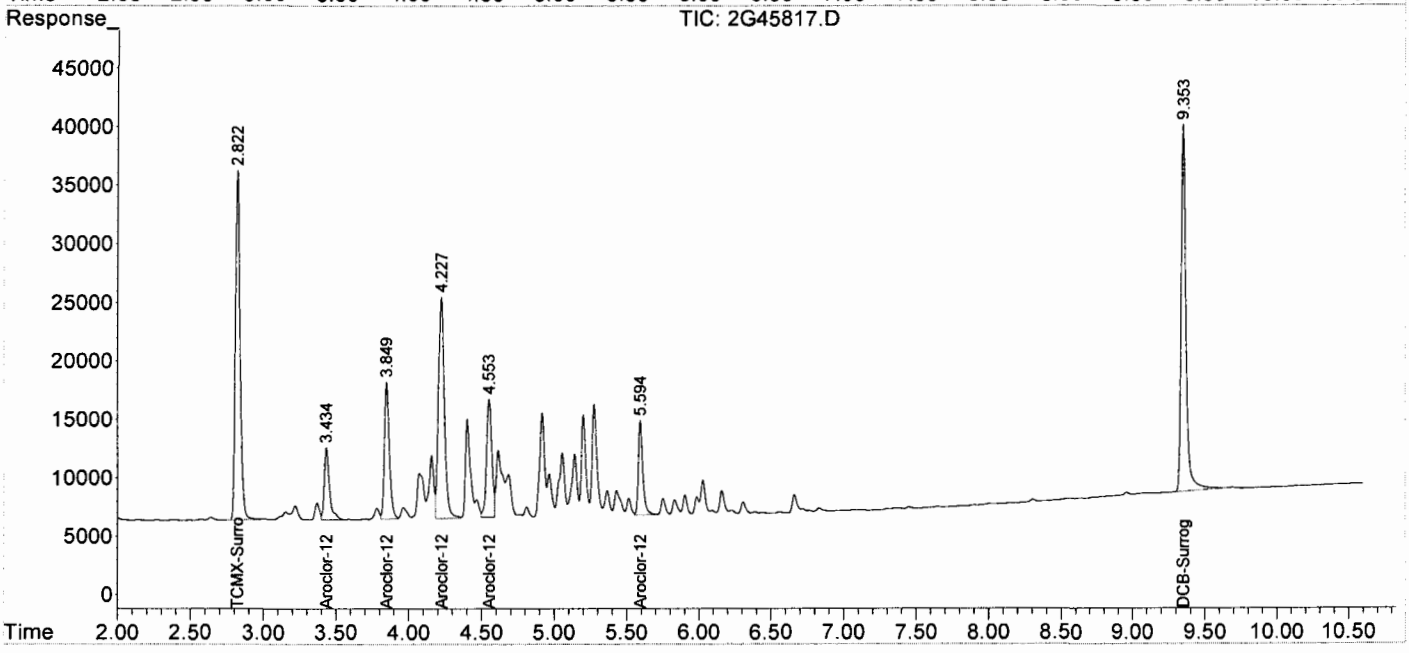
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:03
Operator : MS
Sample : CAL 1242@500PPB
Misc : S,PCB
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:12:07 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:02:15 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:17
Operator : MS
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:14:59 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:02:50 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.849	2.822	556705	648209	52.779m	45.559m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	3.742	3.850	111754	130476	533.882m	530.728
26)Aroclor-1248 {2}	4.203	4.225	277814	334473	529.384	517.203
27)Aroclor-1248 {3}	4.557	4.559	443342	283005	527.050	533.403
28)Aroclor-1248 {4}	4.906	5.059	260554	232880	535.806m	521.194
29)Aroclor-1248 {5}	5.503	5.202	313140	306719	546.194	514.845
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:17
Operator : MS
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:14:59 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:02:50 2009
Response via : Initial Calibration
Integrator: ChemStation

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

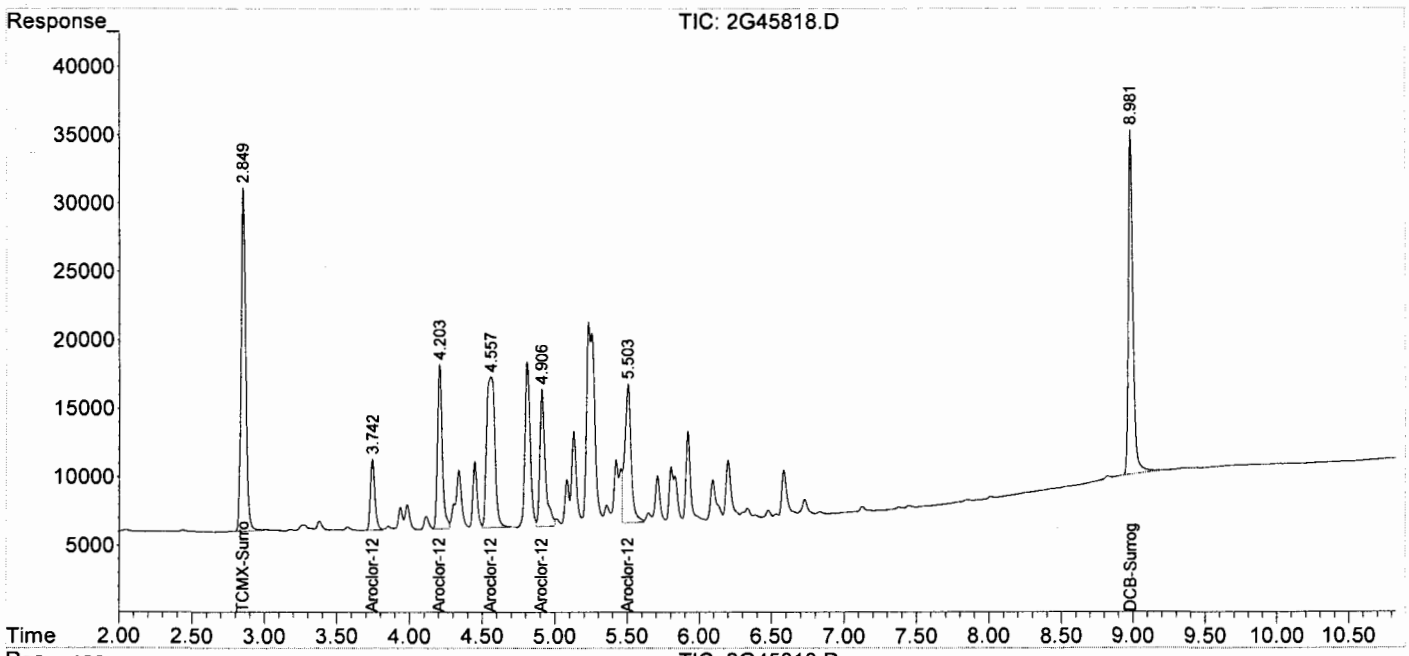
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.981	9.353	548748	719805	53.096m	51.990m

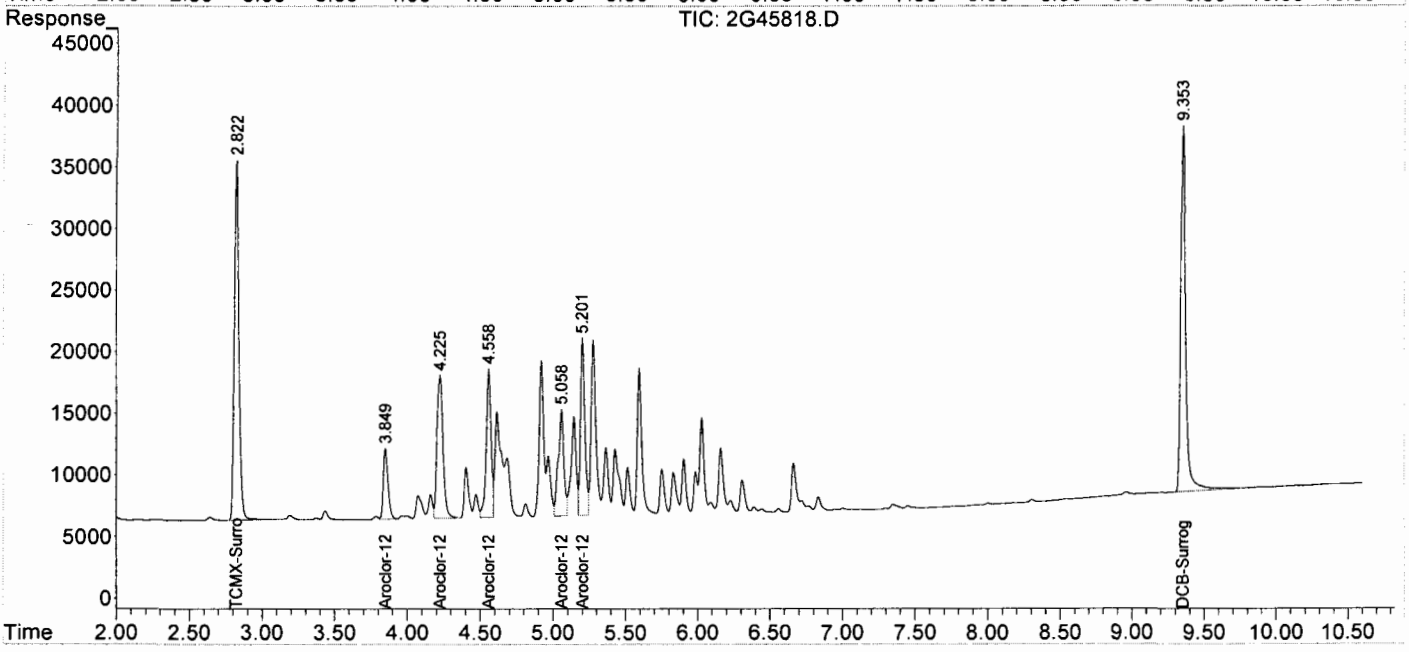
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:17
Operator : MS
Sample : CAL 1248@500PPB
Misc : S,PCB
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:14:59 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:02:50 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:31
Operator : MS
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:19:26 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:03:39 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.849	2.822	596815	699925	56.581	49.194m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	3.168	3.220	91710	112589	516.307m	516.986
13)Aroclor-1221 {2}	3.315	3.369	68057	73091	425.152m	534.762m#
14)Aroclor-1221 {3}	3.375	3.433	222622	231525	519.268m	519.515m
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	5.800	5.428	301043	422321	530.604	524.053
31)Aroclor-1254 {2}	5.916	5.750	430452	137207	518.486	512.552m
32)Aroclor-1254 {3}	6.333	6.159	224649	395104	562.664	522.359
33)Aroclor-1254 {4}	6.581	6.832	168588	430397	501.024m	548.258
34)Aroclor-1254 {5}	6.725	7.347	448448	188322	526.239m	514.936
35)Aroclor-1262 {1}	0.000	0.000	0	0	N.D. d	N.D. d
36)Aroclor-1262 {2}	0.000	0.000	0	0	N.D. d	N.D. d
37)Aroclor-1262 {3}	0.000	0.000	0	0	N.D. d	N.D. d
38)Aroclor-1262 {4}	0.000	0.000	0	0	N.D. d	N.D. d
39)Aroclor-1262 {5}	0.000	0.000	0	0	N.D. d	N.D. d
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:31
Operator : MS
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:19:26 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:03:39 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.981	9.354	574841	752953	55.620m	54.384m

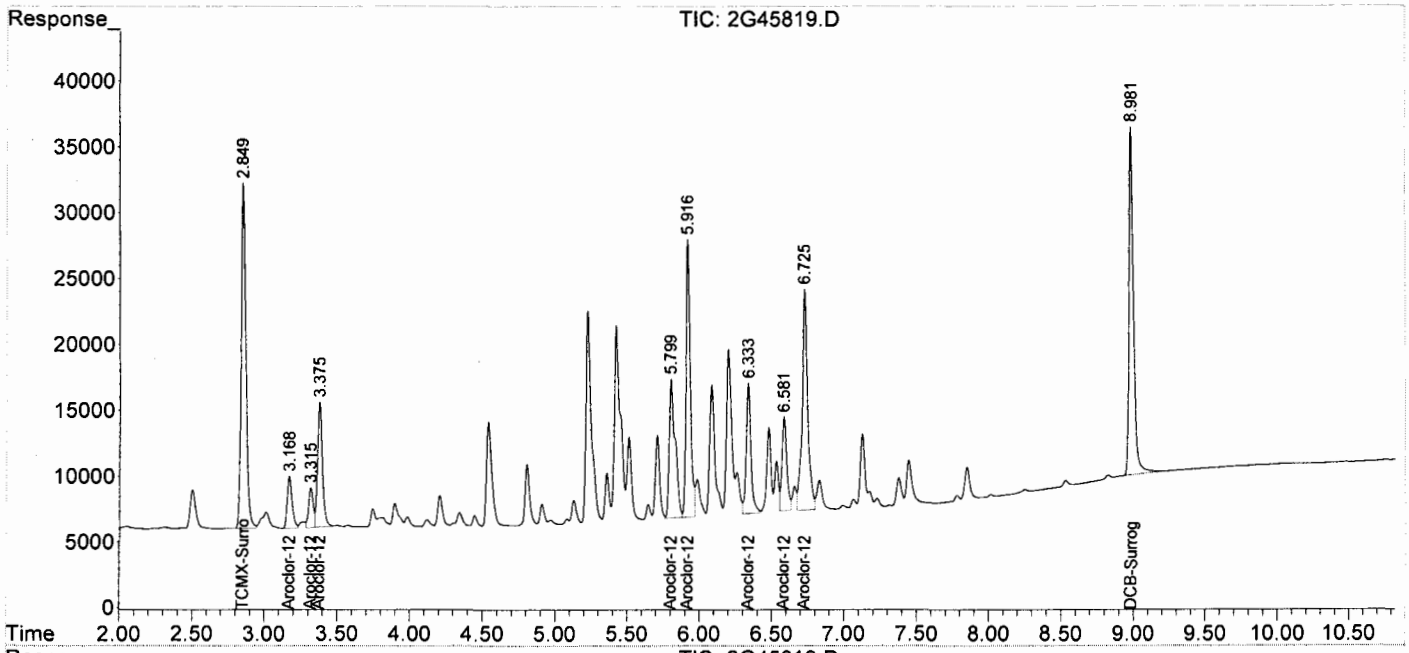
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

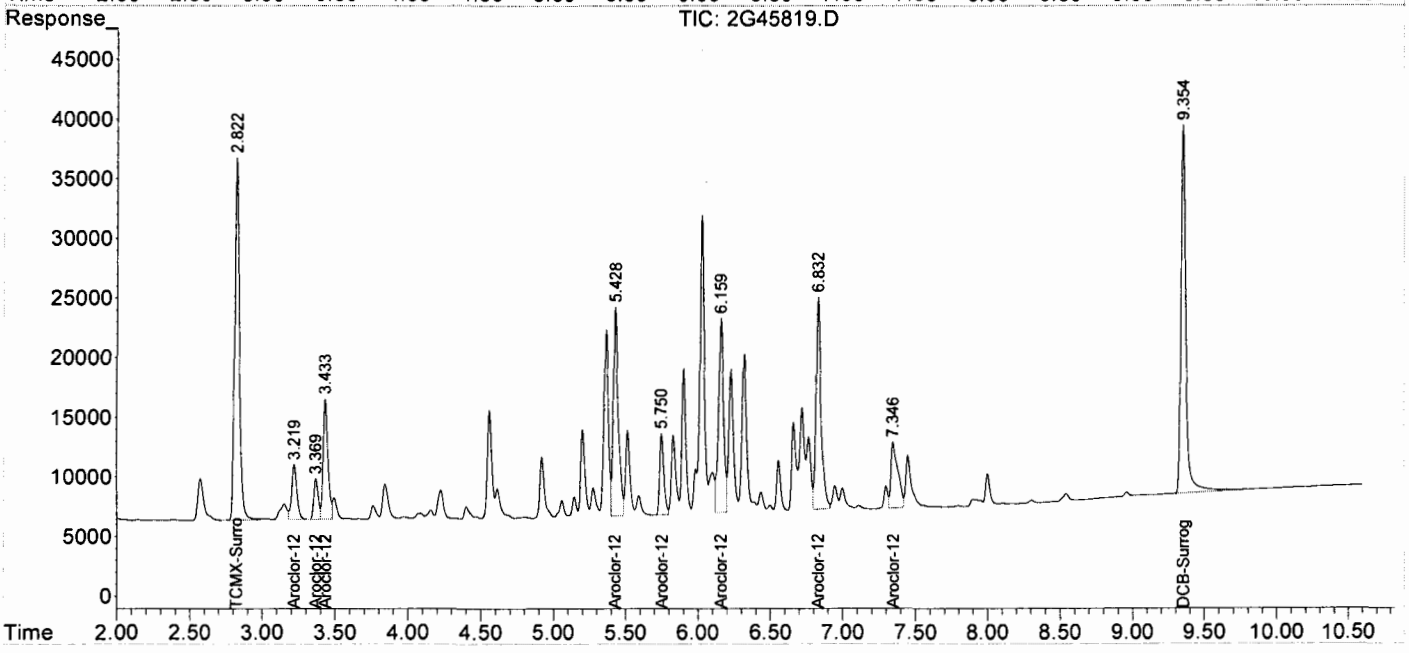
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:31
Operator : MS
Sample : CAL 2154@500PPB
Misc : S,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:19:26 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:03:39 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:45
Operator : MS
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:25:24 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:04:15 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.849	2.822	567978	651662	53.847m	45.802m
2)Aroclor-1016 {1}	0.000	0.000	0	0	N.D. d	N.D. d
3)Aroclor-1016 {2}	0.000	0.000	0	0	N.D. d	N.D. d
4)Aroclor-1016 {3}	0.000	0.000	0	0	N.D. d	N.D. d
5)Aroclor-1016 {4}	0.000	0.000	0	0	N.D. d	N.D. d
6)Aroclor-1016 {5}	0.000	0.000	0	0	N.D. d	N.D. d
7)Aroclor-1260 {1}	0.000	0.000	0	0	N.D. d	N.D. d
8)Aroclor-1260 {2}	0.000	0.000	0	0	N.D. d	N.D. d
9)Aroclor-1260 {3}	0.000	0.000	0	0	N.D. d	N.D. d
10)Aroclor-1260 {4}	0.000	0.000	0	0	N.D. d	N.D. d
11)Aroclor-1260 {5}	0.000	0.000	0	0	N.D. d	N.D. d
12)Aroclor-1221 {1}	0.000	0.000	0	0	N.D. d	N.D. d
13)Aroclor-1221 {2}	0.000	0.000	0	0	N.D. d	N.D. d
14)Aroclor-1221 {3}	0.000	0.000	0	0	N.D. d	N.D. d
15)Aroclor-1232 {1}	0.000	0.000	0	0	N.D. d	N.D. d
16)Aroclor-1232 {2}	0.000	0.000	0	0	N.D. d	N.D. d
17)Aroclor-1232 {3}	0.000	0.000	0	0	N.D. d	N.D. d
18)Aroclor-1232 {4}	0.000	0.000	0	0	N.D. d	N.D. d
19)Aroclor-1232 {5}	0.000	0.000	0	0	N.D. d	N.D. d
20)Aroclor-1242 {1}	0.000	0.000	0	0	N.D. d	N.D. d
21)Aroclor-1242 {2}	0.000	0.000	0	0	N.D. d	N.D. d
22)Aroclor-1242 {3}	0.000	0.000	0	0	N.D. d	N.D. d
23)Aroclor-1242 {4}	0.000	0.000	0	0	N.D. d	N.D. d
24)Aroclor-1242 {5}	0.000	0.000	0	0	N.D. d	N.D. d
25)Aroclor-1248 {1}	0.000	0.000	0	0	N.D. d	N.D. d
26)Aroclor-1248 {2}	0.000	0.000	0	0	N.D. d	N.D. d
27)Aroclor-1248 {3}	0.000	0.000	0	0	N.D. d	N.D. d
28)Aroclor-1248 {4}	0.000	0.000	0	0	N.D. d	N.D. d
29)Aroclor-1248 {5}	0.000	0.000	0	0	N.D. d	N.D. d
30)Aroclor-1254 {1}	0.000	0.000	0	0	N.D. d	N.D. d
31)Aroclor-1254 {2}	0.000	0.000	0	0	N.D. d	N.D. d
32)Aroclor-1254 {3}	0.000	0.000	0	0	N.D. d	N.D. d
33)Aroclor-1254 {4}	0.000	0.000	0	0	N.D. d	N.D. d
34)Aroclor-1254 {5}	0.000	0.000	0	0	N.D. d	N.D. d
35)Aroclor-1262 {1}	6.765	6.868	392106	517139	517.250	518.655
36)Aroclor-1262 {2}	7.776	7.896	249448	362393	524.642	504.038m
37)Aroclor-1262 {3}	7.839	7.998	511976	379481	532.815	548.093m
38)Aroclor-1262 {4}	8.526	8.540	249485	427435	533.168m	533.865m
39)Aroclor-1262 {5}	8.820	8.959	90815	109532	545.074m	558.173m
40)Aroclor-1268 {1}	0.000	0.000	0	0	N.D. d	N.D. d
41)Aroclor-1268 {2}	0.000	0.000	0	0	N.D. d	N.D. d
42)Aroclor-1268 {3}	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:45
Operator : MS
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:25:24 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:04:15 2009
Response via : Initial Calibration
Integrator: ChemStation

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
43)Aroclor-1268 {4}	0.000	0.000	0	0	N.D. d	N.D. d
44)Aroclor-1268 {5}	0.000	0.000	0	0	N.D. d	N.D. d
45)DCB-Surrogate	8.981	9.352	553622	718958	53.567m	51.929m

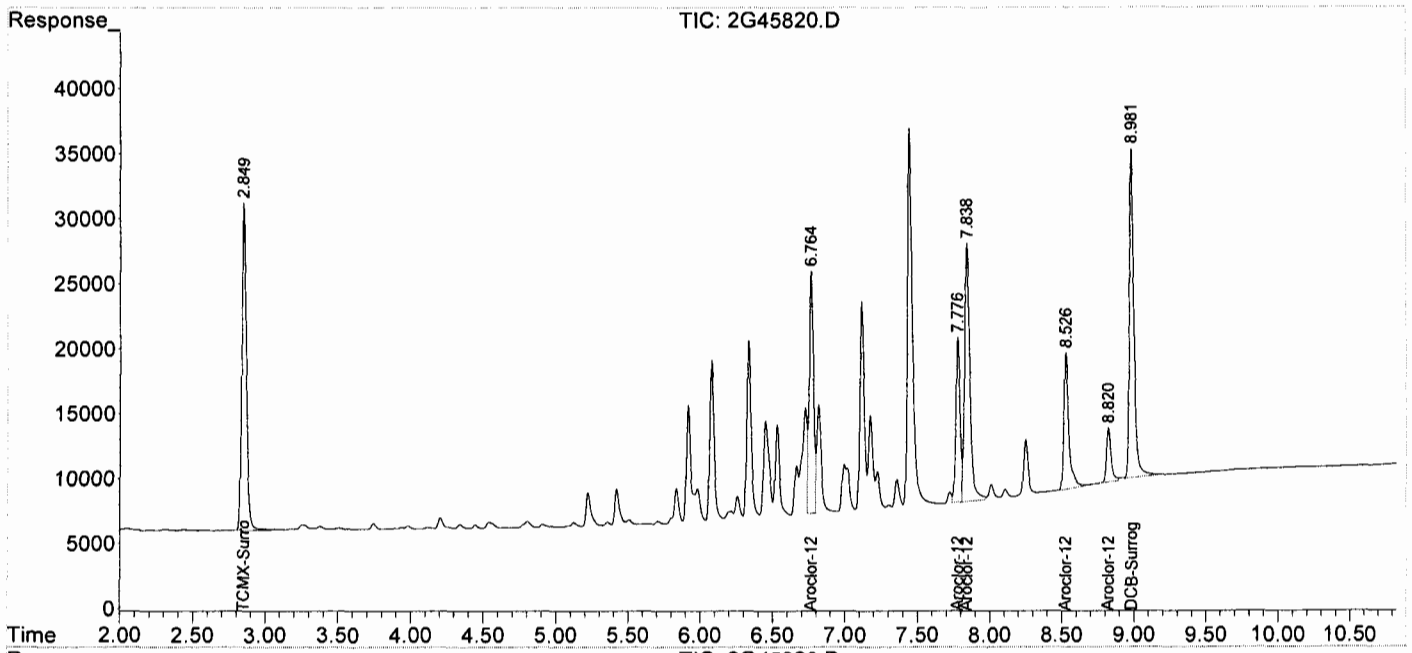
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

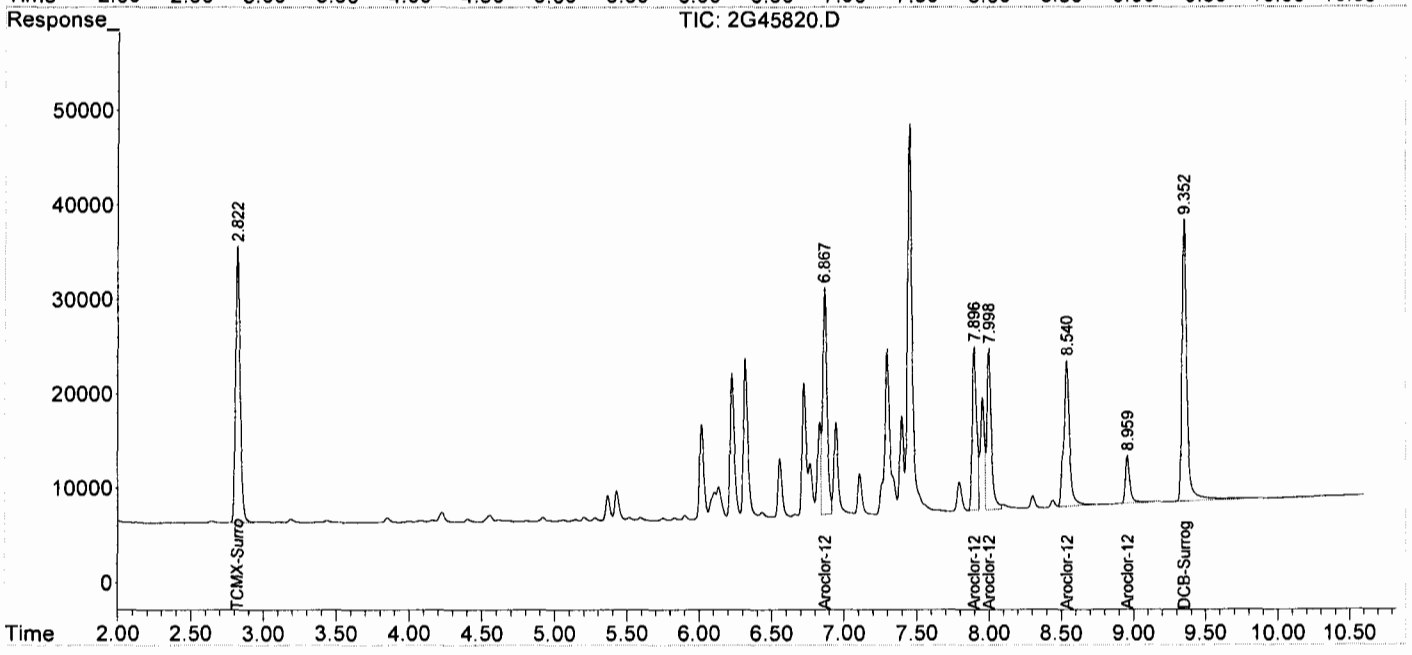
NS

Data Path : G:\Gcdata\2009\GC_2\Data\06-2309\
Data File : 2G45820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jun 2009 16:45
Operator : MS
Sample : CAL 1262@500PPB
Misc : S,PCB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jun 24 08:25:24 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:04:15 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form7
Continuing Calibration

Method: EPA 8082

				2G46344.D			2G46347.D			2G46360.D			2G46370.D			2G46381.D		
Data File:				2G46344.D			2G46347.D			2G46360.D			2G46370.D			2G46381.D		
Method:				8082			8082			8082			8082			8082		
Calibration Name:				CAL 1660@500PP			CAL 1660@1000PP			CAL 1660@1000PP			CAL 1660@500PP			CAL 1660@1000PP		
Calibration Date/Time				07/17/09 12:03			07/17/09 15:08			07/17/09 18:40			07/20/09 07:54			07/20/09 10:38		
				Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	46.2	50	7.6	100.6	100	0.6	104.0	100	4.0	49.62	50	0.8	103.1	100	3.1
Aroclor-1016	15	1	1	460.2	500	8.0	1010	1000	1.0	1064	1000	6.4	540.3	500	8.1	1064	1000	6.4
Aroclor-1016	15	1	2	476.6	500	4.7	990.9	1000	0.9	1073	1000	7.3	548.9	500	9.8	1077	1000	7.7
Aroclor-1016	15	1	3	475.2	500	5.0	978.0	1000	2.2	1061	1000	6.1	525.5	500	5.1	1064	1000	6.4
Aroclor-1016	15	1	4	458.3	500	8.3	972.3	1000	2.8	1054	1000	5.4	511.1	500	2.2	1072	1000	7.2
Aroclor-1016	15	1	5	470.6	500	5.9	980.9	1000	1.9	1066	1000	6.6	524.7	500	4.9	1080	1000	8.0
Aroclor-1260	15	1	1	481.3	500	3.7	1001	1000	0.1	1068	1000	6.8	520.8	500	4.2	1085	1000	8.5
Aroclor-1260	15	1	2	497.4	500	0.5	990.7	1000	0.9	1067	1000	6.7	513.1	500	2.6	1084	1000	8.4
Aroclor-1260	15	1	3	468.8	500	6.2	977.3	1000	2.3	1058	1000	5.8	482	500	3.6	1078	1000	7.8
Aroclor-1260	15	1	4	497.3	500	0.5	1042	1000	4.2	1115	1000	11.5	519.3	500	3.9	1126	1000	12.6
Aroclor-1260	15	1	5	473	500	5.4	1009	1000	0.9	1150	1000	15.0	479.6	500	4.1	1066	1000	6.6
DCB-Surrogate	15	1	0	54.15	50	8.3	106.6	100	6.6	110.6	100	10.6	52.49	50	5.0	108.2	100	8.2
Average Difference	15	1	0			5.3			2.0			7.7			4.5			7.6
TCMX-Surrogate	15	2	0	43.41	50	13.2	98.41	100	1.6	101.2	100	1.2	49.27	50	1.5	97.52	100	2.5
Aroclor-1016	15	2	1	435.9	500	12.8	976.6	1000	2.3	1025	1000	2.5	571.3	500	14.3	1012	1000	1.2
Aroclor-1016	15	2	2	461.0	500	7.8	976.2	1000	2.4	1037	1000	3.7	561.1	500	12.2	1009	1000	0.9
Aroclor-1016	15	2	3	487.6	500	2.5	1006	1000	0.6	1084	1000	8.4	556.7	500	11.3	1048	1000	4.8
Aroclor-1016	15	2	4	451.7	500	9.7	951.1	1000	4.9	1020	1000	2.0	510.7	500	2.1	988.9	1000	1.1
Aroclor-1016	15	2	5	500.3	500	0.1	1021	1000	2.1	1120	1000	12.0	564.1	500	12.8	1063	1000	6.3
Aroclor-1260	15	2	1	466.3	500	6.7	1003	1000	0.3	1061	1000	6.1	529.9	500	6.0	1045	1000	4.5
Aroclor-1260	15	2	2	454.4	500	9.1	988.6	1000	1.1	1050	1000	5.0	515.2	500	3.0	1037	1000	3.7
Aroclor-1260	15	2	3	419.5	500	16.1*	962.0	1000	3.8	991.2	1000	0.9	472.0	500	5.6	970.7	1000	2.9
Aroclor-1260	15	2	4	432.1	500	13.6	936.5	1000	6.3	979.7	1000	2.0	476.1	500	4.8	990.8	1000	0.9
Aroclor-1260	15	2	5	415.1	500	17.0*	924.4	1000	7.6	997.0	1000	0.3	432.0	500	13.6	964	1000	3.6
DCB-Surrogate	15	2	0	43.85	50	12.3	91.78	100	8.2	98.43	100	1.6	40.53	50	18.9*	90.21	100	9.8
Average Difference	15	2	0			10.1			3.4			3.8			8.8			3.5

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
Continuing Calibration

Method: EPA 8082

Data File:				2G46400.D												
Method:				8082												
Calibration Name:				CAL 1660@1000PP												
Calibration Date/Time				07/20/09 16:12												
					Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	97.35	100	2.7												
Aroclor-1016	15	1	1	925.2	1000	7.5												
Aroclor-1016	15	1	2	978.5	1000	2.2												
Aroclor-1016	15	1	3	961.4	1000	3.9												
Aroclor-1016	15	1	4	901.7	1000	9.8												
Aroclor-1016	15	1	5	881.9	1000	11.8												
Aroclor-1260	15	1	1	896.3	1000	10.4												
Aroclor-1260	15	1	2	942.6	1000	5.7												
Aroclor-1260	15	1	3	892.6	1000	10.7												
Aroclor-1260	15	1	4	970.2	1000	3.0												
Aroclor-1260	15	1	5	954.8	1000	4.5												
DCB-Surrogate	15	1	0	103.9	100	3.8												
Average Difference	15	1	0			6.3												
TCMX-Surrogate	15	2	0	88.09	100	11.9												
Aroclor-1016	15	2	1	824.8	1000	17.5*												
Aroclor-1016	15	2	2	854.3	1000	14.6												
Aroclor-1016	15	2	3	925.2	1000	7.5												
Aroclor-1016	15	2	4	801.4	1000	19.9*												
Aroclor-1016	15	2	5	873	1000	12.7												
Aroclor-1260	15	2	1	865.4	1000	13.5												
Aroclor-1260	15	2	2	874.6	1000	12.5												
Aroclor-1260	15	2	3	807.1	1000	19.3*												
Aroclor-1260	15	2	4	844.9	1000	15.5*												
Aroclor-1260	15	2	5	912.9	1000	8.7												
DCB-Surrogate	15	2	0	92.23	100	7.8												
Average Difference	15	2	0			13.4												

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
RtWindow Summary

Method: EPA 8082

Data File:			2G45812.D		2G46344.D		2G46347.D		2G46370.D		2G46381.D	
Calibration Name:			CAL 1660@50PPB		CAL 1660@500PPB		CAL 1660@1000PPB		CAL 1660@500PPB		CAL 1660@1000PPB	
Calibration Date/Time			6/23/2009 2:07:00 PM		7/17/2009 12:03:00 PM		7/17/2009 3:08:00 PM		7/20/2009 7:54:00 AM		7/20/2009 10:38:00 AM	
Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	2.85	(2.79 - 2.91)	2.85	(2.79 - 2.91)	2.84	(2.78 - 2.90)	2.84	(2.78 - 2.90)	2.83	(2.77 - 2.89)
Aroclor-1016	1	1	3.38	(3.34 - 3.42)	3.37	(3.33 - 3.41)	3.37	(3.33 - 3.41)	3.36	(3.32 - 3.40)	3.36	(3.32 - 3.40)
Aroclor-1016	1	2	3.74	(3.70 - 3.78)	3.74	(3.70 - 3.78)	3.73	(3.69 - 3.77)	3.73	(3.69 - 3.77)	3.72	(3.68 - 3.76)
Aroclor-1016	1	3	4.20	(4.16 - 4.24)	4.20	(4.16 - 4.24)	4.19	(4.15 - 4.23)	4.19	(4.15 - 4.23)	4.18	(4.14 - 4.22)
Aroclor-1016	1	4	4.44	(4.40 - 4.48)	4.44	(4.40 - 4.48)	4.43	(4.39 - 4.47)	4.43	(4.39 - 4.47)	4.42	(4.38 - 4.46)
Aroclor-1016	1	5	4.56	(4.52 - 4.60)	4.56	(4.52 - 4.60)	4.55	(4.51 - 4.59)	4.55	(4.51 - 4.59)	4.54	(4.50 - 4.58)
Aroclor-1260	1	1	6.08	(6.04 - 6.12)	6.08	(6.04 - 6.12)	6.07	(6.03 - 6.11)	6.06	(6.02 - 6.10)	6.06	(6.02 - 6.10)
Aroclor-1260	1	2	6.33	(6.29 - 6.37)	6.33	(6.29 - 6.37)	6.32	(6.28 - 6.36)	6.32	(6.28 - 6.36)	6.31	(6.27 - 6.35)
Aroclor-1260	1	3	6.53	(6.49 - 6.57)	6.53	(6.49 - 6.57)	6.52	(6.48 - 6.56)	6.51	(6.47 - 6.55)	6.51	(6.47 - 6.55)
Aroclor-1260	1	4	7.12	(7.08 - 7.16)	7.11	(7.07 - 7.15)	7.10	(7.06 - 7.14)	7.10	(7.06 - 7.14)	7.09	(7.05 - 7.13)
Aroclor-1260	1	5	7.84	(7.80 - 7.88)	7.84	(7.80 - 7.88)	7.83	(7.79 - 7.87)	7.82	(7.78 - 7.86)	7.82	(7.78 - 7.86)
Aroclor-1221	1	1	3.17	(3.13 - 3.21)								
Aroclor-1221	1	2	3.32	(3.28 - 3.36)								
Aroclor-1221	1	3	3.38	(3.34 - 3.42)								
Aroclor-1232	1	1	3.38	(3.34 - 3.42)								
Aroclor-1232	1	2	3.75	(3.71 - 3.79)								
Aroclor-1232	1	3	4.21	(4.17 - 4.25)								
Aroclor-1232	1	4	4.34	(4.30 - 4.38)								
Aroclor-1232	1	5	4.81	(4.77 - 4.85)								
Aroclor-1242	1	1	3.38	(3.34 - 3.42)								
Aroclor-1242	1	2	3.74	(3.70 - 3.78)								
Aroclor-1242	1	3	4.20	(4.16 - 4.24)								
Aroclor-1242	1	4	4.56	(4.52 - 4.60)								
Aroclor-1242	1	5	4.80	(4.76 - 4.84)								
Aroclor-1248	1	1	3.74	(3.70 - 3.78)								
Aroclor-1248	1	2	4.20	(4.16 - 4.24)								
Aroclor-1248	1	3	4.56	(4.52 - 4.60)								
Aroclor-1248	1	4	4.91	(4.87 - 4.95)								
Aroclor-1248	1	5	5.50	(5.46 - 5.54)								
Aroclor-1254	1	1	5.80	(5.76 - 5.84)								
Aroclor-1254	1	2	5.92	(5.88 - 5.96)								
Aroclor-1254	1	3	6.33	(6.29 - 6.37)								
Aroclor-1254	1	4	6.58	(6.54 - 6.62)								
Aroclor-1254	1	5	6.73	(6.69 - 6.77)								
Aroclor-1262	1	1	6.76	(6.72 - 6.80)								
Aroclor-1262	1	2	7.78	(7.74 - 7.82)								
Aroclor-1262	1	3	7.84	(7.80 - 7.88)								
Aroclor-1262	1	4	8.53	(8.49 - 8.57)								
Aroclor-1262	1	5	8.82	(8.78 - 8.86)								
Aroclor-1268	1	1	7.02	(6.98 - 7.06)								
Aroclor-1268	1	2	7.12	(7.08 - 7.16)								
Aroclor-1268	1	3	7.45	(7.41 - 7.49)								
Aroclor-1268	1	4	8.01	(7.97 - 8.05)								
Aroclor-1268	1	5	8.11	(8.07 - 8.15)								
DCB-Surrogate	1	0	8.98	(8.92 - 9.04)	8.97	(8.91 - 9.03)	8.97	(8.91 - 9.03)	8.96	(8.90 - 9.02)	8.96	(8.90 - 9.02)
TCMX-Surrogate	2	0	2.82	(2.76 - 2.88)	2.82	(2.76 - 2.88)	2.82	(2.76 - 2.88)	2.82	(2.76 - 2.88)	2.82	(2.76 - 2.88)
Aroclor-1016	2	1	3.43	(3.39 - 3.47)	3.43	(3.39 - 3.47)	3.43	(3.39 - 3.47)	3.43	(3.39 - 3.47)	3.43	(3.39 - 3.47)
Aroclor-1016	2	2	3.85	(3.81 - 3.89)	3.85	(3.81 - 3.89)	3.85	(3.81 - 3.89)	3.85	(3.81 - 3.89)	3.85	(3.81 - 3.89)
Aroclor-1016	2	3	4.23	(4.19 - 4.27)	4.23	(4.19 - 4.27)	4.23	(4.19 - 4.27)	4.22	(4.18 - 4.26)	4.22	(4.18 - 4.26)
Aroclor-1016	2	4	4.55	(4.51 - 4.59)	4.56	(4.52 - 4.60)	4.55	(4.51 - 4.59)	4.55	(4.51 - 4.59)	4.55	(4.51 - 4.59)
Aroclor-1016	2	5	4.92	(4.88 - 4.96)	4.92	(4.88 - 4.96)	4.92	(4.88 - 4.96)	4.92	(4.88 - 4.96)	4.92	(4.88 - 4.96)
Aroclor-1260	2	1	6.23	(6.19 - 6.27)	6.23	(6.19 - 6.27)	6.23	(6.19 - 6.27)	6.23	(6.19 - 6.27)	6.23	(6.19 - 6.27)
Aroclor-1260	2	2	6.32	(6.28 - 6.36)	6.32	(6.28 - 6.36)	6.32	(6.28 - 6.36)	6.32	(6.28 - 6.36)	6.32	(6.28 - 6.36)
Aroclor-1260	2	3	6.94	(6.90 - 6.98)	6.95	(6.91 - 6.99)	6.95	(6.91 - 6.99)	6.94	(6.90 - 6.98)	6.94	(6.90 - 6.98)
Aroclor-1260	2	4	7.30	(7.26 - 7.34)	7.30	(7.26 - 7.34)	7.30	(7.26 - 7.34)	7.30	(7.26 - 7.34)	7.30	(7.26 - 7.34)
Aroclor-1260	2	5	8.00	(7.96 - 8.04)	8.00	(7.96 - 8.04)	8.00	(7.96 - 8.04)	8.00	(7.96 - 8.04)	8.00	(7.96 - 8.04)
Aroclor-1221	2	1	3.22	(3.18 - 3.26)								
Aroclor-1221	2	2	3.37	(3.33 - 3.41)								
Aroclor-1221	2	3	3.43	(3.39 - 3.47)								
Aroclor-1232	2	1	3.43	(3.39 - 3.47)								
Aroclor-1232	2	2	3.85	(3.81 - 3.89)								
Aroclor-1232	2	3	4.23	(4.19 - 4.27)								
Aroclor-1232	2	4	4.40	(4.36 - 4.44)								
Aroclor-1232	2	5	5.06	(5.02 - 5.10)								
Aroclor-1242	2	1	3.43	(3.39 - 3.47)								
Aroclor-1242	2	2	3.85	(3.81 - 3.89)								
Aroclor-1242	2	3	4.23	(4.19 - 4.27)								
Aroclor-1242	2	4	4.55	(4.51 - 4.59)								
Aroclor-1242	2	5	5.59	(5.55 - 5.63)								
Aroclor-1248	2	1	3.85	(3.81 - 3.89)								
Aroclor-1248	2	2	4.23	(4.19 - 4.27)								
Aroclor-1248	2	3	4.56	(4.52 - 4.60)								
Aroclor-1248	2	4	5.06	(5.02 - 5.10)								
Aroclor-1248	2	5	5.20	(5.16 - 5.24)								
Aroclor-1254	2	1	5.43	(5.39 - 5.47)								
Aroclor-1254	2	2	5.75	(5.71 - 5.79)								
Aroclor-1254	2	3	6.16	(6.12 - 6.20)								
Aroclor-1254	2	4	6.83	(6.79 - 6.87)								
Aroclor-1254	2	5	7.35	(7.31 - 7.39)								
Aroclor-1262	2	1	6.87	(6.83 - 6.91)								
Aroclor-1262	2	2	7.90	(7.86 - 7.94)								
Aroclor-1262	2	3	8.00	(7.96 - 8.04)								
Aroclor-1262	2	4	8.54	(8.50 - 8.58)								
Aroclor-1262	2	5	8.96	(8.92 - 9.00)								
Aroclor-1268	2	1	7.26	(7.22 - 7.30)								
Aroclor-1268	2	2	7.40	(7.36 - 7.44)								
Aroclor-1268	2	3	7.45	(7.41 - 7.49)								
Aroclor-1268	2	4	8.31	(8.27 - 8.35)								
Aroclor-1268	2	5	8.44	(8.40 - 8.48)								
DCB-Surrogate	2	0	9.35	(9.29 - 9.41)	9.36	(9.30 - 9.42)	9.35	(9.29 - 9.41)	9.35	(9.29 - 9.41)	9.35	(9.29 - 9.41)

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46344.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 12:03
Operator : MS
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 12:19:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.849	2.820	495374	561577	46.203m	43.410m
2)Aroclor-1016 {1}	3.374	3.434	118911	135574	460.159	435.909
3)Aroclor-1016 {2}	3.740	3.851	217896	279632	476.632	461.041
4)Aroclor-1016 {3}	4.202	4.228	437709	560123	475.226	487.630
5)Aroclor-1016 {4}	4.443	4.556	149623	257815	458.259	451.647
6)Aroclor-1016 {5}	4.561	4.922	301803	181133	470.600	500.338
7)Aroclor-1260 {1}	6.075	6.232	260134	337835	481.319	466.329
8)Aroclor-1260 {2}	6.330	6.324	311833	359604	497.388	454.396
9)Aroclor-1260 {3}	6.526	6.948	166545	133420	468.833	419.452m
10)Aroclor-1260 {4}	7.112	7.301	217148	226116	497.313	432.123m
11)Aroclor-1260 {5}	7.836	8.001	350716	281947	472.979	415.085m
45)DCB-Surrogate	8.973	9.356	523030	602316	54.154m	43.855m

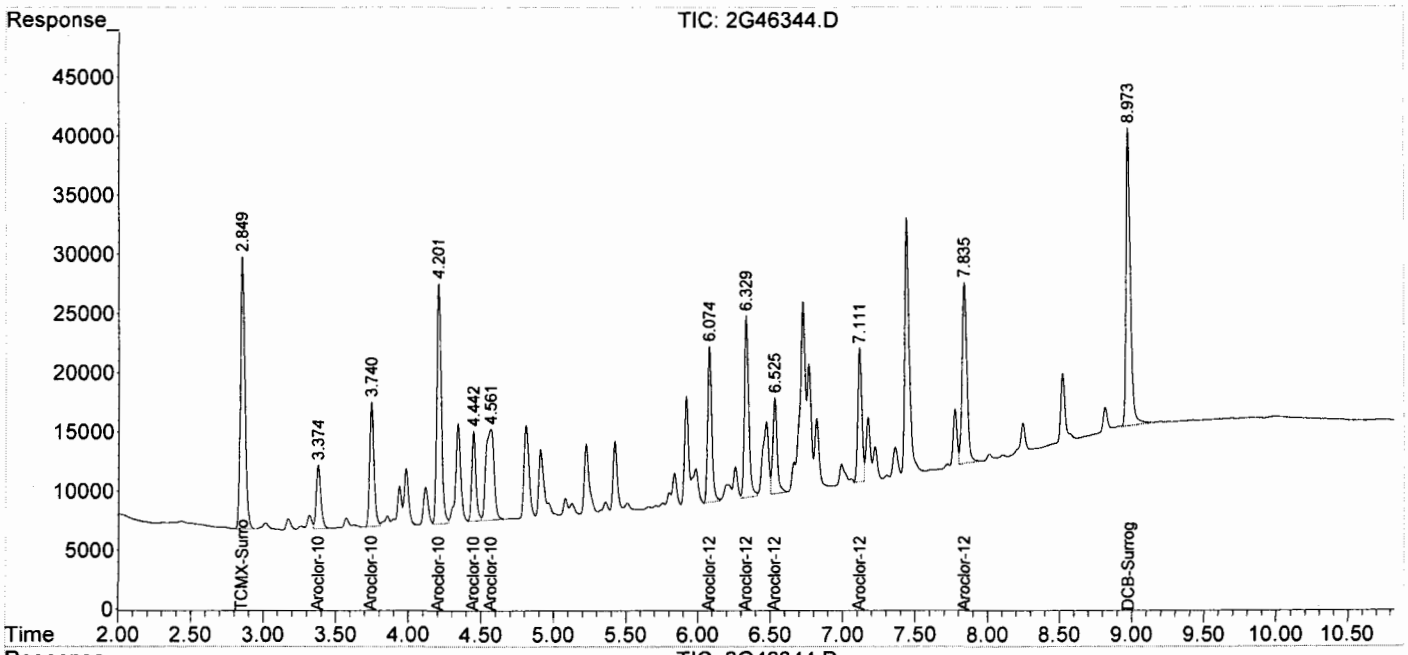
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

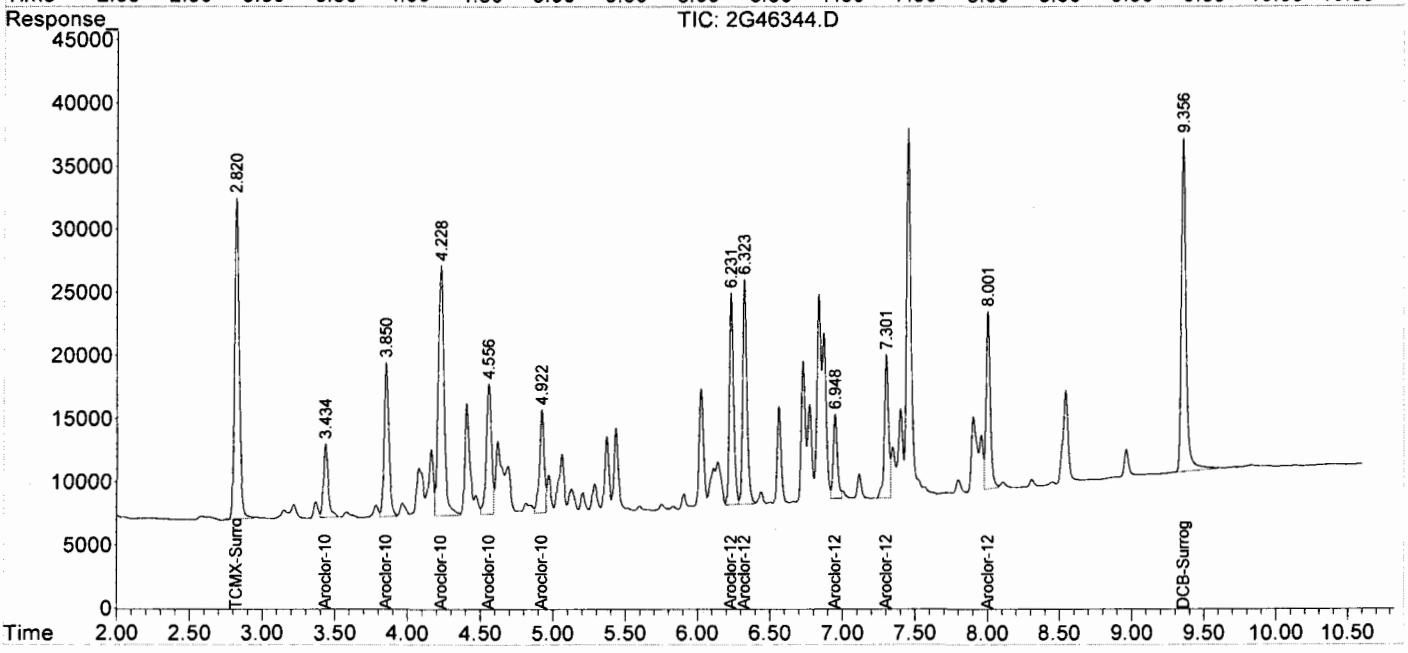
MS

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46344.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 12:03
Operator : MS
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 12:19:02 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46347.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:08
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 15:31:20 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.843	2.819	1079076	1282449	100.643	98.409
2)Aroclor-1016 {1}	3.367	3.433	253581	297690	1009.646	976.552
3)Aroclor-1016 {2}	3.732	3.849	441216	581079	990.930	976.218
4)Aroclor-1016 {3}	4.193	4.227	885382	1155785	978.017	1006.200
5)Aroclor-1016 {4}	4.434	4.554	311434	534829	972.270	951.060
6)Aroclor-1016 {5}	4.552	4.921	613813	369735	980.892	1021.305
7)Aroclor-1260 {1}	6.065	6.230	529948	726783	1001.440	1003.212
8)Aroclor-1260 {2}	6.320	6.322	610240	782335	990.667	988.561
9)Aroclor-1260 {3}	6.517	6.946	347154	306007	977.259	962.041m
10)Aroclor-1260 {4}	7.103	7.299	454975	490044	1041.987	936.507m
11)Aroclor-1260 {5}	7.827	8.000	748447	627916	1009.365	924.423
45)DCB-Surrogate	8.965	9.353	1029228	1260505	106.566m	91.778m

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

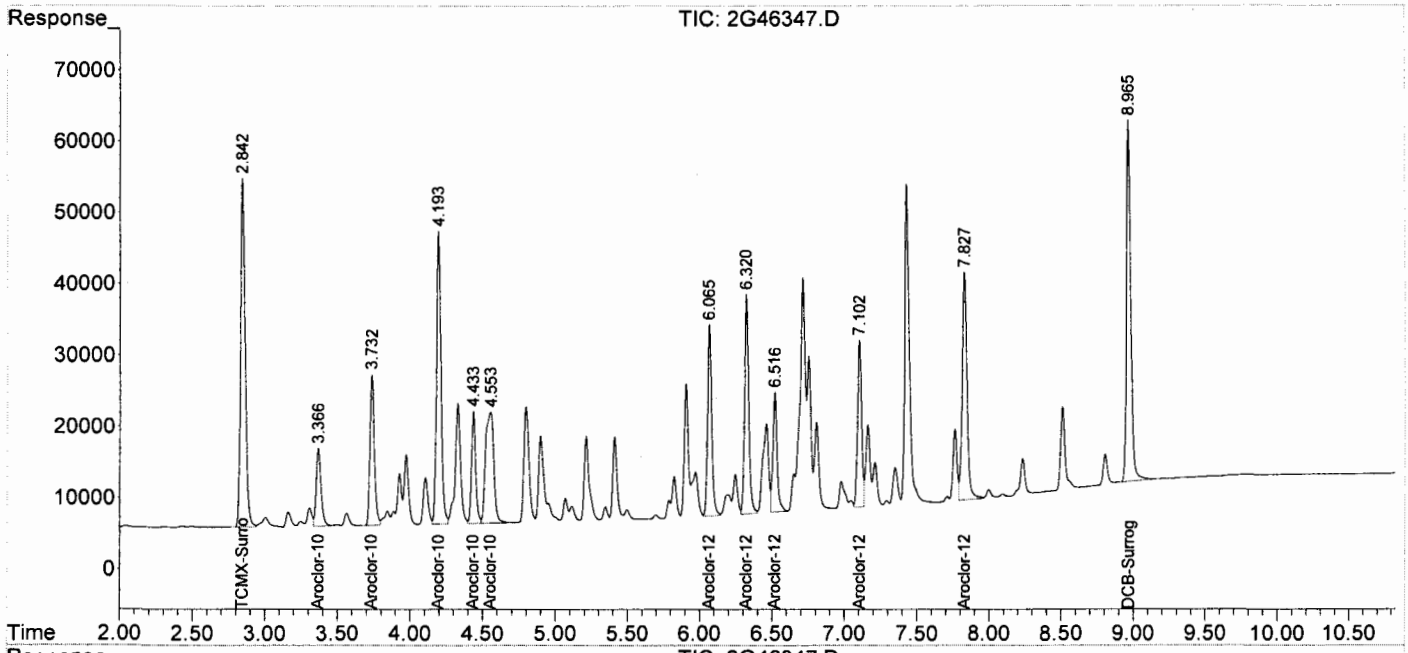
MS

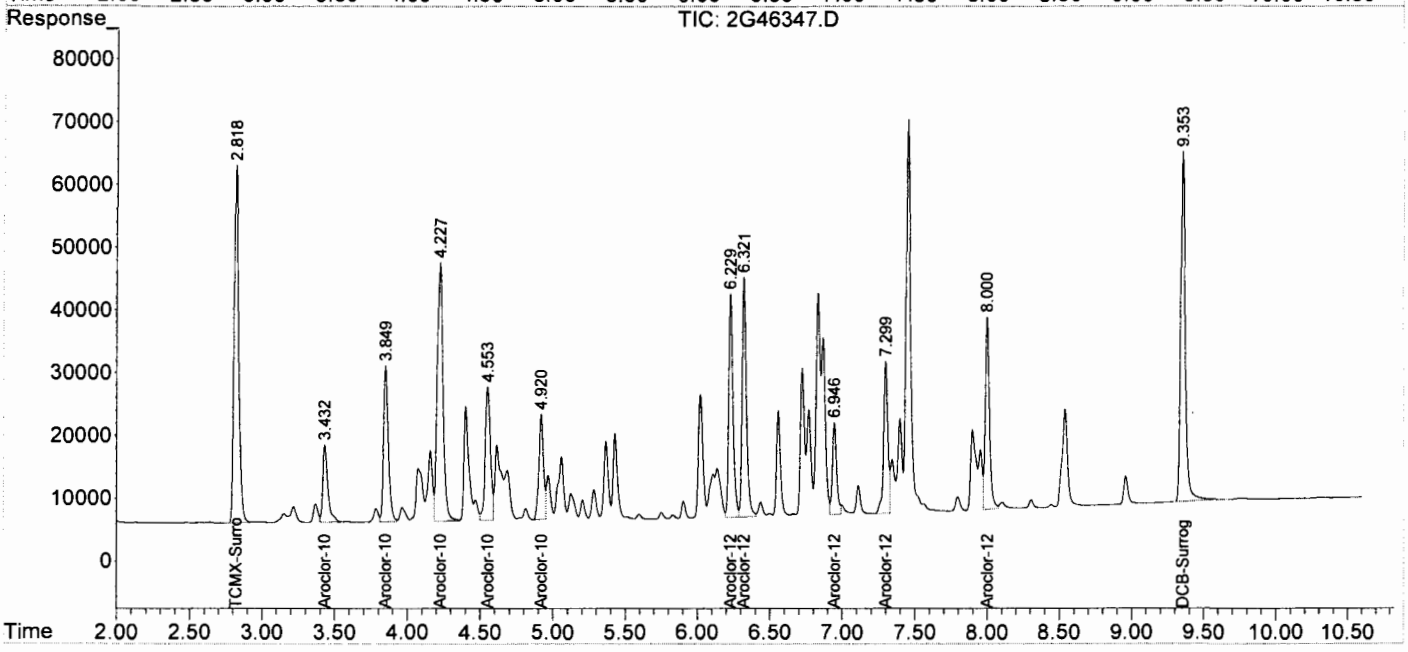
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46347.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:08
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 15:31:20 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46360.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 18:40
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:38:10 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.836	2.817	1115147	1319314	104.008m	101.200m
2)Aroclor-1016 {1}	3.359	3.430	266367	311992	1063.570	1025.342
3)Aroclor-1016 {2}	3.724	3.846	475917	616111	1073.470	1037.409
4)Aroclor-1016 {3}	4.184	4.224	957636	1244916	1060.877	1083.795
5)Aroclor-1016 {4}	4.424	4.551	336478	572524	1053.679	1020.221
6)Aroclor-1016 {5}	4.543	4.917	664471	405426	1066.277	1119.894
7)Aroclor-1260 {1}	6.056	6.226	563746	768339	1068.230	1060.574
8)Aroclor-1260 {2}	6.312	6.319	655657	830685	1067.348	1049.655
9)Aroclor-1260 {3}	6.508	6.943	375817	315271	1057.946	991.166m
10)Aroclor-1260 {4}	7.094	7.295	486699	512637	1114.642	979.685m
11)Aroclor-1260 {5}	7.819	7.997	852510	677233	1149.706	997.028
45)DCB-Surrogate	8.957	9.350	1068300	1351877	110.611m	98.430m

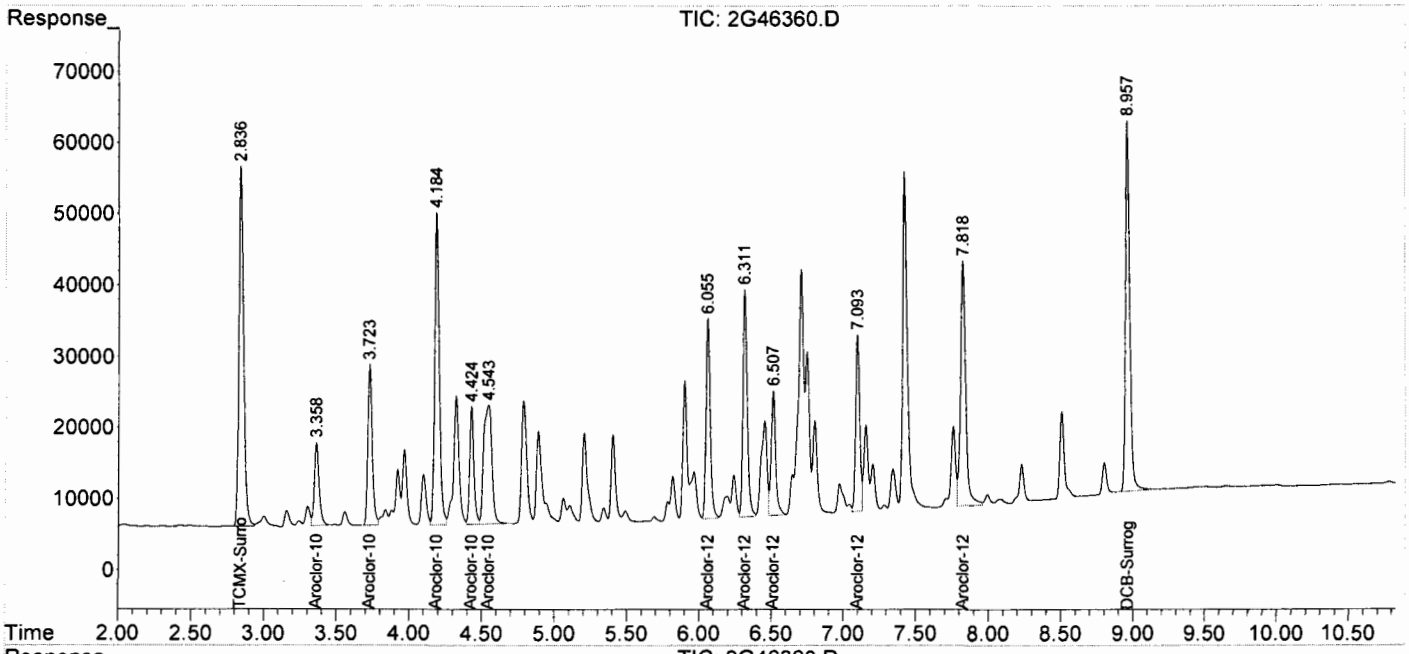
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

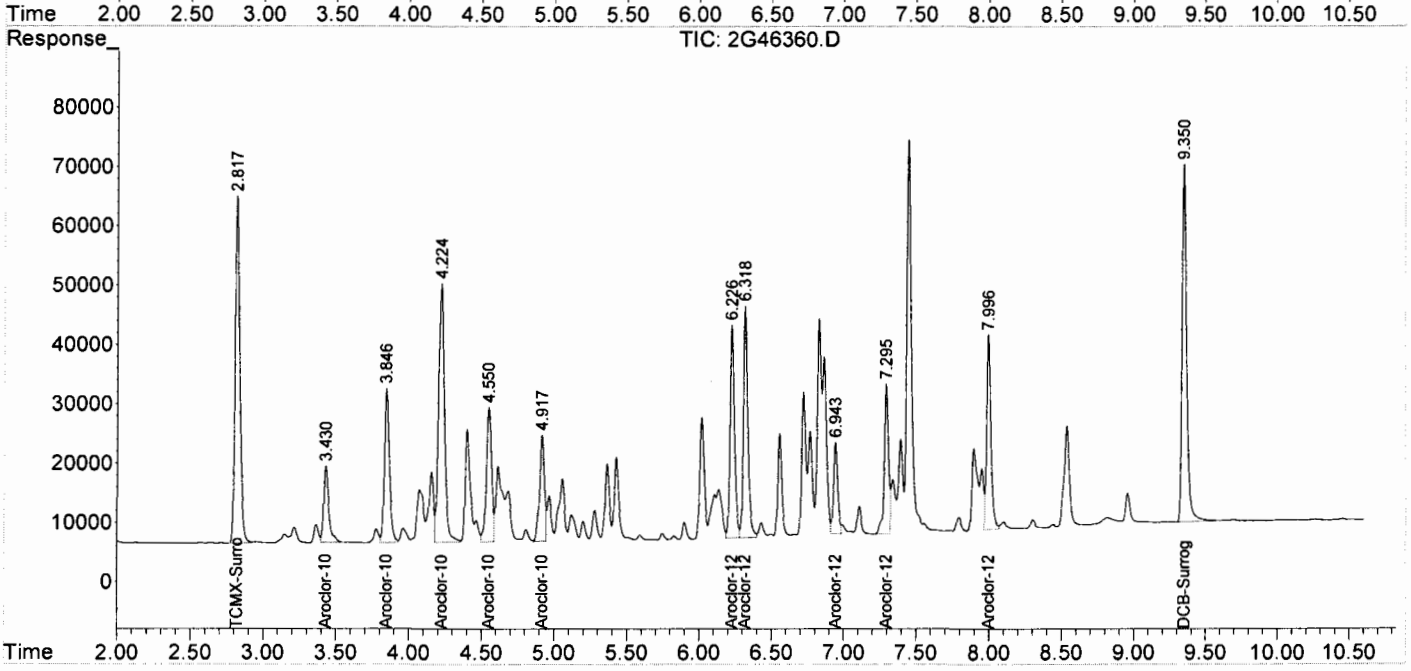
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46360.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 18:40
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:38:10 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46370.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 7:54
Operator : MS
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 09:12:18 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.840	2.818	532017	637954	49.620	49.275m
2)Aroclor-1016 {1}	3.363	3.430	139050	176807	540.308	571.330
3)Aroclor-1016 {2}	3.728	3.847	250005	339105	548.874	561.124
4)Aroclor-1016 {3}	4.189	4.224	483215	639423	525.533	556.667
5)Aroclor-1016 {4}	4.429	4.552	166553	291026	511.107	510.723
6)Aroclor-1016 {5}	4.547	4.918	335602	204221	524.649	564.114
7)Aroclor-1260 {1}	6.060	6.227	281048	383850	520.841	529.846
8)Aroclor-1260 {2}	6.315	6.319	321479	407758	513.058	515.243
9)Aroclor-1260 {3}	6.511	6.942	171207	150144	481.957	472.030m
10)Aroclor-1260 {4}	7.097	7.295	226737	249124	519.274	476.092m
11)Aroclor-1260 {5}	7.821	7.996	355648	293449	479.632	432.018
45)DCB-Surrogate	8.959	9.349	506968	556704	52.491m	40.534m

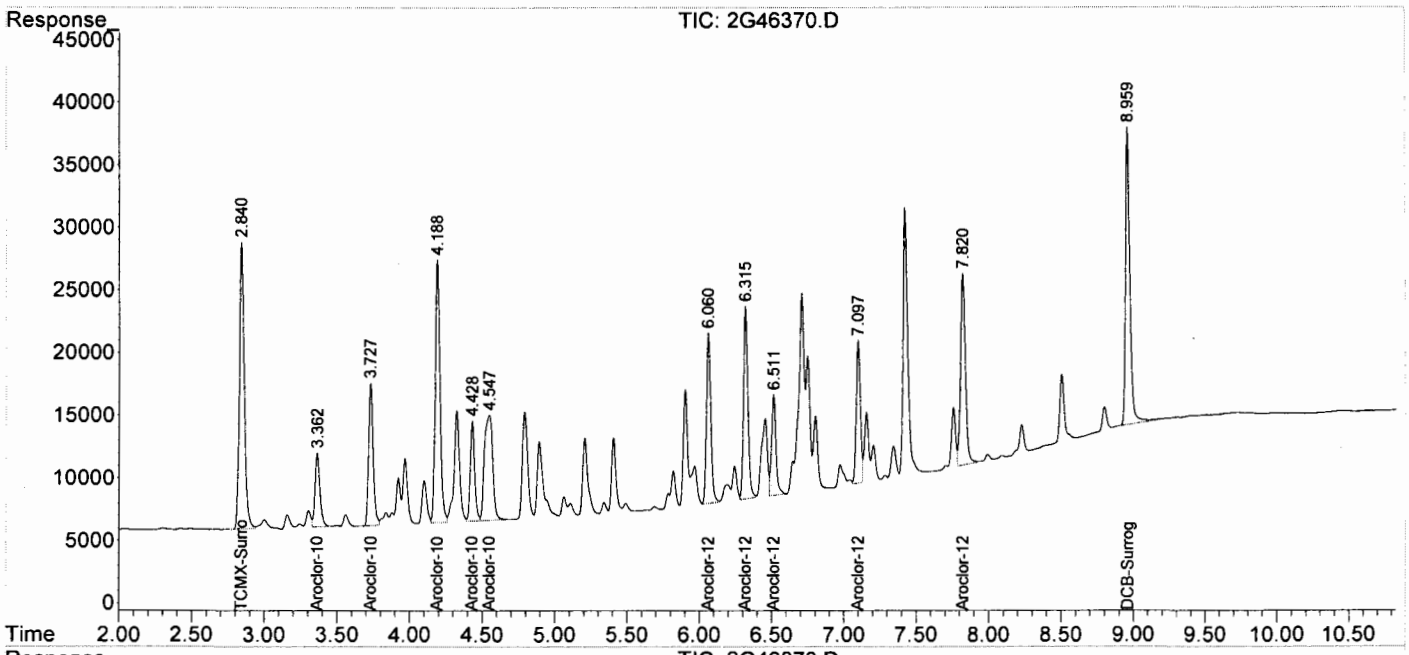
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

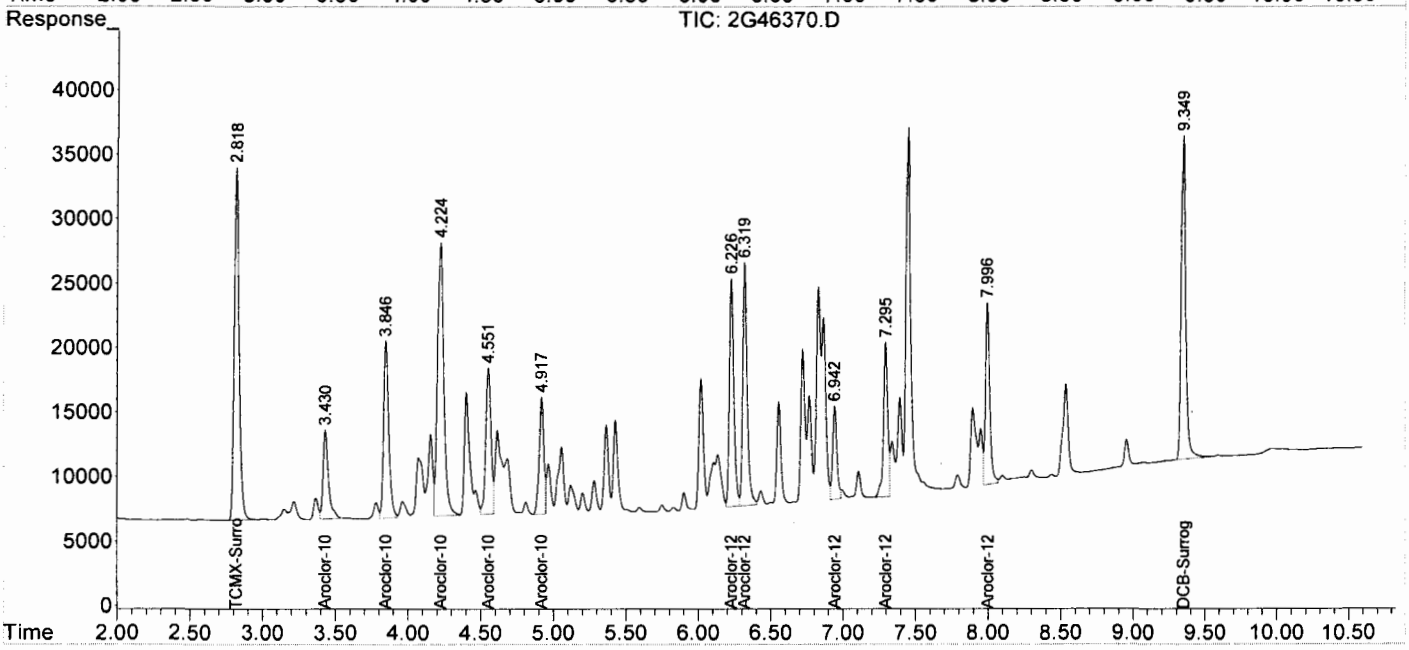
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46370.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 7:54
Operator : MS
Sample : CAL 1660@500PPB
Misc : S,PCB
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 09:12:18 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46381.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:38
Operator : MS
Sample : CAL 1660@1000PPB
Misc : A,PCB:0.5
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:16:50 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.834	2.816	1105514	1270759	103.109m	97.523m
2)Aroclor-1016 {1}	3.357	3.430	266423	308045	1063.806	1011.858
3)Aroclor-1016 {2}	3.722	3.846	477421	599970	1077.066	1009.179
4)Aroclor-1016 {3}	4.183	4.224	960101	1203828	1063.714	1048.025
5)Aroclor-1016 {4}	4.423	4.551	341942	555460	1071.510	988.877
6)Aroclor-1016 {5}	4.542	4.917	672779	384979	1080.353	1063.415
7)Aroclor-1260 {1}	6.056	6.227	572125	757201	1084.847	1045.199
8)Aroclor-1260 {2}	6.312	6.320	665648	820752	1084.276	1037.104
9)Aroclor-1260 {3}	6.508	6.944	382815	308765	1077.645	970.713m
10)Aroclor-1260 {4}	7.094	7.297	491664	518431	1126.013	990.758m
11)Aroclor-1260 {5}	7.820	8.000	790273	654790	1065.772	963.988
45)DCB-Surrogate	8.959	9.352	1045060	1238966	108.205	90.209

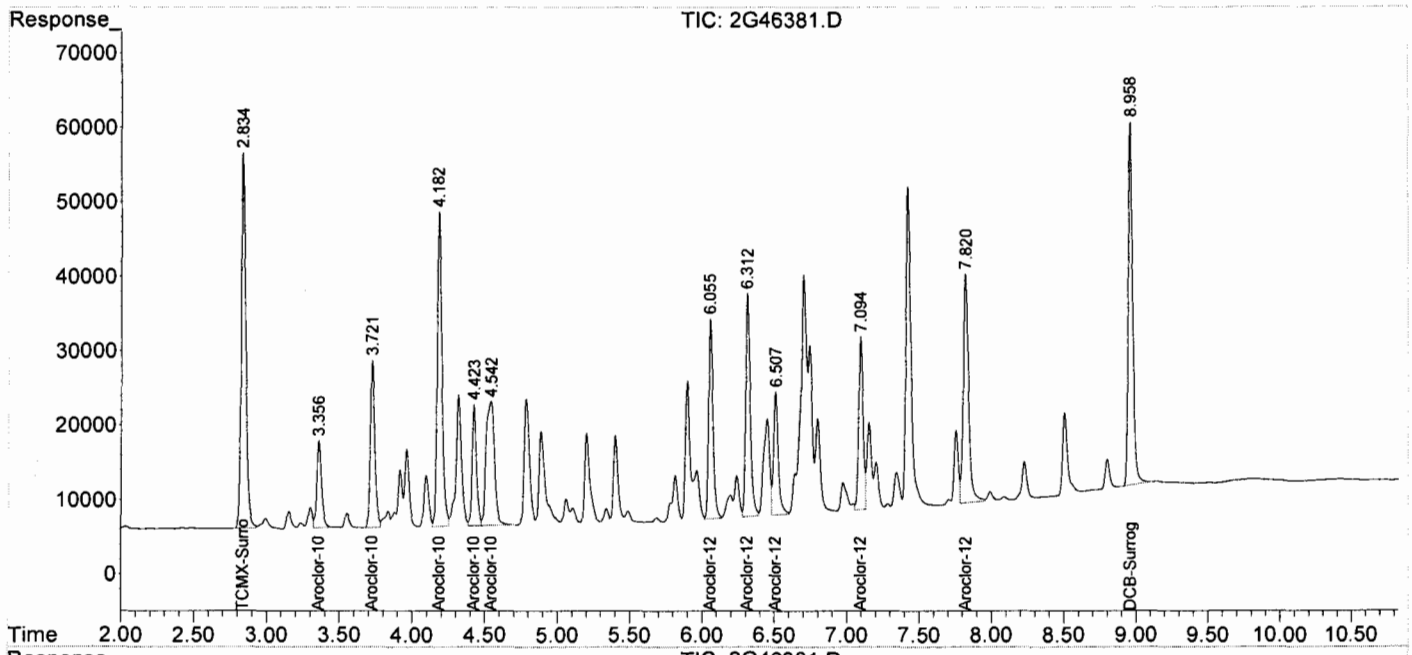
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

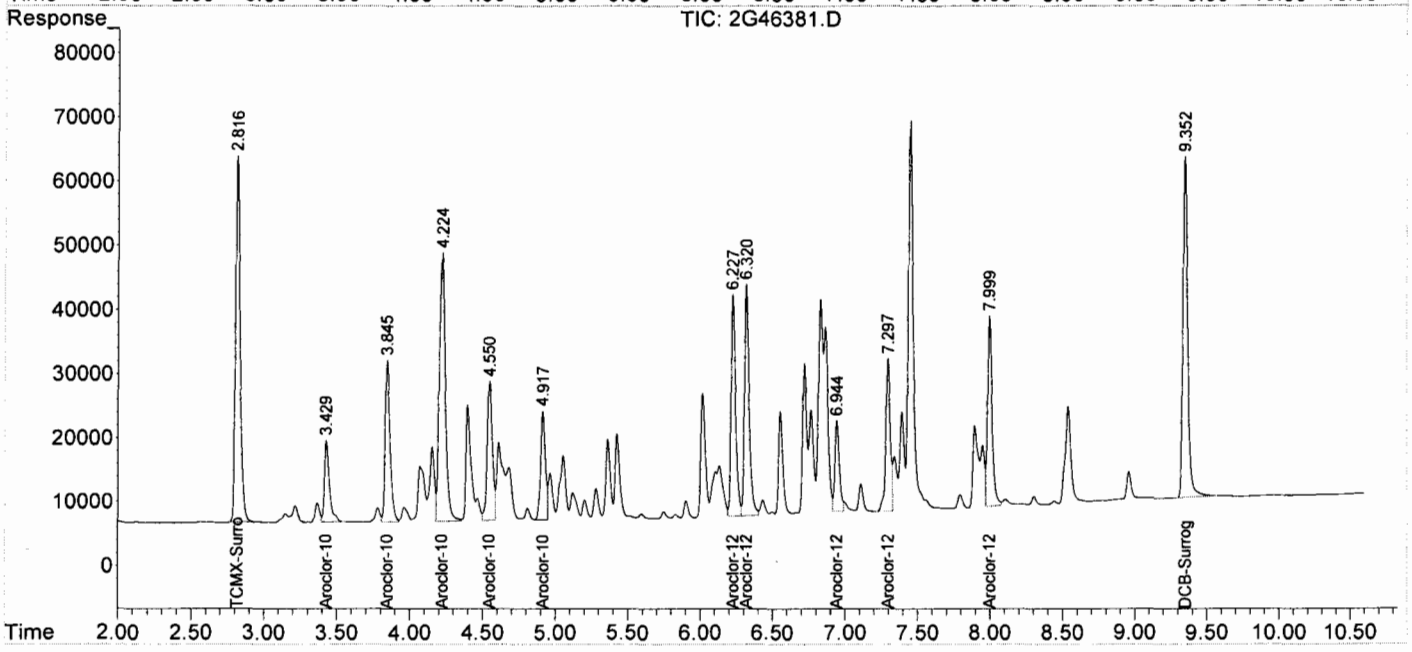
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46381.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:38
Operator : MS
Sample : CAL 1660@1000PPB
Misc : A,PCB:0.5
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:16:50 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46400.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 16:12
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 21 12:05:27 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.841	2.823	1043816	1146363	97.355	88.087m
2)Aroclor-1016 {1}	3.362	3.434	233395	252855	925.169	824.781
3)Aroclor-1016 {2}	3.727	3.850	435960	510780	978.492	854.280
4)Aroclor-1016 {3}	4.187	4.227	870826	1062759	961.385	925.213
5)Aroclor-1016 {4}	4.427	4.554	289593	452725	901.692	801.437
6)Aroclor-1016 {5}	4.545	4.919	554553	316042	881.944	872.992
7)Aroclor-1260 {1}	6.058	6.227	476334	626959	896.265	865.421
8)Aroclor-1260 {2}	6.313	6.319	581609	692164	942.553	874.620
9)Aroclor-1260 {3}	6.509	6.943	317075	256736	892.585	807.140m
10)Aroclor-1260 {4}	7.095	7.295	423631	442121	970.202	844.925m
11)Aroclor-1260 {5}	7.818	7.996	707984	620053	954.796	912.847
45)DCB-Surrogate	8.958	9.349	1003036	1266693	103.854m	92.228m

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

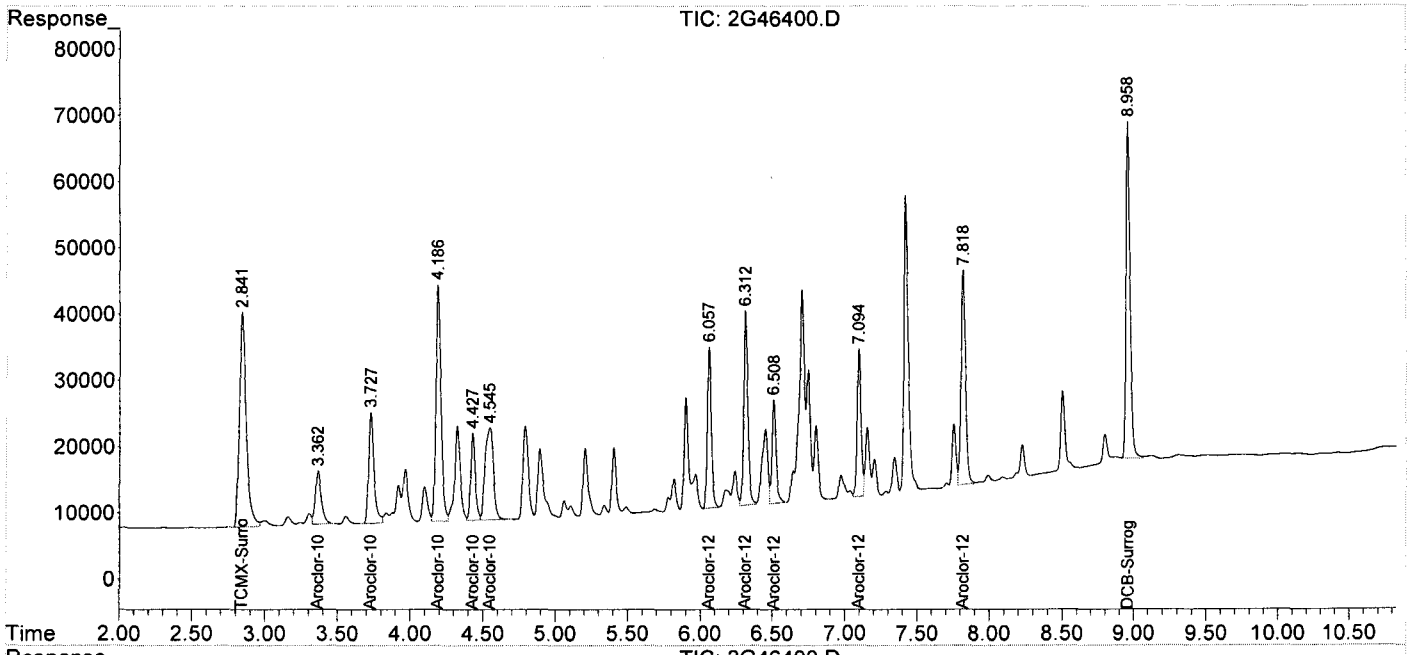
MS

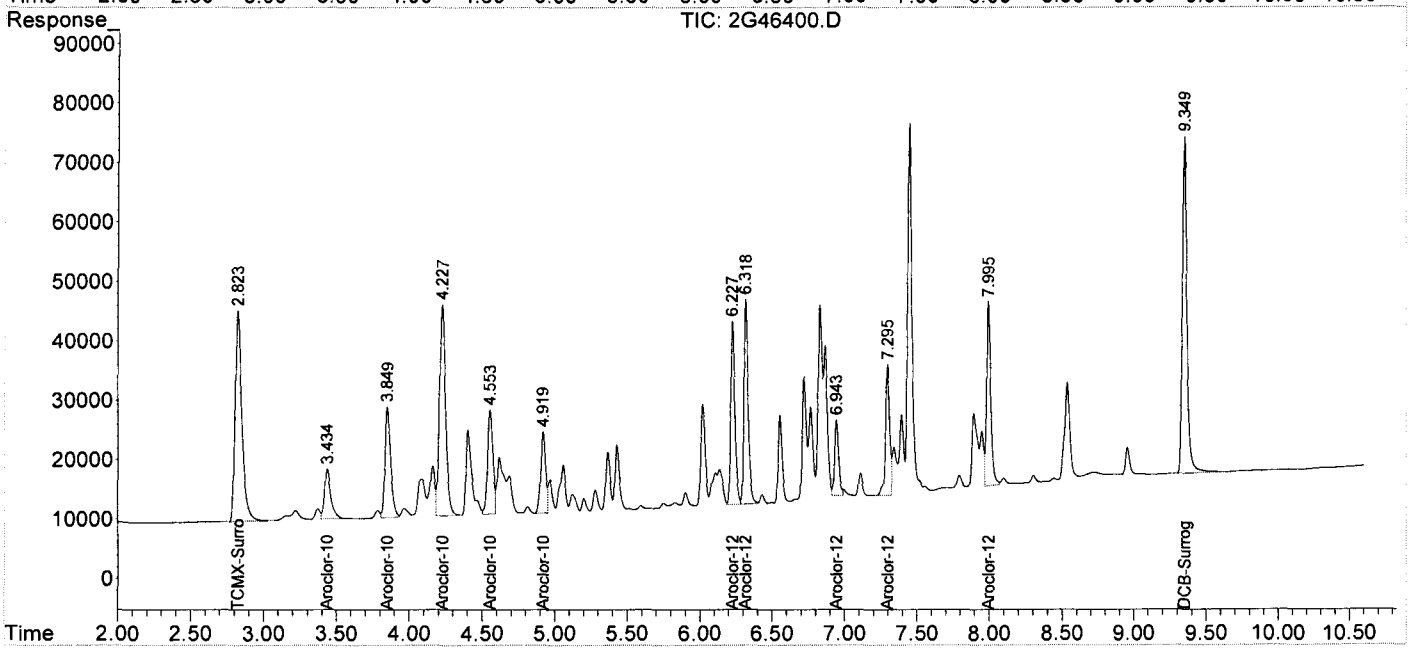
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46400.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 16:12
Operator : MS
Sample : CAL 1660@1000PPB
Misc : S,PCB:0.5
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 21 12:05:27 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC PCB Data
Raw QC Data

Form1

ORGANICS PCB REPORT

Sample Number: SMB2320B
Client Id:
Data File: 2G46345.D
Analysis Date: 07/17/09 14:22
Date Rec/Extracted: NA-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.025	U	11097-69-1	Aroclor-1254	0.025	U
11104-28-2	Aroclor-1221	0.025	U	11096-82-5	Aroclor-1260	0.025	U
11141-16-5	Aroclor-1232	0.025	U	37324-23-5	Aroclor-1262	0.025	U
53469-21-9	Aroclor-1242	0.025	U	11100-14-4	Aroclor-1268	0.025	U
12672-29-6	Aroclor-1248	0.025	U				

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46345.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:22
Operator : MS
Sample : SMB2320B
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 14:50:42 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

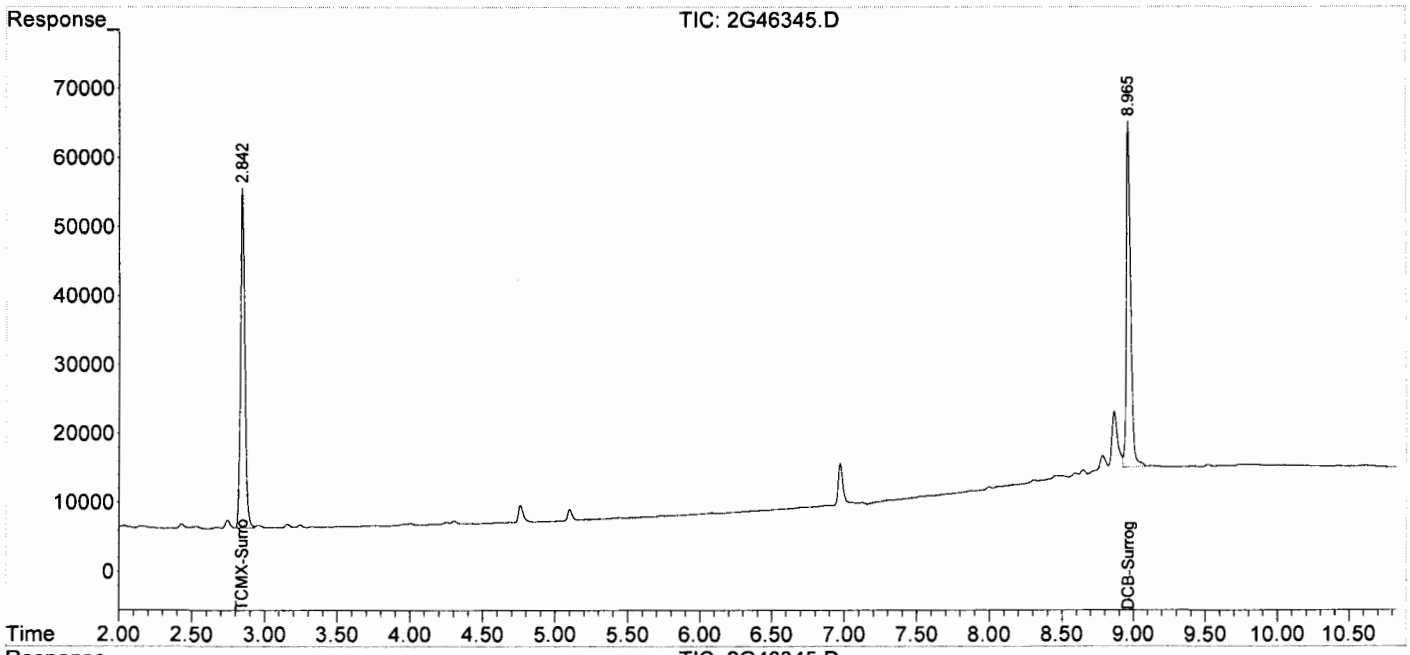
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.842	2.818	1003695	1232376	93.613m	94.614m
45)	DCB-Surrogate	8.965	9.352	1032828	1216562	106.938m	88.578m

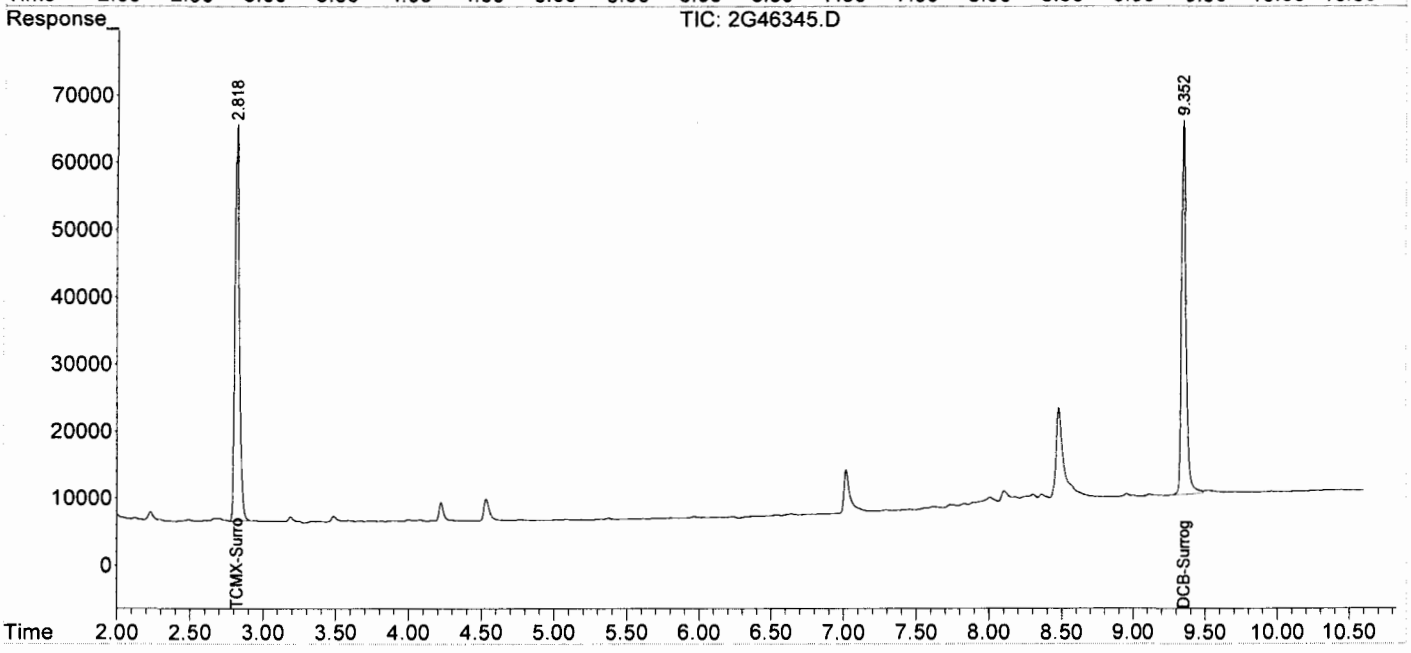
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46345.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:22
Operator : MS
Sample : SMB2320B
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 14:50:42 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form1

ORGANICS PCB REPORT

Sample Number: WMB3604
Client Id:
Data File: 2G46371.D
Analysis Date: 07/20/09 08:08
Date Rec/Extracted: NA-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11096-82-5	Aroclor-1260	0.25	U
11141-16-5	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
53469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
12672-29-6	Aroclor-1248	0.25	U				

Worksheet #: 124818

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46371.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:08
Operator : MS
Sample : WMB3604
Misc : A,PCB
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 09:12:53 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

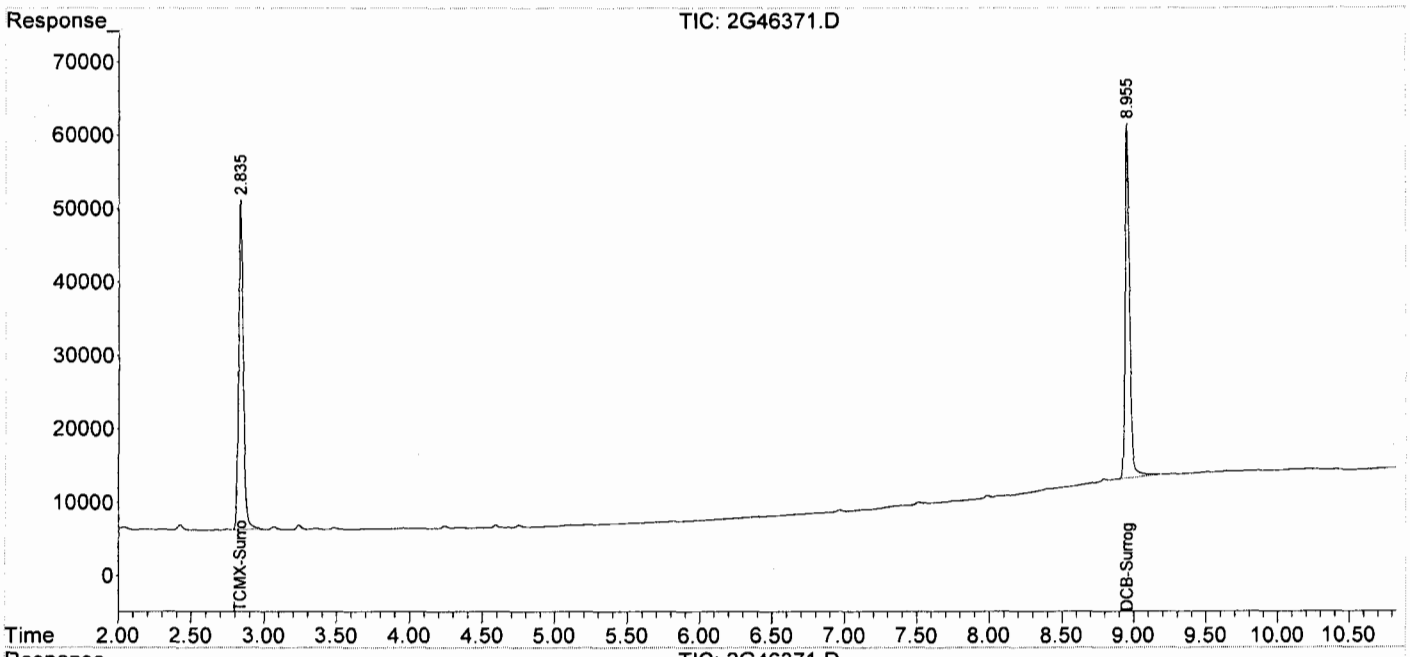
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	2.836	2.817	1005943	1192477	93.822	91.588
45)	DCB-Surrogate	8.955	9.348	1030118	1199093	106.658m	87.306

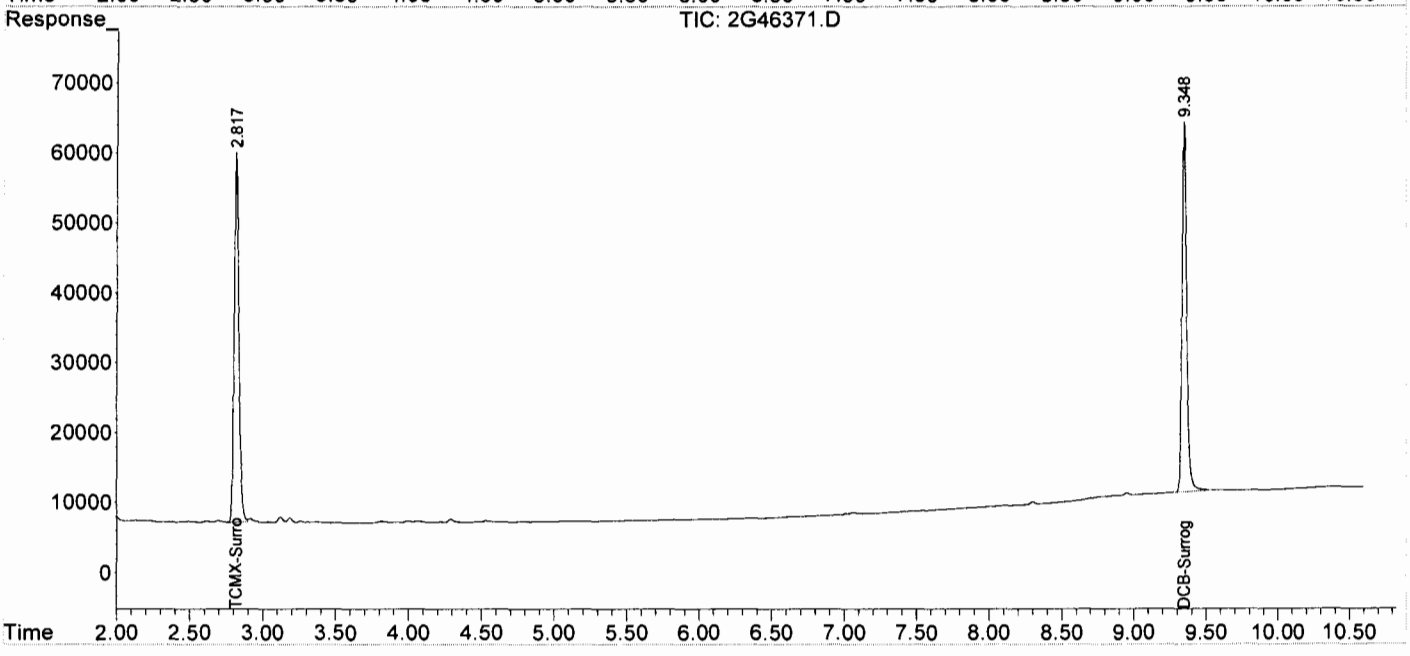
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46371.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:08
Operator : MS
Sample : WMB3604
Misc : A,PCB
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 09:12:53 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





FORM 3

Spike Recovery

Batch Number: SMB2320B
Mbs Name: SMB2320B(MS)
Ns Name: AC45774-005
Ms Name: AC45774-006(MS:
Msd Name: AC45774-007(MSD

Mbs File: 2G46346.D
Non Spk'd File: 2G46348.D
Spike File: 2G46349.D
Spike Dup File: 2G46350.D
Matrix: Soil
Method: EPA 8082

Mbs Date: 07/17/09 14:36
Non Spk'd Date: 07/17/09 15:30
Spike Date : 07/17/09 15:44
Spike Dup Date: 07/17/09 15:58

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	30	163	40	980.04	0.00	944.07	1053.29	98	94	105	11
Aroclor-1260	7	1	0	1000	25	166	37	988.39	0.00	1012.38	1104.93	99	101	110	8.7

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46346.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:36
Operator : MS
Sample : SMB2320B(MS)
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 14:53:01 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

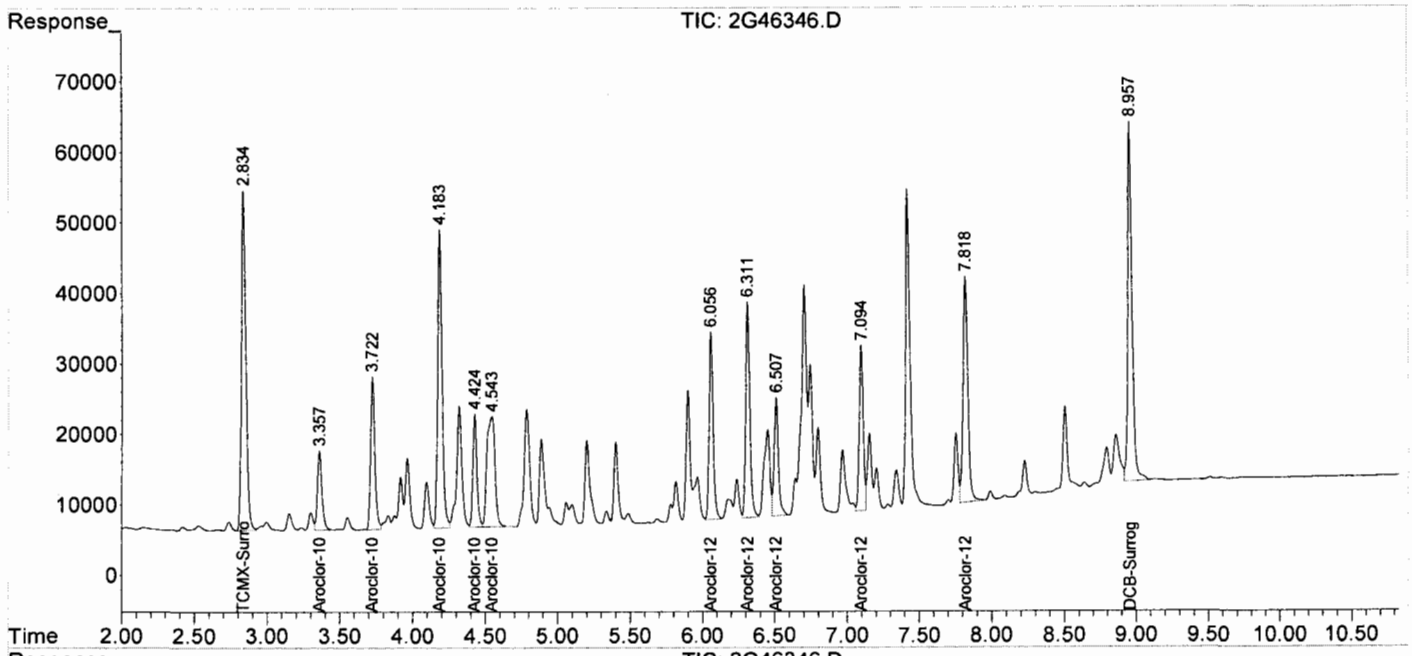
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.835	2.816	1020665	1214902	95.196	93.289
2)Aroclor-1016 {1}	3.358	3.429	243035	302154	965.413	991.759
3)Aroclor-1016 {2}	3.723	3.846	440946	577467	990.290	969.926
4)Aroclor-1016 {3}	4.184	4.223	895310	1189583	989.374	1035.623
5)Aroclor-1016 {4}	4.424	4.549	312603	602232	976.059	1074.942
6)Aroclor-1016 {5}	4.543	4.916	612735	376673	979.083	1040.469
7)Aroclor-1260 {1}	6.056	6.225	520912	720116	983.648	994.009
8)Aroclor-1260 {2}	6.311	6.317	604000	763591	980.167	964.875
9)Aroclor-1260 {3}	6.508	6.942	341521	295602	961.400	929.330
10)Aroclor-1260 {4}	7.094	7.294	449965	479313	1030.514	916.001m
11)Aroclor-1260 {5}	7.819	7.996	731270	667049	986.200	982.035
45)DCB-Surrogate	8.957	9.349	1051695	1261045	108.892m	91.817

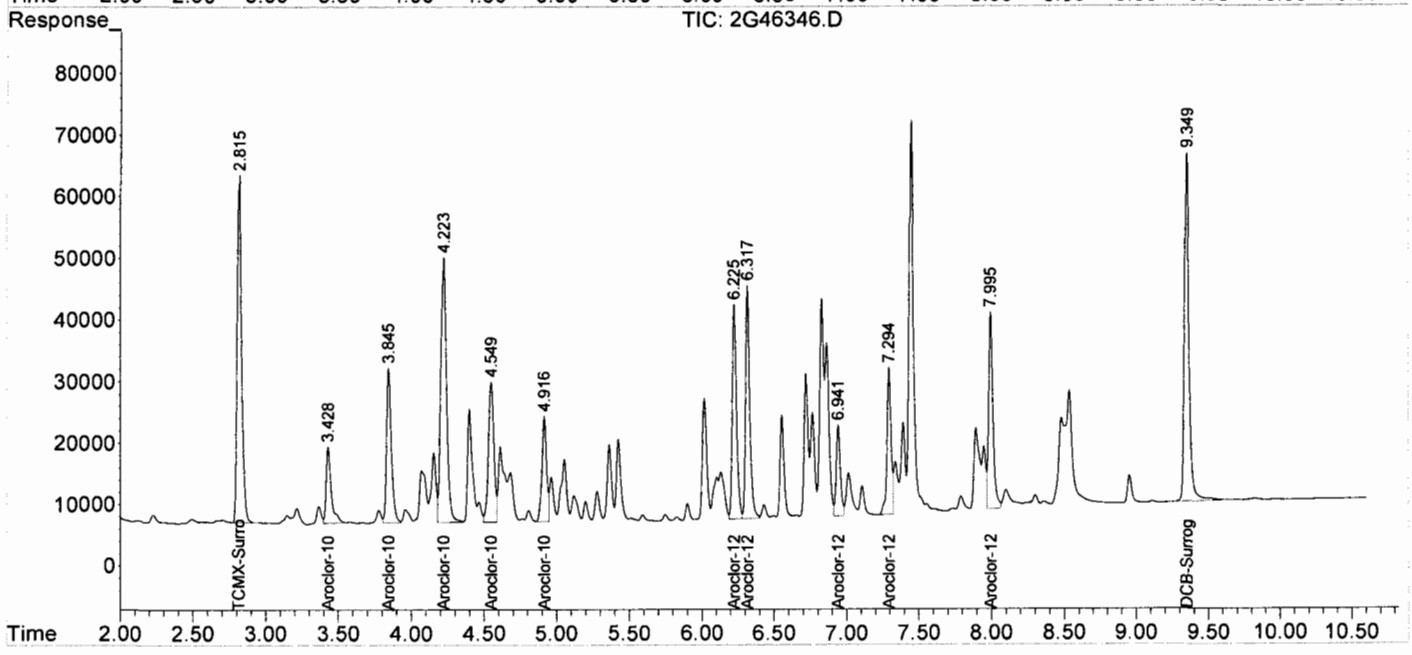
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46346.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:36
Operator : MS
Sample : SMB2320B(MS)
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 17 14:53:01 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46349.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:44
Operator : MS
Sample : AC45774-006(MS:AC45774-005)
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:16:15 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.837	2.817	900409	1060490	83.979	81.559m
2)Aroclor-1016 {1}	3.360	3.431	228552	271195	905.016	886.648
3)Aroclor-1016 {2}	3.725	3.847	420786	544114	942.682	911.959
4)Aroclor-1016 {3}	4.186	4.225	861058	1104458	950.234	961.516
5)Aroclor-1016 {4}	4.426	4.551	306095	517732	954.982	919.787
6)Aroclor-1016 {5}	4.545	4.918	605788	367958	967.435	1016.396
7)Aroclor-1260 {1}	6.058	6.226	530268	726682	1002.071	1003.073
8)Aroclor-1260 {2}	6.313	6.318	617879	790587	1003.535	998.987
9)Aroclor-1260 {3}	6.509	6.943	352168	306585	991.374	963.858m
10)Aroclor-1260 {4}	7.095	7.296	456930	496928	1046.463	949.663m
11)Aroclor-1260 {5}	7.821	7.997	755202	639071	1018.475	940.846
45)DCB-Surrogate	8.958	9.350	1021673	1273129	105.783m	92.697m

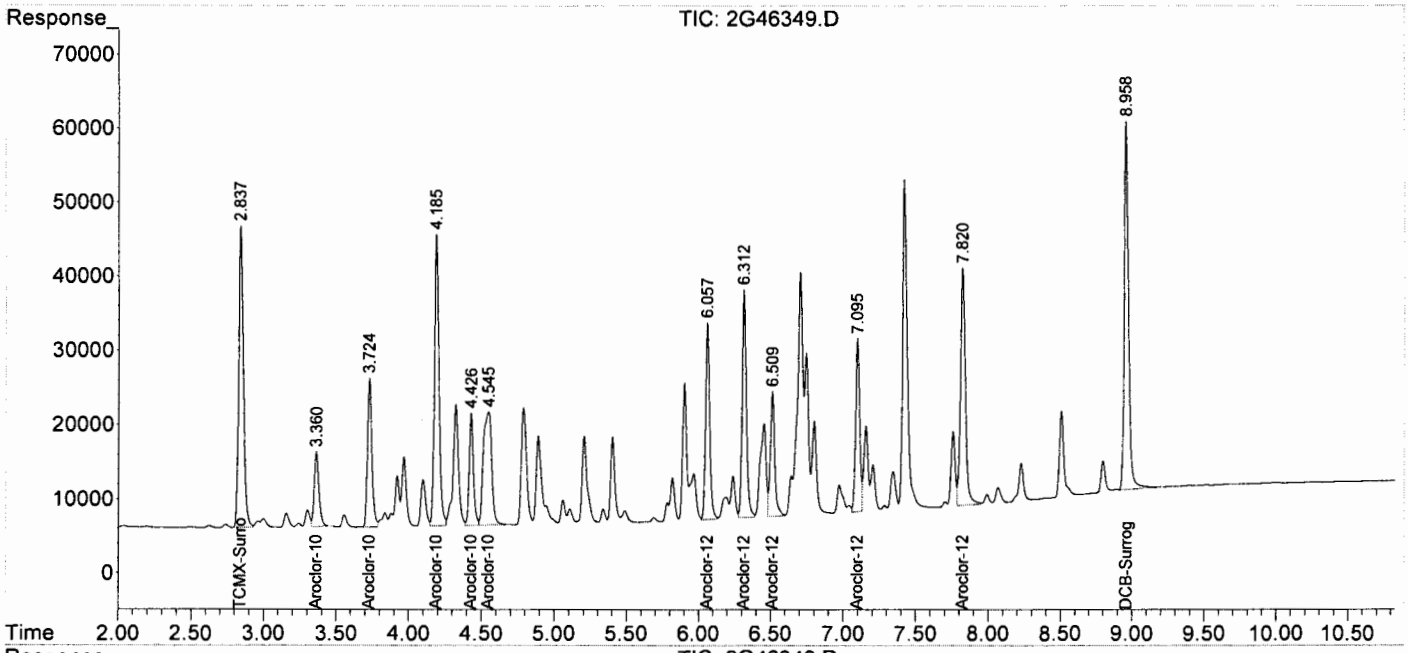
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

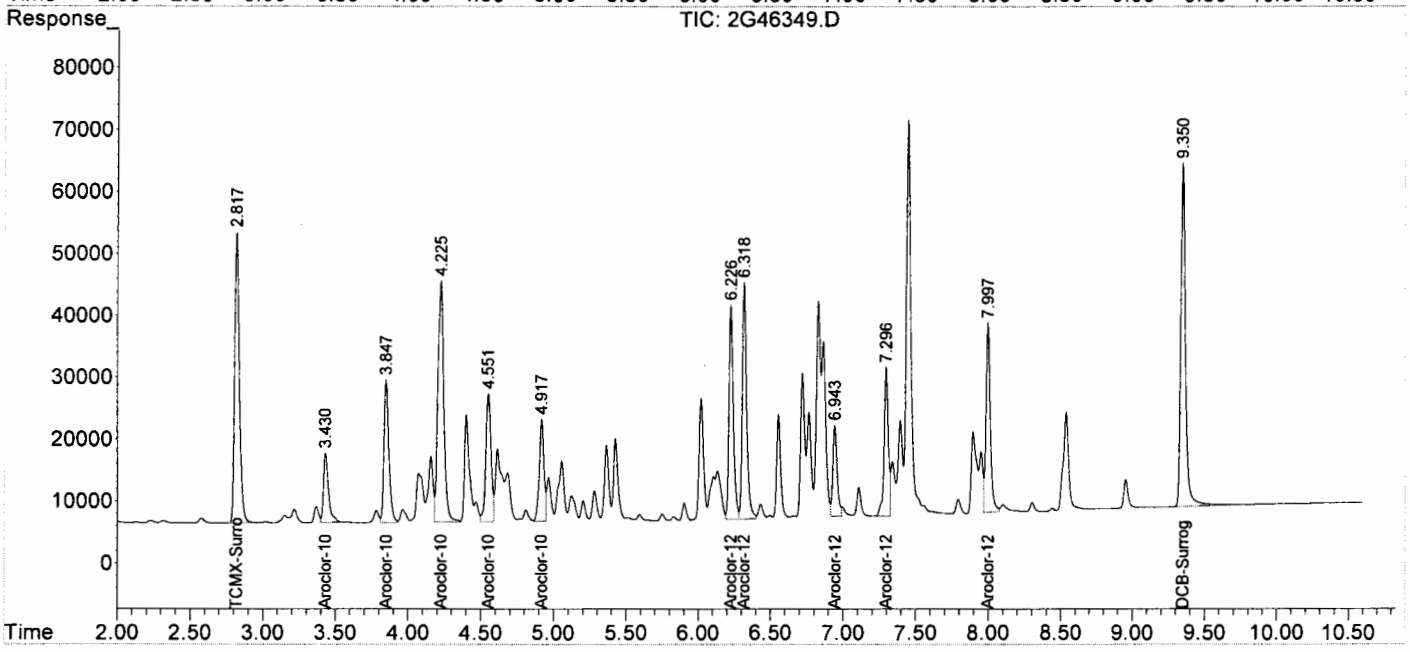
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46349.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:44
Operator : MS
Sample : AC45774-006(MS:AC45774-005)
Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:16:15 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46350.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:58
Operator : MS
Sample : AC45774-007(MSD:AC45774-005)
Misc : S,PCB
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:17:58 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.836	2.816	1032950	1230346	96.341	94.460m
2)Aroclor-1016 {1}	3.359	3.430	259048	301607	1032.664	989.897
3)Aroclor-1016 {2}	3.724	3.846	464947	601077	1047.296	1011.113
4)Aroclor-1016 {3}	4.184	4.224	948668	1202199	1050.566	1046.607
5)Aroclor-1016 {4}	4.425	4.551	341091	564832	1068.731	1006.085
6)Aroclor-1016 {5}	4.543	4.917	664996	395965	1067.166	1093.759
7)Aroclor-1260 {1}	6.057	6.226	574917	788639	1090.389	1088.594
8)Aroclor-1260 {2}	6.312	6.318	669399	856147	1090.637	1081.829
9)Aroclor-1260 {3}	6.508	6.943	383776	335771	1080.351	1055.617m
10)Aroclor-1260 {4}	7.094	7.295	499022	545398	1142.862	1042.294m
11)Aroclor-1260 {5}	7.819	7.997	830794	710406	1120.419	1045.865
45)DCB-Surrogate	8.957	9.349	1133522	1424059	117.364m	103.686m

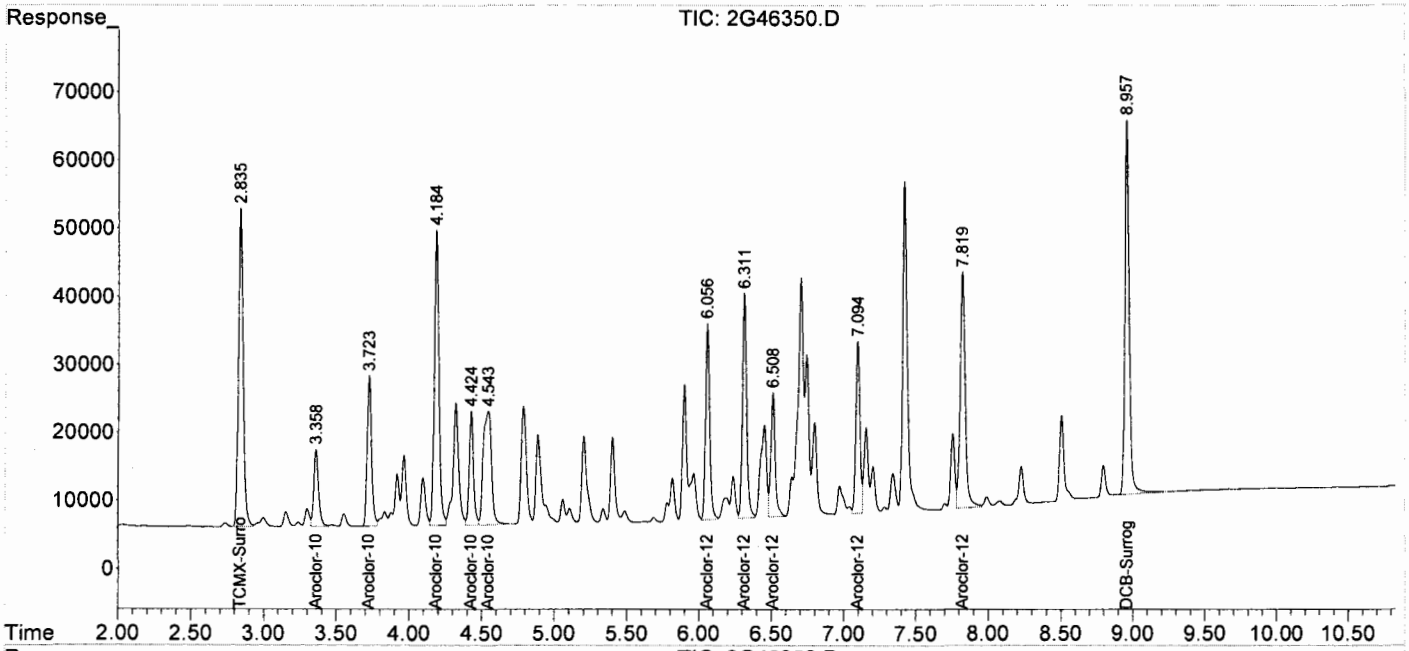
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

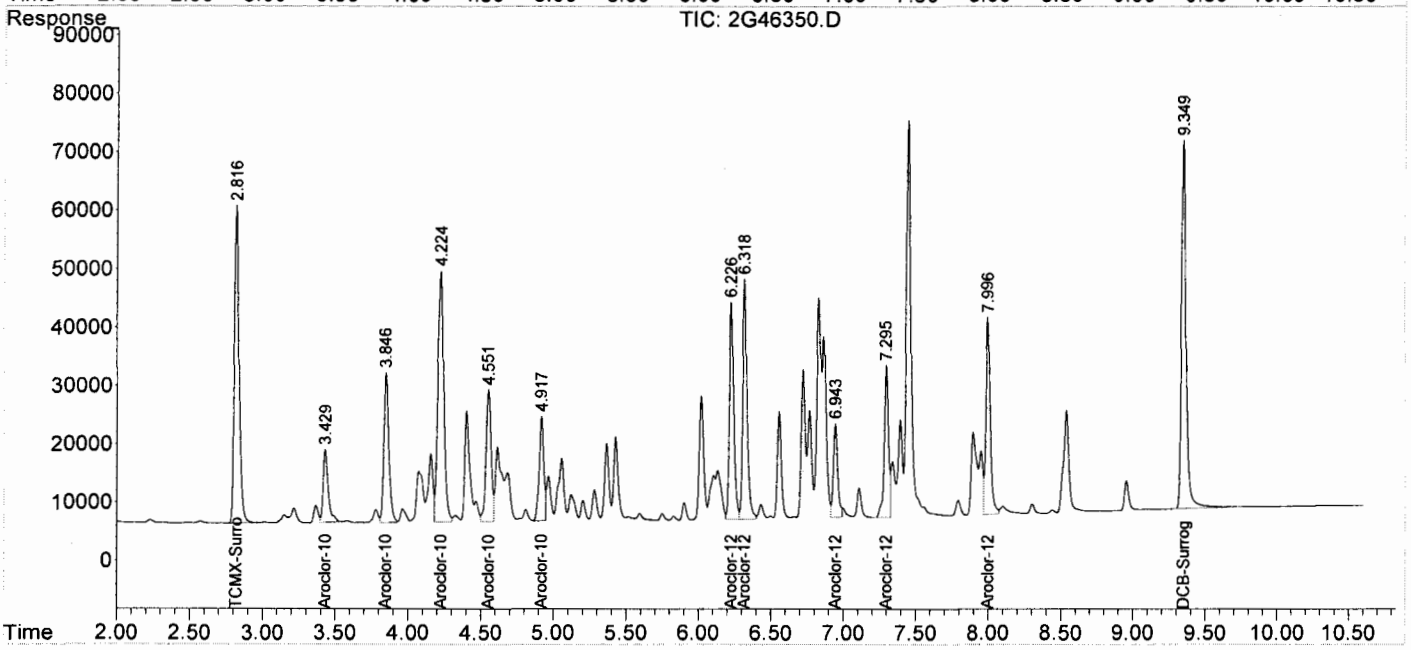
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-17-09\
Data File : 2G46350.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:58
Operator : MS
Sample : AC45774-007(MSD:AC45774-005)
Misc : S,PCB
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 10:17:58 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





FORM 3

Spike Recovery

Batch Number: WMB3604
Mbs Name: WMB3604(MS)
Ns Name: AC45774-008
Ms Name: AC45774-009(MS:
Msd Name: AC45774-010(MSD

Mbs File: 2G46372.D
Non Spk'd File: 2G46376.D
Spike File: 2G46377.D
Spike Dup File: 2G46378.D
Matrix: Aqueous
Method: EPA 8082

Mbs Date: 07/20/09 08:22
Non Spk'd Date: 07/20/09 09:28
Spike Date : 07/20/09 09:42
Spike Dup Date: 07/20/09 09:56

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	2	1	0	1000	38	166	24	1078.34	0.00	1094.61	1070.00	108	109	107	2.3
Aroclor-1260	7	1	0	1000	53	151	19	1095.02	0.00	1158.81	1113.69	110	116	111	4

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46372.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:22
Operator : MS
Sample : WMB3604(MS)
Misc : A,PCB
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 09:13:51 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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

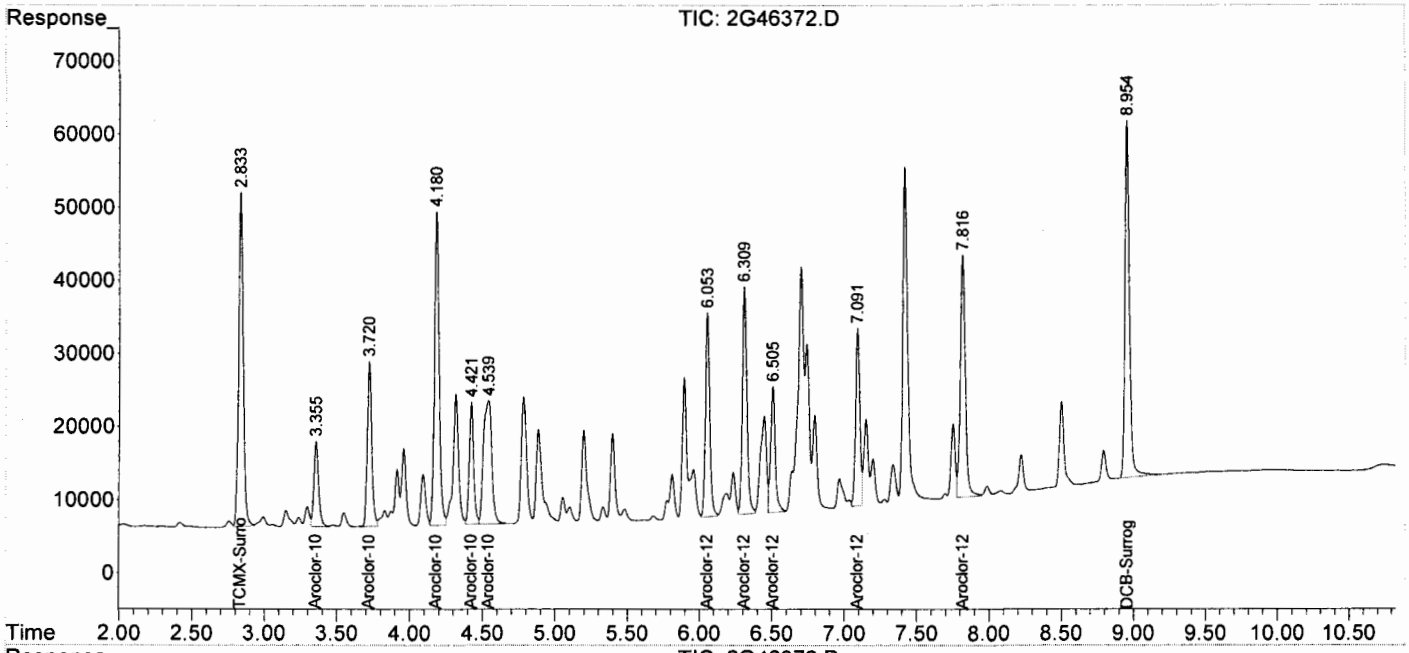
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.833	2.816	999554	1194271	93.227	91.724
2)Aroclor-1016 {1}	3.355	3.428	264948	321888	1057.567	1059.213
3)Aroclor-1016 {2}	3.720	3.844	478750	631828	1080.243	1064.956
4)Aroclor-1016 {3}	4.181	4.222	968395	1272418	1073.259	1107.738
5)Aroclor-1016 {4}	4.421	4.549	345353	587327	1082.653	1047.464
6)Aroclor-1016 {5}	4.539	4.915	683175	410006	1097.995	1132.545
7)Aroclor-1260 {1}	6.053	6.224	575237	799823	1091.026	1104.033
8)Aroclor-1260 {2}	6.309	6.317	674353	859117	1099.042	1085.582
9)Aroclor-1260 {3}	6.505	6.941	381698	337146	1074.501	1059.938m
10)Aroclor-1260 {4}	7.091	7.293	494526	535917	1132.567	1024.173m
11)Aroclor-1260 {5}	7.816	7.995	799324	688874	1077.978	1014.167
45)DCB-Surrogate	8.954	9.348	1061056	1262530	109.861m	91.925m

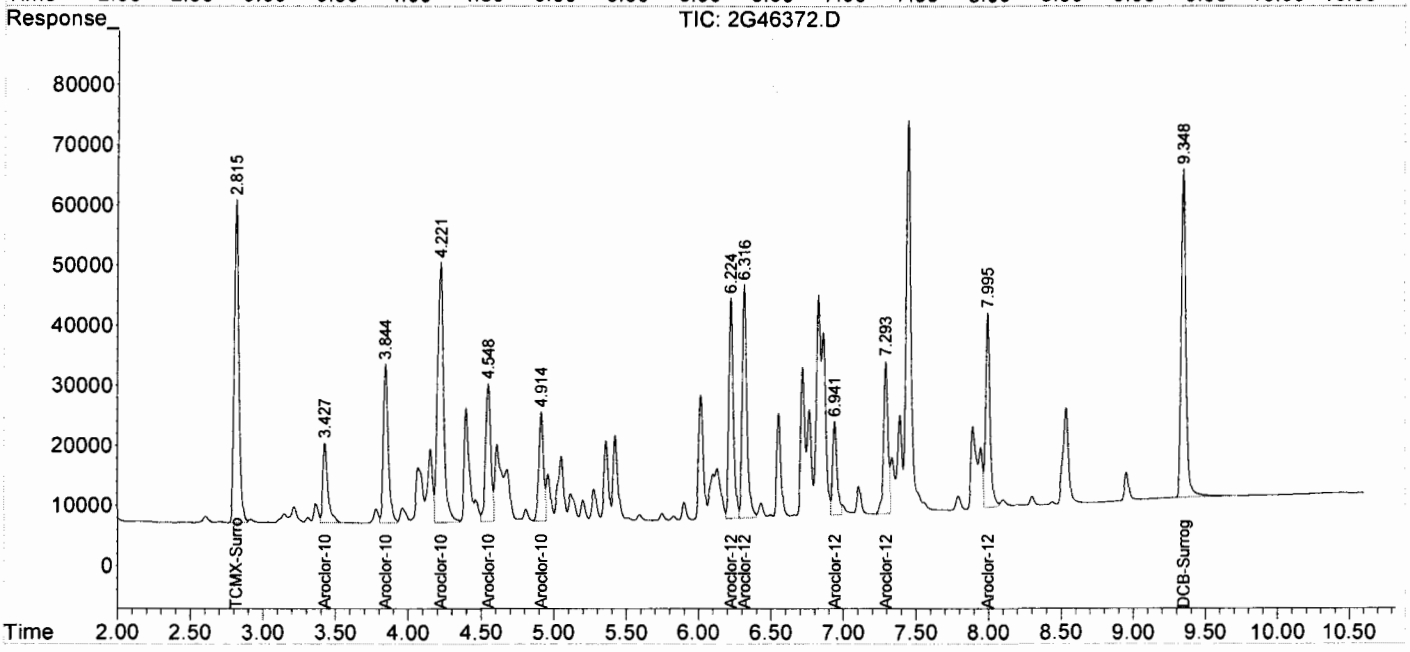
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46372.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:22
Operator : MS
Sample : WMB3604(MS)
Misc : A,PCB
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 09:13:51 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46377.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:42
Operator : MS
Sample : AC45774-009(MS:AC45774-008)
Misc : A,PCB
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:12:41 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.836	2.818	878105	998401	81.899m	76.832m
2)Aroclor-1016 {1}	3.358	3.430	266185	308703	1062.800	1014.105
3)Aroclor-1016 {2}	3.723	3.847	484381	633195	1093.720	1067.355
4)Aroclor-1016 {3}	4.184	4.225	1012090	1263445	1123.653	1099.926
5)Aroclor-1016 {4}	4.424	4.551	349055	594550	1094.759	1060.773
6)Aroclor-1016 {5}	4.542	4.918	683254	401295	1098.127	1108.484
7)Aroclor-1260 {1}	6.056	6.227	606288	797628	1152.848	1101.004
8)Aroclor-1260 {2}	6.312	6.320	702354	857093	1146.653	1083.025
9)Aroclor-1260 {3}	6.508	6.944	399030	320460	1123.291	1007.481m
10)Aroclor-1260 {4}	7.095	7.296	527758	550749	1208.675	1052.520m
11)Aroclor-1260 {5}	7.820	7.999	862067	722902	1162.594	1064.263
45)DCB-Surrogate	8.958	9.352	1077755	1270439	111.590m	92.501m

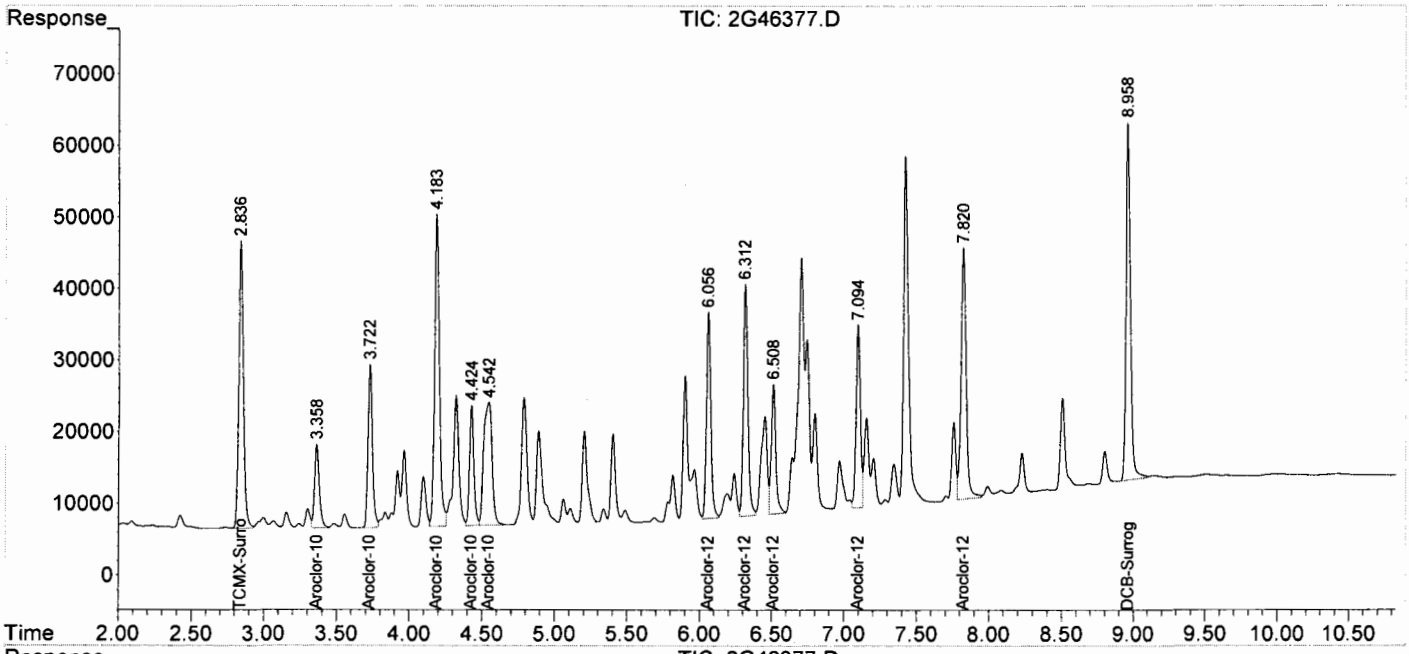
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

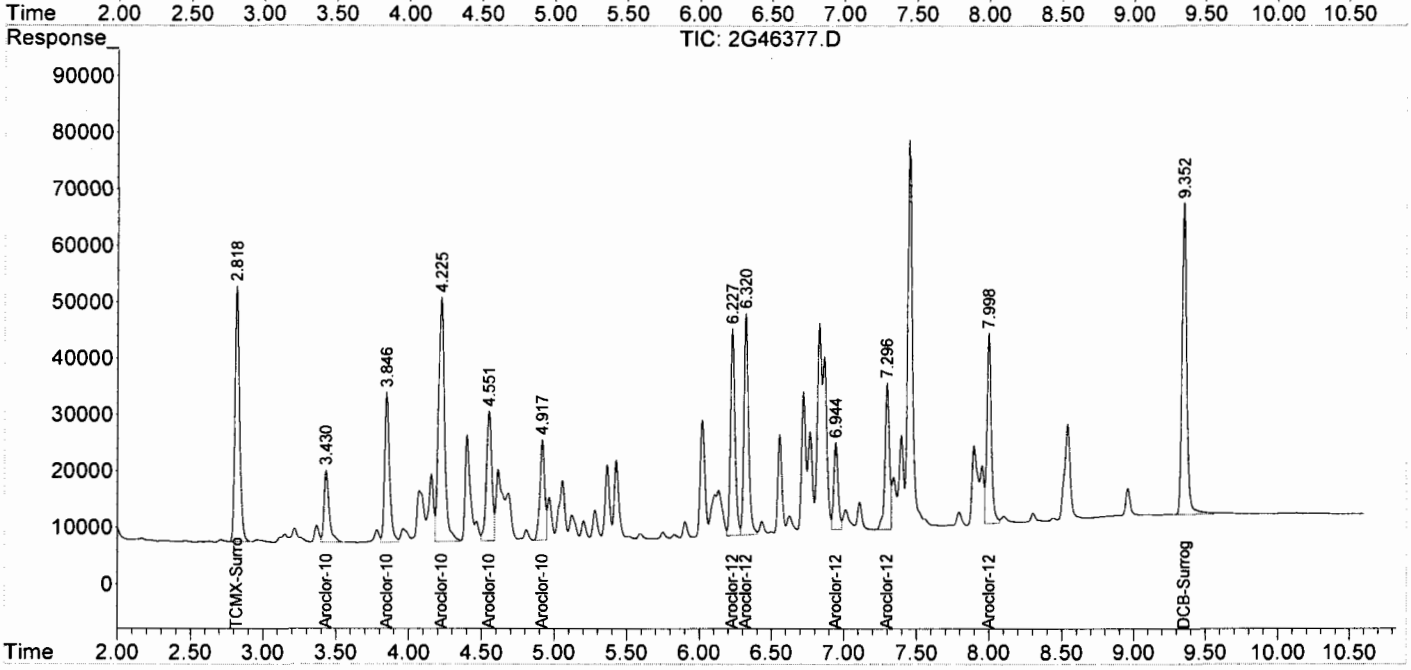
MS

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46377.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:42
Operator : MS
Sample : AC45774-009(MS:AC45774-008)
Misc : A,PCB
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:12:41 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46378.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:56
Operator : MS
Sample : AC45774-010(MSD:AC45774-008)
Misc : A,PCB
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:13:58 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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	2.838	2.821	916478	1046048	85.478m	80.460m
2)Aroclor-1016 {1}	3.360	3.432	265017	301244	1057.862	988.657
3)Aroclor-1016 {2}	3.725	3.849	474165	610566	1069.286	1027.705
4)Aroclor-1016 {3}	4.185	4.226	977559	1216587	1083.812	1059.132
5)Aroclor-1016 {4}	4.425	4.552	340113	565865	1065.539	1007.983
6)Aroclor-1016 {5}	4.543	4.919	668748	387389	1073.520	1070.070
7)Aroclor-1260 {1}	6.056	6.227	587052	770679	1114.511	1063.804
8)Aroclor-1260 {2}	6.312	6.320	683669	827412	1114.863	1045.519
9)Aroclor-1260 {3}	6.508	6.944	387584	311996	1091.070	980.870m
10)Aroclor-1260 {4}	7.094	7.296	503878	529595	1153.985	1012.093m
11)Aroclor-1260 {5}	7.819	7.999	811206	685807	1094.003	1009.650
45)DCB-Surrogate	8.958	9.352	1031589	1224338	106.810	89.144

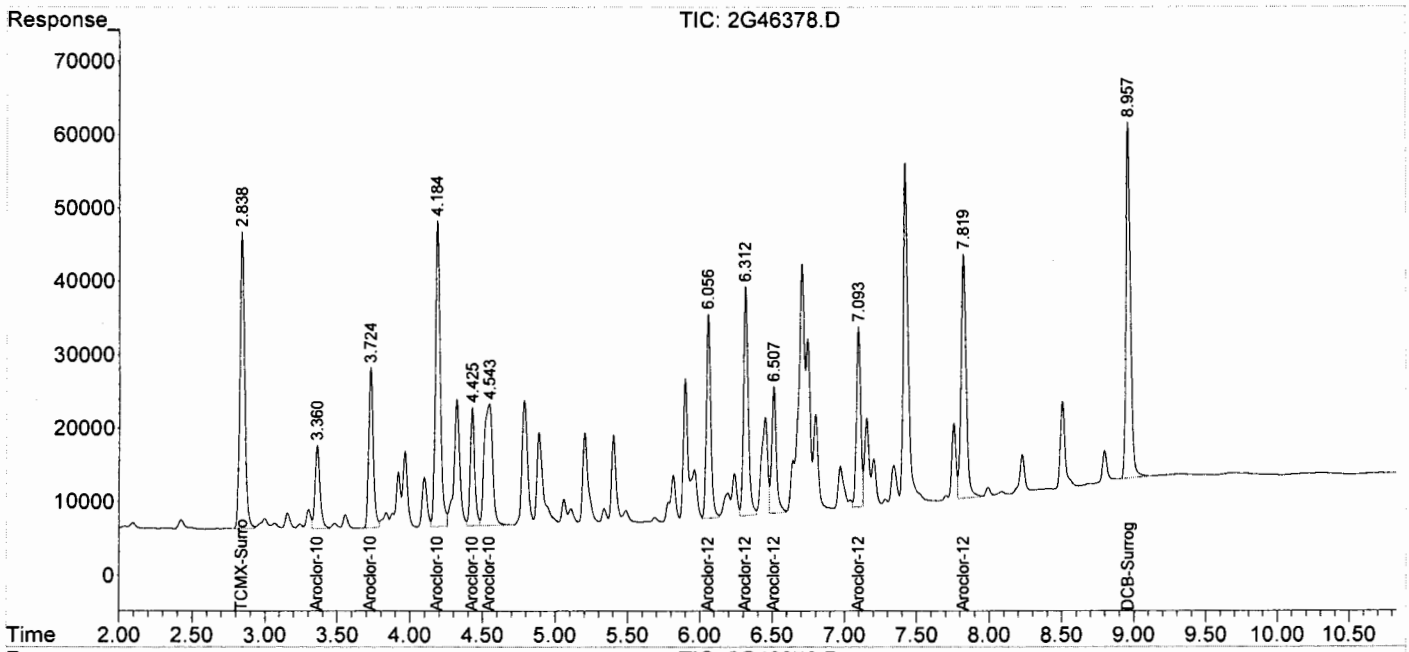
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

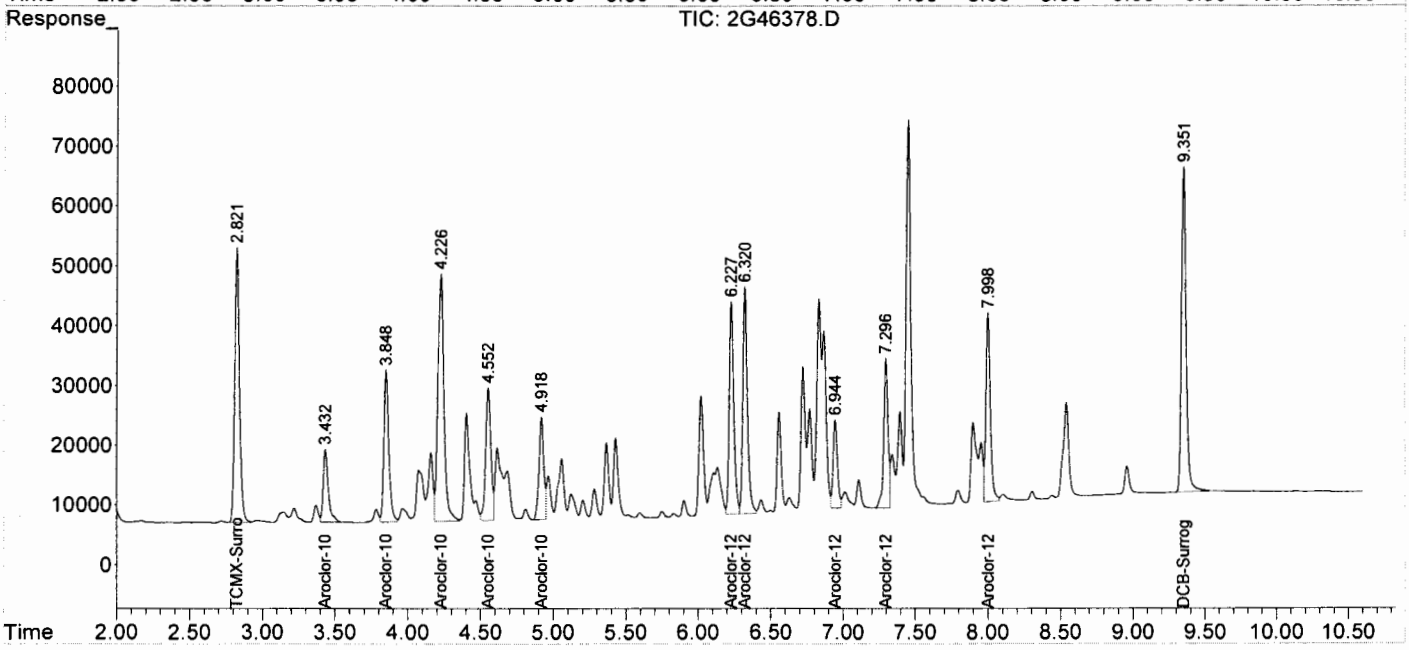
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_2\Data\07-20-09\
Data File : 2G46378.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:56
Operator : MS
Sample : AC45774-010(MSD:AC45774-008)
Misc : A,PCB
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Jul 20 12:13:58 2009
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C0623.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Wed Jun 24 08:32:30 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC PCB Data
Logbook Data

Hampton-Clarke/Veritech

ASE EXTRACTION – Method 3545

Method Blank No. SMB- 2320B
Blank Spike (SMBS): PEST > 2320B
Blank Spike (SMBS): PCB

Date: 07/17/09
Matrix Spike: PEST 45774-006; 007
Matrix Spike: PCB 45774-006; 007

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments RMC 45142	
	Pest	PCB	Herb	Other				Cell
MB 2320B	x	x			20g	10mL	jh / 1 / ASE#3	17
MB 2320B	x	x			↓	↓	/ 2,3 /	7,8
MS 45774-006	x	x					/ 4,5 /	20,22
MSD 45774-007	x	x					/ 6,7 /	21,24
45774-005	1	1					/ 8 /	25
45774-001	2	2					/ 9 /	26
45774-002	3	3					/ 10 /	27
45774-003	4	4					/ 11 /	28
45774-004	5	5					/ 12 /	29
45774-015	6	6					/ 13 /	30
45822-002	7	7					/ 1 / ASE#2	31
45822-003	8	8					/ 2 /	32
45822-004	9	9					/ 3 /	33
45822-008	10	10					/ 4 /	34
45775-001	11	11					/ 5 /	35
45775-005	12	12					/ 6 /	36
45775-006	13	13					/ 7 /	37
45790-001	14						/ 8 /	38
45790-002	15						/ 9 /	39
45818-001	16	14					/ 10 /	40
45786-002	17	15					/ 11 /	41
45783-001	18	16					/ 12 /	42
							/ /	
							/ /	
							/ /	
							/ /	
							/ /	
							/ /	
							/ /	
							/	

Cleanup: Acid x TBA ___ Copper x Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	10	66877	(Pest) / PCB / Herb / Other
↓	100	66876	↓

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	10	65039	(Pest) / (PCB) / Herb / Other

Reagent Lots: MeCL2 _____ Acetone V3994 Hexane V3999 Na2SO4 _____ Ether ___
MTBE _____ Other _____

Relinquished By: jh Date: 07/17/09
Received By: [signature] Date: 7/20/09

Hampton-Clarke/Veritech

Method Blank No. WMB- 3604
Blank Spike (WMBS): Pest: 3604
Blank Spike (WMBS): PCB: 3604

Date: 07/17/09
Matrix Spike: Pest: 45774-009, 010
Matrix Spike: PCB: 45774-009, 010

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 3604	X	X			1000ml	5.0 10ml	KR Rack #46		
MBS 3604	X	X			↓				
MS 45774-009	X	X			930ml (Pest), 930 (PCB)				
MSD 45774-010	X	X			930ml (Pest), 920 (PCB)				
45774-008	1	1			910ml				
45774-016	2	2			950ml				
45774-011	3	3			940ml				
45774-013	4	4			950ml				
45774-014	5	5			930ml				
45774-017	6	6			930ml				
45774-012	7	7			920ml				
45815-001		8			950ml				
45775-003	8	9			900ml				
45775-004	9	10			950ml				
45822-005	10	11			990ml				
45822-006	11	12			1000ml				
45822-007	12	13			960ml	↓	↓ ↓		

KR 07/16

Cleanup: Acid ___ TBA ___ Copper ____ Florisil ____ Other _____

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	100	V-66876	Pest / PCB / Herb/ Other
↓	10	V-66877	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-65039	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-4189 Acetone _____ Hexane V-4132 Na2SO4 V-4146 Ether ____

MTBE _____ Other _____

Relinquished By: KR Date: 07/17/09 Received
By: _____ Date: 7/20/09

T:\QC\FORMS\LOGBOOK FORMS\extractions\PestPCB Herb Aq Ext Log.doc

RUN LOG

1-1-2G45810

Instrument: GC_2 Year: 20828
Analyst: MS

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)		Analysis Date
2G45810.	CAL 1660@500PPB		OK,B-5257	JP		Soil	1	1	608	8082	06/23 13:39
2G45811.	CAL 1660@200PPB		OK,B-5257	JP		Soil	1	1	608	8082	06/23 13:53
2G45812.	CAL 1660@50PPB		OK,B-5257	JP		Soil	1	1	608	8082	06/23 14:07
2G45813.	CAL 1660@1000PPB		OK,B-5257	JP		Soil	1	1	608	8082	06/23 14:21
2G45814.	CAL 1660@2000PPB		OK,B-5257	JP		Soil	1	1	608	8082	06/23 15:17
2G45815.	CAL 1660@4000PPB		OK,B-5257	JP		Soil	1	1	608	8082	06/23 15:31
2G45816.	CAL 3268@500PPB		OK,V-61369	JP		Soil	1	1	608	8082	06/23 15:49
2G45817.	CAL 1242@500PPB		OK,V-61371	JP		Soil	1	1	608	8082	06/23 16:03
2G45818.	CAL 1248@500PPB		OK,V-61373	JP		Soil	1	1	608	8082	06/23 16:17
2G45819.	CAL 2154@500PPB		OK,V-61375	JP		Soil	1	1	608	8082	06/23 16:31
2G45820.	CAL 1262@500PPB		OK,V-61377	JP		Soil	1	1	608	8082	06/23 16:45
2G45821.	ICV		OK,V-66950	JP		Soil	1	1		8082	06/23 16:59
2G45822.	WMB3583		OK	JP		Aqueous	1	1	608	8082	06/23 17:13
2G45823.	WMB3583(MS)		OK	JP		Aqueous	1	1	608	8082	06/23 17:27
2G45824.	AC45338-010		OK	JP	PCB-608	Aqueous	1	1	608		06/23 17:41
2G45825.	CAL 1660@1000PPB		OK,V-61365	JP		Aqueous	0.5	1	608	8082	06/23 17:55
2G45826.	2000PPB	Cme	NOT USED	JP		Aqueous	0.25	1	608	8082	06/23 18:09

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Eto	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or aodrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16.R26	Rpd Out pp MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18.R28	Rpd Out pp MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16.I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18.I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6.Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endmp Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8.Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o.D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16.M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a.M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18.M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eha	An Extraction Before Collection Date	M18a.M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-2G46344

Instrument: GC_2 Year: 0829
Analyst: MS

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2G46344.	CAL 1660@500PPB		OK,V-61366,V-61365,V-61364	MS		Soil	1	1	608 8082	07/17 12:03
2G46345.	SMB2320B		OK	MS		Soil	1	1	8082	07/17 14:22
2G46346.	SMB2320B(MS)		OK SMB2320B	MS		Soil	1	1	8082	07/17 14:36
2G46347.	CAL 1660@1000PPB		OK	MS		Soil	0.5	1	608 8082	07/17 15:08
2G46348.	AC45774-005		OK SMB2320B	MS	PCB-8082	Soil	1	1	8082	07/17 15:30
2G46349.	AC45774-006(MS:AC4		OK SMB2320B	MS	PCB-8082	Soil	1	1	8082	07/17 15:44
2G46350.	AC45774-007(MSD:AC		OK SMB2320B	MS	PCB-8082	Soil	1	1	8082	07/17 15:58
2G46351.	AC45822-004		OK	MS	PCB-8082	Soil	1	1	8082	07/17 16:35
2G46352.	AC45775-001		OK	MS	PCB-8082	Soil	1	1	8082	07/17 16:49
2G46353.	AC45775-006		OK	MS	PCB-8082	Soil	1	1	8082	07/17 17:03
2G46354.	AC45774-001		OK	MS	PCB-8082	Soil	1	1	8082	07/17 17:17
2G46355.	AC45774-002		OK	MS	PCB-8082	Soil	1	1	8082	07/17 17:31
2G46356.	AC45774-003		OK	MS	PCB-8082	Soil	1	1	8082	07/17 17:45
2G46357.	AC45774-004		OK	MS	PCB-8082	Soil	1	1	8082	07/17 17:59
2G46358.	AC45774-015		OK	MS	PCB-8082	Soil	1	1	8082	07/17 18:13
2G46359.	AC45783-001		OK	MS	PCB-8082	Soil	1	1	8082	07/17 18:26
2G46360.	CAL 1660@1000PPB		OK	MS		Soil	0.5	1	608 8082	07/17 18:40
2G46361.	2000PPB		NOT USED	MS		Soil	0.25	1	8082	07/17 18:54
2G46362.	AC45775-005		OK	MS	PCB-8082	Soil	1	1	8082	07/17 19:08
2G46363.	AC45822-008		OK	MS	PCB-8082	Soil	1	1	8082	07/17 19:22
2G46364.	AC45822-003		OK	MS	PCB-8082	Soil	1	1	8082	07/17 19:36
2G46365.	AC45822-002		OK	MS	PCB-8082	Soil	1	1	8082	07/17 19:50
2G46366.	AC45818-001		OK	MS	PCB-8082	Soil	1	1	8082	07/17 20:04
2G46367.	AC45786-002		OK	MS	PCB-8082	Soil	1	1	8082	07/17 20:18
2G46368.	1000PPB		NOT USED	MS		Soil	0.5	1	8082	07/17 20:32
2G46369.	CAL 1660@2000PPB		OK	MS		Soil	0.25	1	608 8082	07/17 20:45

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	*Area Out*	*Esm*	*Solvent Extraction Date Missing/Not check'd*	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	*Eval Time Exceeded*	R18 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endtn Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method.	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	*Spike Out Col 1 8000 series Acid and or BN*	Ti8	*Outside of 8000 series Tune time/Cal Time*
Emn	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-2G46370

Instrument: GC_2 Year: 0830
Analyst: MS

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2G46370.	CAL 1660@500PPB		OK,OK,V-61366,V-61365	MS		Soil	1	1	608 8082	07/20 07:54
2G46371.	WMB3604		OK	MS		Aqueous	1	1	608 8082	07/20 08:08
2G46372.	WMB3604(MS)		OK WMB3604	MS		Aqueous	1	1	608 8082	07/20 08:22
2G46373.	SMB2321B		OK	MS		Soil	1	1	8082	07/20 08:36
2G46374.	SMB2321B(MS)		OK SMB2321B	MS		Soil	1	1	8082	07/20 08:50
2G46375.	AC45815-001		OK	MS	PCB-608	Aqueous	1	1	608	07/20 09:04
2G46376.	AC45774-008		OK WMB3604	MS	PCB-8082	Aqueous	1	1	8082	07/20 09:28
2G46377.	AC45774-009(MS:AC4		OK WMB3604	MS	PCB-8082	Aqueous	1	1	608 8082	07/20 09:42
2G46378.	AC45774-010(MSD:AC		OK WMB3604	MS	PCB-8082	Aqueous	1	1	608 8082	07/20 09:56
2G46379.	AC45775-003		OK	MS	PCB-608	Aqueous	1	1	608	07/20 10:10
2G46380.	AC45775-004		OK	MS	PCB-608	Aqueous	1	1	608	07/20 10:24
2G46381.	CAL 1660@1000PPB		OK	MS		Aqueous	0.5	1	608 8082	07/20 10:38
2G46382.	AC45822-005		OK	MS	PCB-8082	Aqueous	1	1	8082	07/20 11:29
2G46383.	AC45822-006		OK	MS	PCB-608	Aqueous	1	1	608	07/20 11:42
2G46384.	AC45822-007		OK	MS	PCB-608	Aqueous	1	1	608	07/20 11:56
2G46385.	AC45774-011		OK	MS	PCB-8082	Aqueous	1	1	8082	07/20 12:10
2G46386.	AC45774-012		OK	MS	PCB-8082	Aqueous	1	1	8082	07/20 12:24
2G46387.	AC45774-013		OK	MS	PCB-8082	Aqueous	1	1	8082	07/20 12:38
2G46388.	AC45774-014		OK	MS	PCB-8082	Aqueous	1	1	8082	07/20 12:52
2G46389.	AC45774-016		OK	MS	PCB-8082	Aqueous	1	1	8082	07/20 13:06
2G46390.	AC45774-017		OK	MS	PCB-8082	Aqueous	1	1	8082	07/20 13:20
2G46391.	AC45845-002		OK SMB2321B	MS	PCB-8082	Soil	1	1	8082	07/20 13:35
2G46392.	AC45845-002(MS)		OK SMB2321B	MS	PCB-8082	Soil	1	1	8082	07/20 13:49
2G46393.	AC45845-002(MSD)		OK SMB2321B	MS	PCB-8082	Soil	1	1	8082	07/20 14:03
2G46394.	AC45845-004		OK	MS	PCB-8082	Soil	1	1	8082	07/20 14:17
2G46395.	AC45845-005		OK	MS	PCB-8082	Soil	1	1	8082	07/20 14:31
2G46396.	AC45845-006		OK	MS	PCB-8082	Soil	1	1	8082	07/20 14:45
2G46397.	AC45807-001		OK	MS	PCB-8082	Soil	1	1	8082	07/20 14:59
2G46398.	AC45807-002		OK	MS	PCB-8082	Soil	1	1	8082	07/20 15:13
2G46399.	1000PPB		NOT USED	MS		Soil	0.5	1	8082	07/20 15:58
2G46400.	CAL 1660@1000PPB		OK	MS		Soil	0.5	1	608 8082	07/20 16:12

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endinp Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Ebe	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncla	Mnc	Spike Not Checked for this mk/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50725

Prepared By: Desai, Kinjal | Department: Organics | ApprovedBy: jean
Description: PEST/PCB SURR | BatchNumber: | ApproveDate: 07/31/09
Prep Date: 8/26/2008 | Concentration: 200 ppm | Checked: Yes
Expiration Date: 8/27/2009 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2833	Acetone	100 ml	neat neat	
2886	2,4,5,6-Tetrachloro-m-xylene	20 mg	neat neat	200 ppm
2885	Decachlorobiphenyl	20 mg	neat neat	200 ppm

Veritech Lot Number: V-61361

Prepared By: Patel, Jignesh | Department: Organics | ApprovedBy: jean
Description: 1660-INTERMEDIATE | BatchNumber: | ApproveDate: 07/31/09
Prep Date: 2/23/2009 | Concentration: 100 ppm | Checked: Yes
Expiration Date: 8/22/2009 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	3750 ul	neat neat	
3681	Aroclor 1016	500 ul	1000 ug/ml	100 ppm
3682	Aroclor 1260	500 ul	1000 ug/ml	100 ppm
V-50725	PEST/PCB SURR	250 ul	200 ppm	10 ppm

Veritech Lot Number: V-61362

Prepared By: Patel, Jignesh | Department: Organics | ApprovedBy: jean
Description: CAL 1660@50PPB | BatchNumber: B-5257 | ApproveDate: 07/31/09
Prep Date: 2/23/2009 | Concentration: 50 ppb | Checked: Yes
Expiration Date: 8/22/2009 | Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61361	1660-INTERMEDIATE	25 ul	100 ppm	50 ppb
3863	hexanes	49975 ul	neat neat	

Veritech Lot Number: V-61363

Prepared By: Patel, Jignesh | Department: Organics | ApprovedBy: jean
Description: CAL 1660@4000PPB | BatchNumber: B-5257 | ApproveDate: 07/31/09
Prep Date: 2/23/2009 | Concentration: 4000 ppb | Checked: Yes
Expiration Date: 8/22/2009 | Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61361	1660-INTERMEDIATE	2000 ul	100 ppm	4000 ppb
3863	hexanes	48000 ul	neat neat	

Veritech Lot Number: V-61364

Prepared By: Patel, Jignesh | Department: Organics | ApprovedBy: jean
Description: CAL 1660@2000PPB | BatchNumber: B-5257 | ApproveDate: 07/31/09
Prep Date: 2/23/2009 | Concentration: 2000 ppb | Checked: Yes
Expiration Date: 8/22/2009 | Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	49000 ul	neat neat	
V-61361	1660-INTERMEDIATE	1000 ul	100 ppm	2000 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61365

Prepared By: Patel, Jignesh
Description: CAL 1660@1000PPB
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber: B-5257
Concentration: 1000 ppb
Final Volume: 50 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	49500 ul	neat neat	
V-61361	1660-INTERMEDIATE	500 ul	100 ppm	1000 ppb

Veritech Lot Number: V-61366

Prepared By: Patel, Jignesh
Description: CAL 1660@500PPB
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber: B-5257
Concentration: 500 ppb
Final Volume: 50 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	49750 ul	neat neat	
V-61361	1660-INTERMEDIATE	250 ul	100 ppm	500 ppb

Veritech Lot Number: V-61367

Prepared By: Patel, Jignesh
Description: CAL 1660@200PPB
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber: B-5257
Concentration: 200 ppb
Final Volume: 50 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	49900 ul	neat neat	
V-61361	1660-INTERMEDIATE	100 ul	100 ppm	200 ppb

Veritech Lot Number: V-61368

Prepared By: Patel, Jignesh
Description: 3268 inter
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3008	Aroclor 1232	100 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
3863	hexanes	750 ul	neat neat	
3692	Aroclor 1268	100 ul	1000 ppm	100 ppm

Veritech Lot Number: V-61369

Prepared By: Patel, Jignesh
Description: 3268 ws
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	9950 ul	neat neat	
V-61368	3268 inter	50 ul	100 ppm	500 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61370

Prepared By: Patel, Jignesh
Description: 1242 inter
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3821	Aroclor 1242	100 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
3863	hexanes	850 ul	neat neat	

Veritech Lot Number: V-61371

Prepared By: Patel, Jignesh
Description: 1242 ws
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61370	1242 inter	50 ul	100 ppm	500 ppb
3863	hexanes	9950 ul	neat neat	

Veritech Lot Number: V-61372

Prepared By: Patel, Jignesh
Description: 1248 inter
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3822	Aroclor 1248	100 ul	1000 ppm	100 ppm
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
3863	hexanes	850 ul	neat neat	

Veritech Lot Number: V-61373

Prepared By: Patel, Jignesh
Description: 1248 ws
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	9950 ul	neat neat	
V-61372	1248 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-61374

Prepared By: Patel, Jignesh
Description: 2154 inter
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
3863	hexanes	750 ul	neat neat	
3011	Aroclor 1254	100 ul	1000 ppm	100 ppm
3007	Aroclor 1221	100 ul	1000 ppm	100 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61375

Prepared By: Patel, Jignesh
Description: 2154 ws
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	9950 ul	neat neat	
V-61374	2154 inter	50 ul	100 ppm	500 ppb

Veritech Lot Number: V-61376

Prepared By: Patel, Jignesh
Description: 1262 inter
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3636	Aroclor 1262	100 ul	1000 ppm	100 ppm
3863	hexanes	850 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-61377

Prepared By: Patel, Jignesh
Description: 1262 ws
Prep Date: 2/23/2009
Expiration Date: 8/22/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61376	1262 inter	50 ul	100 ppm	500 ppb
3863	hexanes	9950 ul	neat neat	

Veritech Lot Number: V-65039

Prepared By: Shah, Meghaben A.
Description: PEST/PCB SURROGATE
Prep Date: 4/29/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 500 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3928	Acetone	475 ml	neat neat	
V-50725	PEST/PCB SURR	25 ml	200 ppm	10 ppm

Veritech Lot Number: V-66876

Prepared By: Shah, Meghaben A.
Description: PCB SPIKE
Prep Date: 6/2/2009
Expiration Date: 11/29/2009
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 100 ml
ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3959	Acetone	80 ml	neat neat	
3827	Aroclor 1260	5 ml	1000 ppm	50 ppm
3610	Ar.1260	1 ml	1001 ug/ml	10 ppm
3171	AROCLOR 1260	3 ml	1000 ppm	30 ppm
2269	AROCLOR 1260	1 ml	1000 ppm	10 ppm
3826	Aroclor 1016	4 ml	1000 ppm	40 ppm
3611	Ar.1016	2 ml	1000 ug/ml	20 ppm
3347	Aroclor 1016	4 ml	1000 ppm	40 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-66950

Prepared By:	Patel, Jignesh	Department: Organics	ApprovedBy:
Description:	PCB1660@1000PPB ICV	BatchNumber:	ApproveDate:
Prep Date:	6/3/2009	Concentration: 1000 ppb	Checked: No
Expiration Date:	8/27/2009	Final Volume: 10 ml	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-66876	PCB SPIKE	100 ul	100 ppm	1000 ppb
3961	Hexanes	9895 ul	neat neat	
V-50725	PEST/PCB SURR	5 ul	200 ppm	100 ppb

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2269

Description
AROCLOR 1260

ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-260S-H-10X-PAK	B7020234	03/12/07	02/23/17	Revolus, Jean	5	1ML	1000	PPM

Veritech Control/Receipt Number: 2833

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A40-4	072330	10/29/07	10/28/09	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 2885

Description
Decachlorobiphenyl

ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2537	LB51032	11/19/07	08/31/10	Hamid, Akmal	2	100m	neat	neat

Veritech Control/Receipt Number: 2886

Description
2,4,5,6-Tetrachloro-m-xylene

ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2298	LB51139	11/19/07	08/31/10	Hamid, Akmal	1	1000	neat	neat

Veritech Control/Receipt Number: 3007

Description
Aroclor 1221

ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-8098	LB51523	01/25/08	08/31/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3008

Description
Aroclor 1232

ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44805	LB39298	01/25/08	05/31/11	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3011

Description
Aroclor 1254

ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44808	LB47434	01/25/08	04/30/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3171

Description
AROCLOR 1260

ApprovedBy: jean
ApproveDate: 07/31/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUTANDARD	C-260S-H-10X	B7020234	03/19/08	02/23/17	Revolus, Jean	10	1ML	1000	PPM

Veritech Control/Receipt Number: 3347

Description
Aroclor 1016

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X	B7040041	05/13/08	04/05/17	Revolus, Jean	10	1ul	1000	PPM

Veritech Control/Receipt Number: 3610

Description
Ar.1260

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accu.Std	C260s-10x-pak	B-8080352	09/18/08	08/31/18	Hamid, Akmal	10	1ml	1001	ug/ml

Veritech Control/Receipt Number: 3611

Description
Ar.1016

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Accu.Std	C-216-h-10x-pak	B8070163	09/18/08	07/31/18	Hamid, Akmal	10	1ml	1000	ug/ml

Veritech Control/Receipt Number: 3636

Description
Aroclor 1262

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44810	LB54743	09/26/08	01/31/11	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3681

Description
Aroclor 1016

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	4-8097	LB51522	10/20/08	09/30/10	Hamid, Akmal	1	1ml	1000	ug/ml

Veritech Control/Receipt Number: 3682

Description
Aroclor 1260

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	4-4809	LB61177	10/20/08	09/30/11	Hamid, Akmal	1	1ml	1000	ug/ml

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3692

Description
Aroclor 1268

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	32410	A055668	10/22/08	11/30/14	Revolus, Jean	1	1ml	1000	PPM

Veritech Control/Receipt Number: 3821

Description
Aroclor 1242

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44806	LB52830	01/08/09	10/31/10	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3822

Description
Aroclor 1248

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	44807	LB58496	01/08/09	05/31/11	Revolus, Jean	1	1ml	1000	PPM

Veritech Control/Receipt Number: 3826

Description
Aroclor 1016

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-216S-H-10X-PAK	B8070163	01/08/09	07/15/18	Revolus, Jean	5	1ML	1000	PPM

Veritech Control/Receipt Number: 3827

Description
Aroclor 1260

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	C-260S-H-10X-PAK	B8080352	01/08/09	08/31/18	Revolus, Jean	5	1ML	1000	PPM

Veritech Control/Receipt Number: 3863

Description
hexanes

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G43E41	01/20/09	01/19/10	Okomeng, Maxwel	8	4LT	neat	neat

Veritech Control/Receipt Number: 3928

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.baker	9254-03	G41E04	02/24/09	02/23/11	Lopez, Jose	20	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3959

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G49E58	03/10/09	03/10/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3961

Description
Hexanes

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9262-03	G39E14	03/10/09	03/10/10	Lopez, Jose	16	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3959

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G49E58	03/10/09	03/10/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 4132

Description
Hexanes

ApprovedBy: greg
ApproveDate: 07/29/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9262-03	G47E51	05/05/09	05/04/10	Lopez, Jose	16	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3928

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.baker	9254-03	G41E04	02/24/09	02/23/11	Lopez, Jose	20	4L	neat	neat

Veritech Control/Receipt Number: 3959

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G49E58	03/10/09	03/10/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 4132

Description
Hexanes

ApprovedBy: greg
ApproveDate: 07/29/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9262-03	G47E51	05/05/09	05/04/10	Lopez, Jose	16	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3959

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G49E58	03/10/09	03/10/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3994

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G45E25	03/24/09	03/23/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3999

Description
Hexanes

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Bkaer	9262-03	G41E40	03/24/09	03/24/10	Lopez, Jose	4	4L	neat	neat

Veritech Control/Receipt Number: 4132

Description
Hexanes

ApprovedBy: greg
ApproveDate: 07/29/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9262-03	G47E51	05/05/09	05/04/10	Lopez, Jose	16	4L	neat	neat

Veritech Control/Receipt Number: 4146

Description
SODIUM SULFATE

ApprovedBy: greg
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SEIDLER	SC33751C	401203	05/19/09	05/18/11	Okomeng, Maxwel	4	100C	NEAT	NEAT

GC Pesticide Data

GC Pesticide Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8081A

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
5G22954.D	WMB3604	Aqueous	07/20/09 09:31	1		88	93	94	94		
5G22976.D	SMB2320B	Soil	07/21/09 04:14	1		93	99	93	92		
6G15724.D	AC45774-001	Soil	07/20/09 08:26	1		67	99	96	102		
6G15730.D	AC45774-002	Soil	07/20/09 09:59	1		93	100	92	113		
6G15731.D	AC45774-003	Soil	07/20/09 10:14	1		82	85	107	93		
6G15732.D	AC45774-004	Soil	07/20/09 10:29	1		98	107	105	99		
6G15725.D	AC45774-005	Soil	07/20/09 08:44	1		68	92	95	101		
6G15727.D	AC45774-006(	Soil	07/20/09 09:14	1		66	86	101	107		
6G15728.D	AC45774-007(	Soil	07/20/09 09:29	1		72	100	102	107		
5G22956.D	AC45774-008	Aqueous	07/20/09 10:08	1		82	87	71	71		
5G22957.D	AC45774-009(	Aqueous	07/20/09 10:26	1		86	91	93	92		
5G22958.D	AC45774-010(	Aqueous	07/20/09 10:44	1		78	83	89	88		
5G22965.D	AC45774-011	Aqueous	07/20/09 12:55	1		83	88	55	54		
5G22966.D	AC45774-012	Aqueous	07/20/09 13:13	1		82	86	74	71		
5G22967.D	AC45774-013	Aqueous	07/20/09 13:31	1		84	90	78	75		
5G22968.D	AC45774-014	Aqueous	07/20/09 13:49	1		77	83	75	74		
6G15733.D	AC45774-015	Soil	07/20/09 10:44	1		89	137	100	98		
5G22969.D	AC45774-016	Aqueous	07/20/09 14:07	1		81	87	56	55		
5G22970.D	AC45774-017	Aqueous	07/20/09 14:25	1		86	90	53	54		
5G22955.D	WMB3604(MS	Aqueous	07/20/09 09:49	1		87	91	96	96		
6G15726.D	SMB2320B(M	Soil	07/20/09 08:59	1		97	115	109	113		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8081

Soil Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	35-148
S2=TCMX-Surrogate	100	35-148
S3=DCB-Surrogate	100	21-177
S4=DCB-Surrogate	100	21-177

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	36-144
S2=TCMX-Surrogate	100	36-144
S3=DCB-Surrogate	100	28-175
S4=DCB-Surrogate	100	28-175

FORM 3

Spike Recovery

Batch Number: SMB2320B
Mbs Name: SMB2320B(MS)
Ns Name: AC45774-005
Ms Name: AC45774-006(MS:
Msd Name: AC45774-007(MSD

Mbs File: 6G15726.D
Non Spk'd File: 6G15725.D
Spike File: 6G15727.D
Spike Dup File: 6G15728.D
Matrix: Soil
Method: EPA 8081A

Mbs Date: 07/20/09 08:59
Non Spk'd Date: 07/20/09 08:44
Spike Date : 07/20/09 09:14
Spike Dup Date: 07/20/09 09:29

Compound	C#	Co	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	53	136	29	99.48	0.00	76.70	85.21	99	77	85	11
gamma-BHC	3	1	0	100	56	129	27	99.04	0.00	79.15	87.64	99	79	88	10
beta-BHC	4	1	0	100	40	156	34	100.73	0.00	85.08	93.25	101	85	93	9.2
Heptachlor	5	1	0	100	53	136	33	98.77	0.00	79.46	89.13	99	79	89	11
delta-BHC	6	1	0	100	52	124	31	91.43	0.00	76.99	84.73	91	77	85	9.6
Aldrin	7	1	0	100	51	130	34	97.82	0.00	77.21	86.09	98	77	86	11
Heptachlor Epoxide	8	1	0	100	56	128	38	99.81	0.00	85.03	94.25	100	85	94	10
Endosulfan I	11	1	0	100	50	134	33	100.19	0.00	86.91	94.17	100	87	94	8
p,p'-DDE	12	1	0	100	40	164	41	91.86	0.00	83.85	90.17	92	84	90	7.3
Dieldrin	13	1	0	100	52	141	28	98.85	0.00	87.87	94.35	99	88	94	7.1
Endrin	14	1	0	100	56	138	35	94.18	0.00	82.71	92.46	94	83	92	11
p,p'-DDD	15	1	0	100	51	157	54	90.47	0.00	85.63	89.46	90	86	89	4.4
Endosulfan II	16	1	0	100	54	129	31	97.57	0.00	90.30	94.23	98	90	94	4.3
p,p'-DDT	17	1	0	100	20	167	32	94.02	0.00	89.50	96.12	94	89	96	7.1
Endrin Aldehyde	18	1	0	100	20	137	45	100.74	0.00	76.38	81.15	101	76	81	6.1
Endosulfan Sulfate	19	1	0	100	55	131	36	89.56	0.00	84.52	85.18	90	85	85	0.78
Methoxychlor	20	1	0	100	35	159	71	91.53	0.00	85.34	88.91	92	85	89	4.1
Endrin Ketone	21	1	0	100	56	134	29	99.30	0.00	95.87	99.84	99	96	100	4.1

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 3

Spike Recovery

Batch Number: WMB3604
Mbs Name: WMB3604(MS)
Ns Name: AC45774-008
Ms Name: AC45774-009(MS:
Msd Name: AC45774-010(MSD

Mbs File: 5G22955.D
Non Spk'd File: 5G22956.D
Spike File: 5G22957.D
Spike Dup File: 5G22958.D
Matrix: Aqueous
Method: EPA 8081A

Mbs Date: 07/20/09 09:49
Non Spk'd Date: 07/20/09 10:08
Spike Date : 07/20/09 10:26
Spike Dup Date: 07/20/09 10:44

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	65	132	23	97.73	0.00	96.13	92.66	98	96	93	3.7
gamma-BHC	3	1	0	100	56	144	23	98.91	0.00	97.87	94.40	99	98	94	3.6
beta-BHC	4	1	0	100	53	147	27	95.09	0.00	92.55	89.13	95	93	89	3.8
Heptachlor	5	1	0	100	53	144	21	92.56	0.00	94.49	91.16	93	94	91	3.6
delta-BHC	6	1	0	100	66	126	24	96.79	0.00	95.91	92.51	97	96	93	3.6
Aldrin	7	1	0	100	49	138	23	99.74	0.00	97.72	91.48	100	98	91	6.6
Heptachlor Epoxide	8	1	0	100	68	130	17	100.30	0.00	99.78	96.03	100	100	96	3.8
Endosulfan I	11	1	0	100	66	131	30	101.41	0.00	99.42	95.78	101	99	96	3.7
p,p'-DDE	12	1	0	100	66	142	18	102.23	0.00	100.26	96.60	102	100	97	3.7
Dieldrin	13	1	0	100	59	145	26	105.99	0.00	104.21	100.59	106	104	101	3.5
Endrin	14	1	0	100	55	165	20	104.95	0.00	105.55	101.82	105	106	102	3.6
p,p'-DDD	15	1	0	100	65	157	21	103.24	0.00	99.60	95.78	103	100	96	3.9
Endosulfan II	16	1	0	100	70	128	20	106.47	0.00	103.85	100.76	106	104	101	3
p,p'-DDT	17	1	0	100	56	138	22	99.95	0.00	100.43	97.23	100	100	97	3.2
Endrin Aldehyde	18	1	0	100	46	162	31	104.17	0.00	101.01	97.12	104	101	97	3.9
Endosulfan Sulfate	19	1	0	100	70	136	26	100.37	0.00	98.51	95.57	100	99	96	3
Methoxychlor	20	1	0	100	54	166	34	96.43	0.00	98.13	94.93	96	98	95	3.3
Endrin Ketone	21	1	0	100	70	142	16	102.50	0.00	101.33	97.52	102	101	98	3.8

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: WMB3604
Blank Data File: 5G22954.D
Matrix: Aqueous

Blank Analysis Date: 07/20/09 09:31
Blank Extraction Date: 07/17/09
(If Applicable)
Method: EPA 8081A

Sample Number	Data File	Analysis Date
AC45774-008	5G22956.D	07/20/09 10:08
AC45774-009(MS:	5G22957.D	07/20/09 10:26
AC45774-010(MSD	5G22958.D	07/20/09 10:44
AC45774-011	5G22965.D	07/20/09 12:55
AC45774-012	5G22966.D	07/20/09 13:13
AC45774-013	5G22967.D	07/20/09 13:31
AC45774-014	5G22968.D	07/20/09 13:49
AC45774-016	5G22969.D	07/20/09 14:07
AC45774-017	5G22970.D	07/20/09 14:25
WMB3604(MS)	5G22955.D	07/20/09 09:49

FORM 4
Blank Summary

Blank Number: SMB2320B
Blank Data File: 5G22976.D
Matrix: Soil

Blank Analysis Date: 07/21/09 04:14
Blank Extraction Date: 07/17/09
(If Applicable)
Method: EPA 8081A

Sample Number	Data File	Analysis Date
AC45774-001	6G15724.D	07/20/09 08:26
AC45774-002	6G15730.D	07/20/09 09:59
AC45774-003	6G15731.D	07/20/09 10:14
AC45774-004	6G15732.D	07/20/09 10:29
AC45774-005	6G15725.D	07/20/09 08:44
AC45774-006(MS:	6G15727.D	07/20/09 09:14
AC45774-007(MSD	6G15728.D	07/20/09 09:29
AC45774-015	6G15733.D	07/20/09 10:44
SMB2320B(MS)	6G15726.D	07/20/09 08:59

Form 5

Method: EPA 8081A

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G22861.	CAL EVAL	07/09/09 03:01	Soil					
5G22862.	CAL PEST@100PPB	07/09/09 03:19	Soil	5G22865.	13.3831	0.0359	13.7378	0.0109
5G22863.	CAL PEST@50PPB	07/09/09 03:37	Soil	5G22865.	13.3802	0.0142	13.7395	0.0015
5G22864.	CAL PEST@10PPB	07/09/09 03:55	Soil	5G22865.	13.3783	0	13.7365	0.0204
5G22865.	CAL PEST@2PPB	07/09/09 04:14	Soil	5G22865.	13.3783	0	13.7393	0
5G22866.	CAL PEST@200PPB	07/09/09 04:32	Soil	5G22865.	13.3781	0.0015	13.7387	0.0044
5G22867.	CAL PEST@400PPB	07/09/09 04:50	Soil	5G22865.	13.3771	0.009	13.7374	0.0138
5G22868.	CAL CHLO@100PPB	07/09/09 05:08	Soil	5G22865.	13.3791	0.006	13.7389	0.0029
5G22869.	CAL TOX@500PPB	07/09/09 05:26	Soil	5G22865.	13.3785	0.0015	13.7392	0.0007
5G22870.	ICV	07/09/09 05:45	Soil	5G22865.	13.3780	0.0022	13.7389	0.0029
5G22871.	CAL PEST@100PPB	07/09/09 07:31	Soil	5G22865.	13.3888	0.0785	13.7370	0.0167

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8081A

Instrument: GC_6

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G15655.	CAL EVAL	07/13/09 08:07	Soil					
6G15656.	CAL PEST@100PPB	07/13/09 09:30	Soil		10.5435	0	10.8901	0
6G15657.	CAL PEST@100PPB	07/13/09 09:58	Soil		10.5416	0.0104	10.8892	0
6G15658.	CAL PEST@50PPB	07/13/09 10:20	Soil	6G15665.	10.5489	0.0588	10.8909	0.0046
6G15659.	CAL PEST@10PPB	07/13/09 10:35	Soil	6G15665.	10.5444	0.0161	10.8903	0.0009
6G15660.	CAL PEST@2PPB	07/13/09 10:51	Soil	6G15665.	10.5441	0.0133	10.8918	0.0129
6G15661.	CAL PEST@200PPB	07/13/09 11:06	Soil	6G15665.	10.5425	0.0019	10.8900	0.0037
6G15662.	CAL PEST@400PPB	07/13/09 11:21	Soil	6G15665.	10.5408	0.018	10.8874	0.0276
6G15663.	CAL CHLO@100PPB	07/13/09 11:36	Soil	6G15665.	10.5428	0.0009	10.8907	0.0028
6G15664.	CAL TOX@500PPB	07/13/09 11:51	Soil	6G15665.	10.5426	0.0009	10.8909	0.0046
6G15665.	CAL PEST@2PPB	07/13/09 12:06	Soil	6G15665.	10.5427	0	10.8904	0
6G15666.	ICV	07/13/09 12:21	Soil	6G15665.	10.5420	0.0066	10.8897	0.0064
6G15667.	100PPB	07/13/09 12:47	Soil	6G15665.	10.5483	0.0531	10.8912	0.0073
6G15668.	CAL PEST@200PPB	07/13/09 14:14	Soil	6G15665.	10.5525	0.0929	10.8911	0.0064

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8081A

Instrument: GC_6

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
6G15722.	CAL EVAL	07/20/09 07:34	Soil					
6G15723.	CAL PEST@100PPB	07/20/09 08:08	Soil	6G15723.	10.5338	0	10.8789	0
6G15724.	AC45774-001	07/20/09 08:26	Soil	6G15723.	10.5368	0.0285	10.8804	0.0138
6G15725.	AC45774-005	07/20/09 08:44	Soil	6G15723.	10.5356	0.0171	10.8811	0.0202
6G15726.	SMB2320B(MS)	07/20/09 08:59	Soil	6G15723.	10.5324	0.0133	10.8795	0.0055
6G15727.	AC45774-006(MS:AC45	07/20/09 09:14	Soil	6G15723.	10.5340	0.0019	10.8806	0.0156
6G15728.	AC45774-007(MSD:AC4	07/20/09 09:29	Soil	6G15723.	10.5324	0.0133	10.8789	0
6G15729.	AC45845-002	07/20/09 09:44	Soil	6G15723.	10.5319	0.018	10.8801	0.011
6G15730.	AC45774-002	07/20/09 09:59	Soil	6G15723.	10.5322	0.0152	10.8810	0.0193
6G15731.	AC45774-003	07/20/09 10:14	Soil	6G15723.	10.5325	0.0123	10.8795	0.0055
6G15732.	AC45774-004	07/20/09 10:29	Soil	6G15723.	10.5335	0.0029	10.8790	0.0009
6G15733.	AC45774-015	07/20/09 10:44	Soil	6G15723.	10.5340	0.0019	10.8802	0.012
6G15734.	AC45775-001	07/20/09 11:02	Soil	6G15723.	10.5374	0.0342	10.8807	0.0165
6G15735.	AC45775-005	07/20/09 11:17	Soil	6G15723.	10.5334	0.0038	10.8800	0.0101
6G15736.	AC45775-006	07/20/09 11:32	Soil	6G15723.	10.5349	0.0104	10.8812	0.0211
6G15737.	AC45822-002	07/20/09 11:47	Soil	6G15723.	10.5330	0.0076	10.8794	0.0046
6G15738.	AC45822-003	07/20/09 12:02	Soil	6G15723.	10.5345	0.0066	10.8808	0.0175
6G15739.	AC45822-004	07/20/09 12:17	Soil	6G15723.	10.5369	0.0294	10.8834	0.0414
6G15740.	AC45822-008	07/20/09 12:32	Soil	6G15723.	10.5337	0.001	10.8841	0.0478
6G15741.	AC45786-002	07/20/09 12:47	Soil	6G15723.	10.5361	0.0218	10.8817	0.0257
6G15742.	AC45818-001	07/20/09 13:02	Soil	6G15723.	10.5362	0.0228	10.8862	0.0671
6G15743.	AC45783-001	07/20/09 13:17	Soil	6G15723.	10.5360	0.0209	10.8816	0.0248
6G15744.	CAL PEST@200PPB	07/20/09 14:20	Soil	6G15723.	10.5339	0.001	10.8791	0.0018

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Method: EPA 8081A

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G22950.	CAL EVAL	07/20/09 07:56	Aqueous					
5G22951.	CAL PEST@100PPB	07/20/09 08:35	Aqueous	5G22951.	13.3653	0	13.7325	0
5G22952.	WMB3605(MS)	07/20/09 08:55	Aqueous	5G22951.	13.3671	0.0135	13.7317	0.0058
5G22953.	WMB3605	07/20/09 09:13	Aqueous	5G22951.	13.3648	0.0037	13.7342	0.0124
5G22954.	WMB3604	07/20/09 09:31	Aqueous	5G22951.	13.3648	0.0037	13.7332	0.0051
5G22955.	WMB3604(MS)	07/20/09 09:49	Aqueous	5G22951.	13.3655	0.0015	13.7344	0.0138
5G22956.	AC45774-008	07/20/09 10:08	Aqueous	5G22951.	13.3647	0.0045	13.7327	0.0015
5G22957.	AC45774-009(MS:AC45	07/20/09 10:26	Aqueous	5G22951.	13.3649	0.003	13.7335	0.0073
5G22958.	AC45774-010(MSD:AC4	07/20/09 10:44	Aqueous	5G22951.	13.3647	0.0045	13.7334	0.0066
5G22959.	CAL PEST@100PPB	07/20/09 11:02	Aqueous	5G22951.	13.3640	0.0097	13.7338	0.0095
5G22960.	AC45775-003	07/20/09 11:20	Aqueous	5G22959.	13.3654	0.0105	13.7333	0.0036
5G22961.	AC45775-004	07/20/09 11:39	Aqueous	5G22959.	13.3639	0.0007	13.7339	0.0007
5G22962.	AC45822-005	07/20/09 12:00	Aqueous	5G22959.	13.3667	0.0202	13.7328	0.0073
5G22963.	AC45822-006	07/20/09 12:18	Aqueous	5G22959.	13.3656	0.012	13.7329	0.0066
5G22964.	AC45822-007	07/20/09 12:36	Aqueous	5G22959.	13.3656	0.012	13.7336	0.0015
5G22965.	AC45774-011	07/20/09 12:55	Aqueous	5G22959.	13.3656	0.012	13.7350	0.0087
5G22966.	AC45774-012	07/20/09 13:13	Aqueous	5G22959.	13.3658	0.0135	13.7345	0.0051
5G22967.	AC45774-013	07/20/09 13:31	Aqueous	5G22959.	13.3653	0.0097	13.7342	0.0029
5G22968.	AC45774-014	07/20/09 13:49	Aqueous	5G22959.	13.3648	0.006	13.7334	0.0029
5G22969.	AC45774-016	07/20/09 14:07	Aqueous	5G22959.	13.3656	0.012	13.7346	0.0058
5G22970.	AC45774-017	07/20/09 14:25	Aqueous	5G22959.	13.3658	0.0135	13.7353	0.0109
5G22971.	CAL PEST@200PPB	07/20/09 15:00	Aqueous	5G22959.	13.3665	0.0187	13.7351	0.0095

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Method: EPA 8081A

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G22972.	CAL EVAL	07/21/09 03:01	Aqueous					
5G22973.	CAL PEST@100PPB	07/21/09 03:19	Aqueous	5G22973.	13.3678	0	13.7326	0
5G22974.	200PPB	07/21/09 03:37	Aqueous	5G22973.	13.3651	0.0202	13.7335	0.0065
5G22975.	SMB2321B	07/21/09 03:55	Soil	5G22973.	13.3648	0.0224	13.7332	0.0044
5G22976.	SMB2320B	07/21/09 04:14	Soil	5G22973.	13.3643	0.0262	13.7343	0.0124
5G22977.	EF-1-V 69665	07/21/09 04:32	Aqueous	5G22973.	13.3634	0.0329	13.7324	0.0015
5G22978.	AC45807-001(T)	07/21/09 04:50	Aqueous	5G22973.	13.3635	0.0322	13.7330	0.0029
5G22979.	AC45807-002(T)	07/21/09 05:08	Aqueous	5G22973.	13.3636	0.0314	13.7329	0.0022
5G22980.	WMB3607	07/21/09 05:26	Aqueous	5G22973.	13.3643	0.0262	13.7329	0.0022
5G22981.	WMB3607(MS)	07/21/09 05:45	Aqueous	5G22973.	13.3648	0.0224	13.7350	0.0175
5G22982.	AC45845-007	07/21/09 06:03	Aqueous	5G22973.	13.3635	0.0322	13.7336	0.0073
5G22983.	AC45833-020	07/21/09 06:21	Aqueous	5G22973.	13.3631	0.0352	13.7339	0.0095
5G22984.	AC45833-021	07/21/09 06:39	Aqueous	5G22973.	13.3626	0.0389	13.7325	0.0007
5G22985.	SMB2321B(MS)	07/21/09 06:57	Soil	5G22973.	13.3644	0.0254	13.7350	0.0175
5G22986.	AC45845-002(MS)	07/21/09 07:15	Soil	5G22973.	13.3650	0.0209	13.7333	0.0051
5G22987.	AC45845-002(MSD)	07/21/09 07:34	Soil	5G22973.	13.3633	0.0337	13.7334	0.0058
5G22988.	CAL PEST@200PPB	07/21/09 08:19	Soil	5G22973.	13.3606	0.0539	13.7329	0.0022
5G22989.	CAL EVAL	07/21/09 08:42	Soil					
5G22990.	MBS -1(ND)	07/21/09 09:10	Aqueous	5G22988.	13.3692	0.0643	13.7315	0.0102
5G22991.	MBS -2(ND)	07/21/09 09:29	Aqueous	5G22988.	13.3658	0.0389	13.7341	0.0087
5G22992.	MBS -3(ND)	07/21/09 09:47	Aqueous	5G22988.	13.3639	0.0247	13.7334	0.0036
5G22993.	MBS -4(ND)	07/21/09 10:05	Aqueous	5G22988.	13.3641	0.0262	13.7329	0
5G22994.	CAL PEST@200PPB	07/21/09 10:23	Aqueous	5G22988.	13.3637	0.0232	13.7319	0.0073
5G22995.	TEST	07/22/09 10:00	Soil	5G22994.	13.3740	0.077	13.7308	0.008
5G22996.	TEST	07/22/09 10:18	Soil	5G22994.	13.3661	0.018	13.7330	0.008
5G22997.	TEST	07/22/09 10:37	Soil	5G22994.	13.3639	0.0015	13.7328	0.0065

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

GC Pesticide Data
Sample Data

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC45774-001
Client Id: 1-30-185-SB01 (15-20)
Data File: 6G15724.D
Analysis Date: 07/20/09 08:26
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15724.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:26
Operator : JP
Sample : AC45774-001
Misc : S,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:55:20 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.719	3.667	1245289	1632672	67.391m	99.067 #
22)DCB-Surrogate	10.537	10.880	1612524	1593928	95.787	101.699

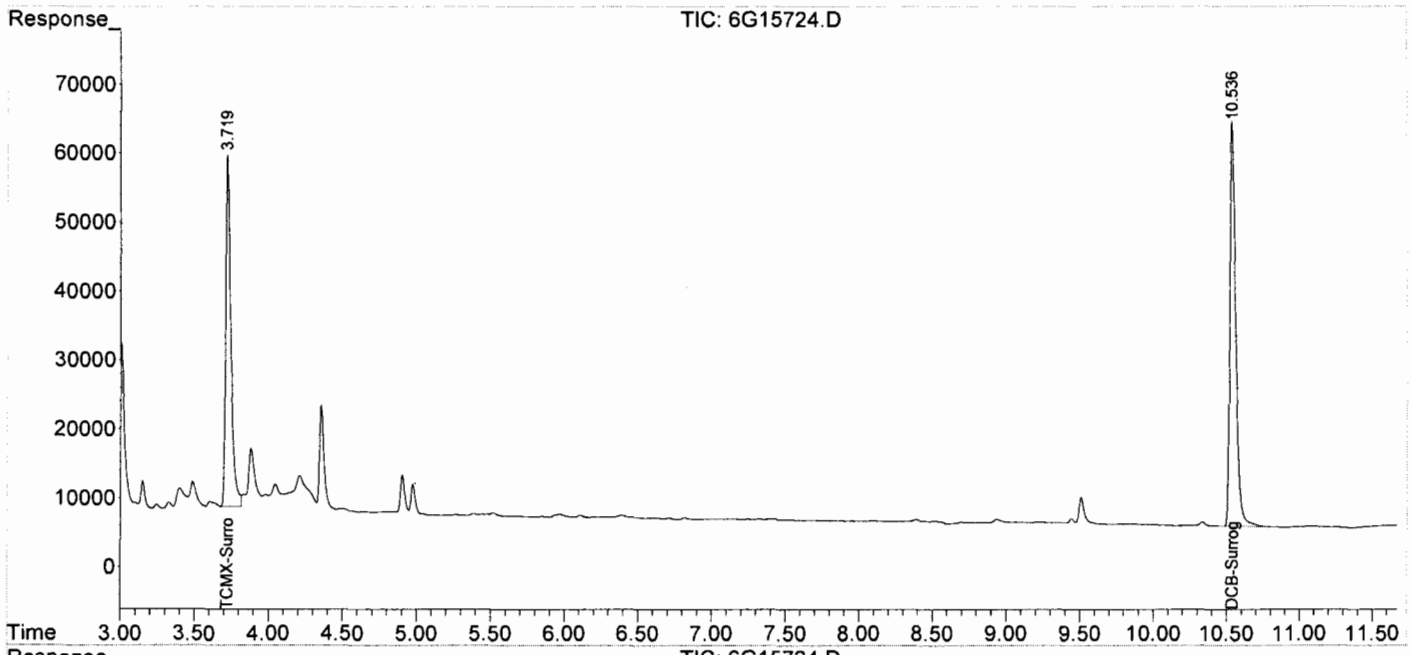
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

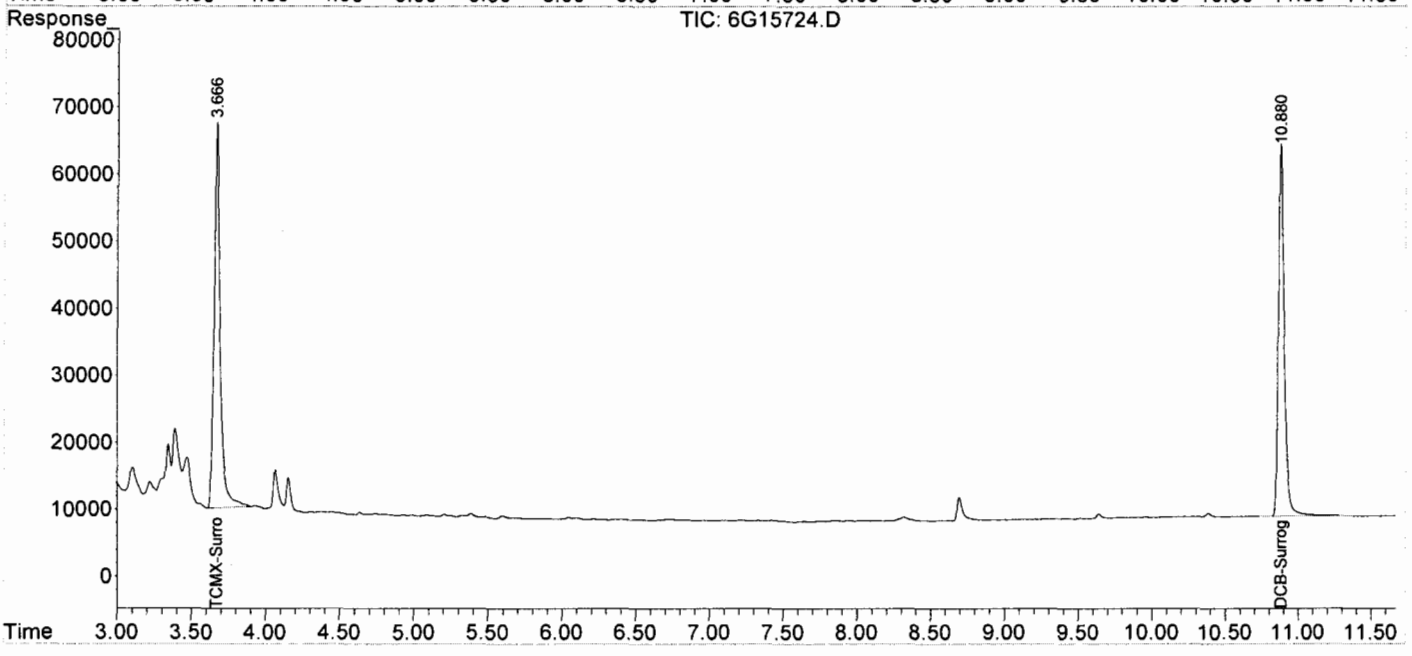
JP

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15724.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:26
Operator : JP
Sample : AC45774-001
Misc : S,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:55:20 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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: AC45774-002
Client Id: 1-30-185-SB02 (15-20)
Data File: 6G15730.D
Analysis Date: 07/20/09 09:59
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0054	U	7421-93-4	Endrin Aldehyde	0.0054	U
319-84-6	alpha-BHC	0.0011	U	53494-70-5	Endrin Ketone	0.0054	U
319-85-7	beta-BHC	0.0011	U	58-89-9	gamma-BHC	0.0011	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0054	U
319-86-8	delta-BHC	0.0054	U	1024-57-3	Heptachlor Epoxide	0.0054	U
60-57-1	Dieldrin	0.0011	U	72-43-5	Methoxychlor	0.0054	U
959-98-8	Endosulfan I	0.0054	U	72-54-8	p,p'-DDD	0.0027	U
33213-65-9	Endosulfan II	0.0054	U	72-55-9	p,p'-DDE	0.0027	U
1031-07-8	Endosulfan Sulfate	0.0054	U	**50-29-3**	**p,p'-DDT**	**0.0027**	**0.0081**
72-20-8	Endrin	0.0054	U	8001-35-2	Toxaphene	0.027	U

Worksheet #: 124444

Total Target Concentration 0.0081

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15730.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:59
Operator : JP
Sample : AC45774-002
Misc : S,PEST
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:14:24 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.719	3.671	1713254	1650356	93.103m	100.138m
17)	p,p'-DDT	8.285	8.113	206489	204848	15.122m	14.079m
22)	DCB-Surrogate	10.532	10.881	1552015	1769975	92.103m	113.380m

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

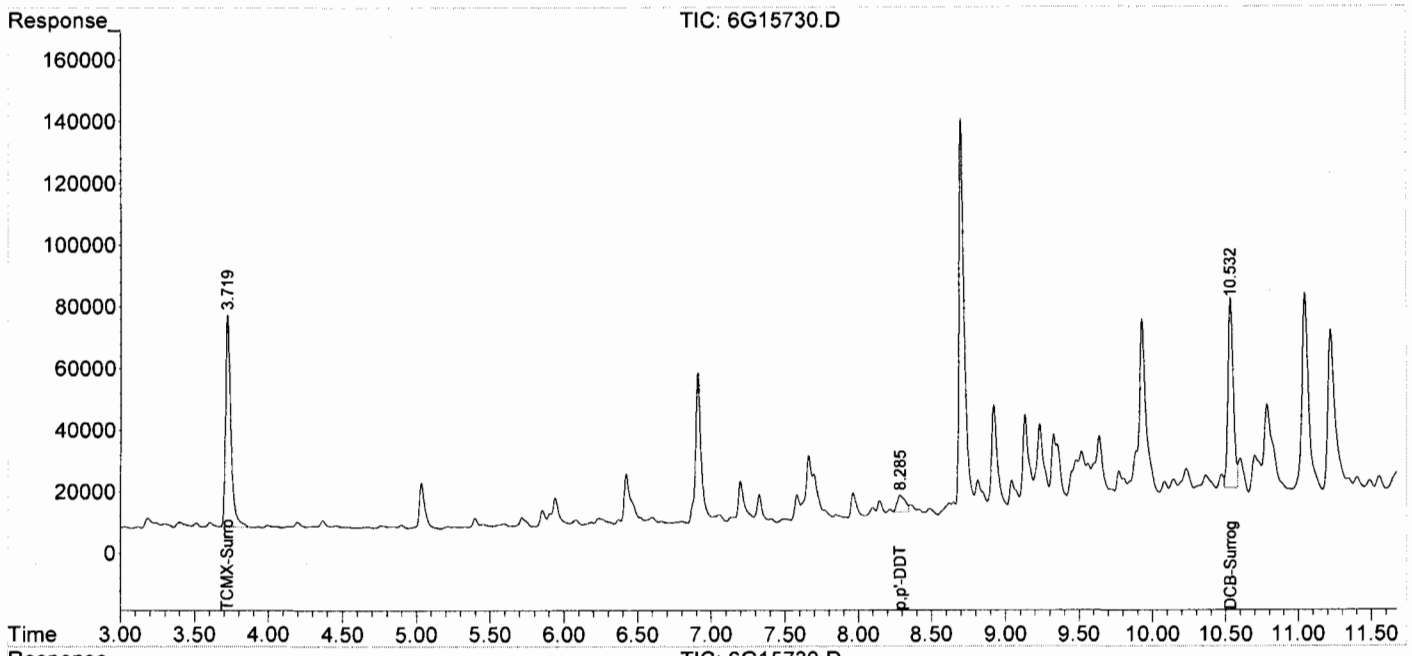
9P

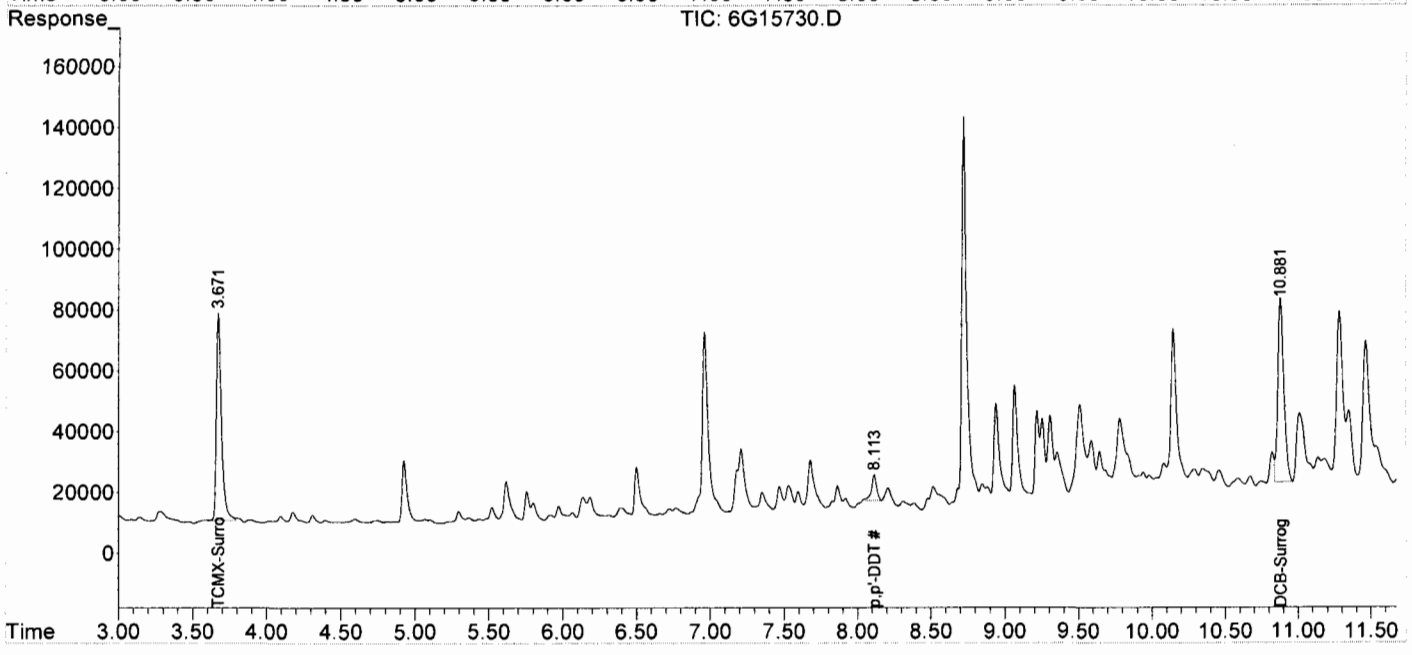
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15730.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:59
Operator : JP
Sample : AC45774-002
Misc : S,PEST
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:14:24 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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: AC45774-003
Client Id: 1-30-185-SB03 (5-10)
Data File: 6G15731.D
Analysis Date: 07/20/09 10:14
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:14
Operator : JP
Sample : AC45774-003
Misc : S,PEST
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 13:08:41 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.720	3.671	1507926	1396264	81.795	84.751m
22)DCB-Surrogate	10.533	10.880	1799210	1466670	107.203m	93.314m

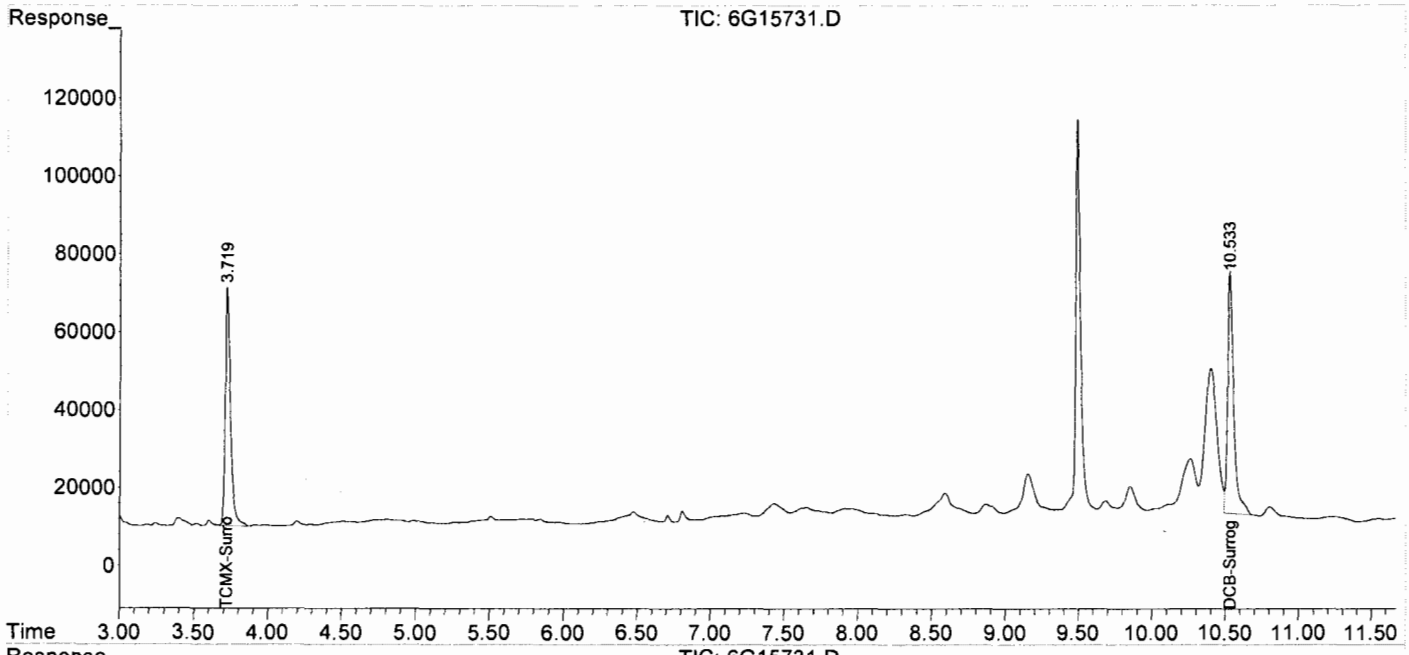
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

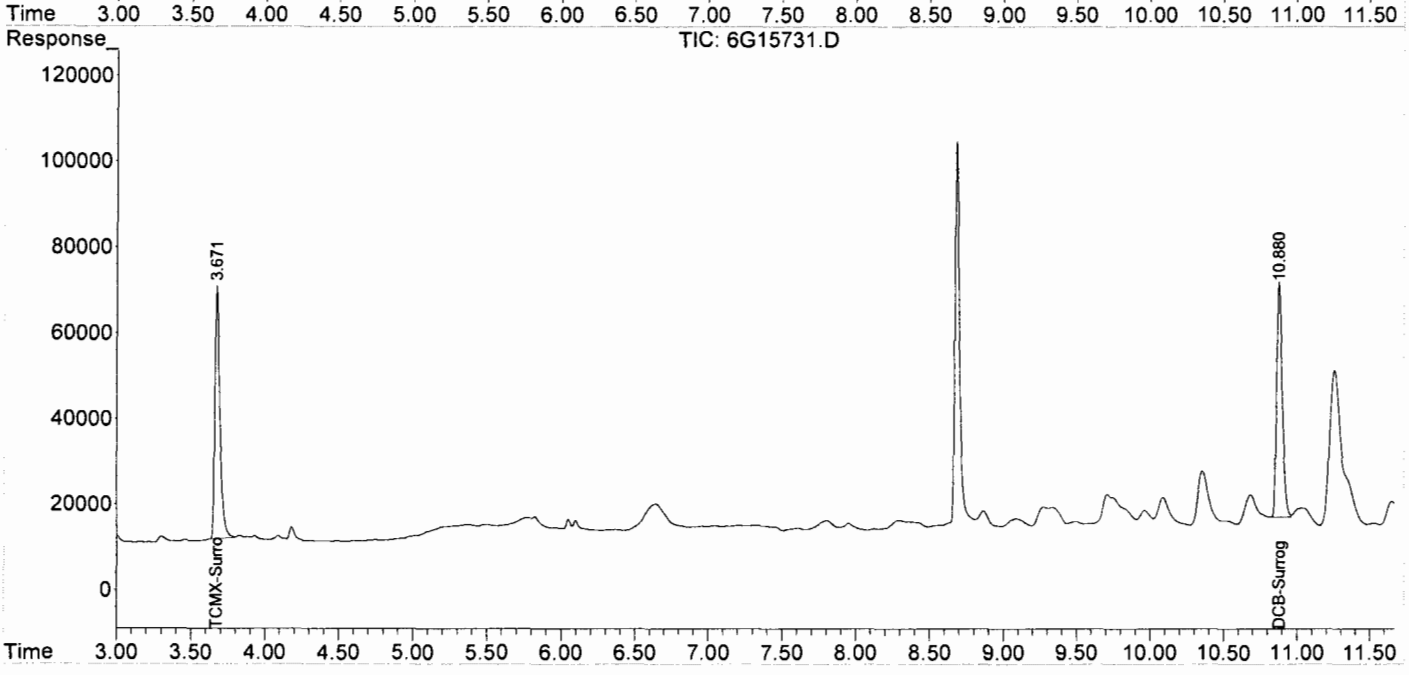
JP

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:14
Operator : JP
Sample : AC45774-003
Misc : S,PEST
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 13:08:41 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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: AC45774-004
Client Id: 1-30-185-SB04 (10-15)
Data File: 6G15732.D
Analysis Date: 07/20/09 10:29
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15732.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:29
Operator : JP
Sample : AC45774-004
Misc : S,PEST
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 13:09:51 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.720	3.670	1795513	1759889	97.646	106.767m
22)DCB-Surrogate	10.533	10.879	1758751	1560147	104.723	99.468m

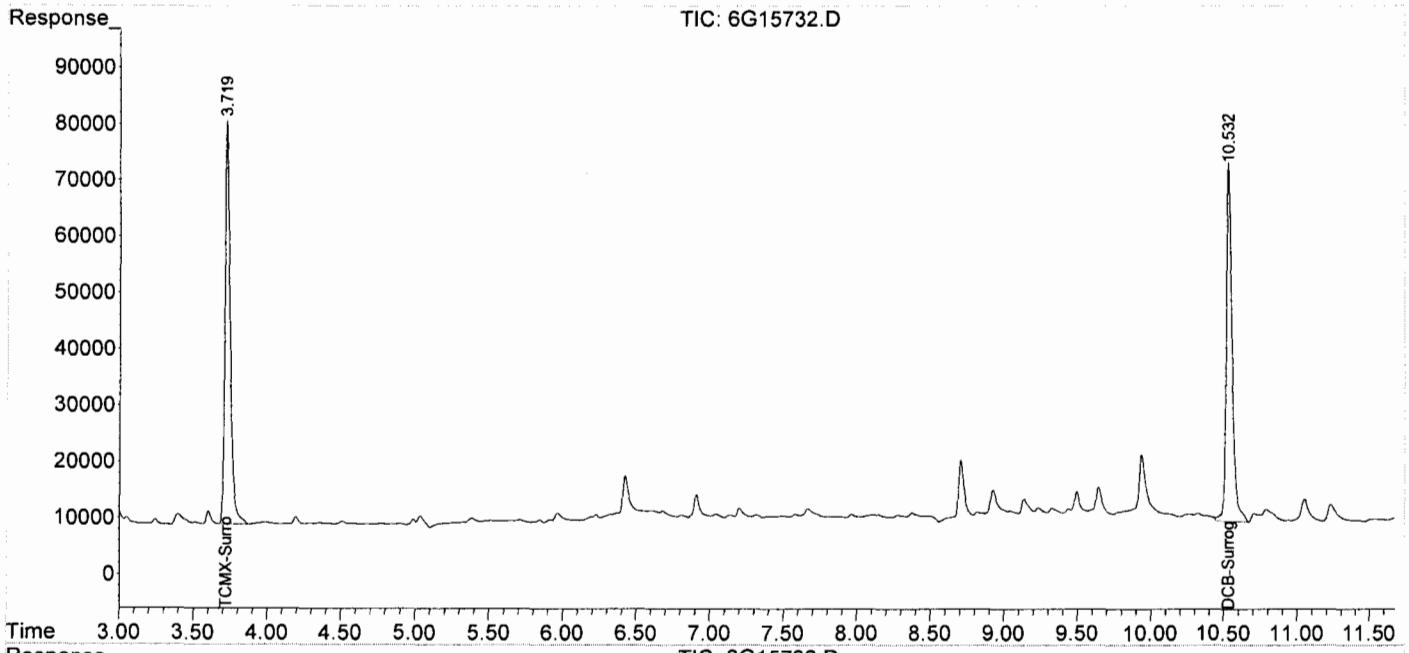
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

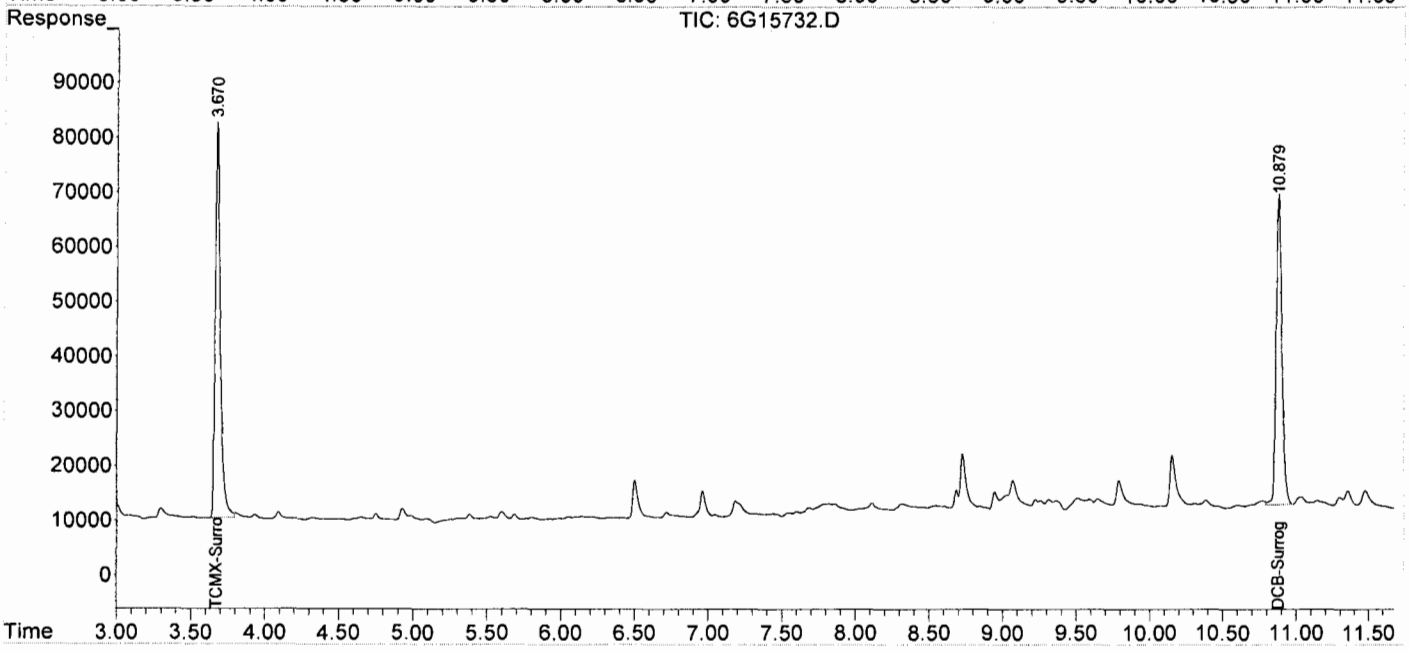
JP

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15732.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:29
Operator : JP
Sample : AC45774-004
Misc : S,PEST
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 13:09:51 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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: AC45774-005
Client Id: 1-30-185-SB05 (15-20)
Data File: 6G15725.D
Analysis Date: 07/20/09 08:44
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0052	U	7421-93-4	Endrin Aldehyde	0.0052	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0052	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0052	U
319-86-8	delta-BHC	0.0052	U	1024-57-3	Heptachlor Epoxide	0.0052	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0052	U
959-98-8	Endosulfan I	0.0052	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0052	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0052	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0052	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15725.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:44
Operator : JP
Sample : AC45774-005
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:56:02 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.721	3.668	1255558	1510916	67.953	91.695m#
22)DCB-Surrogate	10.536	10.881	1601164	1579106	95.095	100.720

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

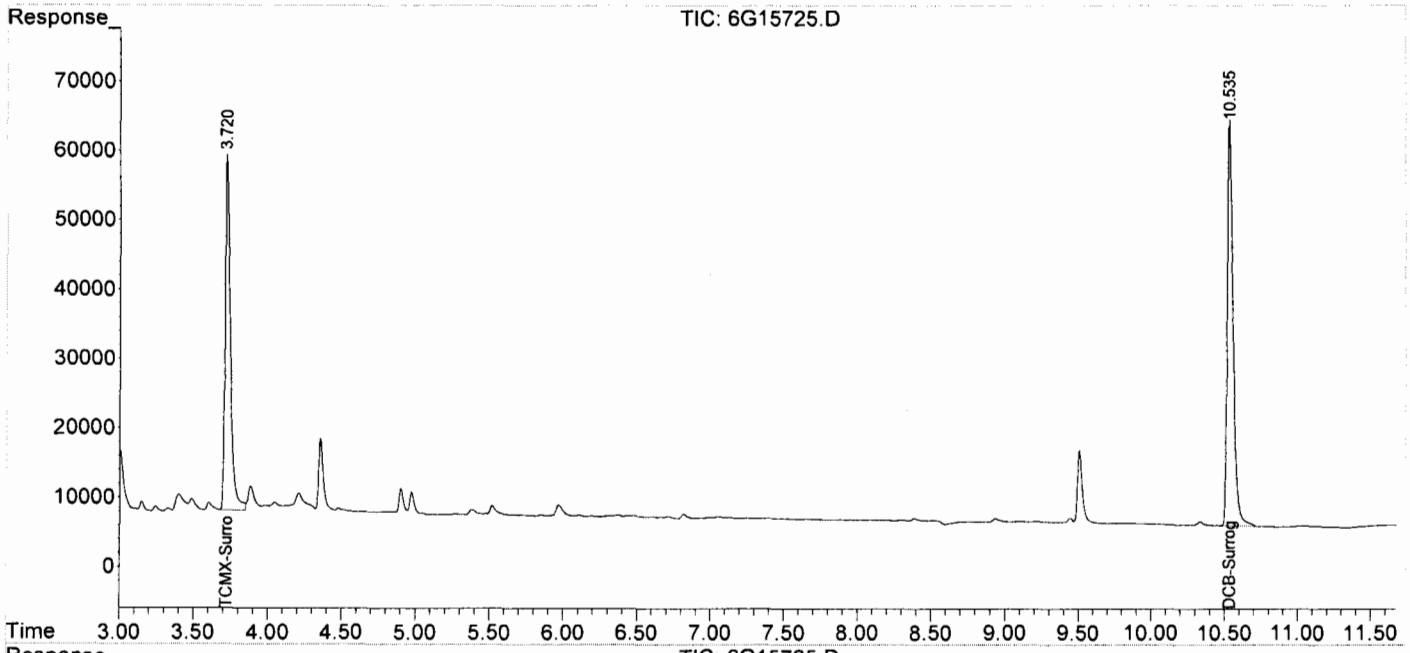
JP

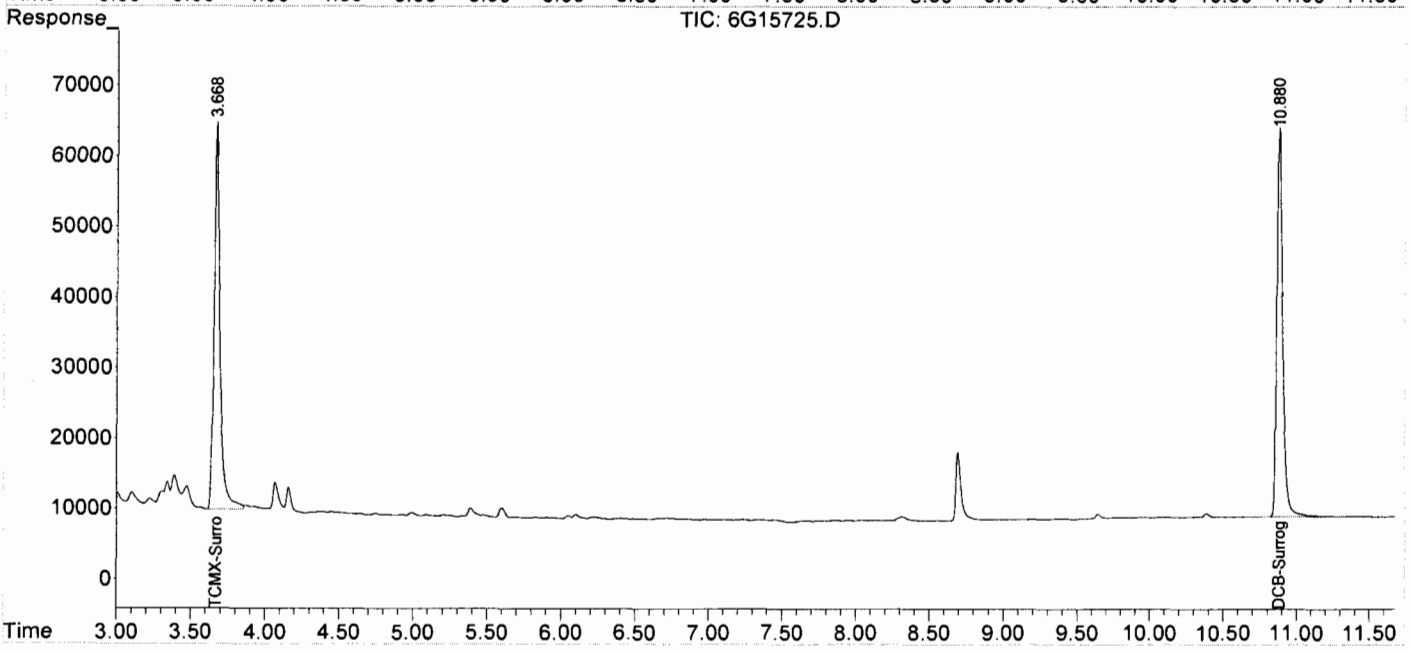
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15725.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:44
Operator : JP
Sample : AC45774-005
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:56:02 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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: AC45774-006(MS:AC45
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 6G15727.D
Analysis Date: 07/20/09 09:14
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	**Aldrin**	**0.0052**	**0.042**	**7421-93-4**	**Endrin Aldehyde**	**0.0052**	**0.039**
319-84-6	**alpha-BHC**	**0.0010**	**0.040**	**53494-70-5**	**Endrin Ketone**	**0.0052**	**0.049**
319-85-7	**beta-BHC**	**0.0010**	**0.044**	**58-89-9**	**gamma-BHC**	**0.0010**	**0.043**
57-74-9	Chlordane	0.010	U	**76-44-8**	**Heptachlor**	**0.0052**	**0.041**
319-86-8	**delta-BHC**	**0.0052**	**0.043**	**1024-57-3**	**Heptachlor Epoxide**	**0.0052**	**0.046**
60-57-1	**Dieldrin**	**0.0010**	**0.047**	**72-43-5**	**Methoxychlor**	**0.0052**	**0.049**
959-98-8	**Endosulfan I**	**0.0052**	**0.045**	**72-54-8**	**p,p'-DDD**	**0.0026**	**0.047**
33213-65-9	**Endosulfan II**	**0.0052**	**0.050**	**72-55-9**	**p,p'-DDE**	**0.0026**	**0.046**
1031-07-8	**Endosulfan Sulfate**	**0.0052**	**0.048**	**50-29-3**	**p,p'-DDT**	**0.0026**	**0.047**
72-20-8	**Endrin**	**0.0052**	**0.044**	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0.12

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15727.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:14
Operator : JP
Sample : AC45774-006(MS:AC45774-005)
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:02:00 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.718	3.670	1225661	1415874	66.317m	85.939 #
2)alpha-BHC	4.706	4.410	1963657	2064891	76.705m	75.196
3)gamma-BHC	5.176	4.871	1898881	1850216	79.145	83.740
4)beta-BHC	6.010	4.933	1096373	1158830	85.079	86.208
5)Heptachlor	5.442	5.276	1857516	1727536	79.461m	76.975
6)delta-BHC	6.338	5.388	1784396	1813017	76.988m	82.609
7)Aldrin	5.790	5.689	1868250	1766535	77.207	80.951
8)Heptachlor Epoxid	6.588	6.365	1863586	1729825	85.026m	88.701m
9)y-chlordane	6.975	6.565	2246377	1820195	84.713	88.980m
10)a-chlordane	7.043	6.763	2061209	1628178	85.482	95.546
11)Endosulfan I	6.939	6.811	1432300	1804433	86.908	86.415
12)p,p'-DDE	7.128	7.047	1917702	1683052	83.846	88.329m
13)Dieldrin	7.375	7.189	1800283	1700463	87.873m	91.055m
14)Endrin	7.633	7.650	1630764	1421390	82.710	85.487
15)p,p'-DDD	8.076	7.737	1470898	1326889	85.626	91.721
16)Endosulfan II	8.197	7.866	1713429	1592010	90.297	96.527
17)p,p'-DDT	8.284	8.114	1248053	1328089	89.503	90.582
18)Endrin Aldehyde	8.691	8.265	1103036	1041522	76.379	66.591m
19)Endosulfan Sulfat	9.060	8.415	1445649	1376547	84.524	93.175m
20)Methoxychlor	8.986	9.171	803937	784382	85.341	94.256m
21)Endrin Ketone	9.571	9.382	1705467	1700993	95.873m	95.979m
22)DCB-Surrogate	10.534	10.881	1702557	1670411	101.284	106.762

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

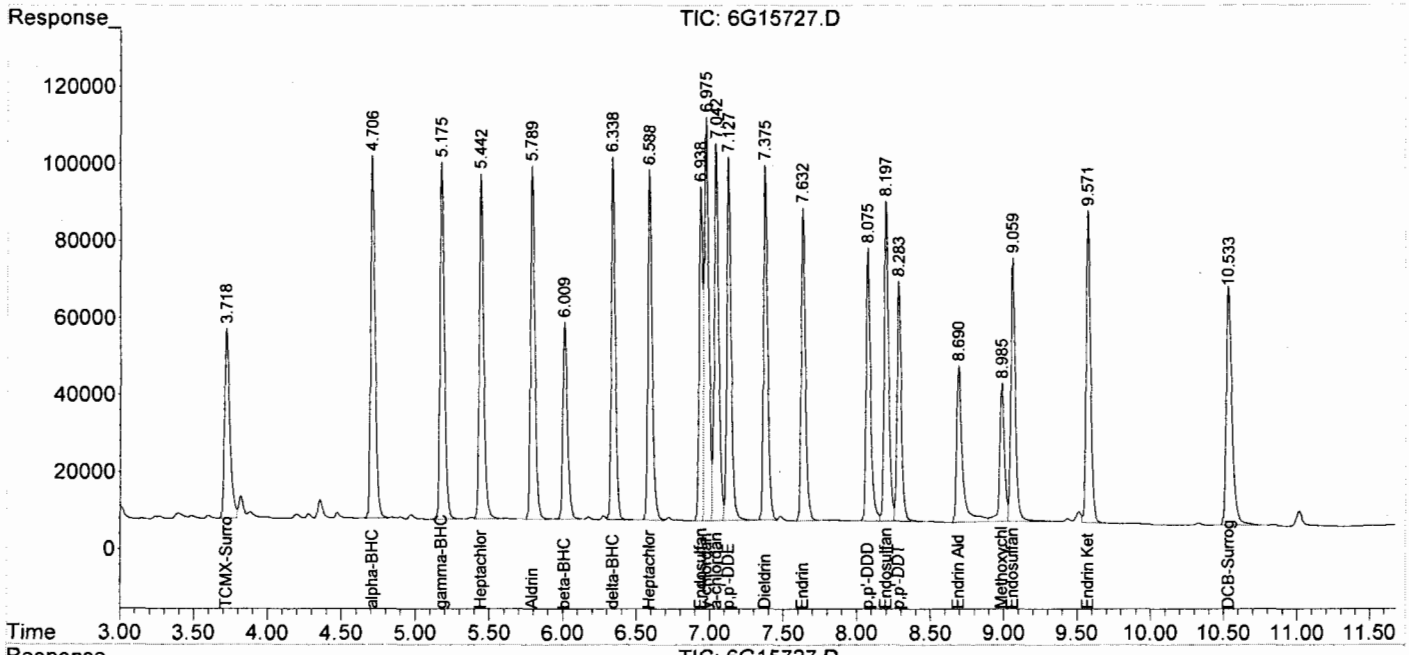
JP

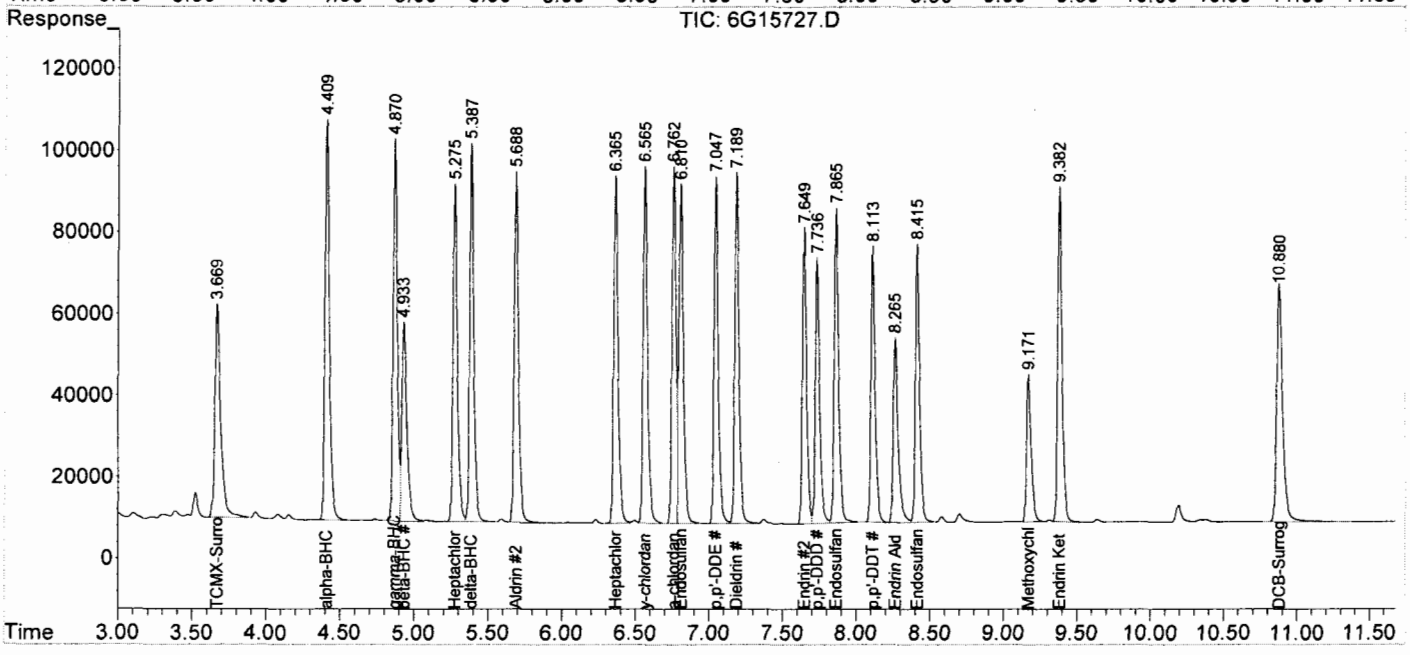
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15727.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:14
Operator : JP
Sample : AC45774-006(MS:AC45774-005)
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:02:00 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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: AC45774-007(MSD:AC
Client Id: 1-30-185-SB05 (15-20) MS
Data File: 6G15728.D
Analysis Date: 07/20/09 09:29
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	**Aldrin**	**0.0053**	**0.047**	**7421-93-4**	**Endrin Aldehyde**	**0.0053**	**0.043**
319-84-6	**alpha-BHC**	**0.0011**	**0.045**	**53494-70-5**	**Endrin Ketone**	**0.0053**	**0.053**
319-85-7	**beta-BHC**	**0.0011**	**0.050**	**58-89-9**	**gamma-BHC**	**0.0011**	**0.050**
57-74-9	Chlordane	0.011	U	**76-44-8**	**Heptachlor**	**0.0053**	**0.047**
319-86-8	**delta-BHC**	**0.0053**	**0.048**	**1024-57-3**	**Heptachlor Epoxide**	**0.0053**	**0.052**
60-57-1	**Dieldrin**	**0.0011**	**0.052**	**72-43-5**	**Methoxychlor**	**0.0053**	**0.052**
959-98-8	**Endosulfan I**	**0.0053**	**0.050**	**72-54-8**	**p,p'-DDD**	**0.0027**	**0.050**
33213-65-9	**Endosulfan II**	**0.0053**	**0.052**	**72-55-9**	**p,p'-DDE**	**0.0027**	**0.050**
1031-07-8	**Endosulfan Sulfate**	**0.0053**	**0.051**	**50-29-3**	**p,p'-DDT**	**0.0027**	**0.051**
72-20-8	**Endrin**	**0.0053**	**0.050**	8001-35-2	Toxaphene	0.027	U

Worksheet #: 124444

Total Target Concentration 0.34

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15728.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:29
Operator : JP
Sample : AC45774-007(MSD:AC45774-005)
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:05:47 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.717	3.669	1331965	1654302	72.137m	100.377 #
2)alpha-BHC	4.706	4.410	2189656	2292019	85.215m	83.467
3)gamma-BHC	5.175	4.870	2107051	2058439	87.641m	93.164
4)beta-BHC	6.009	4.933	1201695	1237150	93.252	92.034
5)Heptachlor	5.442	5.275	2083589	1913784	89.132m	85.274
6)delta-BHC	6.337	5.387	1966802	1972386	84.734m	89.870
7)Aldrin	5.790	5.689	2083203	1934403	86.090	88.643
8)Heptachlor Epoxid	6.588	6.364	2065775	1898355	94.250m	97.343m
9)y-chlordane	6.975	6.564	2448511	1958642	92.318	95.748m
10)a-chlordane	7.042	6.763	2246404	1745884	93.162	102.453
11)Endosulfan I	6.939	6.811	1549410	1932466	94.168	92.546
12)p,p'-DDE	7.127	7.046	2062413	1781454	90.173	93.494m
13)Dieldrin	7.375	7.188	1934640	1829369	94.353m	97.911m
14)Endrin	7.633	7.648	1822926	1563991	92.456	94.064
15)p,p'-DDD	8.075	7.736	1536695	1365249	89.457	94.373
16)Endosulfan II	8.196	7.865	1788058	1613427	94.230	97.825
17)p,p'-DDT	8.284	8.113	1342761	1384003	96.117	94.360
18)Endrin Aldehyde	8.690	8.263	1172059	1142193	81.150	73.317m
19)Endosulfan Sulfat	9.059	8.413	1456902	1412695	85.182	95.622m
20)Methoxychlor	8.984	9.170	837062	807520	88.911	97.037m
21)Endrin Ketone	9.571	9.381	1776010	1712788	99.838	96.644m
22)DCB-Surrogate	10.532	10.879	1716721	1668090	102.150	106.608

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

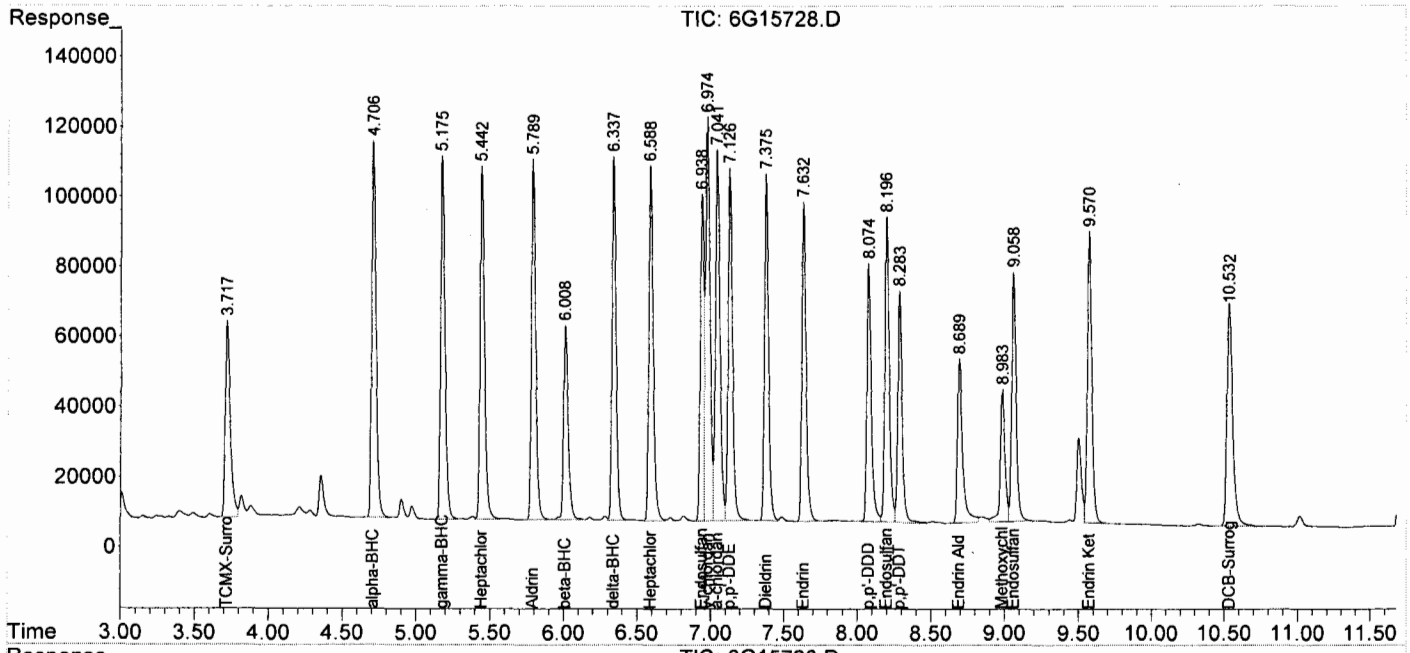
9P

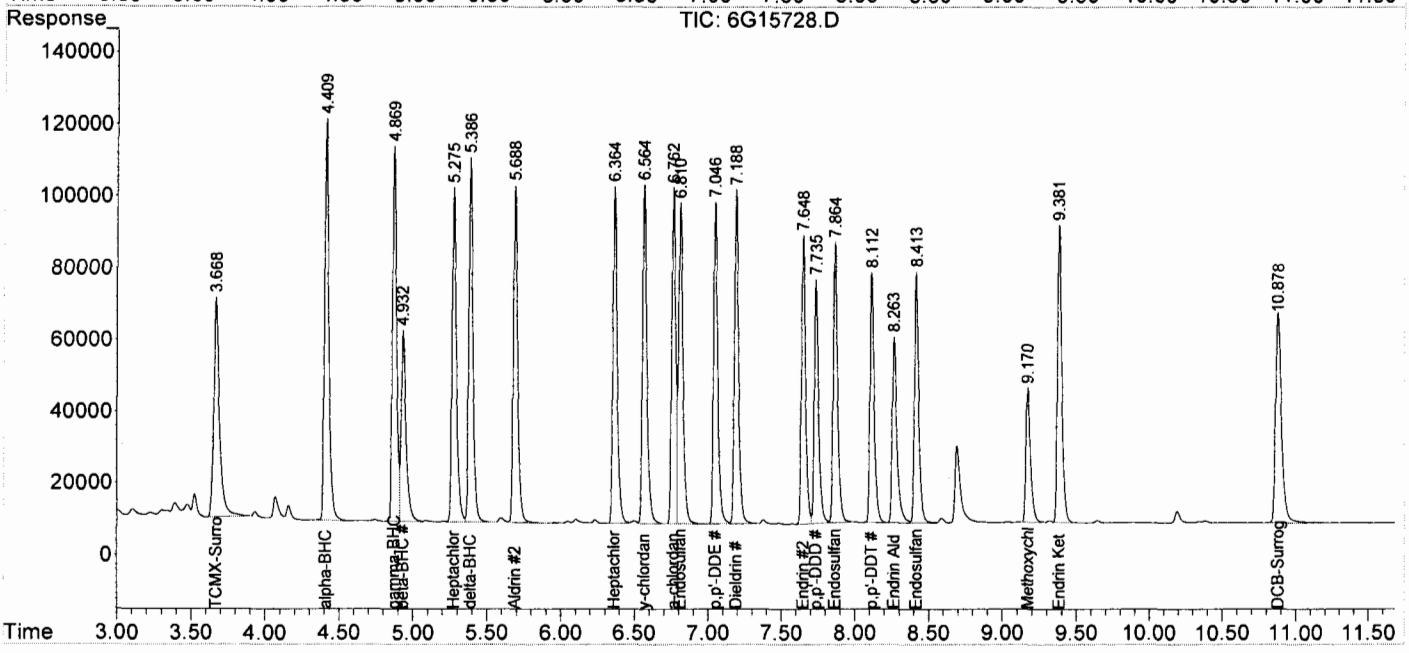
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15728.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:29
Operator : JP
Sample : AC45774-007(MSD:AC45774-005)
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:05:47 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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: AC45774-008
Client Id: 1-30-185-GP01 (30)
Data File: 5G22956.D
Analysis Date: 07/20/09 10:08
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 910ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22956.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:08
Operator : JP
Sample : AC45774-008
Misc : A,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 11:58:34 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.286	6.243	104.6E6	65746021	82.300m	86.933m
22)DCB-Surrogate	13.365	13.733	77150489	46637923	70.947	70.875m

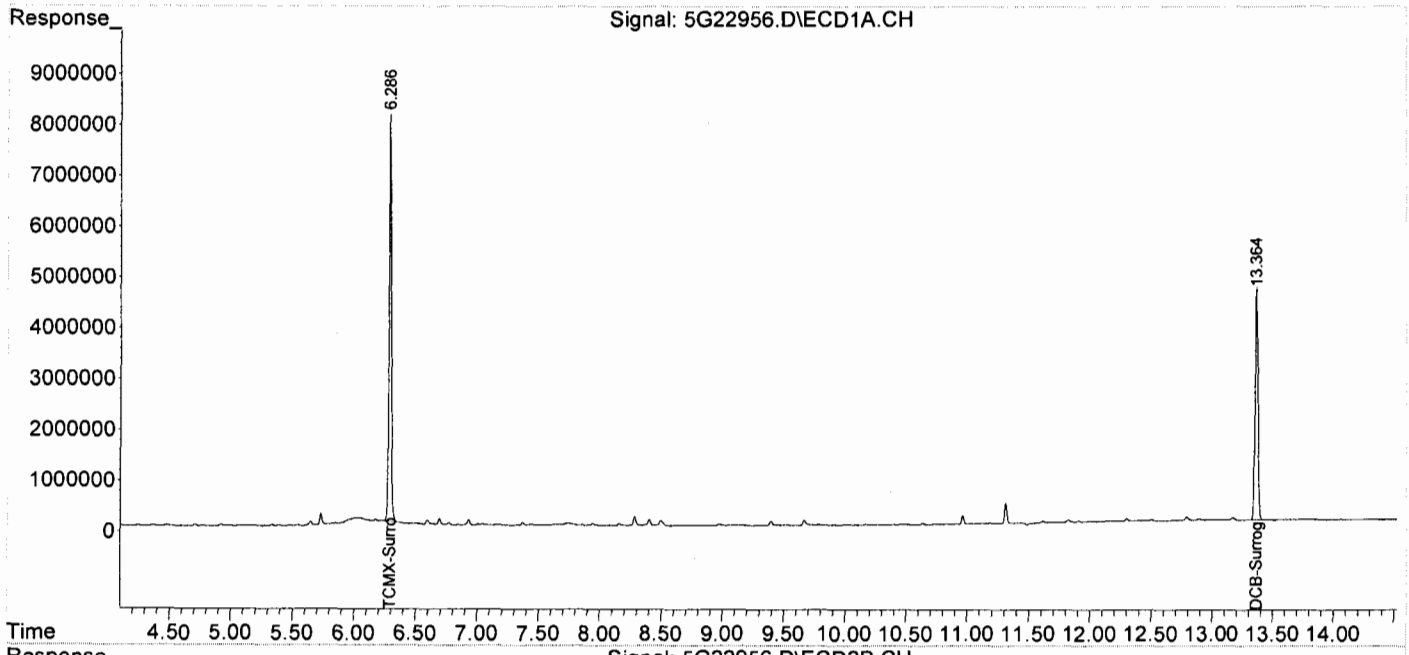
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

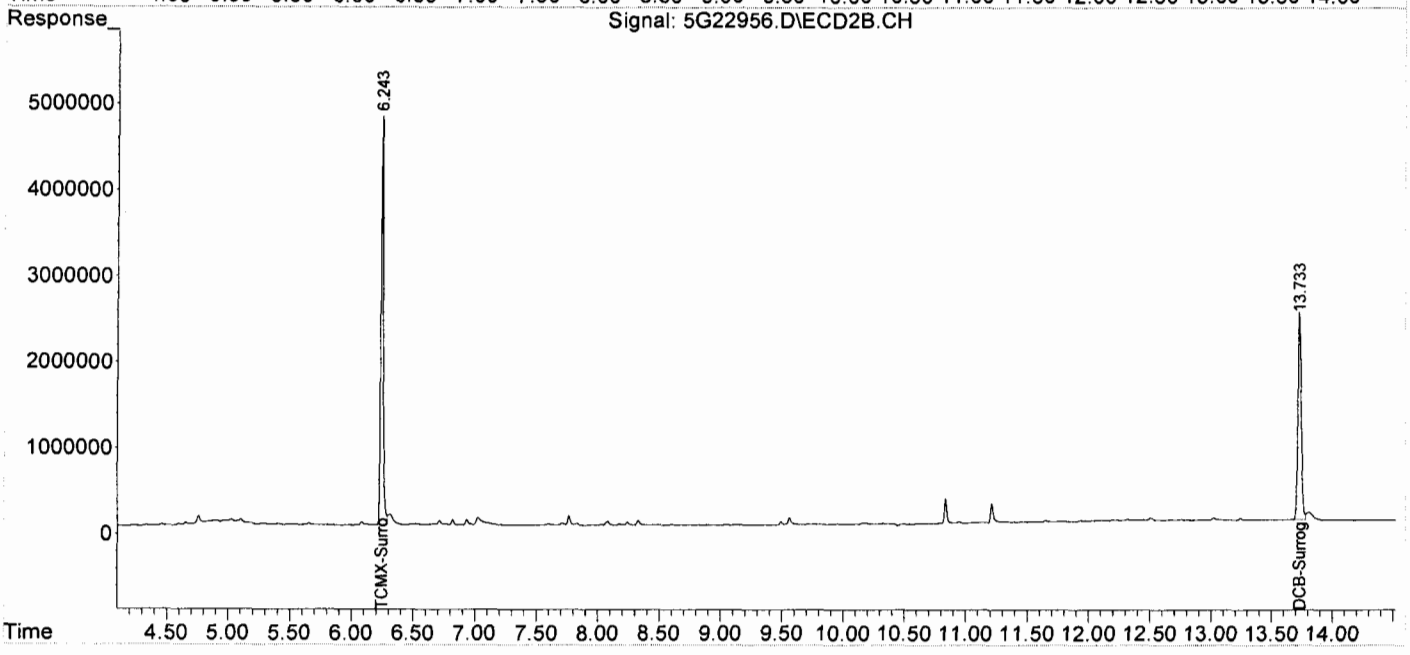
JP

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22956.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:08
Operator : JP
Sample : AC45774-008
Misc : A,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 11:58:34 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: AC45774-009(MS:AC45
Client Id: 1-30-185-GP01(30) MS
Data File: 5G22957.D
Analysis Date: 07/20/09 10:26
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	**Aldrin**	**0.011**	**0.53**	**7421-93-4**	**Endrin Aldehyde**	**0.011**	**0.57**
319-84-6	**alpha-BHC**	**0.011**	**0.52**	**53494-70-5**	**Endrin Ketone**	**0.011**	**0.54**
319-85-7	**beta-BHC**	**0.011**	**0.53**	**58-89-9**	**gamma-BHC**	**0.011**	**0.53**
57-74-9	Chlordane	0.11	U	**76-44-8**	**Heptachlor**	**0.011**	**0.53**
319-86-8	**delta-BHC**	**0.011**	**0.52**	**1024-57-3**	**Heptachlor Epoxide**	**0.011**	**0.54**
60-57-1	**Dieldrin**	**0.011**	**0.56**	**72-43-5**	**Methoxychlor**	**0.011**	**0.55**
959-98-8	**Endosulfan I**	**0.011**	**0.53**	**72-54-8**	**p,p'-DDD**	**0.011**	**0.54**
33213-65-9	**Endosulfan II**	**0.011**	**0.56**	**72-55-9**	**p,p'-DDE**	**0.011**	**0.54**
1031-07-8	**Endosulfan Sulfate**	**0.011**	**0.53**	**50-29-3**	**p,p'-DDT**	**0.011**	**0.55**
72-20-8	**Endrin**	**0.011**	**0.57**	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 6.5

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22957.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:26
Operator : JP
Sample : AC45774-009(MS:AC45774-008)
Misc : A,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:44:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.286	6.243	108.7E6	68770321	85.518m	90.932m
2)alpha-BHC	7.591	7.252	170.6E6	116.6E6	96.129	94.149m
3)gamma-BHC	8.121	7.791	162.4E6	103.6E6	97.868	98.143
4)beta-BHC	9.032	7.876	69587738	48302447	92.545	98.852
5)Heptachlor	8.388	8.228	144.6E6	75107193	94.490m	98.654
6)delta-BHC	9.352	8.365	144.8E6	98940311	95.909	91.158m
7)Aldrin	8.746	8.662	149.5E6	90860578	97.719m	93.559m
8)Heptachlor Epoxid	9.574	9.363	138.0E6	81973235	99.776m	96.399m
9)y-chlordane	9.960	9.563	143.0E6	86124723	100.175	92.527
10)a-chlordane	10.023	9.760	137.0E6	79413404	99.531	93.991
11)Endosulfan I	9.914	9.806	127.3E6	81907888	99.416	96.064
12)p,p'-DDE	10.106	10.041	139.3E6	82004801	100.256	93.832
13)Dieldrin	10.346	10.178	142.0E6	80901647	104.214	100.378
14)Endrin	10.592	10.625	118.9E6	62840912	105.552m	103.421
15)p,p'-DDD	11.027	10.704	108.7E6	61144344	99.596	98.963
16)Endosulfan II	11.145	10.832	121.7E6	76797960	103.852	103.070
17)p,p'-DDT	11.222	11.063	101.3E6	53801122	100.435	101.403
18)Endrin Aldehyde	11.625	11.213	84295284	56341078	101.007	106.385
19)Endosulfan Sulfat	11.977	11.353	103.5E6	62624058	98.514	94.697m
20)Methoxychlor	11.885	12.058	47145713	21869873	98.125	101.576
21)Endrin Ketone	12.460	12.278	107.9E6	72632300	101.325m	96.250m
22)DCB-Surrogate	13.365	13.733	101.1E6	60859384	92.988	92.487m

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

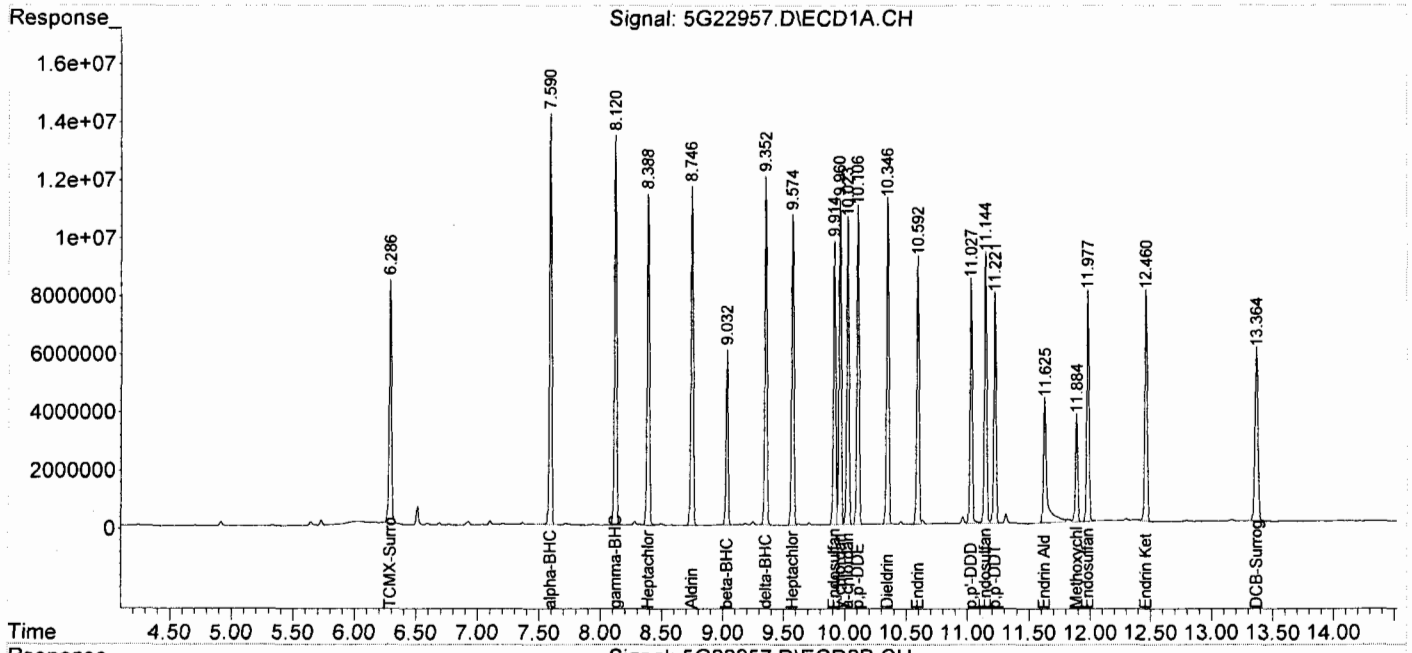
JP

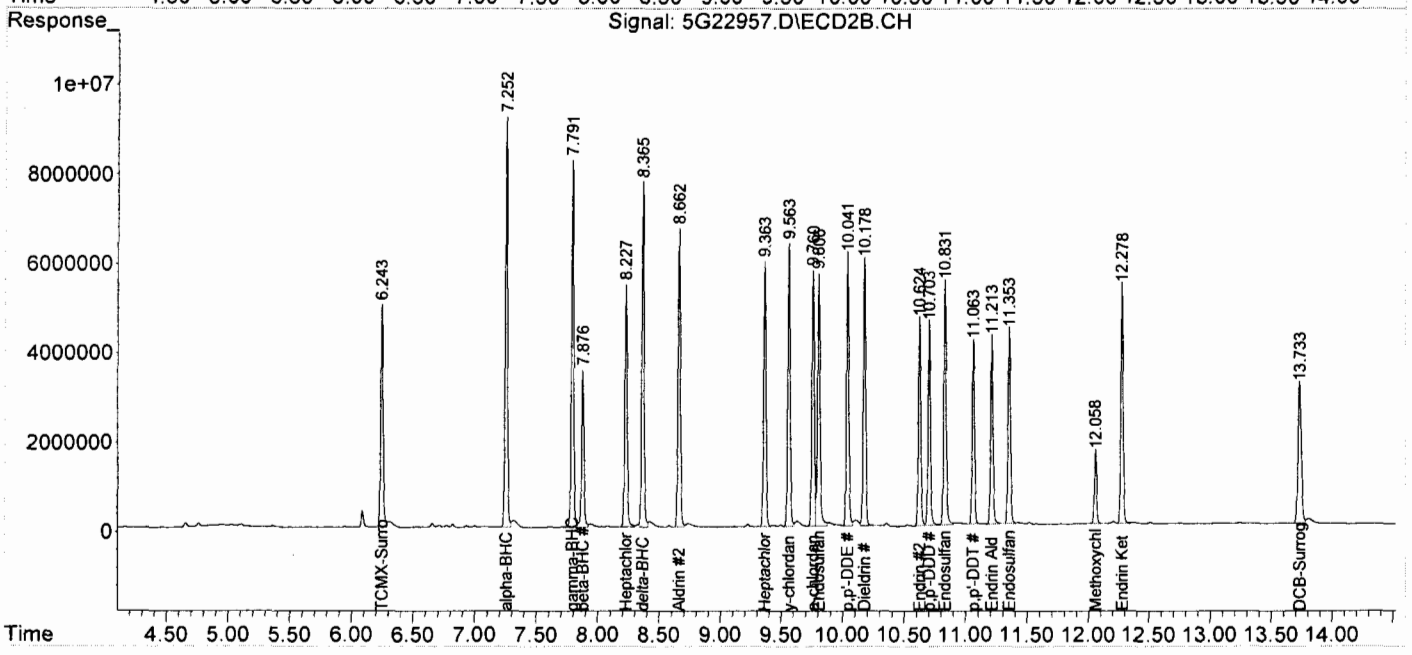
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22957.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:26
Operator : JP
Sample : AC45774-009(MS:AC45774-008)
Misc : A,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:44:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: AC45774-010(MSD:AC
Client Id: 1-30-185-GP01 (30) MSD
Data File: 5G22958.D
Analysis Date: 07/20/09 10:44
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	**Aldrin**	**0.011**	**0.49**	**7421-93-4**	**Endrin Aldehyde**	**0.011**	**0.55**
319-84-6	**alpha-BHC**	**0.011**	**0.50**	**53494-70-5**	**Endrin Ketone**	**0.011**	**0.52**
319-85-7	**beta-BHC**	**0.011**	**0.51**	**58-89-9**	**gamma-BHC**	**0.011**	**0.51**
57-74-9	Chlordane	0.11	U	**76-44-8**	**Heptachlor**	**0.011**	**0.52**
319-86-8	**delta-BHC**	**0.011**	**0.50**	**1024-57-3**	**Heptachlor Epoxide**	**0.011**	**0.52**
60-57-1	**Dieldrin**	**0.011**	**0.54**	**72-43-5**	**Methoxychlor**	**0.011**	**0.53**
959-98-8	**Endosulfan I**	**0.011**	**0.51**	**72-54-8**	**p,p'-DDD**	**0.011**	**0.51**
33213-65-9	**Endosulfan II**	**0.011**	**0.54**	**72-55-9**	**p,p'-DDE**	**0.011**	**0.52**
1031-07-8	**Endosulfan Sulfate**	**0.011**	**0.51**	**50-29-3**	**p,p'-DDT**	**0.011**	**0.53**
72-20-8	**Endrin**	**0.011**	**0.55**	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 5.7

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22958.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:44
Operator : JP
Sample : AC45774-010(MSD:AC45774-008)
Misc : A,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:46:52 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.287	6.243	98789632	62770864	77.748m	82.999m
2)alpha-BHC	7.591	7.253	164.4E6	113.0E6	92.655	91.231m
3)gamma-BHC	8.121	7.792	156.7E6	99907634	94.399	94.606
4)beta-BHC	9.032	7.877	67019776	46709652	89.130	95.593
5)Heptachlor	8.388	8.228	139.5E6	73394407	91.160	96.404
6)delta-BHC	9.352	8.365	139.6E6	96551652	92.506	88.958
7)Aldrin	8.746	8.662	140.0E6	85272915	91.483	87.805m
8)Heptachlor Epoxid	9.573	9.364	132.8E6	78351558	96.033m	92.140
9)y-chlordane	9.960	9.563	137.8E6	83195785	96.514	89.381
10)a-chlordane	10.023	9.760	132.0E6	76476801	95.910	90.516
11)Endosulfan I	9.914	9.805	122.7E6	79129301	95.783	92.805
12)p,p'-DDE	10.106	10.041	134.2E6	79153487	96.604	90.570
13)Dieldrin	10.346	10.178	137.1E6	78347469	100.589	97.209
14)Endrin	10.592	10.625	114.7E6	61006692	101.824m	100.402
15)p,p'-DDD	11.027	10.703	104.5E6	59164560	95.783	95.758
16)Endosulfan II	11.145	10.831	118.1E6	73700781	100.761	98.913
17)p,p'-DDT	11.221	11.063	97984621	52685552	97.229	99.358m
18)Endrin Aldehyde	11.625	11.213	81052539	54274195	97.121	102.482
19)Endosulfan Sulfat	11.977	11.353	100.4E6	60458289	95.571	91.422m
20)Methoxychlor	11.885	12.058	45609830	21243575	94.929	98.667
21)Endrin Ketone	12.461	12.277	103.8E6	70290495	97.515	93.147m
22)DCB-Surrogate	13.365	13.733	96936667	58135578	89.142	88.348m

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

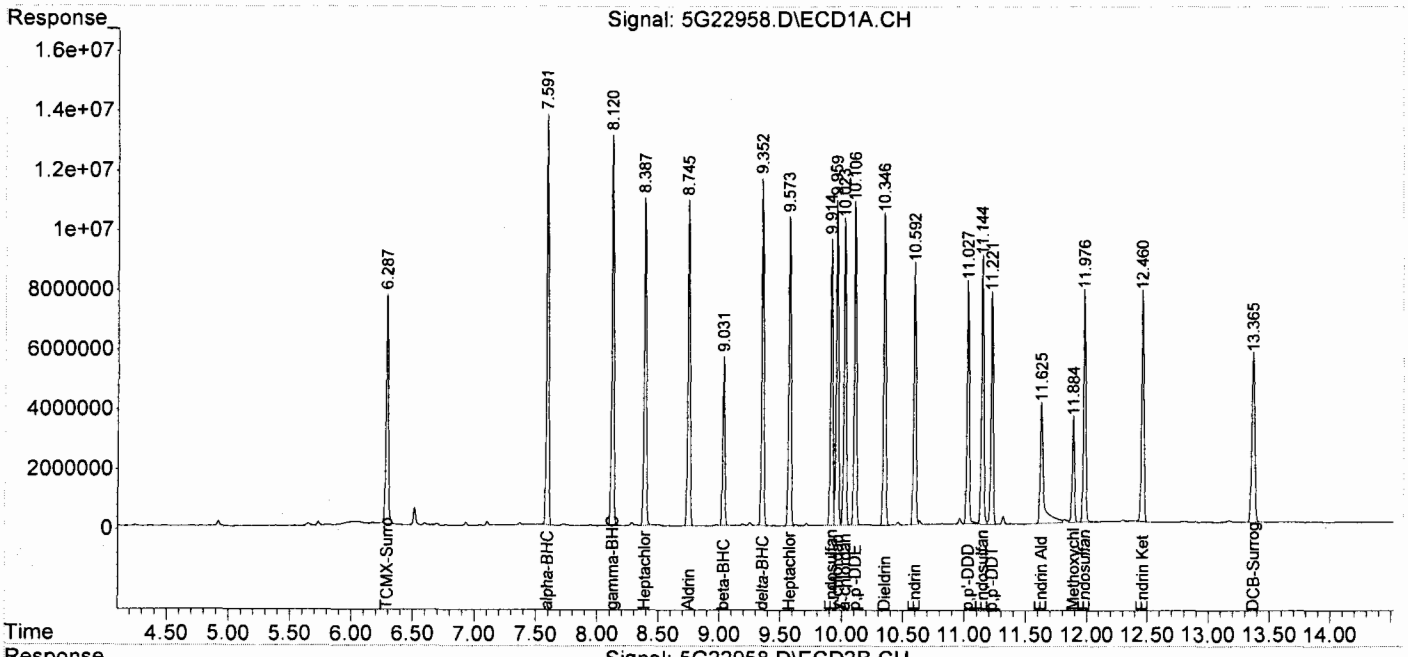
JP

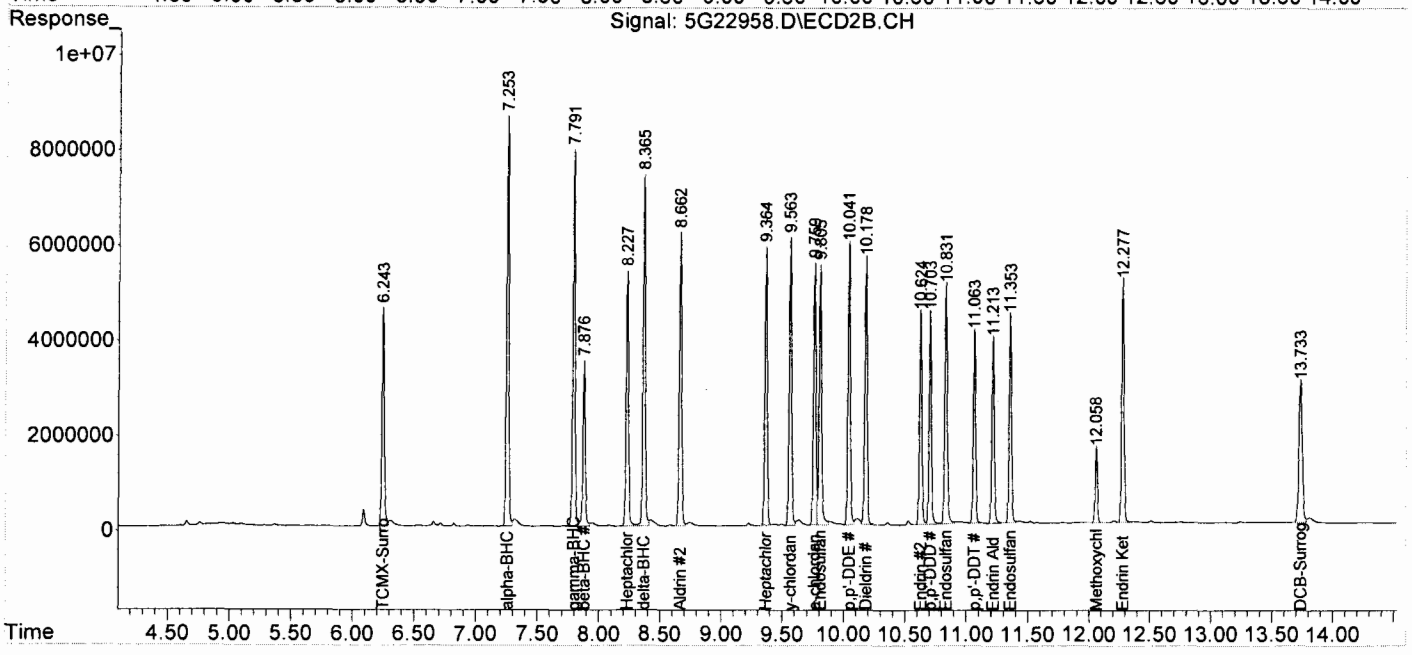
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22958.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:44
Operator : JP
Sample : AC45774-010(MSD:AC45774-008)
Misc : A,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:46:52 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: AC45774-011
Client Id: 1-30-185-GP02 (30)
Data File: 5G22965.D
Analysis Date: 07/20/09 12:55
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 940ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22965.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:55
Operator : JP
Sample : AC45774-011
Misc : A,PEST
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:28:34 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.287	6.243	105.5E6	66856442	83.019m	88.401m
22)DCB-Surrogate	13.366	13.735	60224663	35458256	55.382	53.885m

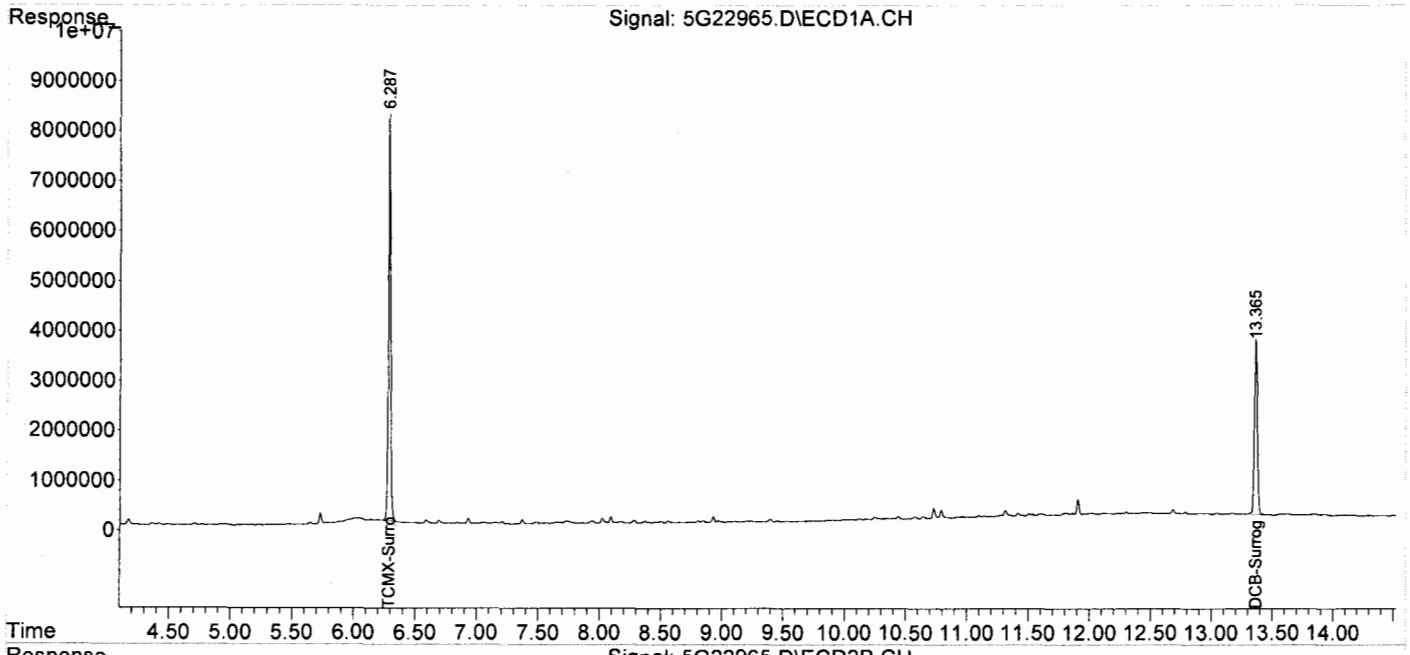
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

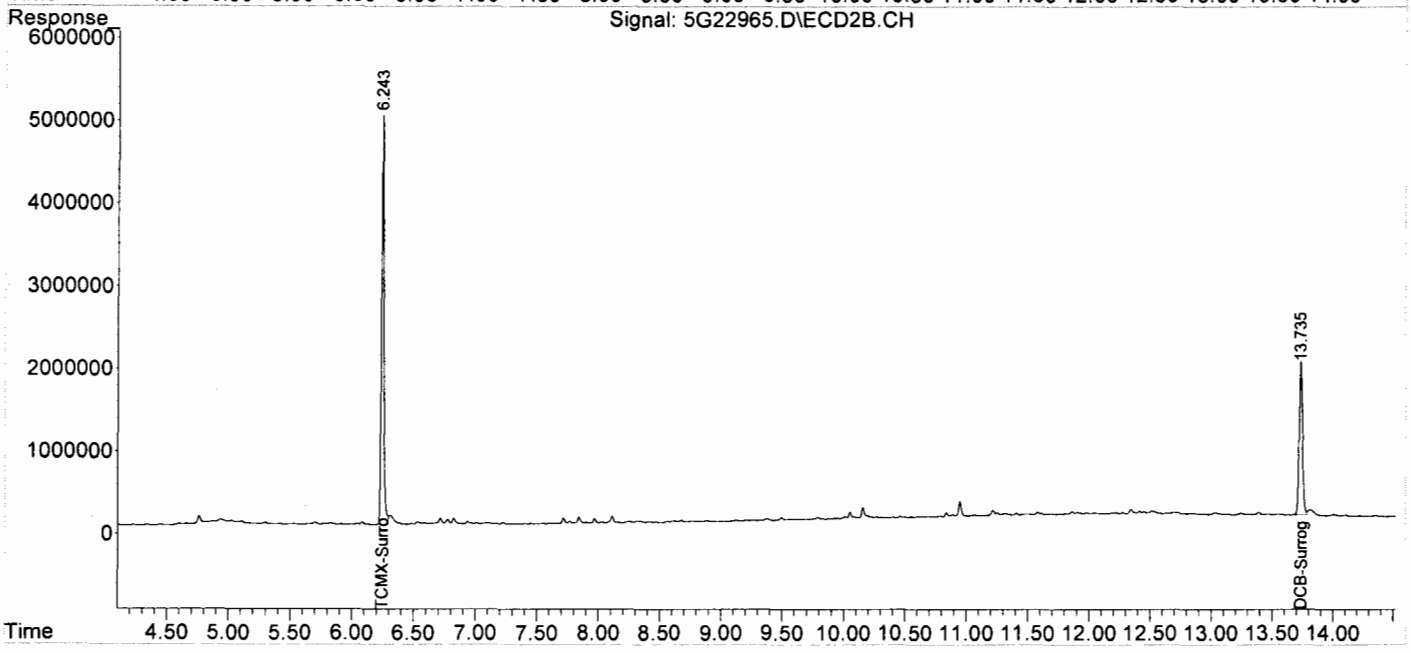
SP

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22965.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 12:55
Operator : JP
Sample : AC45774-011
Misc : A,PEST
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:28:34 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: AC45774-012
Client Id: 1-30-185-GP03 (25)
Data File: 5G22966.D
Analysis Date: 07/20/09 13:13
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 920ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22966.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:13
Operator : JP
Sample : AC45774-012
Misc : A,PEST
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:29:31 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.287	6.243	104.2E6	65131776	82.020m	86.121m
22)	DCB-Surrogate	13.366	13.735	80752801	46839096	74.259m	71.181m

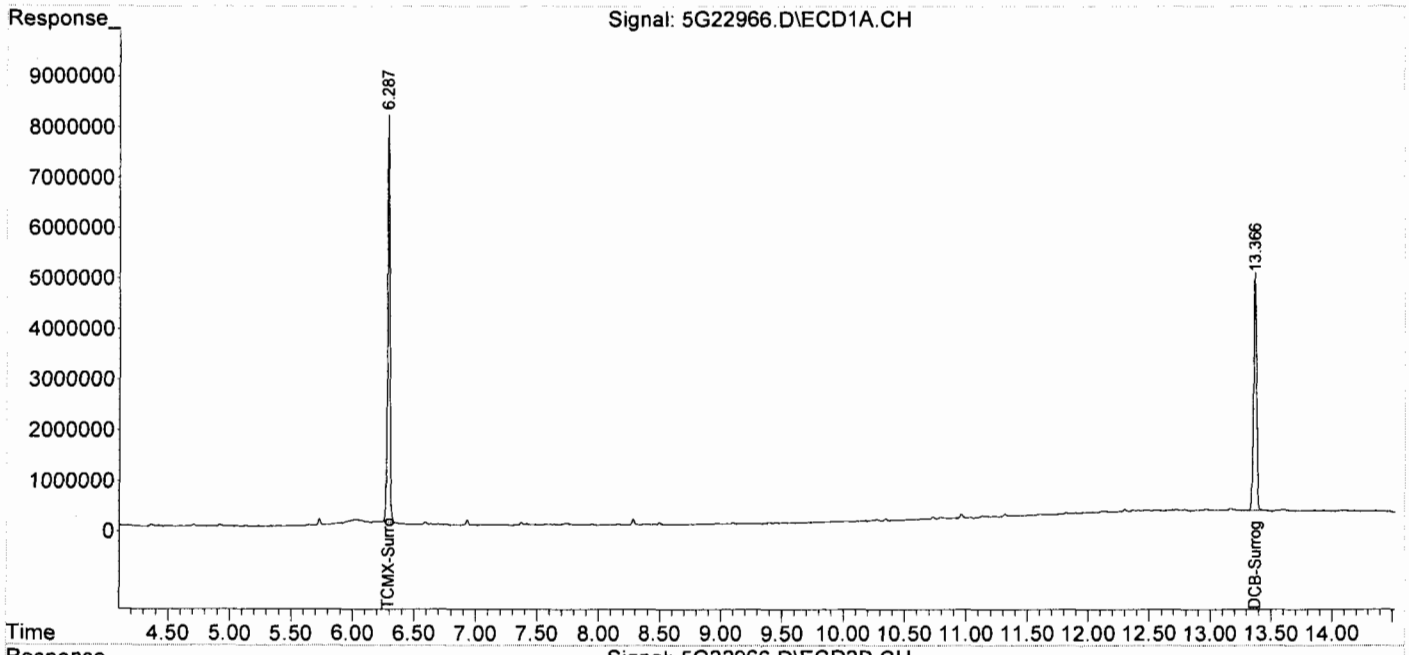
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

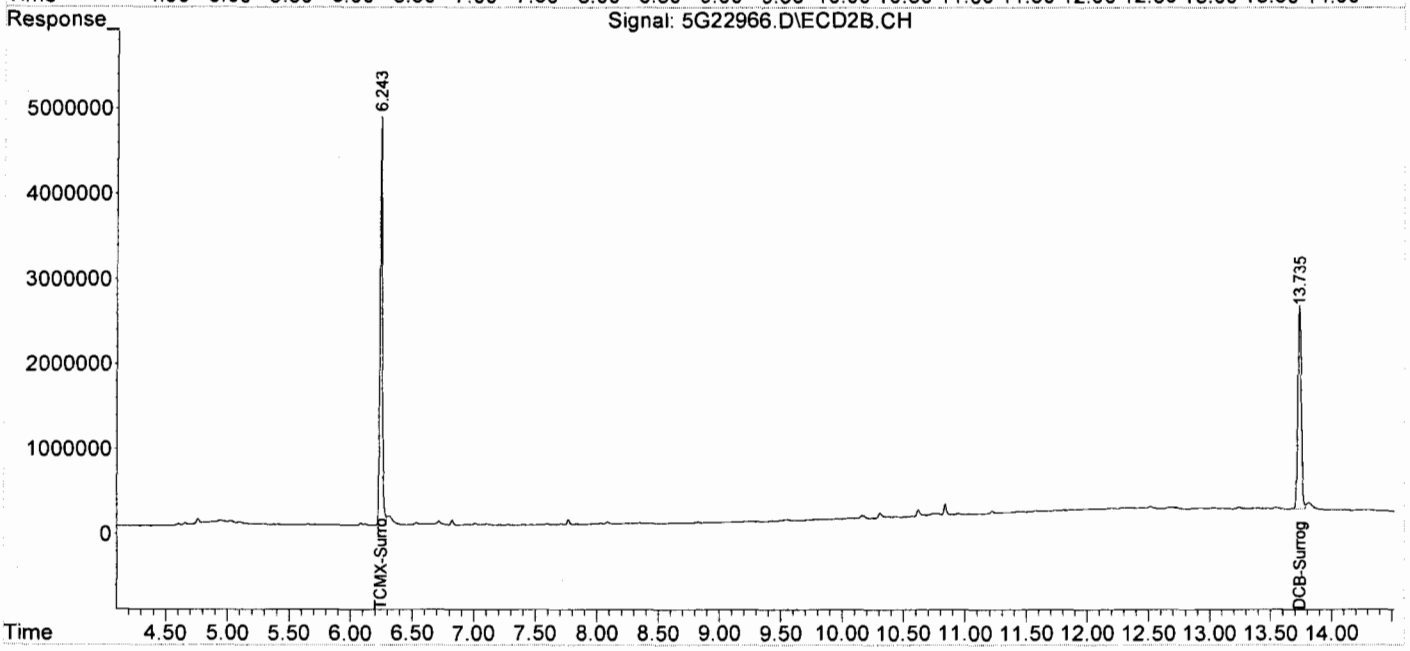
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22966.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:13
Operator : JP
Sample : AC45774-012
Misc : A,PEST
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:29:31 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: AC45774-013
Client Id: 1-30-185-GP04 (25)
Data File: 5G22967.D
Analysis Date: 07/20/09 13:31
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.26	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22967.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:31
Operator : JP
Sample : AC45774-013
Misc : A,PEST
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:30:05 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.287	6.243	106.7E6	67968745	83.970m	89.872m
22)DCB-Surrogate	13.365	13.734	84280675	49472097	77.503	75.182m

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

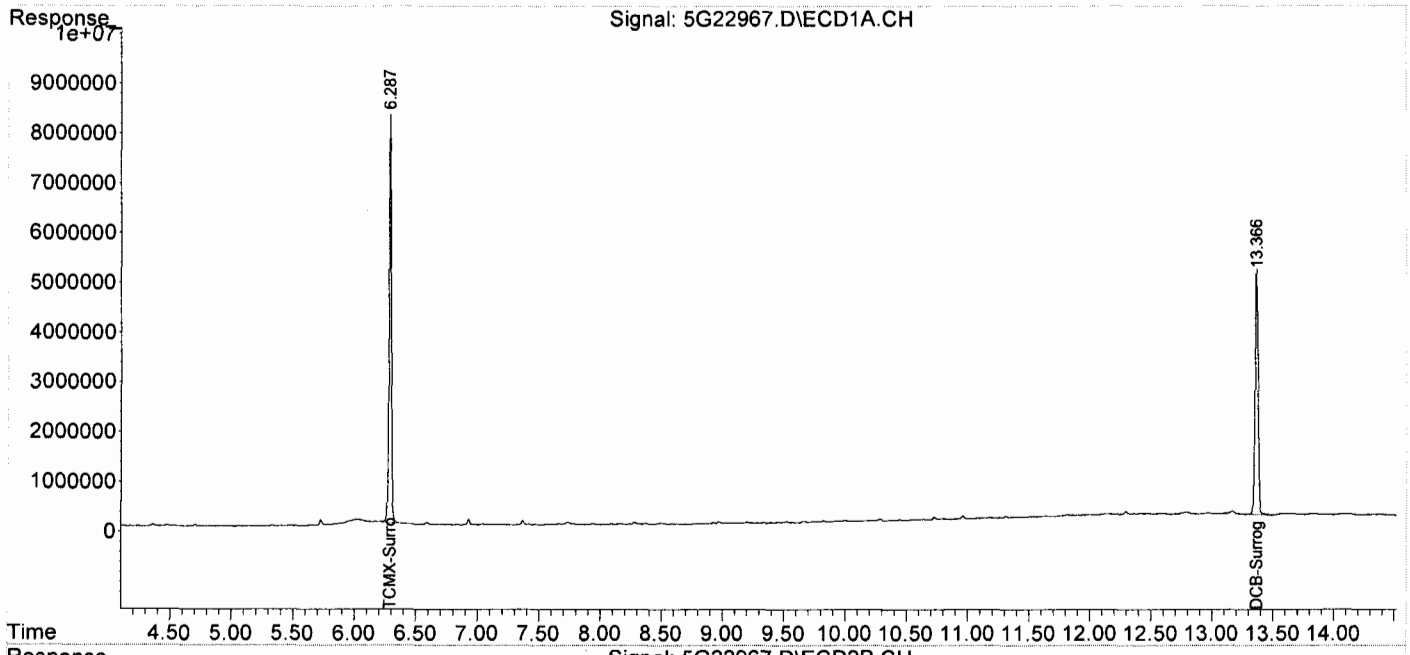
DP

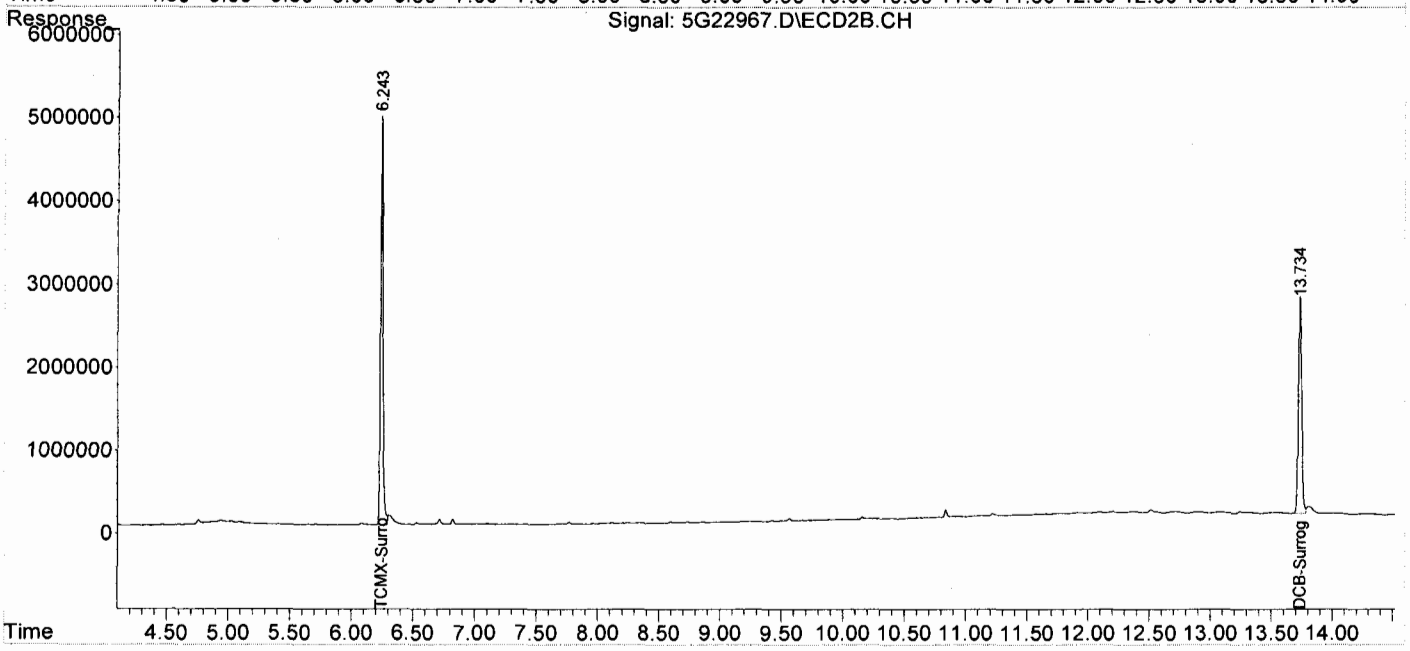
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22967.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:31
Operator : JP
Sample : AC45774-013
Misc : A,PEST
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:30:05 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: AC45774-014
Client Id: 1-30-185-GP05 (25)
Data File: 5G22968.D
Analysis Date: 07/20/09 13:49
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:49
Operator : JP
Sample : AC45774-014
Misc : A,PEST
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:30:45 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.287	6.243	98212029	62472213	77.293	82.604m
22)DCB-Surrogate	13.365	13.733	82018361	48586333	75.423	73.836m

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

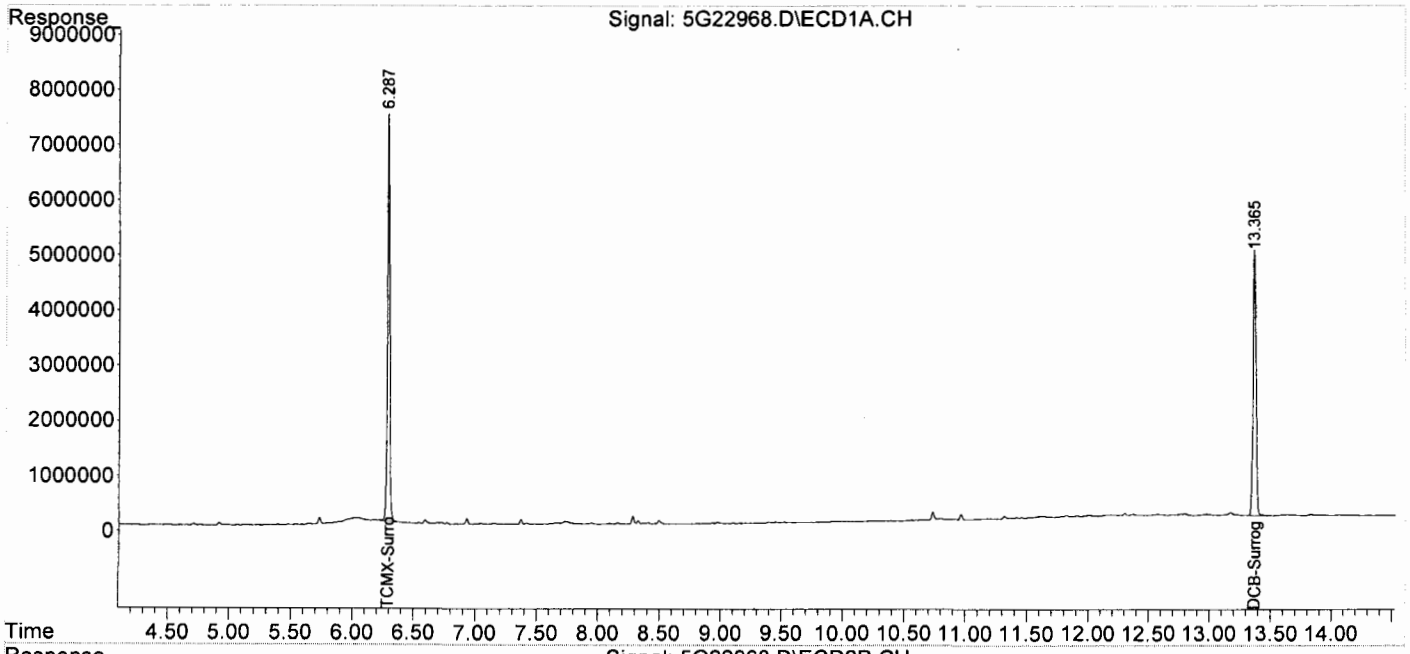
SP

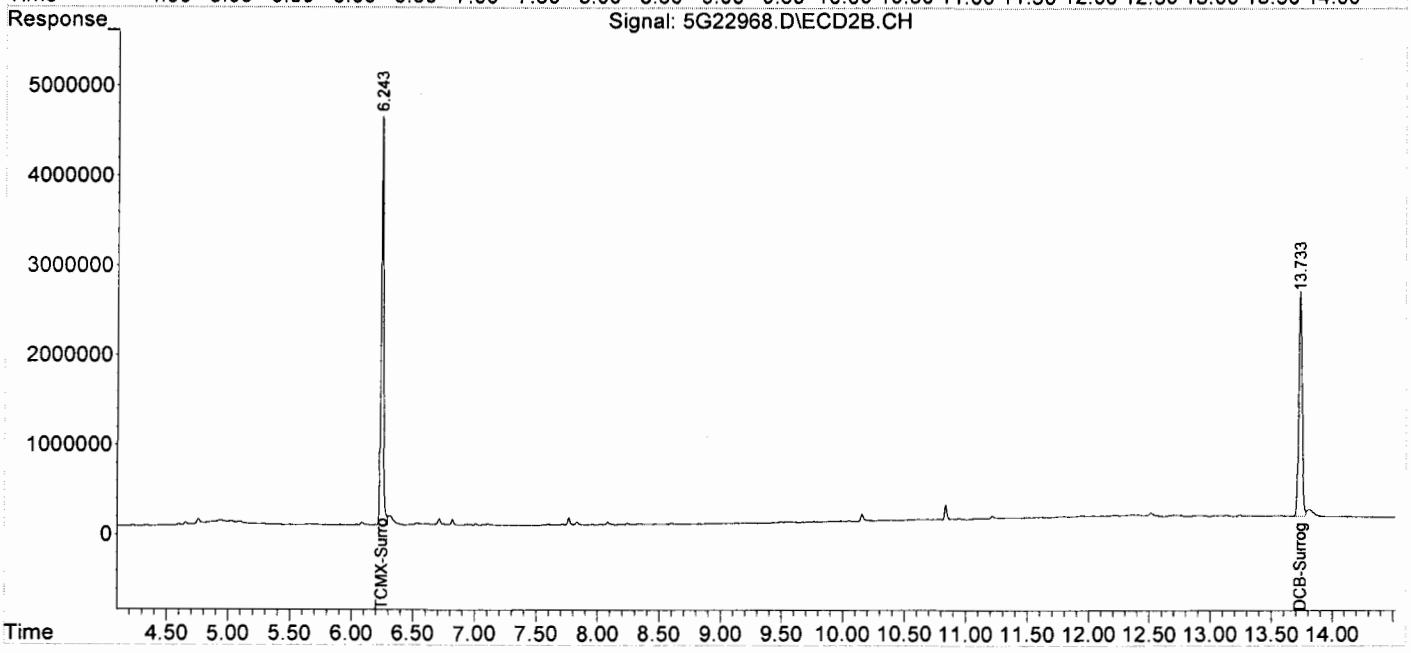
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 13:49
Operator : JP
Sample : AC45774-014
Misc : A,PEST
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:30:45 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: AC45774-015
Client Id: 1-30-185-SB-DUP01
Data File: 6G15733.D
Analysis Date: 07/20/09 10:44
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	U	7421-93-4	Endrin Aldehyde	0.0053	U
319-84-6	alpha-BHC	0.0011	U	53494-70-5	Endrin Ketone	0.0053	U
319-85-7	beta-BHC	0.0011	U	58-89-9	gamma-BHC	0.0011	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0053	U
319-86-8	delta-BHC	0.0053	U	1024-57-3	Heptachlor Epoxide	0.0053	U
60-57-1	Dieldrin	0.0011	U	72-43-5	Methoxychlor	0.0053	U
959-98-8	Endosulfan I	0.0053	U	72-54-8	p,p'-DDD	0.0026	U
33213-65-9	Endosulfan II	0.0053	U	72-55-9	p,p'-DDE	0.0026	U
1031-07-8	Endosulfan Sulfate	0.0053	U	50-29-3	p,p'-DDT	0.0026	U
72-20-8	Endrin	0.0053	U	8001-35-2	Toxaphene	0.026	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15733.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:44
Operator : JP
Sample : AC45774-015
Misc : S,PEST
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 13:11:27 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.719	3.668	1642568	2266938	89.206m	137.429m#
22)DCB-Surrogate	10.534	10.880	1680718	1544193	99.949	98.416

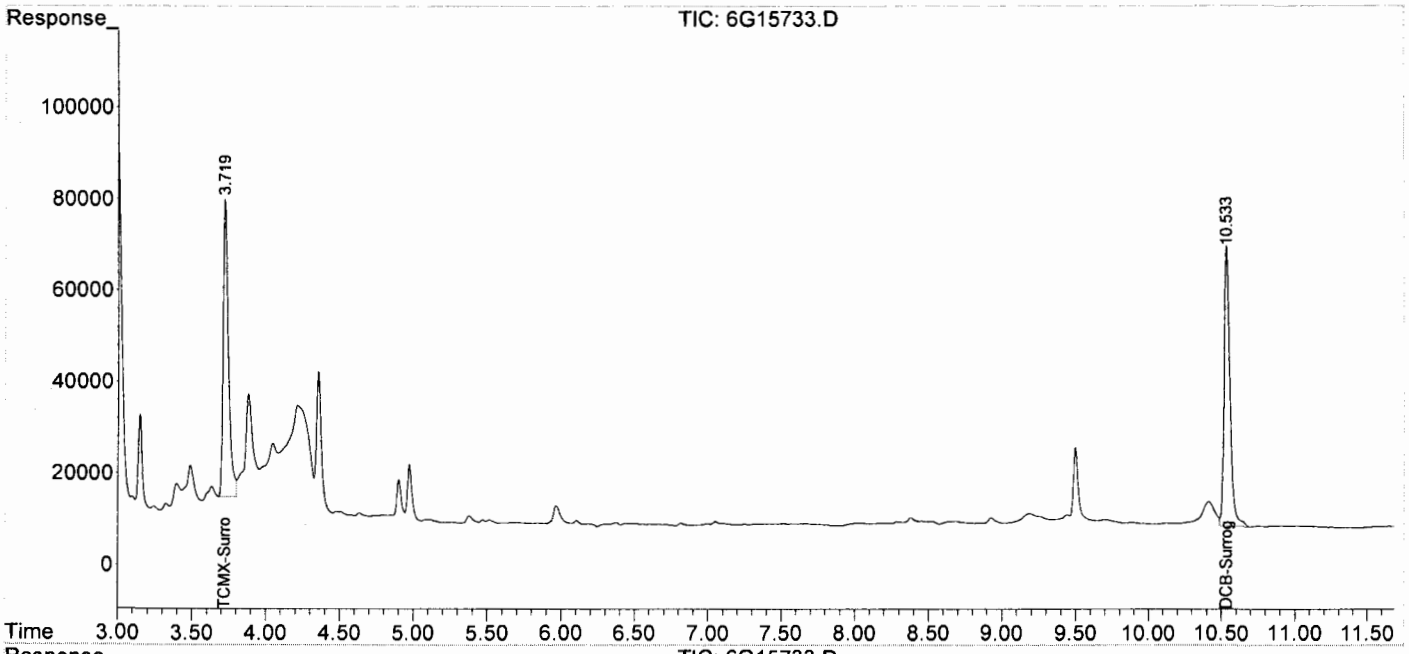
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

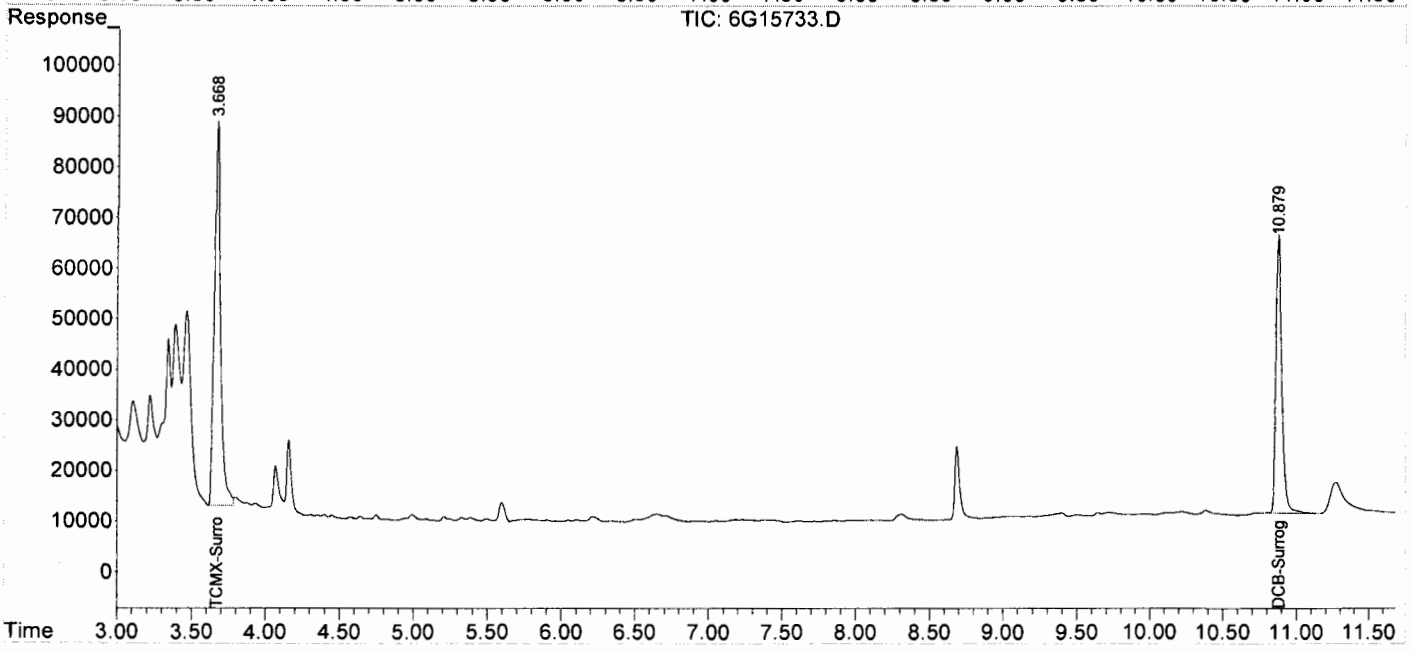
DP

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15733.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:44
Operator : JP
Sample : AC45774-015
Misc : S,PEST
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 13:11:27 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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: AC45774-016
Client Id: 1-30-185-GP-DUP01
Data File: 5G22969.D
Analysis Date: 07/20/09 14:07
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.26	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22969.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 14:07
Operator : JP
Sample : AC45774-016
Misc : A,PEST
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:31:26 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.287	6.243	103.4E6	65685647	81.413m	86.853m
22)	DCB-Surrogate	13.366	13.735	61292954	36269682	56.364	55.118m

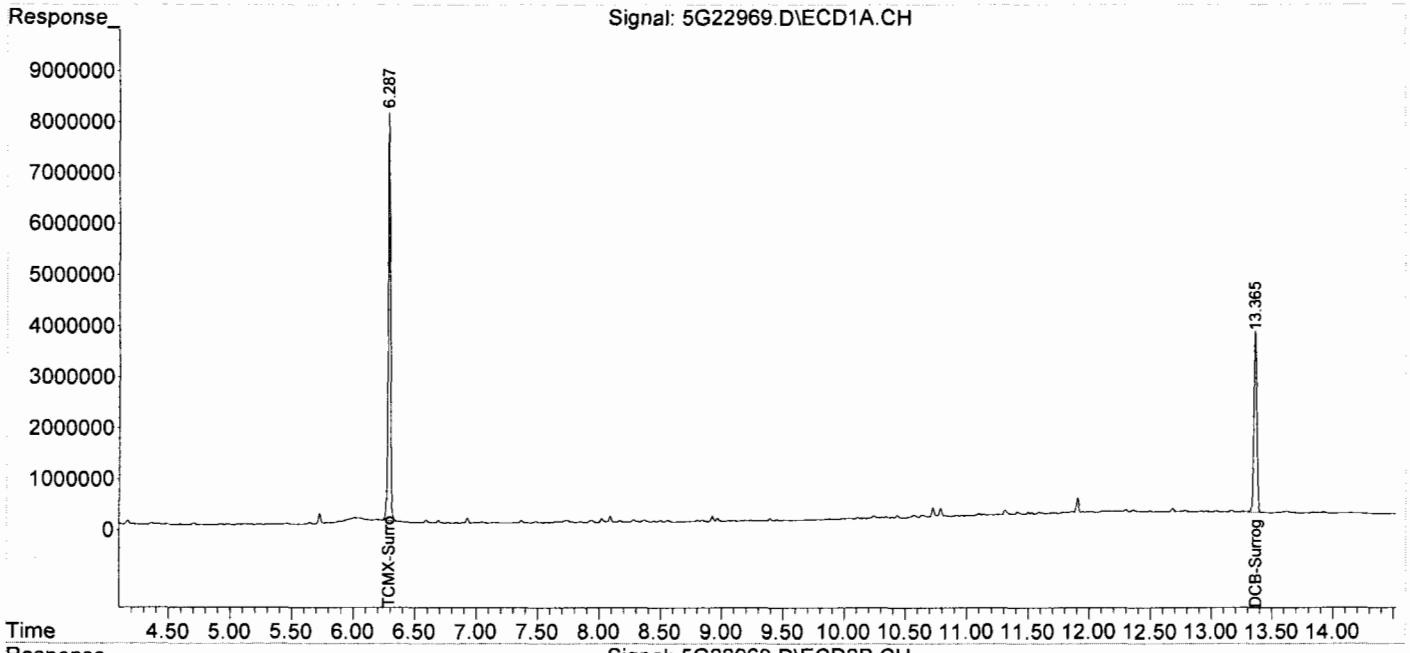
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

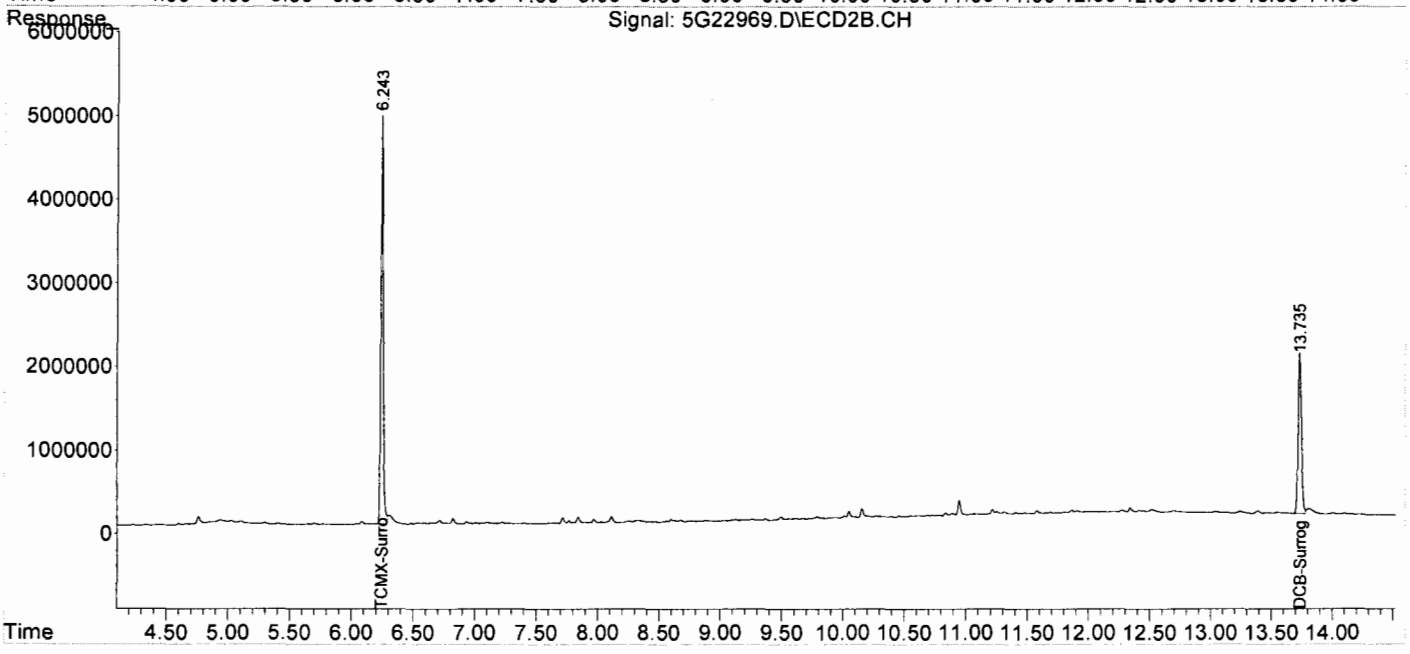
SP

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22969.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 14:07
Operator : JP
Sample : AC45774-016
Misc : A,PEST
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:31:26 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: AC45774-017
Client Id: 1-30-185-Rinsate 01
Data File: 5G22970.D
Analysis Date: 07/20/09 14:25
Date Rec/Extracted: 07/15/09-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.011	U	7421-93-4	Endrin Aldehyde	0.011	U
319-84-6	alpha-BHC	0.011	U	53494-70-5	Endrin Ketone	0.011	U
319-85-7	beta-BHC	0.011	U	58-89-9	gamma-BHC	0.011	U
57-74-9	Chlordane	0.11	U	76-44-8	Heptachlor	0.011	U
319-86-8	delta-BHC	0.011	U	1024-57-3	Heptachlor Epoxide	0.011	U
60-57-1	Dieldrin	0.011	U	72-43-5	Methoxychlor	0.011	U
959-98-8	Endosulfan I	0.011	U	72-54-8	p,p'-DDD	0.011	U
33213-65-9	Endosulfan II	0.011	U	72-55-9	p,p'-DDE	0.011	U
1031-07-8	Endosulfan Sulfate	0.011	U	50-29-3	p,p'-DDT	0.011	U
72-20-8	Endrin	0.011	U	8001-35-2	Toxaphene	0.27	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22970.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 14:25
Operator : JP
Sample : AC45774-017
Misc : A,PEST
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:47:43 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.286	6.243	109.7E6	67994023	86.358m	89.906m
22)	DCB-Surrogate	13.366	13.735	57645982	35416844	53.011	53.822m

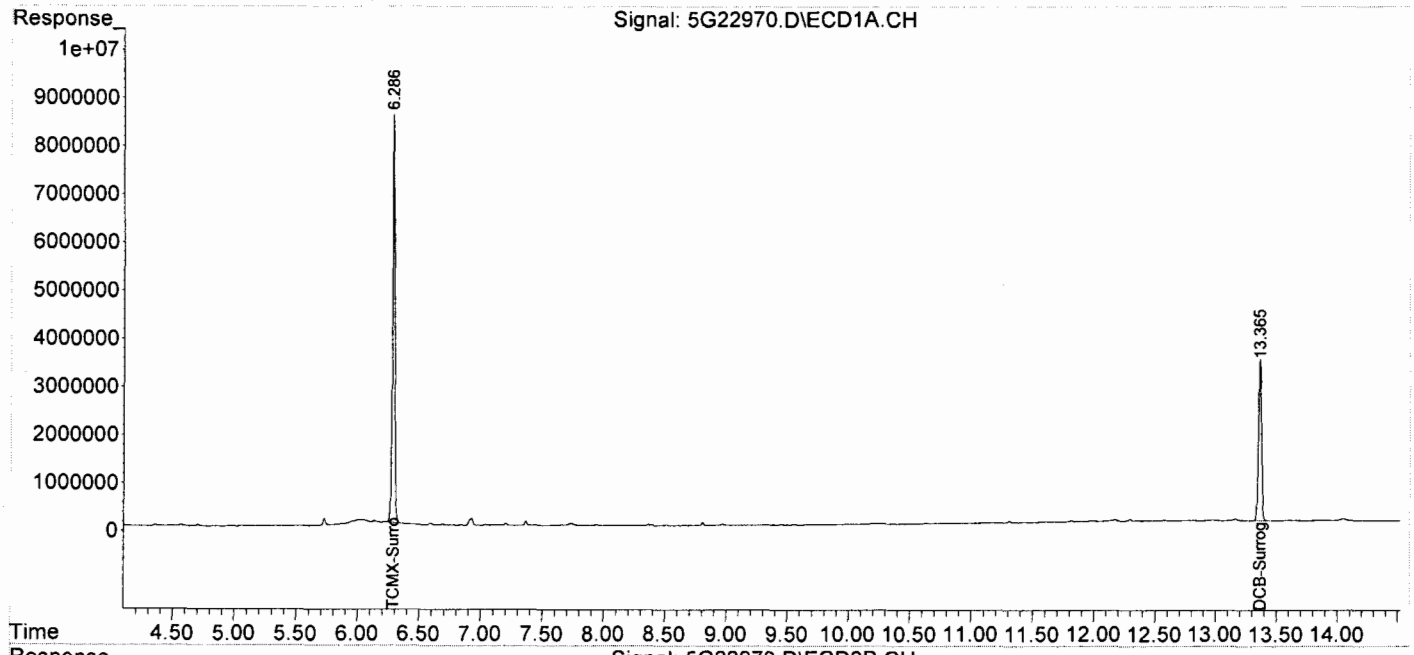
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

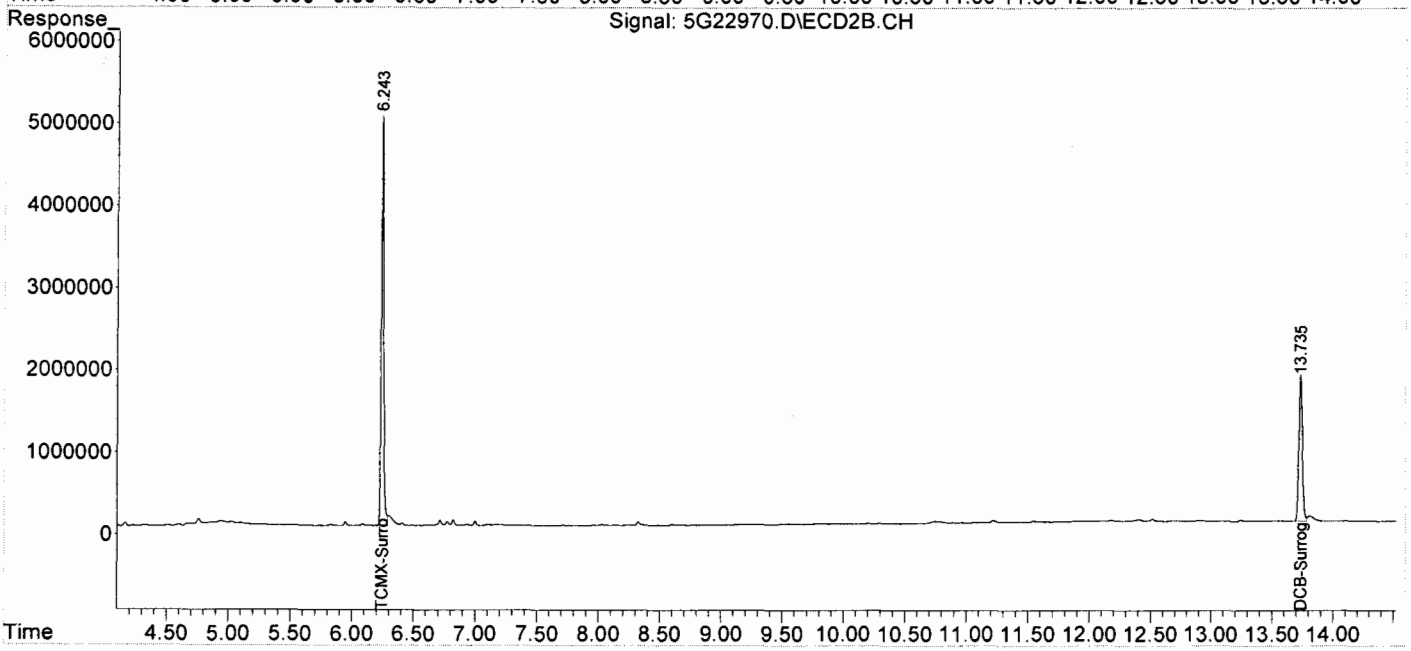
DP

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22970.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 14:25
Operator : JP
Sample : AC45774-017
Misc : A,PEST
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:47:43 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





GC Pesticide Data
Standards Data

Form 6
Initial Calibration

Method: EPA 8081A

Instrument: GC_5

8060

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G22865.	CAL PEST@2PPB	07/09/09 04:14	2	5G22864.	CAL PEST@10PPB	07/09/09 03:55
3	5G22863.	CAL PEST@50PPB	07/09/09 03:37	4	5G22862.	CAL PEST@100PPB	07/09/09 03:19
5	5G22866.	CAL PEST@200PPB	07/09/09 04:32	6	5G22867.	CAL PEST@400PPB	07/09/09 04:50
7	5G22868.	CAL CHLO@100PPB	07/09/09 05:08	8	5G22869.	CAL TOX@500PPB	07/09/09 05:26

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	137.16	130.45	125.02	127.19	124.11	118.42	----	----	127	6.29	0.999	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Avg	165.73	172.64	177.42	184.38	184.08	180.42	----	----	177	7.60	1.00	1.00	4.1	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Avg	161.82	162.97	164.99	170.39	169.60	165.89	----	----	166	8.13	1.00	1.00	2.1	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	Avg	86.269	76.118	72.680	73.948	72.574	69.566	----	----	75.2	9.04	0.999	1.00	7.8	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	Avg	162.09	154.47	150.22	150.78	153.07	147.78	----	----	153	8.40	1.00	1.00	3.3	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Avg	145.11	145.99	150.07	156.63	155.66	152.23	----	----	151	9.36	1.00	1.00	3.2	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	Avg	153.18	153.71	153.23	155.88	154.19	147.73	----	----	153	8.75	0.999	1.00	1.8	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	Avg	147.38	140.38	136.49	138.13	136.44	130.92	----	----	138	9.58	1.00	1.00	3.9	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Avg	146.53	140.88	138.08	145.16	145.06	140.86	----	----	143	9.97	1.00	1.00	2.3	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	Avg	144.60	136.76	133.00	138.82	138.34	134.24	----	----	138	10.03	1.00	1.00	3.0	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Avg	136.08	129.86	124.50	128.44	126.99	122.45	----	----	128	9.92	1.00	1.00	3.7	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	Avg	136.56	137.83	137.21	141.85	142.03	137.97	----	----	139	10.12	1.00	1.00	1.7	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Avg	136.64	134.68	134.51	138.13	138.93	134.59	----	----	136	10.36	1.00	1.00	1.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	Avg	114.98	110.40	108.80	113.91	115.39	112.17	----	----	113	10.60	1.00	1.00	2.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	Avg	110.42	106.12	106.20	109.76	112.59	109.48	----	----	109	11.04	1.00	1.00	2.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	Avg	124.00	117.34	114.70	111.38	119.50	116.30	----	----	117	11.15	1.00	1.00	3.7	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	79.229	84.452	91.540	97.306	104.67	105.19	----	----	93.7	11.23	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Avg	87.784	83.832	81.961	82.542	83.388	81.222	----	----	83.5	11.64	1.00	1.00	2.8	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	Avg	112.15	102.34	100.82	104.34	106.66	103.99	----	----	105	11.99	1.00	1.00	3.8	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Avg	47.271	46.019	45.372	47.270	51.275	51.069	----	----	48.0	11.90	1.00	1.00	5.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	108.94	102.55	102.90	105.95	109.88	108.60	----	----	106	12.47	1.00	1.00	3.0	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Avg	125.15	110.21	102.40	104.54	106.34	103.80	----	----	109	13.38	1.00	1.00	7.8	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	7.69	8.40	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	16.8	9.97	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	24.1	10.03	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	0.899	10.85	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	2.17	11.18	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	1.61	11.49	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	2.22	11.92	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	0.630	11.99	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	LinF	96.560	83.823	80.415	80.590	79.150	74.357	----	----	82.5	6.24	0.999	1.00	9.2	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	Avg	118.00	122.46	124.94	126.86	128.05	122.77	----	----	124	7.25	1.00	1.00	2.9	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	109.94	103.82	104.48	106.36	107.61	101.38	----	----	106	7.79	0.999	1.00	2.9	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	LinF	60.509	54.147	50.666	50.110	50.718	48.289	----	----	52.4	7.88	0.999	1.00	8.4	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	LinF	93.271	75.904	72.568	71.735	78.659	75.830	----	----	78.0	8.23	0.999	0.999	10	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	106.74	105.84	108.16	109.74	112.94	107.78	----	----	109	8.37	0.999	1.00	2.3	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 3.89 Avg Rsd Col 2: 6.12

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Form 6
Initial Calibration

Method: EPA 8081A

Instrument: GC_5

6060

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G22865.	CAL PEST@2PPB	07/09/09 04:14	2	5G22864.	CAL PEST@10PPB	07/09/09 03:55
3	5G22863.	CAL PEST@50PPB	07/09/09 03:37	4	5G22862.	CAL PEST@100PPB	07/09/09 03:19
5	5G22866.	CAL PEST@200PPB	07/09/09 04:32	6	5G22867.	CAL PEST@400PPB	07/09/09 04:50
7	5G22868.	CAL CHLO@100PPB	07/09/09 05:08	8	5G22869.	CAL TOX@500PPB	07/09/09 05:26

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	104.33	97.242	96.144	96.599	97.341	91.034	----	---	97.1	8.66	0.999	1.00	4.4	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	Avg	94.295	86.213	82.991	82.962	84.090	79.657	----	---	85.0	9.37	0.999	1.00	5.9	2.00	10.00	50.00	100.0	200.0	400.0		
γ-chlordane	2	0	Avg	104.17	92.586	89.851	90.828	92.778	88.261	----	---	93.1	9.56	0.999	1.00	6.1	2.00	10.00	50.00	100.0	200.0	400.0		
α-chlordane	2	0	Avg	95.381	84.105	81.383	82.550	84.274	79.246	----	---	84.5	9.76	0.999	1.00	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	Avg	96.965	87.018	83.097	82.470	83.347	78.682	----	---	85.3	9.81	0.999	1.00	7.4	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	Avg	90.757	86.875	86.515	86.733	88.841	84.647	----	---	87.4	10.04	0.999	1.00	2.4	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Avg	85.480	79.743	78.741	79.256	82.034	78.327	----	---	80.6	10.18	0.999	1.00	3.4	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	66.086	59.567	57.414	59.309	62.224	59.972	----	---	60.8	10.63	1.00	1.00	5.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Avg	64.097	60.654	59.309	59.653	64.269	62.727	----	---	61.8	10.71	1.00	1.00	3.6	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	Avg	80.556	74.850	72.071	72.989	74.580	72.014	----	---	74.5	10.83	1.00	1.00	4.3	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Qua	45.138	43.628	46.435	49.345	56.585	57.300	----	---	49.7	11.07	0.999	0.999	12	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	LinF	67.782	56.922	52.577	52.020	54.240	52.701	----	---	56.0	11.22	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	Avg	71.874	65.379	63.466	64.764	66.455	64.845	----	---	66.1	11.36	1.00	1.00	4.5	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	Avg	22.174	21.056	19.759	20.141	22.971	23.080	----	---	21.5	12.06	0.999	0.999	6.6	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	81.692	74.740	72.206	73.091	76.685	74.353	----	---	75.5	12.28	1.00	1.00	4.5	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	LinF	86.017	73.497	66.021	65.803	67.984	65.249	----	---	70.8	13.74	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	----	----	----	---	----	----	----	---	4.19	8.23	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	----	---	----	----	---	----	----	---	11.9	9.57	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	----	----	----	----	---	----	----	----	8.91	9.76	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	----	---	----	----	---	----	----	----	0.519	10.51	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	----	----	----	----	----	----	----	---	0.930	10.87	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	----	----	---	----	----	----	----	---	1.27	11.11	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	----	----	---	----	---	----	----	---	1.23	11.82	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	----	----	---	----	---	----	----	---	1.02	11.89	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 3.89 Avg Rsd Col 2: 6.12

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pch/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22865.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 4:14
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:12:22 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.291	6.243	2743352	1931213	2.282m	2.466m
2)alpha-BHC	7.596	7.253	3314790	2360086	1.846m	1.841m
3)gamma-BHC	8.127	7.792	3236505	2198864	1.973	1.993
4)beta-BHC	9.039	7.877	1725393	1210189	2.397m	2.447
5)Heptachlor	8.394	8.229	3241956	1865439	2.099m	2.295
6)delta-BHC	9.359	8.366	2902395	2134801	1.961m	1.973
7)Aldrin	8.753	8.664	3063768	2086683	2.052	2.127
8)Heptachlor Epoxid	9.582	9.365	2947643	1885917	2.207m	2.207m
9)y-chlordane	9.968	9.565	2930747	2083484	2.159	2.238
10)a-chlordane	10.031	9.761	2892067	1907630	2.216	2.200
11)Endosulfan I	9.921	9.808	2721764	1939318	2.206m	2.332
12)p,p'-DDE	10.115	10.043	2731311	1815155	2.066	2.080
13)Dieldrin	10.354	10.181	2732802	1709602	2.100m	2.172
14)Endrin	10.600	10.628	2299674	1321722	2.027m	2.004
15)p,p'-DDD	11.037	10.706	2208571	1281947	2.097	2.041
16)Endosulfan II	11.154	10.834	2480173	1611139	2.268	2.173
17)p,p'-DDT	11.232	11.065	1584592	902778	1.652	1.635m
18)Endrin Aldehyde	11.636	11.216	1755698	1355644	2.264m	2.599
19)Endosulfan Sulfat	11.988	11.358	2243155	1437487	2.325	2.220
20)Methoxychlor	11.897	12.061	945421	443481	1.974	1.818m
21)Endrin Ketone	12.472	12.282	2178851	1633850	2.069	2.264
22)DCB-Surrogate	13.378	13.739	2503104	1720354	2.444	2.640m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

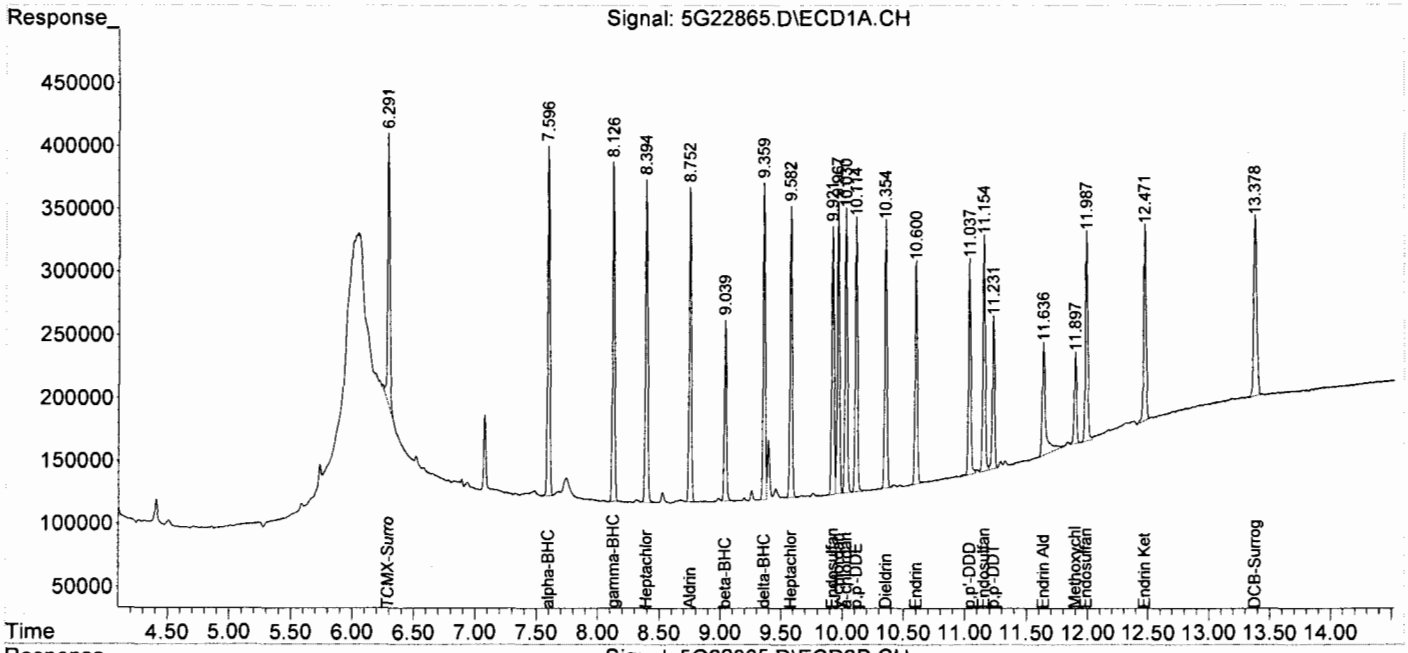
9P

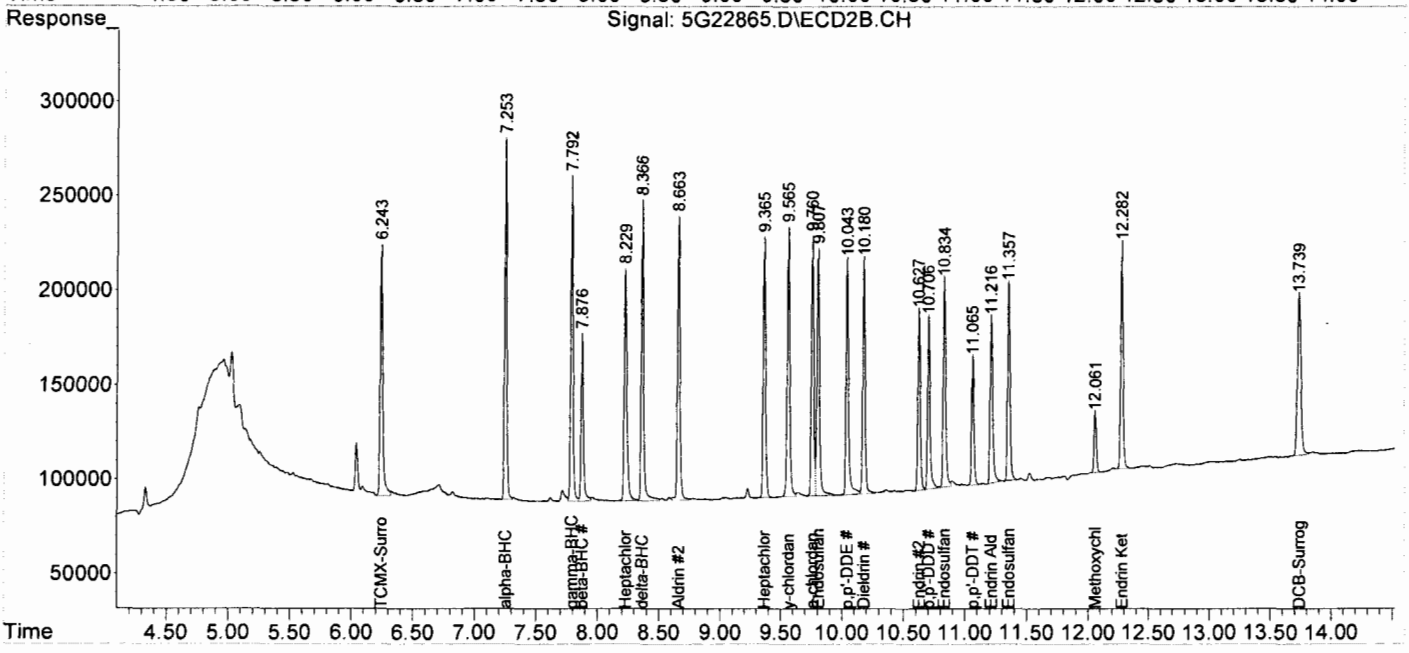
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22865.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 4:14
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:12:22 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22864.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 3:55
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:10:16 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.291	6.244	13045372	8382379	10.850m	10.706m
2)alpha-BHC	7.596	7.253	17264023	12246410	9.616m	9.553m
3)gamma-BHC	8.127	7.793	16297748	10382596	9.937	9.409
4)beta-BHC	9.039	7.877	7611856	5414752	10.573	10.950
5)Heptachlor	8.395	8.230	15447788	7590452	9.999	9.337
6)delta-BHC	9.359	8.366	14599827	10584946	9.863m	9.785
7)Aldrin	8.753	8.664	15371197	9724252	10.294	9.913
8)Heptachlor Epoxid	9.583	9.366	14038967	8621360	10.513	10.090
9)y-chlordane	9.968	9.565	14088911	9258641	10.379	9.943
10)a-chlordane	10.031	9.761	13676211	8410507	10.480	9.700
11)Endosulfan I	9.922	9.808	12986985	8701846	10.528	10.464
12)p,p'-DDE	10.115	10.043	13783506	8687515	10.427	9.957
13)Dieldrin	10.354	10.180	13468890	7974351	10.351m	10.131
14)Endrin	10.601	10.627	11040624	5956714	9.734m	9.031
15)p,p'-DDD	11.037	10.706	10612604	6065407	10.079	9.658
16)Endosulfan II	11.154	10.834	11734369	7485029	10.732	10.097
17)p,p'-DDT	11.231	11.066	8445236	4362871	8.788	7.888
18)Endrin Aldehyde	11.636	11.216	8383241	5692234	10.810	10.915m
19)Endosulfan Sulfat	11.987	11.357	10234403	6537983	10.607	10.096m
20)Methoxychlor	11.897	12.062	4601987	2105605	9.592	8.634m
21)Endrin Ketone	12.471	12.281	10255271	7474084	9.737	10.357
22)DCB-Surrogate	13.378	13.737	11021326	7349725	10.763	11.277m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

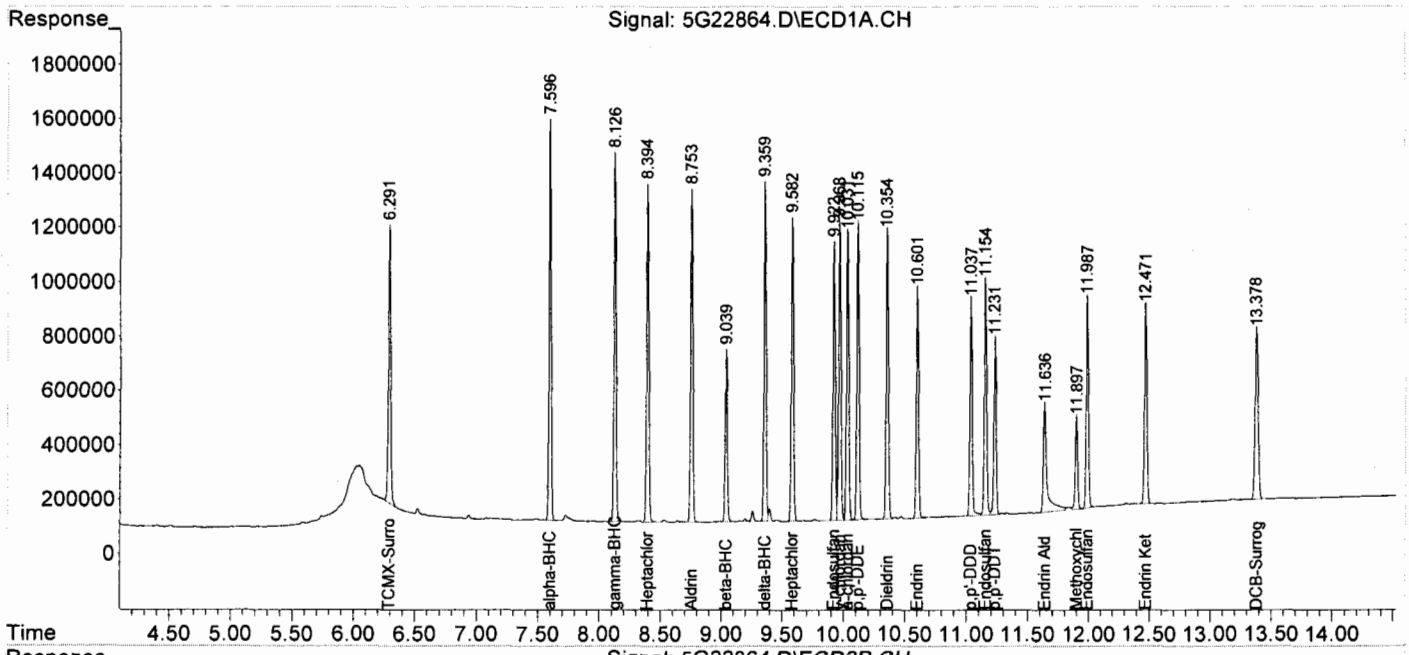
9P

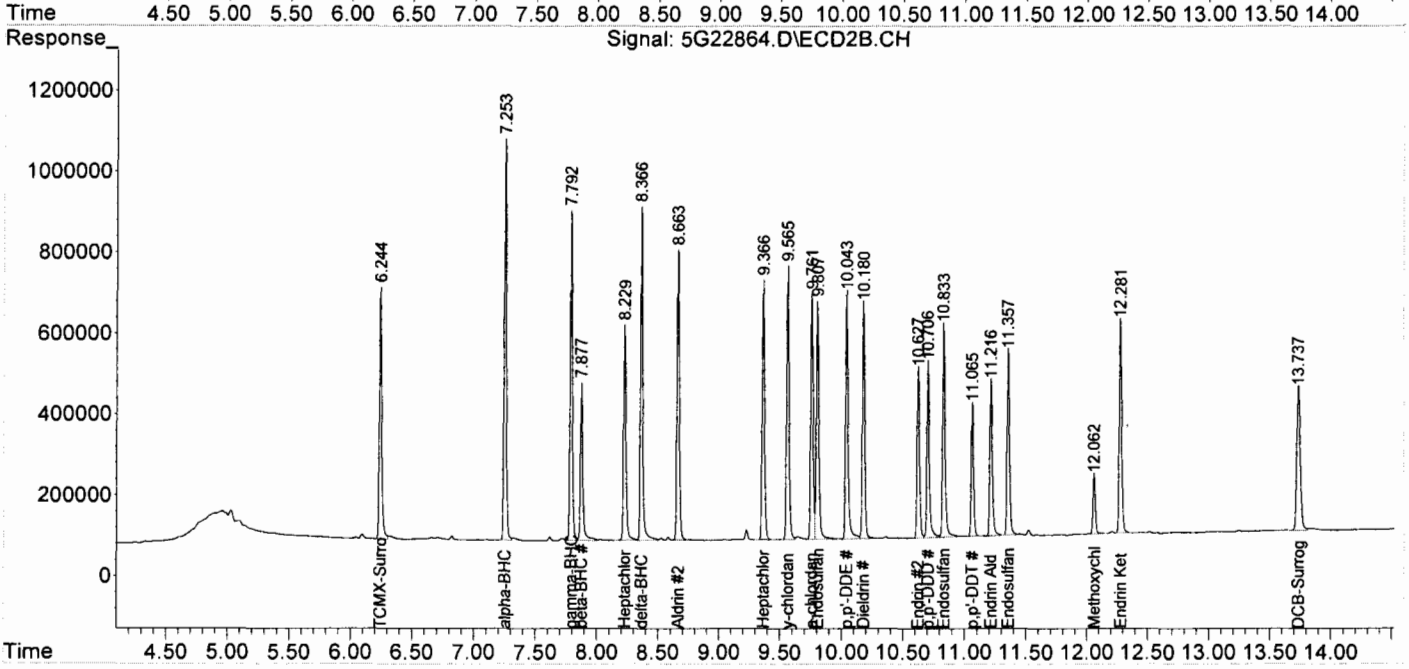
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22864.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 3:55
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:10:16 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22863.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 3:37
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:08:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.292	6.244	62513217	40207614	51.995m	51.352m
2)alpha-BHC	7.597	7.252	88711912	62471443	49.414	48.734m
3)gamma-BHC	8.127	7.792	82497419	52242680	50.299	47.342
4)beta-BHC	9.040	7.876	36340330	25333112	50.477	51.229
5)Heptachlor	8.395	8.228	75112501	36284098	48.620	44.635
6)delta-BHC	9.360	8.366	75037699	54080942	50.694m	49.992
7)Aldrin	8.753	8.663	76619463	48072218	51.312	49.005
8)Heptachlor Epoxid	9.583	9.365	68245765	41495980	51.108m	48.563
9)y-chlordane	9.969	9.564	69040299	44925566	50.861	48.247
10)a-chlordane	10.032	9.761	66502355	40691643	50.962	46.930
11)Endosulfan I	9.923	9.807	62253817	41548990	50.466	49.963
12)p,p'-DDE	10.115	10.043	68606705	43257522	51.902	49.577
13)Dieldrin	10.355	10.179	67255006	39370903	51.688	50.020
14)Endrin	10.602	10.626	54403552	28707101	47.963	43.524
15)p,p'-DDD	11.038	10.706	53103928	29654994	50.432	47.219
16)Endosulfan II	11.155	10.833	57350169	36035802	52.451	48.612
17)p,p'-DDT	11.233	11.065	45770492	23217731	47.104	41.633
18)Endrin Aldehyde	11.637	11.216	40980716	26288995	52.846	50.409
19)Endosulfan Sulfat	11.989	11.357	50414946	31733362	52.251	49.005
20)Methoxychlor	11.897	12.061	22685998	9879667	46.829	40.510m
21)Endrin Ketone	12.472	12.281	51454996	36103322	48.856m	50.029
22)DCB-Surrogate	13.380	13.739	51202840	33010631	50.000	50.650m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

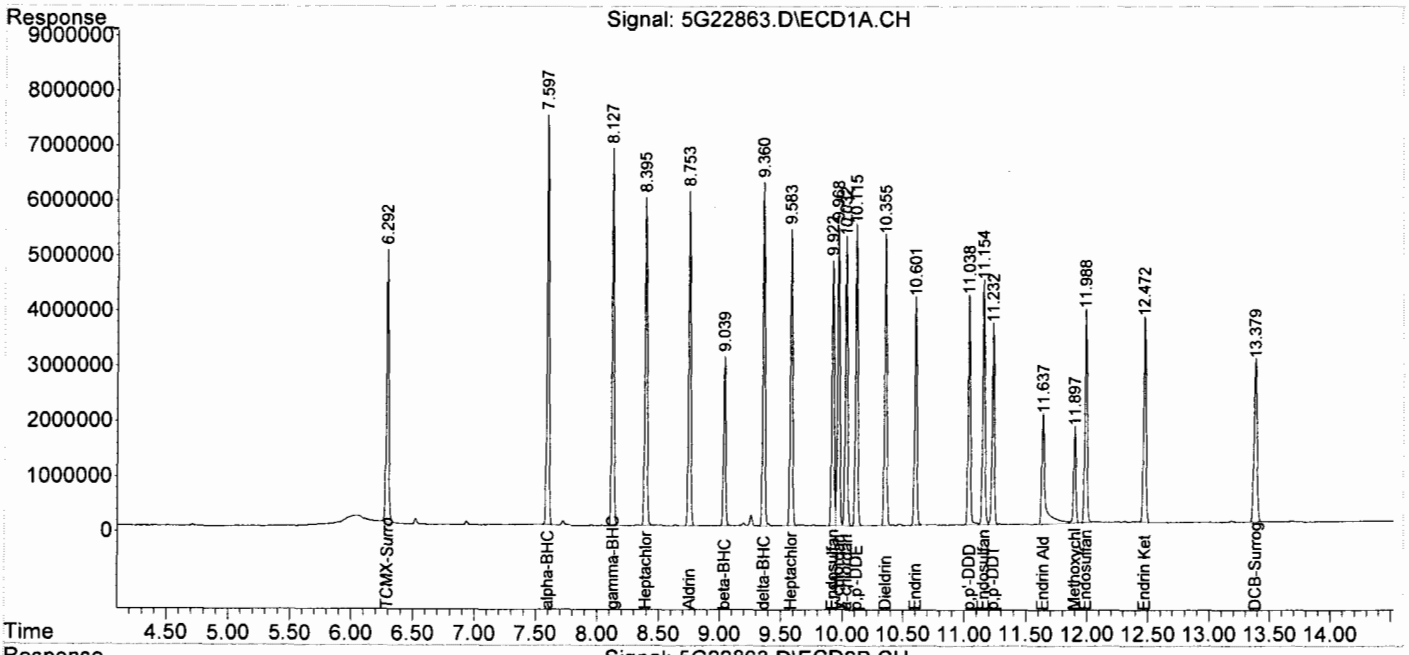
9P

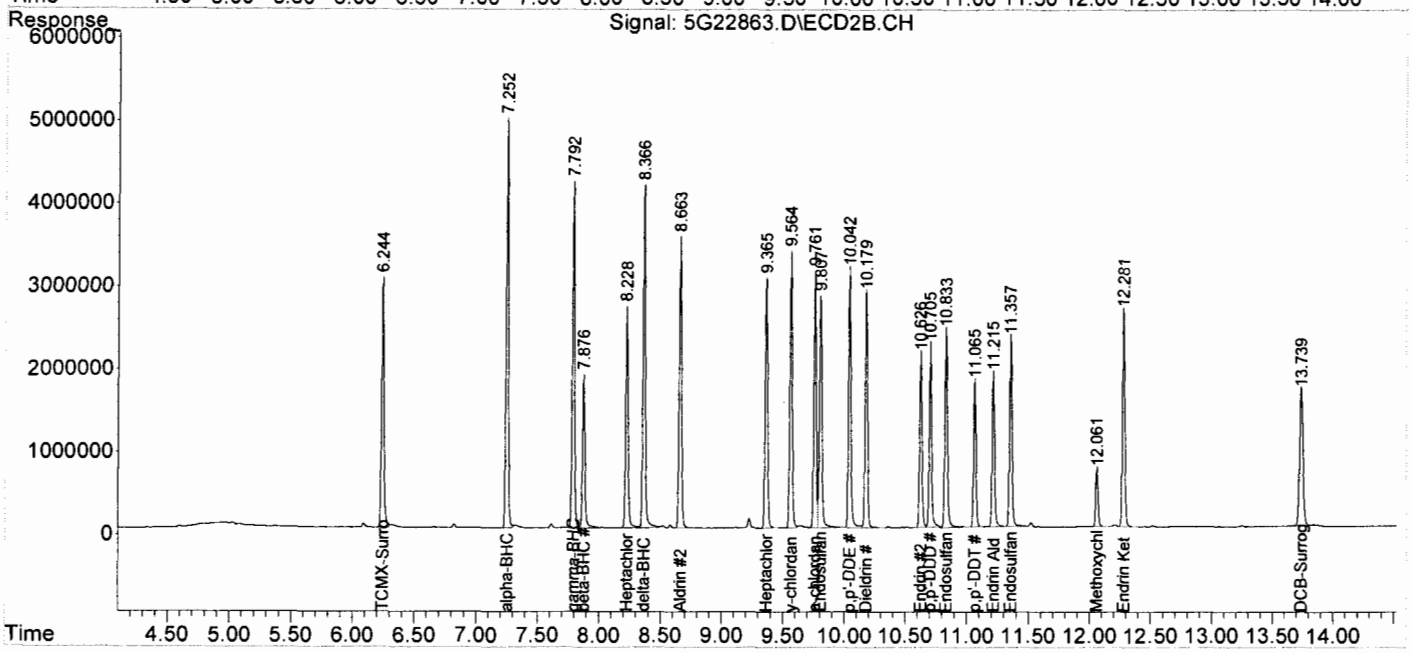
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22863.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 3:37
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:08:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22862.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 3:19
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:07:04 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.293	6.244	127.2E6	80590027	105.793m	102.927m
2)alpha-BHC	7.599	7.253	184.4E6	126.9E6	102.704	98.968m
3)gamma-BHC	8.129	7.793	170.4E6	106.4E6	103.887	96.391
4)beta-BHC	9.042	7.877	73948383	50110616	102.714	101.335
5)Heptachlor	8.397	8.229	150.8E6	71735049	97.605	88.245
6)delta-BHC	9.362	8.366	156.6E6	109.7E6	105.823	101.443
7)Aldrin	8.755	8.663	155.9E6	96599662	104.397	98.475
8)Heptachlor Epoxid	9.585	9.366	138.1E6	82962291	103.448	97.091
9)y-chlordane	9.971	9.565	145.2E6	90828546	106.942	97.544
10)a-chlordane	10.034	9.761	138.8E6	82550037	106.382	95.205
11)Endosulfan I	9.925	9.807	128.4E6	82470171	104.122	99.171
12)p,p'-DDE	10.118	10.042	141.9E6	86733925	107.313	99.404
13)Dieldrin	10.357	10.180	138.1E6	79256980	106.158	100.695
14)Endrin	10.604	10.628	113.9E6	59309006	100.430	89.920
15)p,p'-DDD	11.041	10.706	109.8E6	59653339	104.245	94.984
16)Endosulfan II	11.158	10.833	111.4E6	72989797	101.870	98.463
17)p,p'-DDT	11.235	11.066	97306939	49345530	98.681	87.508
18)Endrin Aldehyde	11.638	11.216	82542178	52020922	106.440	99.750
19)Endosulfan Sulfat	11.992	11.357	104.3E6	64764559	108.145	100.014
20)Methoxychlor	11.900	12.062	47270219	20141743	96.343	82.589
21)Endrin Ketone	12.475	12.282	106.0E6	73091808	100.607m	101.284
22)DCB-Surrogate	13.383	13.738	104.5E6	65803179	102.094	100.965m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

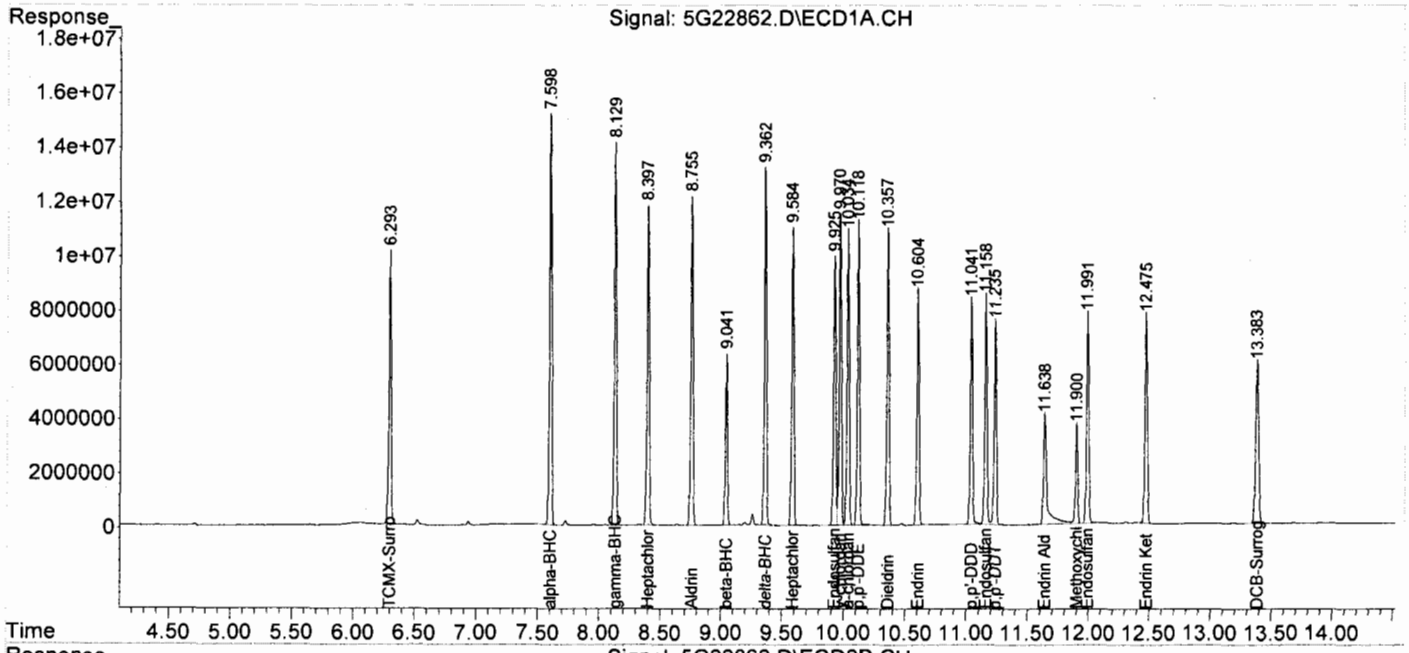
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

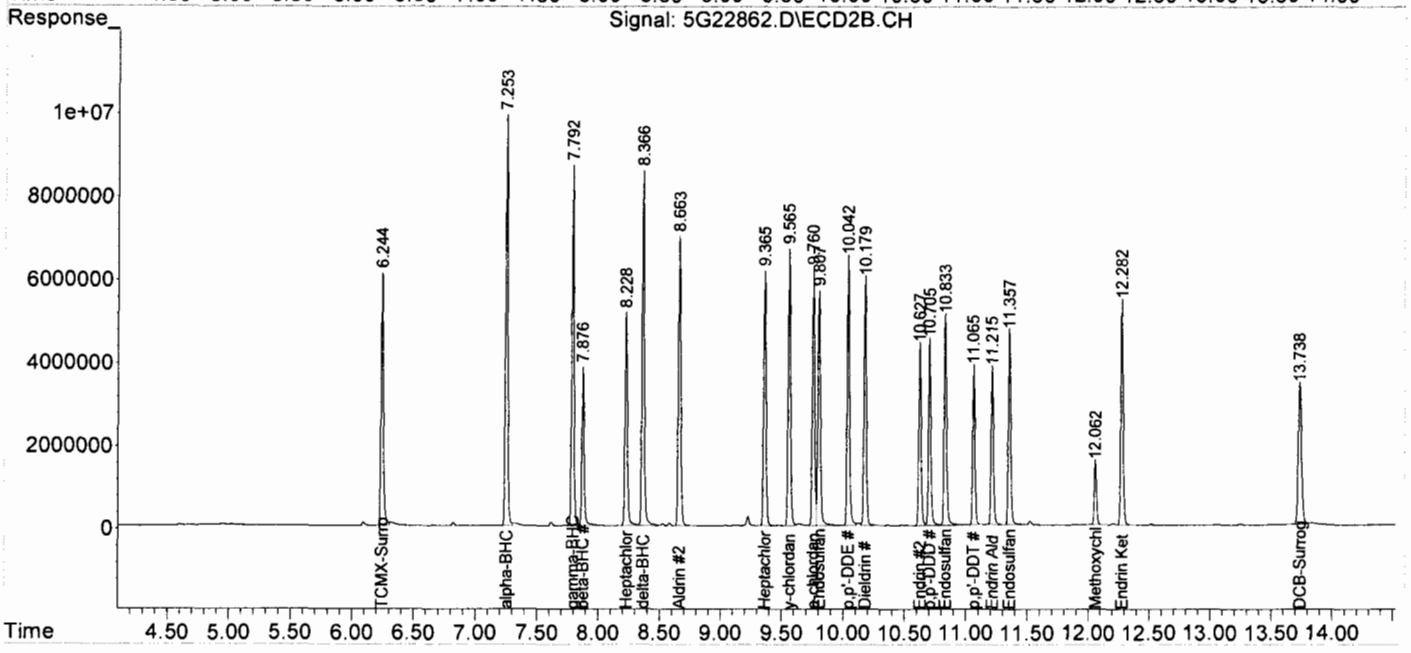
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22862.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 3:19
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:07:04 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22866.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 4:32
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:14:44 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.292	6.244	248.2E6	158.3E6	206.467m	202.177m
2)alpha-BHC	7.598	7.254	368.2E6	256.1E6	205.074	199.792m
3)gamma-BHC	8.127	7.793	339.2E6	215.2E6	206.816	195.038m
4)beta-BHC	9.040	7.878	145.1E6	101.4E6	201.612	205.128m
5)Heptachlor	8.395	8.230	306.1E6	157.3E6	198.167	193.526m
6)delta-BHC	9.360	8.367	311.3E6	225.9E6	210.331	208.811m
7)Aldrin	8.754	8.665	308.4E6	194.7E6	206.533	198.461m
8)Heptachlor Epoxid	9.582	9.367	272.9E6	168.2E6	204.362m	196.823
9)y-chlordane	9.969	9.566	290.1E6	185.6E6	213.728	199.278
10)a-chlordane	10.032	9.762	276.7E6	168.5E6	212.028	194.389
11)Endosulfan I	9.922	9.809	254.0E6	166.7E6	205.894	200.453
12)p,p'-DDE	10.116	10.044	284.1E6	177.7E6	214.903	203.639
13)Dieldrin	10.355	10.181	277.9E6	164.1E6	213.550	208.448
14)Endrin	10.601	10.627	230.8E6	124.4E6	203.465	188.682
15)p,p'-DDD	11.037	10.706	225.2E6	128.5E6	213.856	204.667
16)Endosulfan II	11.154	10.834	239.0E6	149.2E6	218.587	201.217
17)p,p'-DDT	11.232	11.066	209.4E6	113.2E6	206.048	195.607
18)Endrin Aldehyde	11.636	11.216	166.8E6	108.5E6	215.063	208.012
19)Endosulfan Sulfat	11.988	11.357	213.3E6	132.9E6	221.098	205.249
20)Methoxychlor	11.897	12.062	102.6E6	45942420	203.445	188.381
21)Endrin Ketone	12.472	12.282	219.8E6	153.4E6	208.671	212.528
22)DCB-Surrogate	13.378	13.739	212.7E6	136.0E6	207.687	208.624m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

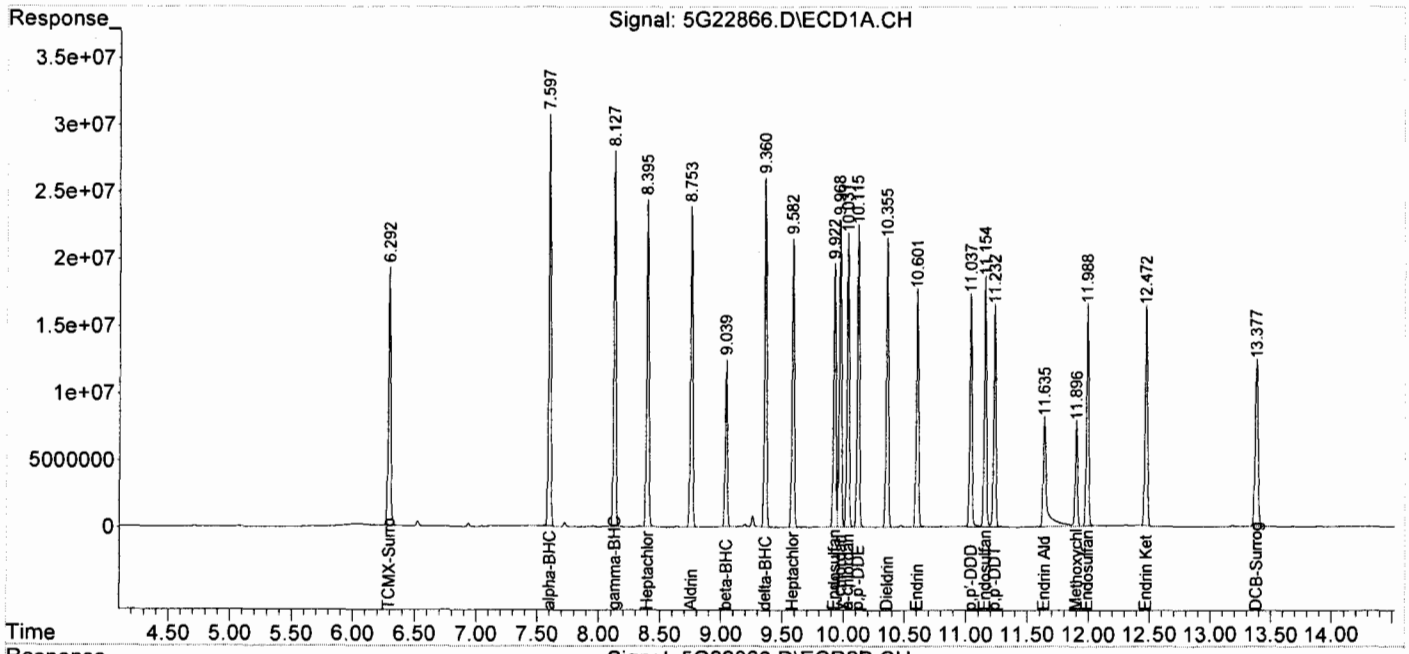
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

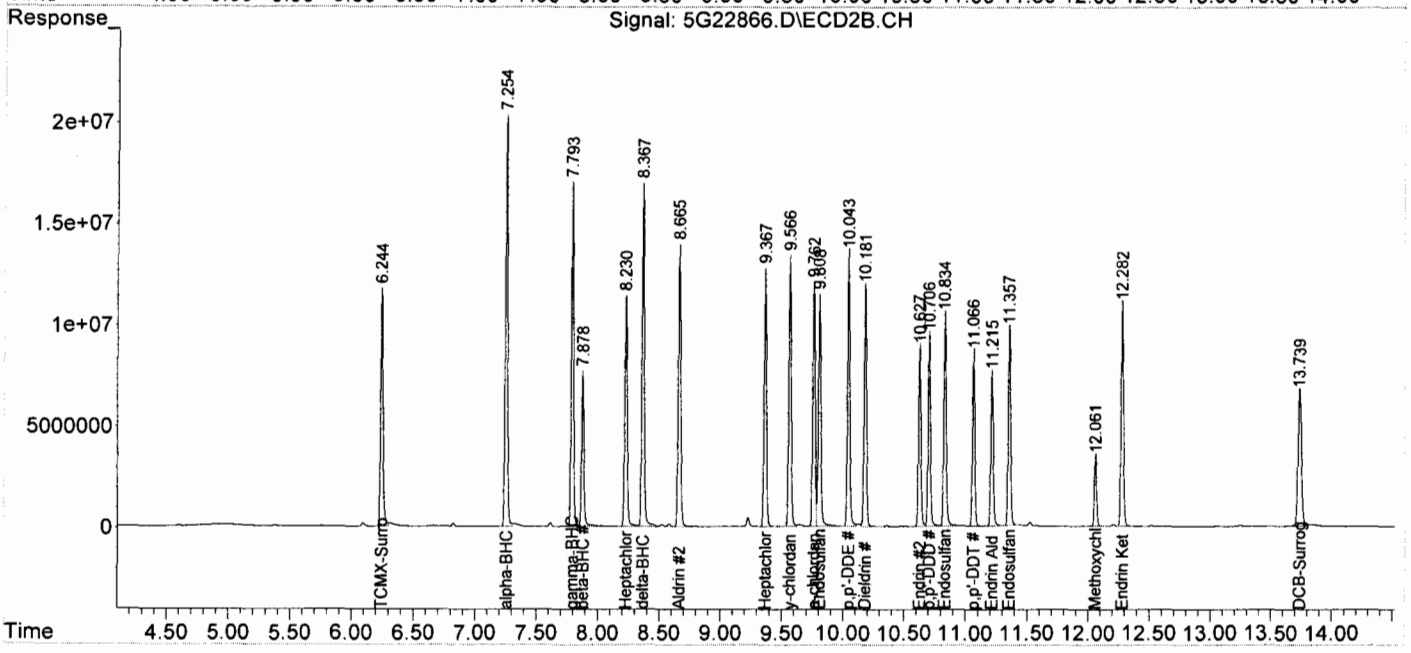
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22866.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 4:32
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:14:44 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22867.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 4:50
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:16:19 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.293	6.245	473.7E6	297.4E6	394.009	379.866m
2)alpha-BHC	7.599	7.255	721.7E6	491.1E6	401.992	383.111m
3)gamma-BHC	8.128	7.795	663.6E6	405.6E6	404.594	367.511
4)beta-BHC	9.040	7.878	278.3E6	193.2E6	386.510	390.612
5)Heptachlor	8.396	8.231	591.1E6	303.3E6	382.636	373.134
6)delta-BHC	9.361	8.368	608.9E6	431.1E6	411.387	398.534
7)Aldrin	8.754	8.665	590.9E6	364.1E6	395.755	371.207
8)Heptachlor Epoxid	9.584	9.367	523.7E6	318.6E6	392.179	372.892
9)y-chlordane	9.970	9.566	563.5E6	353.0E6	415.087	379.151
10)a-chlordane	10.032	9.763	537.0E6	317.0E6	411.506	365.583
11)Endosulfan I	9.923	9.809	489.8E6	314.7E6	397.084	378.468
12)p,p'-DDE	10.116	10.044	551.9E6	338.6E6	417.514	388.052
13)Dieldrin	10.356	10.182	538.4E6	313.3E6	413.760	398.055
14)Endrin	10.602	10.628	448.7E6	239.9E6	395.597	363.703
15)p,p'-DDD	11.038	10.706	438.0E6	250.9E6	415.919	399.518
16)Endosulfan II	11.154	10.834	465.2E6	288.1E6	425.476	388.587
17)p,p'-DDT	11.232	11.067	420.8E6	229.2E6	393.830	379.760
18)Endrin Aldehyde	11.636	11.216	324.9E6	210.8E6	418.954	404.217
19)Endosulfan Sulfat	11.987	11.358	416.0E6	259.4E6	431.121	400.557
20)Methoxychlor	11.896	12.062	204.3E6	92322449	387.517	378.557
21)Endrin Ketone	12.471	12.282	434.4E6	297.4E6	412.494	412.132
22)DCB-Surrogate	13.377	13.737	415.2E6	261.0E6	405.459	400.458m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

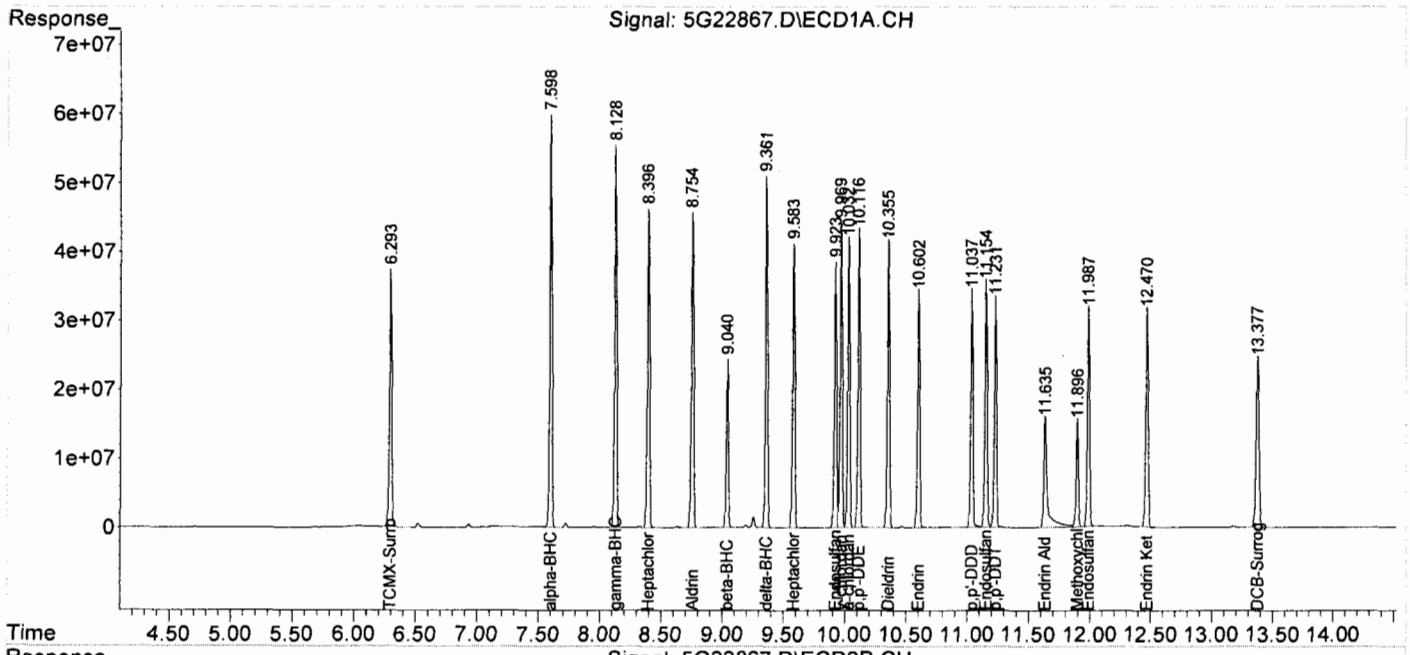
9P

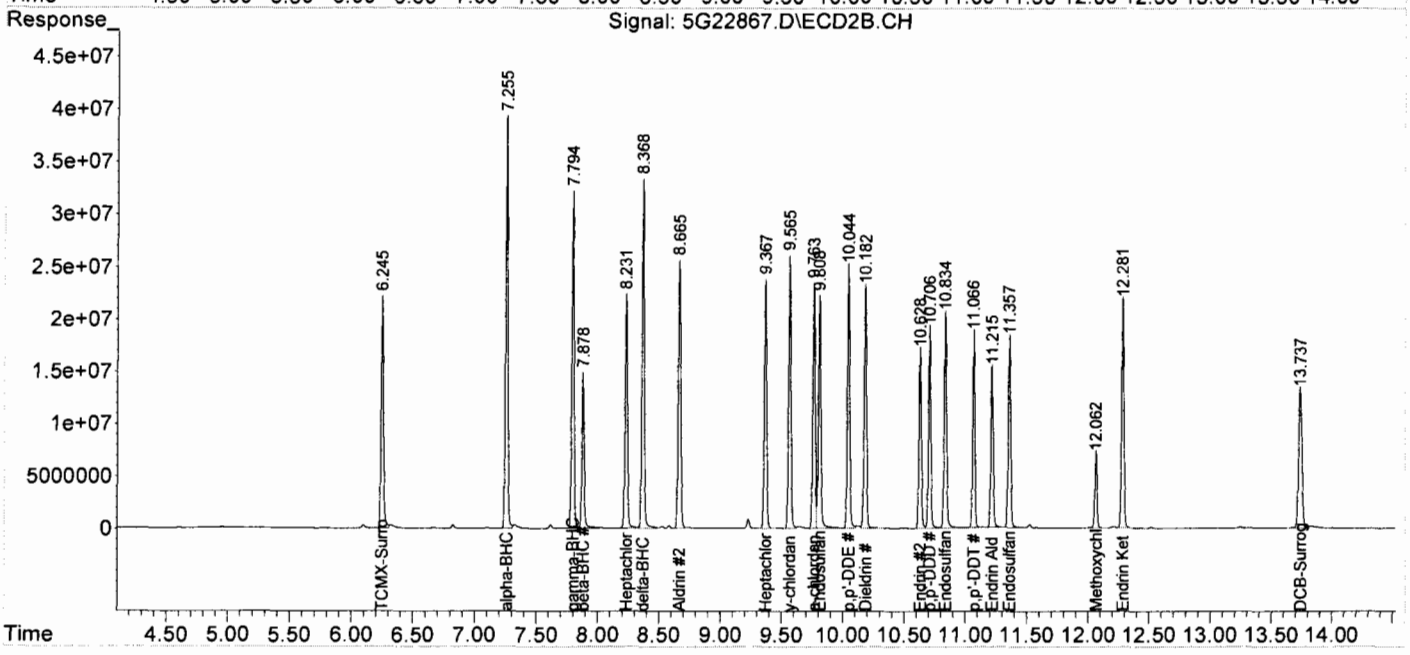
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22867.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 4:50
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:16:19 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:40:35 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

0922

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22868.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 5:08
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:17:33 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:41:51 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.292	6.245	126.0E6	81245410	104.824m	103.764m
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	13.379	13.739	106.0E6	68206524	103.483	104.652m
23)Chlordane {1}	8.395	8.230	7686804	4190142	99.983	91.745
24)Chlordane {2}	9.968	9.566	16791641	11927567	104.918	97.839m
25)Chlordane {3}	10.031	9.763	24143264	8908603	105.238	94.962m
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

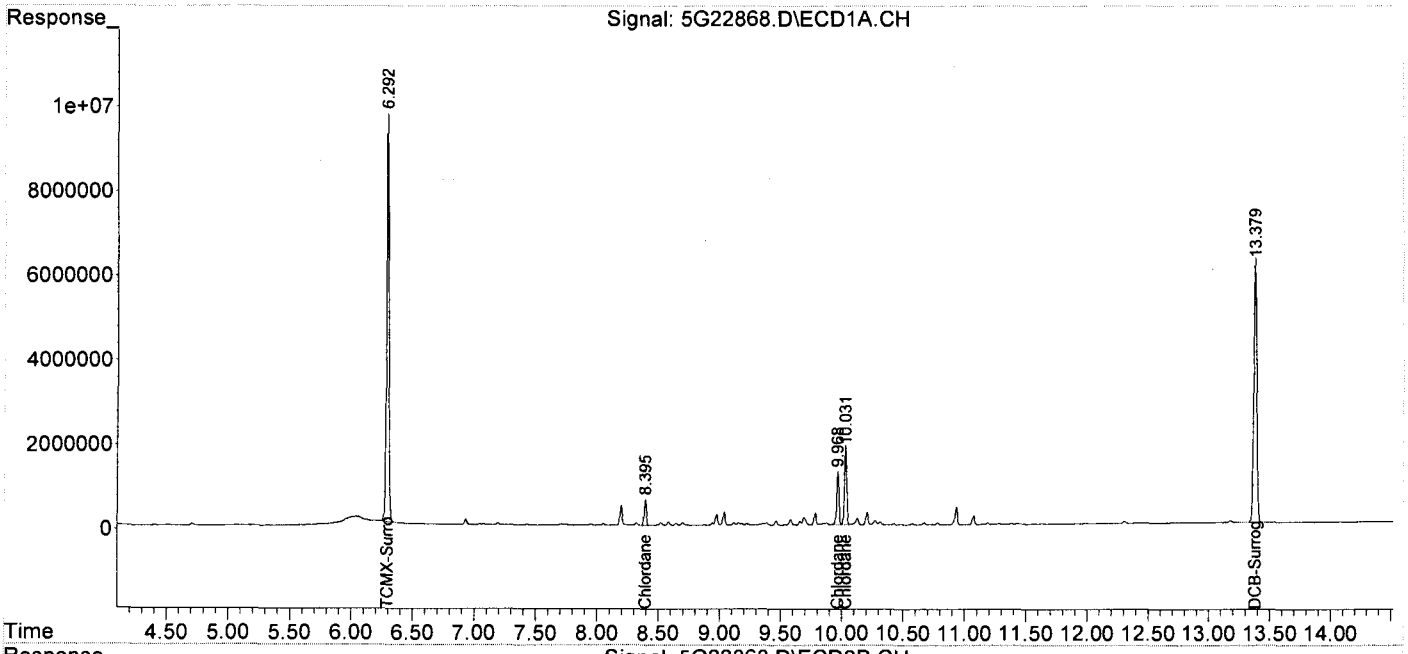
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

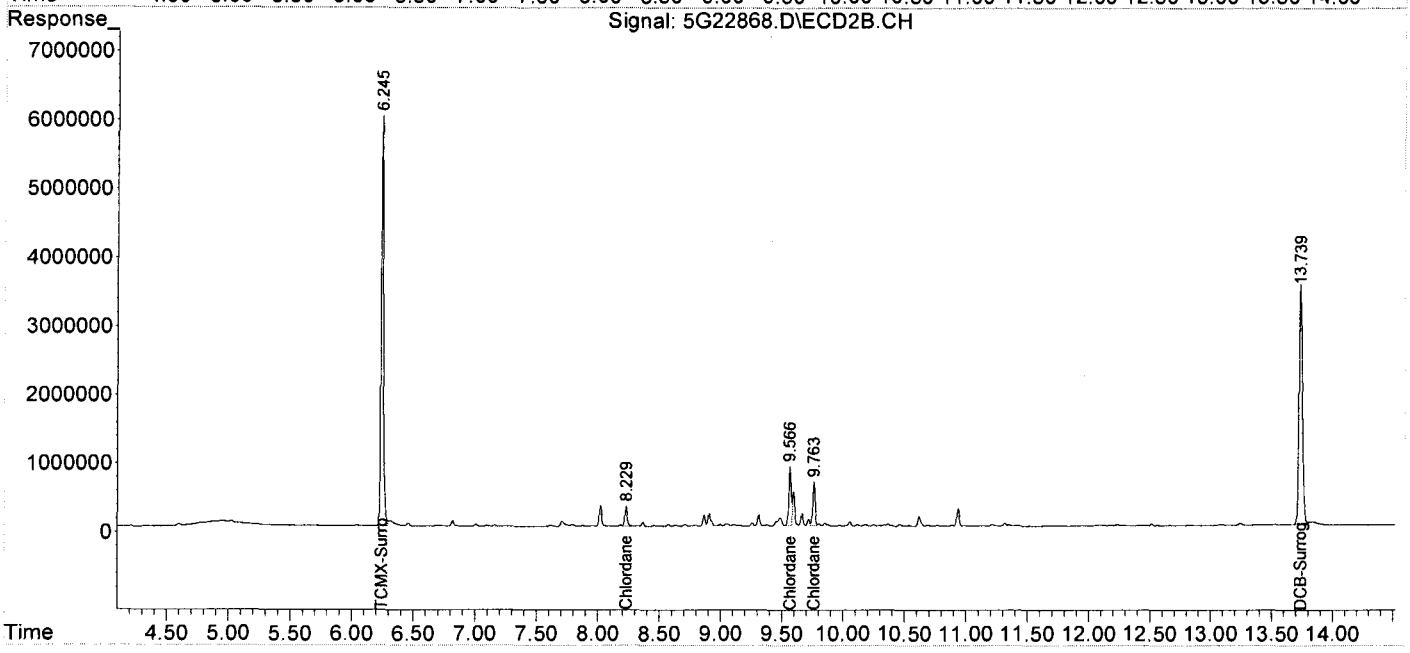
98

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22868.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 5:08
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:17:33 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:41:51 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22869.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 5:26
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:19:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:42:46 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.293	6.246	69125332	45371889	57.495m	57.947m
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	13.378	13.739	57876312	37848114	56.517	58.072m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	10.849	10.507	4492727	2596961	512.491m	493.535m
27)Toxaphene {2}	11.183	10.873	10874336	4649846	524.800m	478.592m
28)Toxaphene {3}	11.486	11.110	8028454	6363269	529.952m	492.074m
29)Toxaphene {4}	11.924	11.819	11123115	6167395	509.245m	499.779m
30)Toxaphene {5}	11.993	11.888	3149368	5109443	493.004m	492.068

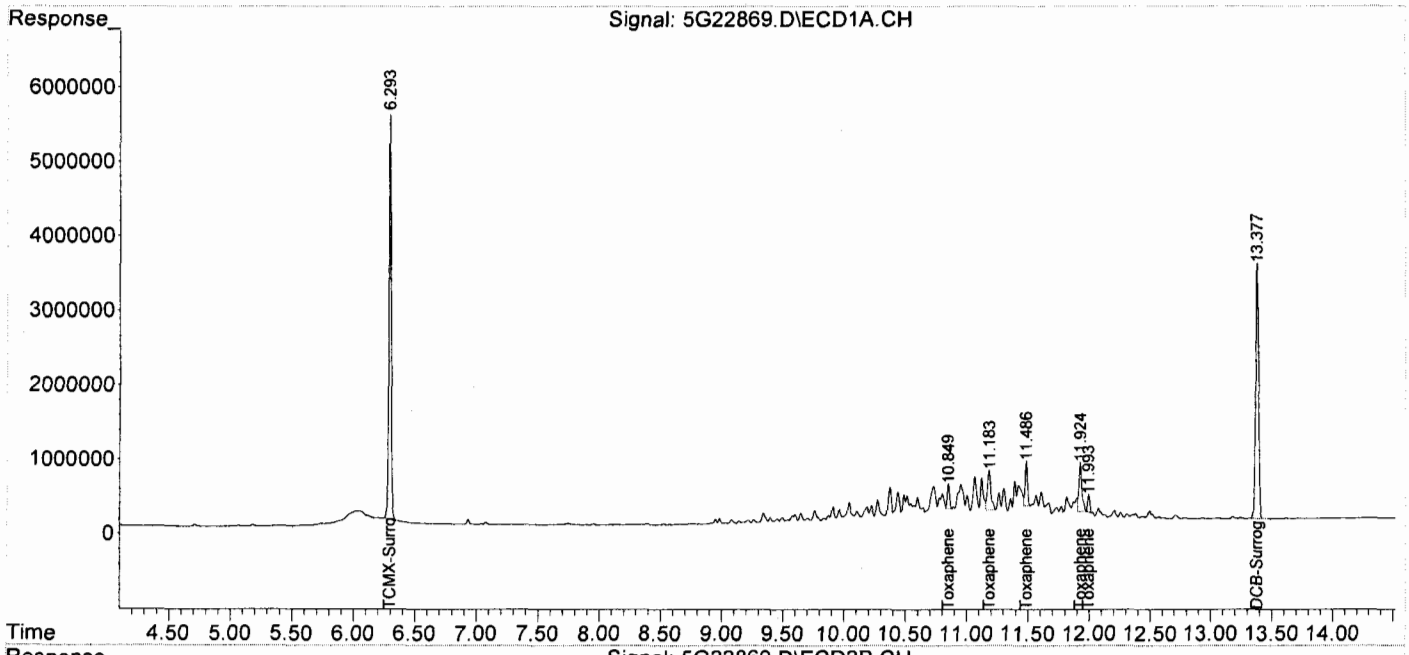
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

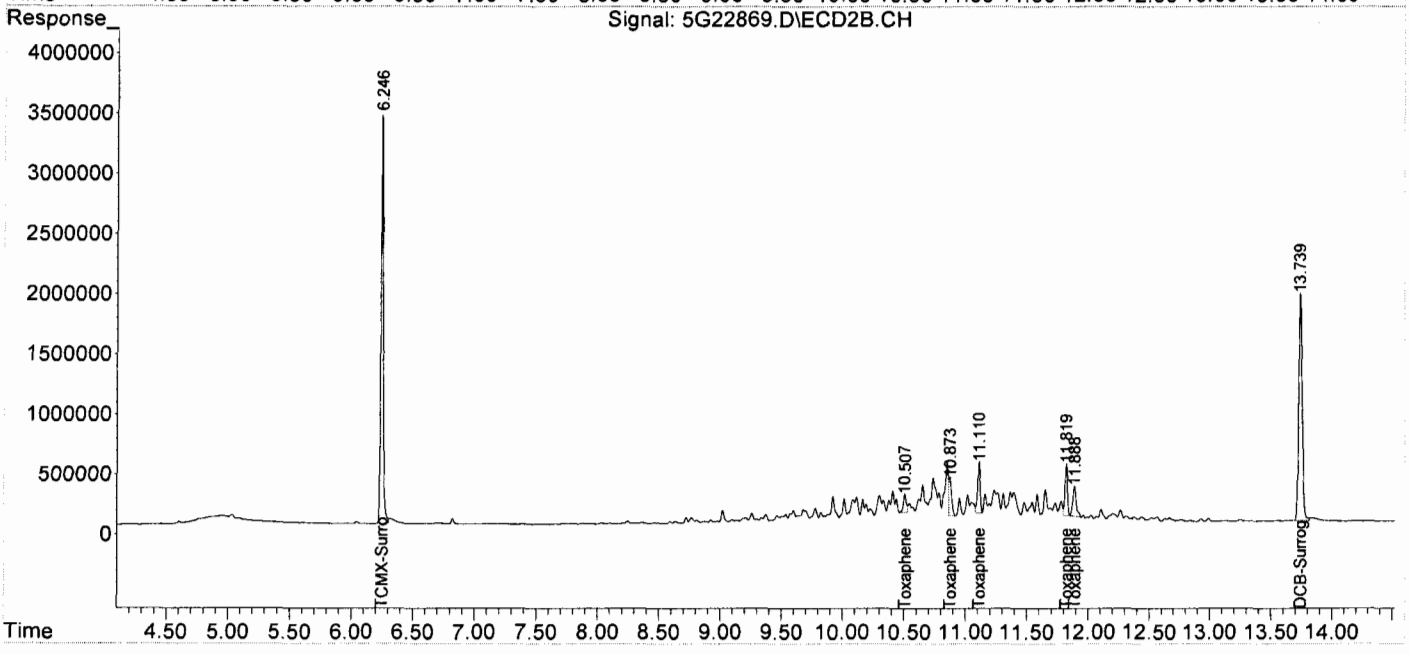
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-09-09\
Data File : 5G22869.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2009 5:26
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 09 08:19:00 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 07:42:46 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





Form 6
Initial Calibration

Method: EPA 8081A

Instrument: GC_6

0926

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6G15665.	CAL PEST@2PPB	07/13/09 12:06	2	6G15659.	CAL PEST@10PPB	07/13/09 10:35
3	6G15658.	CAL PEST@50PPB	07/13/09 10:20	4	6G15657.	CAL PEST@100PPB	07/13/09 09:58
5	6G15661.	CAL PEST@200PPB	07/13/09 11:06	6	6G15662.	CAL PEST@400PPB	07/13/09 11:21
7	6G15663.	CAL CHLO@100PPB	07/13/09 11:36	8	6G15664.	CAL TOX@500PPB	07/13/09 11:51

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Qua	2.8910	2.1195	1.8532	1.7111	1.8543	1.7445	----	----	2.03	3.73	0.999	0.999	22	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	1	0	Qua	2.6478	2.2655	2.4337	2.3977	2.8998	2.8857	----	----	2.59	4.72	0.995	0.998	10	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	1	0	Qua	2.5113	2.3191	2.3240	2.2245	2.6360	2.5572	----	----	2.43	5.19	0.997	0.998	6.7	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	1	0	LinF	2.4003	1.5589	1.3209	1.1452	1.3545	1.2752	----	----	1.51	6.02	0.997	0.997	30	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	1	0	LinF	3.0088	2.4802	2.2467	2.3265	2.4315	2.3161	----	----	2.47	5.45	0.999	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	1	0	Qua	2.7250	2.0307	2.1383	2.0904	2.4802	2.4498	----	----	2.32	6.35	0.998	0.999	12	2.00	10.00	50.00	100.0	200.0	400.0		
Aldrin	1	0	LinF	2.9464	2.2313	2.2403	2.1509	2.4872	2.4226	----	----	2.41	5.80	0.999	0.999	12	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	1	0	LinF	2.9656	2.3164	2.1335	2.0575	2.2675	2.1820	----	----	2.32	6.60	0.999	0.999	14	2.00	10.00	50.00	100.0	200.0	400.0		
y-chlordane	1	0	Qua	3.2755	2.5533	2.4991	2.4231	2.7624	2.6641	----	----	2.70	6.99	0.999	0.999	11	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	1	0	LinF	3.3040	2.4806	2.3135	2.1925	2.4839	2.4082	----	----	2.53	7.05	0.999	0.999	16	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	1	0	Qua	2.3778	1.8354	1.6724	1.5494	1.6391	1.5291	----	----	1.77	6.95	0.999	0.999	18	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	1	0	LinF	2.5771	1.9144	2.0036	2.0095	2.3293	2.2986	----	----	2.19	7.14	0.999	0.999	12	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	1	0	Qua	2.3365	1.8860	1.9132	1.7931	2.1895	2.1209	----	----	2.04	7.39	0.998	0.998	10	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	1	0	LinF	2.2084	1.7677	1.7994	1.7914	2.0251	1.9723	----	----	1.93	7.65	0.999	0.999	9.0	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	1	0	LinF	1.9646	1.5523	1.5733	1.5418	1.7538	1.7221	----	----	1.68	8.09	0.999	0.999	9.7	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	1	0	LinF	2.2910	1.9150	1.8297	1.7599	1.9692	1.8892	----	----	1.94	8.21	0.999	0.999	9.5	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	1	0	Qua	0.9485	1.0942	1.2672	1.3571	1.4666	1.5125	----	----	1.27	8.30	0.999	1.00	17	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	1	0	Qua	1.8654	1.4395	1.4958	1.3221	1.4885	1.4518	----	----	1.51	8.70	0.999	0.999	12	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	1	0	LinF	2.0381	1.7188	1.6300	1.5796	1.7260	1.7158	----	----	1.73	9.07	1.00	1.00	9.2	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	1	0	Qua	1.1203	0.9138	0.8845	0.8504	0.9643	0.8883	----	----	0.937	9.00	0.998	0.998	10	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	1	0	Avg	1.7520	1.6598	1.8044	1.7426	1.8798	1.8344	----	----	1.78	9.58	1.00	1.00	4.4	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	1	0	Qua	2.8313	2.2608	1.8119	1.6301	1.6413	1.5471	----	----	1.95	10.55	0.999	1.00	26	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	1	1	Avg	----	----	----	----	----	----	----	----	0.113	5.27	-1	-1	Lvl=7	100.0							
Chlordane	1	2	Avg	----	----	----	----	----	----	----	----	0.284	6.98	-1	-1	Lvl=7	100.0							
Chlordane	1	3	Avg	----	----	----	----	----	----	----	----	0.464	7.05	-1	-1	Lvl=7	100.0							
Toxaphene	1	1	Avg	----	----	----	----	----	----	----	----	0.0144	7.06	-1	-1	Lvl=8	500.0							
Toxaphene	1	2	Avg	----	----	----	----	----	----	----	----	0.0175	7.89	-1	-1	Lvl=8	500.0							
Toxaphene	1	3	Avg	----	----	----	----	----	----	----	----	0.0252	8.12	-1	-1	Lvl=8	500.0							
Toxaphene	1	4	Avg	----	----	----	----	----	----	----	----	0.0315	8.56	-1	-1	Lvl=8	500.0							
Toxaphene	1	5	Avg	----	----	----	----	----	----	----	----	0.0139	9.09	-1	-1	Lvl=8	500.0							
TCMX-Surrogate	2	0	Qua	2.4633	1.9814	1.7194	1.3746	1.7446	1.6523	----	----	1.82	3.68	0.997	0.997	20	2.00	10.00	50.00	100.0	200.0	400.0		
alpha-BHC	2	0	LinF	2.6756	2.2460	2.3609	2.3791	2.7925	2.7636	----	----	2.54	4.42	0.999	0.999	9.3	2.00	10.00	50.00	100.0	200.0	400.0		
gamma-BHC	2	0	Avg	2.4555	2.0904	2.0933	2.0646	2.3163	2.2364	----	----	2.21	4.88	0.999	0.999	7.0	2.00	10.00	50.00	100.0	200.0	400.0		
beta-BHC	2	0	LinF	1.9862	1.6493	1.3227	1.2939	1.3812	1.3382	----	----	1.50	4.94	1.00	1.00	18	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor	2	0	LinF	3.3438	2.3867	2.1112	2.1361	2.3031	2.2383	----	----	2.42	5.28	0.999	0.999	19	2.00	10.00	50.00	100.0	200.0	400.0		
delta-BHC	2	0	Avg	2.3300	1.9876	2.0802	2.0973	2.3474	2.3253	----	----	2.19	5.39	0.999	0.999	7.2	2.00	10.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 13.3 Avg Rsd Col 2: 14.3

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

0927

Form 6
Initial Calibration

Method: EPA 8081A

Instrument: GC_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6G15665.	CAL PEST@2PPB	07/13/09 12:06	2	6G15659.	CAL PEST@10PPB	07/13/09 10:35
3	6G15658.	CAL PEST@50PPB	07/13/09 10:20	4	6G15657.	CAL PEST@100PPB	07/13/09 09:58
5	6G15661.	CAL PEST@200PPB	07/13/09 11:06	6	6G15662.	CAL PEST@400PPB	07/13/09 11:21
7	6G15663.	CAL CHLO@100PPB	07/13/09 11:36	8	6G15664.	CAL TOX@500PPB	07/13/09 11:51

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aldrin	2	0	Avg	2.5474	2.0813	2.0120	2.0298	2.2341	2.1886	----	----	2.18	5.70	0.999	0.999	9.1	2.00	10.00	50.00	100.0	200.0	400.0		
Heptachlor Epoxide	2	0	LinF	2.6606	2.0529	1.8929	1.8600	2.0091	1.9418	----	----	2.07	6.37	0.999	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
v-chlordane	2	0	LinF	2.7223	2.1402	1.9854	1.9541	2.0907	2.0409	----	----	2.16	6.57	1.00	1.00	13	2.00	10.00	50.00	100.0	200.0	400.0		
a-chlordane	2	0	LinF	2.6637	2.0009	1.7677	1.7063	1.7650	1.6875	----	----	1.93	6.77	1.00	1.00	19	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan I	2	0	LinF	2.7464	2.0929	1.9396	1.9666	2.1424	2.0844	----	----	2.16	6.82	0.999	0.999	14	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDE	2	0	LinF	2.1339	1.7393	1.6917	1.7533	1.9318	1.9117	----	----	1.86	7.05	0.999	0.999	8.9	2.00	10.00	50.00	100.0	200.0	400.0		
Dieldrin	2	0	Qua	2.1873	1.8108	1.7106	1.7773	1.9326	1.9029	----	----	1.89	7.20	0.999	0.999	8.9	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin	2	0	Avg	1.8643	1.5578	1.5524	1.6023	1.7121	1.6870	----	----	1.66	7.66	1.00	1.00	7.1	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDD	2	0	Avg	1.6825	1.3415	1.3177	1.3748	1.4837	1.4794	----	----	1.45	7.74	1.00	1.00	9.3	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan II	2	0	LinF	2.3295	1.7895	1.5853	1.6004	1.6847	1.6443	----	----	1.77	7.87	1.00	1.00	16	2.00	10.00	50.00	100.0	200.0	400.0		
p,p'-DDT	2	0	Qua	1.4973	1.3000	1.4749	1.4226	1.4981	1.5101	----	----	1.45	8.12	1.00	1.00	5.5	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Aldehyde	2	0	Qua	3.7199	2.1121	1.5358	1.8576	1.3221	1.2685	----	----	1.97	8.27	0.988	0.992	47	2.00	10.00	50.00	100.0	200.0	400.0		
Endosulfan Sulfate	2	0	LinF	2.0122	1.6217	1.4451	1.4539	1.5018	1.4731	----	----	1.58	8.42	1.00	1.00	14	2.00	10.00	50.00	100.0	200.0	400.0		
Methoxychlor	2	0	LinF	1.0778	0.9244	0.8546	0.8245	0.8548	0.8265	----	----	0.894	9.18	1.00	1.00	11	2.00	10.00	50.00	100.0	200.0	400.0		
Endrin Ketone	2	0	Avg	2.0415	1.7311	1.7058	1.6874	1.7595	1.7079	----	----	1.77	9.39	1.00	1.00	7.6	2.00	10.00	50.00	100.0	200.0	400.0		
DCB-Surrogate	2	0	Qua	2.8570	2.1193	1.7051	1.5339	1.5131	1.4094	----	----	1.86	10.89	0.999	1.00	30	2.00	10.00	50.00	100.0	200.0	400.0		
Chlordane	2	1	Avg	----	----	----	----	----	----	----	----	0.123	5.09	-1	-1	Lvl=7	100.0							
Chlordane	2	2	Avg	----	----	----	----	----	----	----	----	0.447	6.58	-1	-1	Lvl=7	100.0							
Chlordane	2	3	Avg	----	----	----	----	----	----	----	----	0.228	6.77	-1	-1	Lvl=7	100.0							
Toxaphene	2	1	Avg	----	----	----	----	----	----	----	----	0.0142	6.94	-1	-1	Lvl=8	500.0							
Toxaphene	2	2	Avg	----	----	----	----	----	----	----	----	0.0349	7.91	-1	-1	Lvl=8	500.0							
Toxaphene	2	3	Avg	----	----	----	----	----	----	----	----	0.0215	8.16	-1	-1	Lvl=8	500.0							
Toxaphene	2	4	Avg	----	----	----	----	----	----	----	----	0.0291	8.91	-1	-1	Lvl=8	500.0							
Toxaphene	2	5	Avg	----	----	----	----	----	----	----	----	0.0184	8.98	-1	-1	Lvl=8	500.0							

Avg Rsd Col 1: 13.3 Avg Rsd Col 2: 14.3

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pch/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15665.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 12:06
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 13:38:26 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 12:07:09 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.727	3.679	57820	49267	2.573m	3.020m
2)alpha-BHC	4.714	4.417	52956	53512	1.581m	1.996m#
3)gamma-BHC	5.182	4.878	50228	49111	1.715m	2.255m#
4)beta-BHC	6.017	4.941	48007	39725	3.131m	3.061m
5)Heptachlor	5.449	5.283	60178	66877	2.158m	3.092 #
6)delta-BHC	6.345	5.394	54500	46601	1.916m	2.108
7)Aldrin	5.795	5.696	58928	50949	2.049m	2.446
8)Heptachlor Epoxid	6.595	6.372	59312	53212	2.363m	2.886m
9)y-chlordane	6.983	6.573	65511	54446	2.073m	2.748 #
10)a-chlordane	7.048	6.770	66082	53274	2.345m	3.185 #
11)Endosulfan I	6.945	6.818	47556	54929	2.317m	2.698
12)p,p'-DDE	7.133	7.053	51543	42678	2.014m	2.300m
13)Dieldrin	7.383	7.195	46731	43748	1.944	2.438m#
14)Endrin	7.639	7.655	44169	37287	1.958m	2.315m
15)p,p'-DDD	8.082	7.742	39293	33650	1.957	2.385m
16)Endosulfan II	8.204	7.871	45821	46590	2.068	2.898m#
17)p,p'-DDT	8.291	8.120	18972	29948	1.127	2.283 #
18)Endrin Aldehyde	8.698	8.271	37308	74398	2.205m	6.167m#
19)Endosulfan Sulfat	9.068	8.421	40762	40246	2.119	2.769m#
20)Methoxychlor	8.992	9.178	22408	21558	2.247	2.795
21)Endrin Ketone	9.579	9.389	35041	40831	1.652m	2.416m#
22)DCB-Surrogate	10.543	10.890	56626	57140	2.843m	3.633m#
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

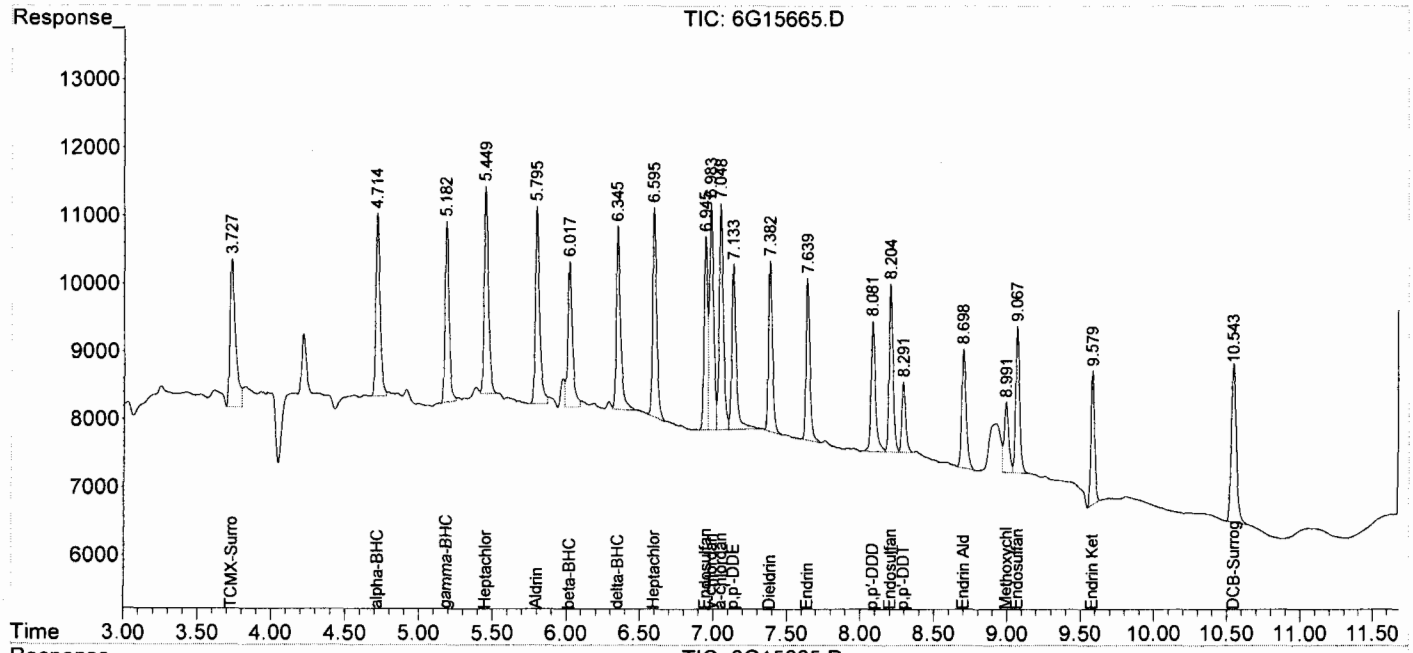
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

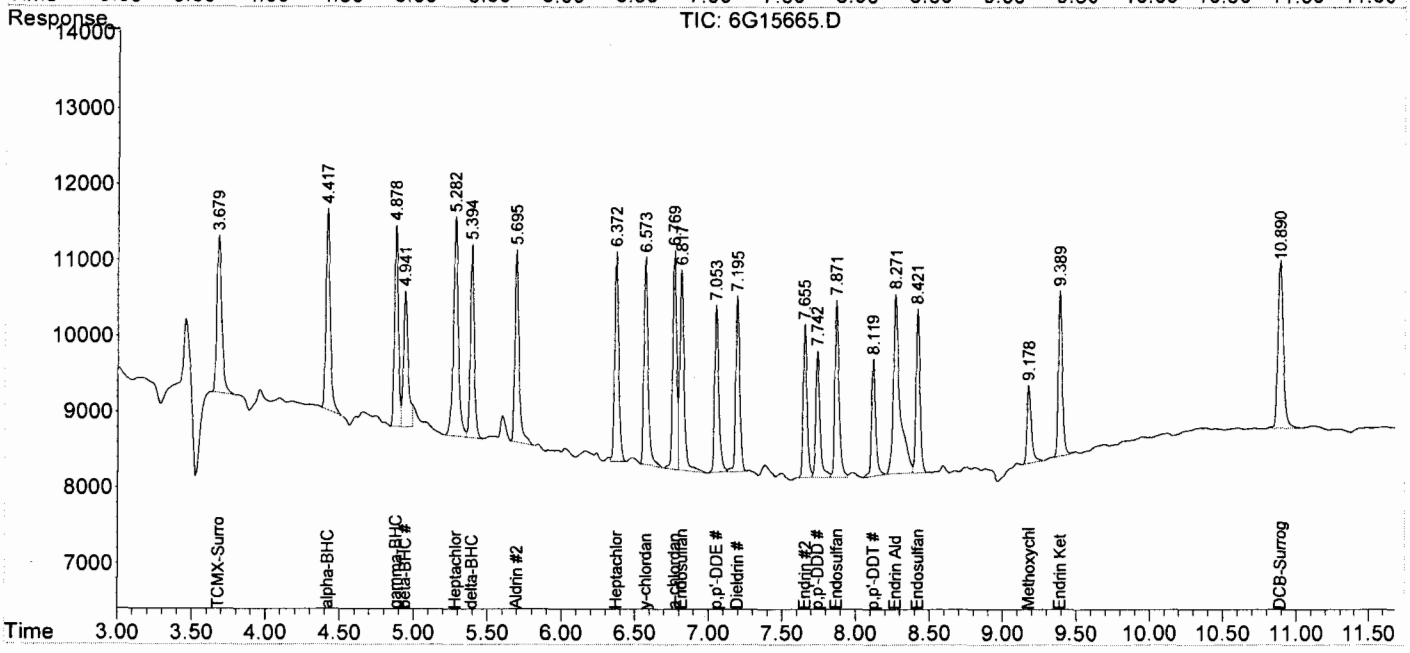
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15665.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 12:06
Operator : JP
Sample : CAL PEST@2PPB
Misc : S,PEST
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 13:38:26 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 12:07:09 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15659.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 10:35
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:24:48 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 10:51:59 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.727	3.679	211953	198142	9.450m	12.147m#
2)alpha-BHC	4.715	4.418	226550	224604	6.764m	8.379
3)gamma-BHC	5.184	4.879	231917	209045	7.917m	9.597
4)beta-BHC	6.019	4.942	155895	164932	10.167m	12.707
5)Heptachlor	5.451	5.283	248029	238675	8.894	11.034m
6)delta-BHC	6.347	5.395	203071	198769	7.140m	8.993m#
7)Aldrin	5.798	5.697	223133	208130	7.759	9.993 #
8)Heptachlor Epoxid	6.597	6.373	231640	205298	9.229m	11.133m
9)y-chlordane	6.985	6.573	255338	214022	8.081	10.804m#
10)a-chlordane	7.051	6.771	248069	200098	8.803	11.964 #
11)Endosulfan I	6.948	6.819	183542	209294	8.965	10.282
12)p,p'-DDE	7.135	7.054	191446	173935	7.482	9.372m#
13)Dieldrin	7.384	7.197	188608	181088	7.846m	10.087m#
14)Endrin	7.641	7.657	176771	155785	7.836m	9.674m
15)p,p'-DDD	8.084	7.744	155236	134158	7.733	9.509
16)Endosulfan II	8.206	7.873	191502	178952	8.641	11.129 #
17)p,p'-DDT	8.292	8.121	109422	130008	6.494m	9.895 #
18)Endrin Aldehyde	8.700	8.272	143958	211210	8.508m	17.509m#
19)Endosulfan Sulfat	9.069	8.422	171880	162178	8.933m	11.158m
20)Methoxychlor	8.994	9.178	91388	92442	9.166	11.984m#
21)Endrin Ketone	9.582	9.391	165988	173110	7.826m	10.243 #
22)DCB-Surrogate	10.544	10.890	226088	211936	11.376m	13.520m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

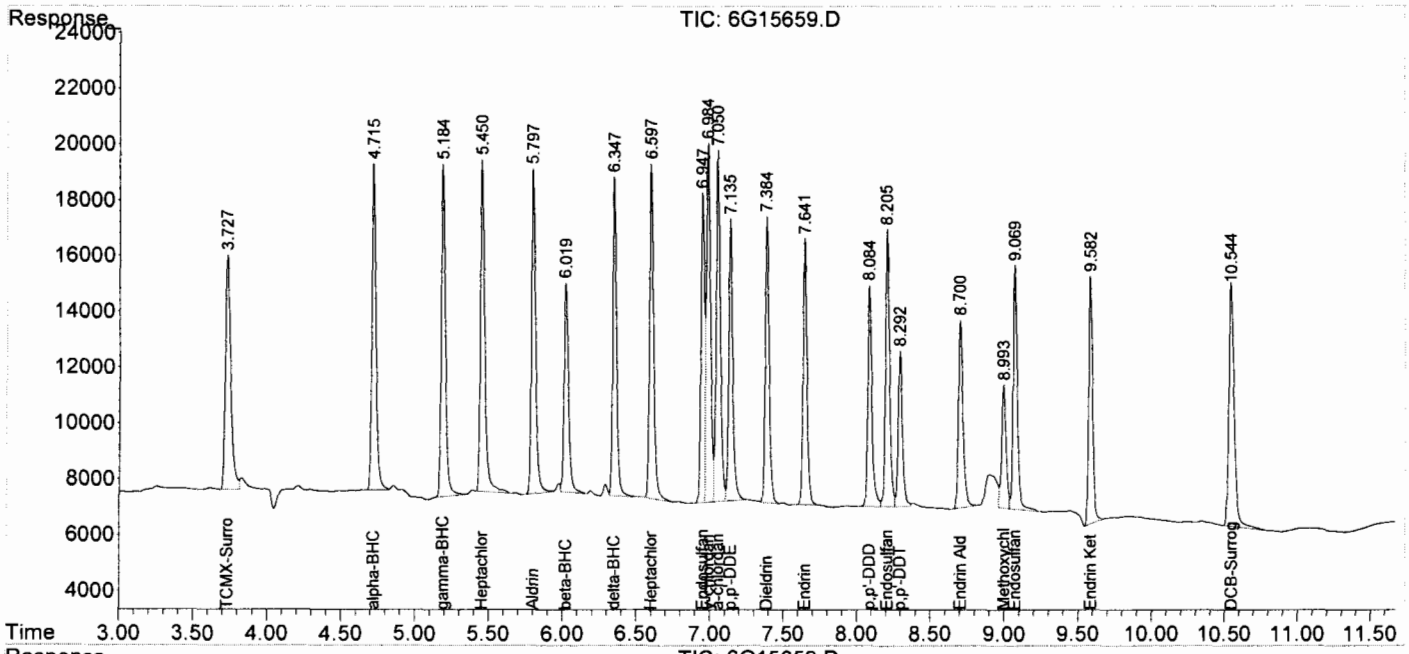
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

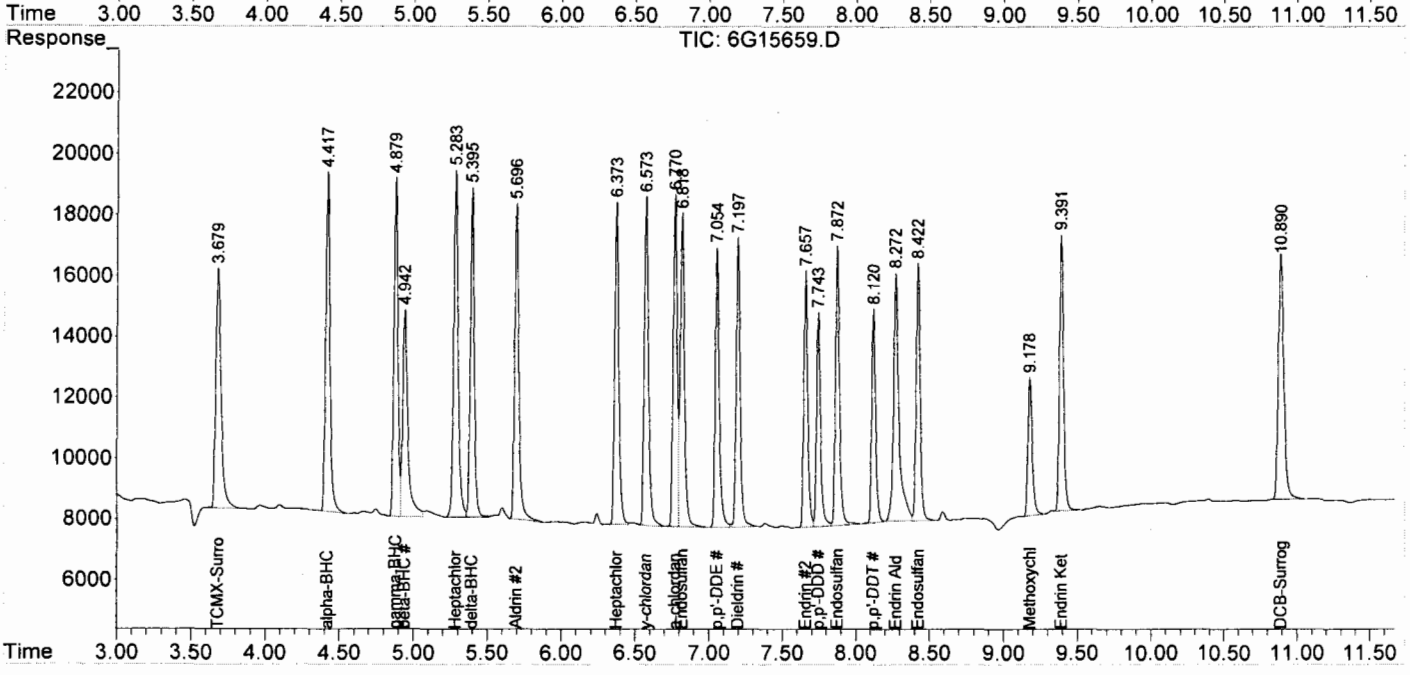
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15659.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 10:35
Operator : JP
Sample : CAL PEST@10PPB
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:24:48 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 10:51:59 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15658.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 10:20
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:19:00 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 10:51:59 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.730	3.678	926598	859730	41.677m	52.703m#
2)alpha-BHC	4.719	4.418	1216872	1180459	36.334m	44.037
3)gamma-BHC	5.189	4.878	1162000	1046692	39.667	48.053m
4)beta-BHC	6.023	4.940	660453	661361	43.071m	50.953m
5)Heptachlor	5.454	5.282	1123360	1055613	40.282m	48.802m
6)delta-BHC	6.351	5.394	1069152	1040132	37.593m	47.061m#
7)Aldrin	5.802	5.696	1120148	1005999	38.949	48.302
8)Heptachlor Epoxid	6.602	6.373	1066788	946454	42.503	51.325
9)y-chlordane	6.988	6.574	1249559	992701	39.548	50.111 #
10)a-chlordane	7.055	6.769	1156769	883863	41.047	52.849 #
11)Endosulfan I	6.952	6.818	836243	969833	41.375	47.643
12)p,p'-DDE	7.140	7.054	1001807	845874	39.151	45.577m
13)Dieldrin	7.388	7.196	956640	855338	39.796m	47.523m
14)Endrin	7.646	7.657	899727	776225	39.884	48.202
15)p,p'-DDD	8.088	7.743	786665	658886	39.185	46.699
16)Endosulfan II	8.210	7.872	914897	792676	41.282	49.299
17)p,p'-DDT	8.297	8.120	633605	737452	37.334	55.613m#
18)Endrin Aldehyde	8.705	8.272	747929	767914	44.204	63.658m#
19)Endosulfan Sulfat	9.074	8.421	815030	722597	42.360	49.713m
20)Methoxychlor	8.997	9.177	442281	427335	44.361	55.398m
21)Endrin Ketone	9.585	9.390	902203	852938	42.539m	50.469m
22)DCB-Surrogate	10.549	10.891	905980	852551	45.983	55.139m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

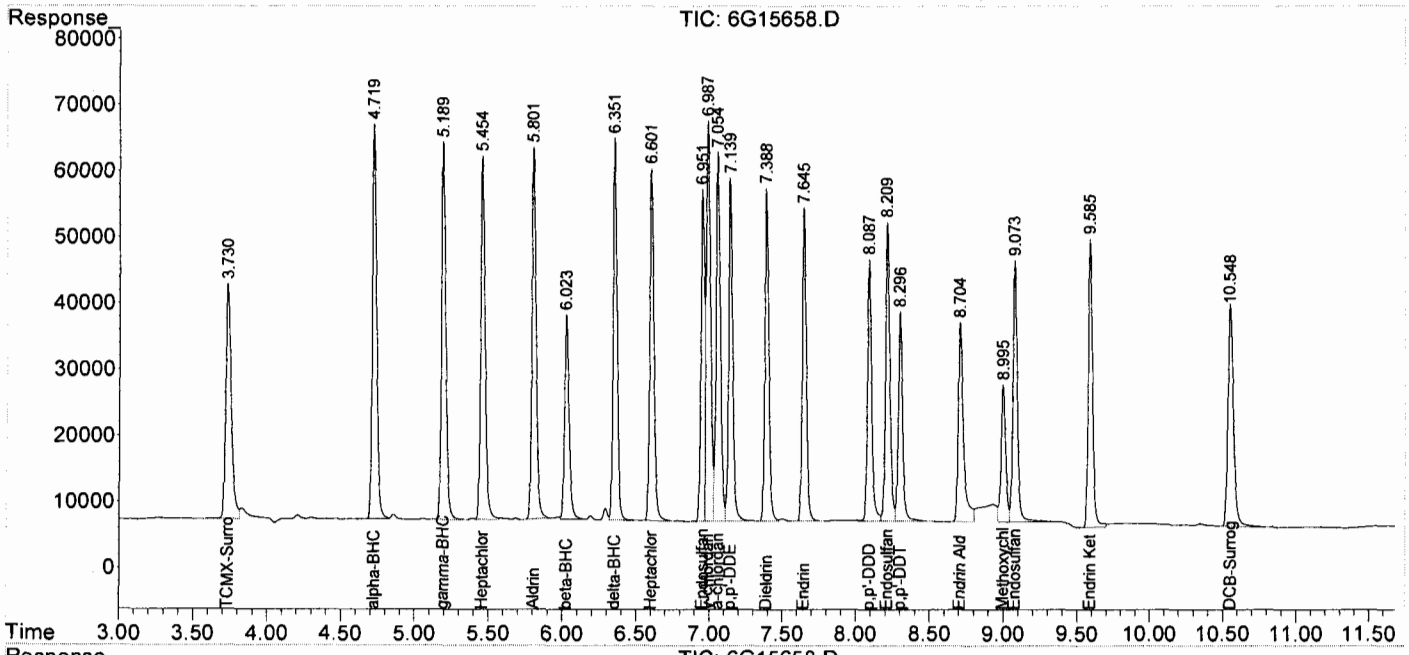
9P

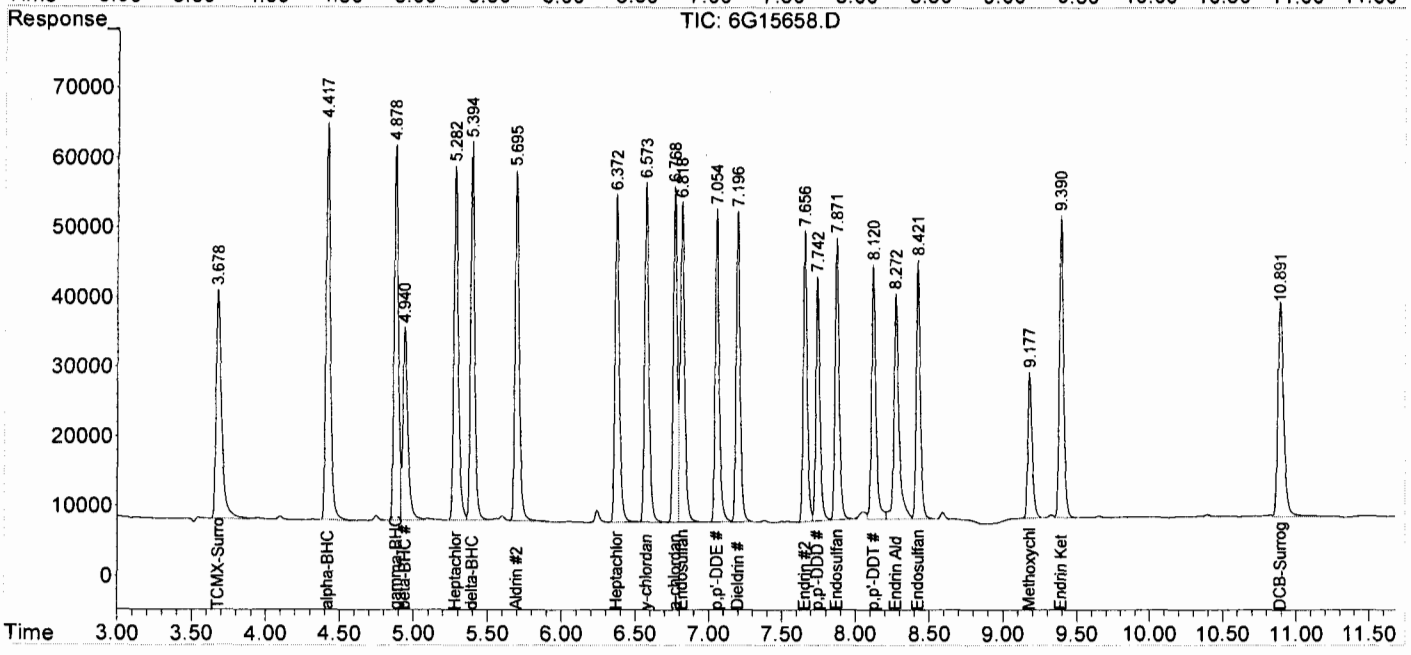
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15658.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 10:20
Operator : JP
Sample : CAL PEST@50PPB
Misc : S,PEST
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:19:00 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 10:51:59 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15657.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 9:58
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 13:47:16 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Jul 07 11:24:19 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.725	3.678	1711137	1374662	77.734m	84.270m
2)alpha-BHC	4.713	4.418	2397740	2379189	71.593m	88.756
3)gamma-BHC	5.183	4.878	2224512	2064669	75.939	94.787
4)beta-BHC	6.017	4.941	1145207	1293983	74.684	99.691 #
5)Heptachlor	5.449	5.283	2326509	2136111	83.425	98.755
6)delta-BHC	6.345	5.395	2090422	2097364	73.502m	94.895 #
7)Aldrin	5.796	5.695	2150984	2029842	74.792	97.462m#
8)Heptachlor Epoxid	6.595	6.373	2057519	1860057	81.976	100.868
9)y-chlordane	6.982	6.573	2423132	1954169	76.691	98.646 #
10)a-chlordane	7.049	6.770	2192563	1706365	77.801	102.028 #
11)Endosulfan I	6.946	6.818	1549408	1966692	77.796	96.614
12)p,p'-DDE	7.134	7.053	2009527	1753392	78.534	94.476m
13)Dieldrin	7.382	7.196	1793159	1777356	74.595m	98.412m#
14)Endrin	7.640	7.657	1791412	1602332	79.411	99.501 #
15)p,p'-DDD	8.082	7.743	1541882	1374860	76.804	97.445 #
16)Endosulfan II	8.204	7.872	1759967	1600466	79.414	99.537 #
17)p,p'-DDT	8.291	8.119	1357106	1422677	79.195	106.212m#
18)Endrin Aldehyde	8.697	8.270	1322162	1857637	78.142m	153.993m#
19)Endosulfan Sulfat	9.067	8.421	1579672	1453962	82.101m	100.030m
20)Methoxychlor	8.989	9.177	850429	824520	85.299m	106.888m#
21)Endrin Ketone	9.580	9.389	1742645	1687463	82.165	99.849m
22)DCB-Surrogate	10.542	10.889	1630148	1533944	83.530	100.739m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

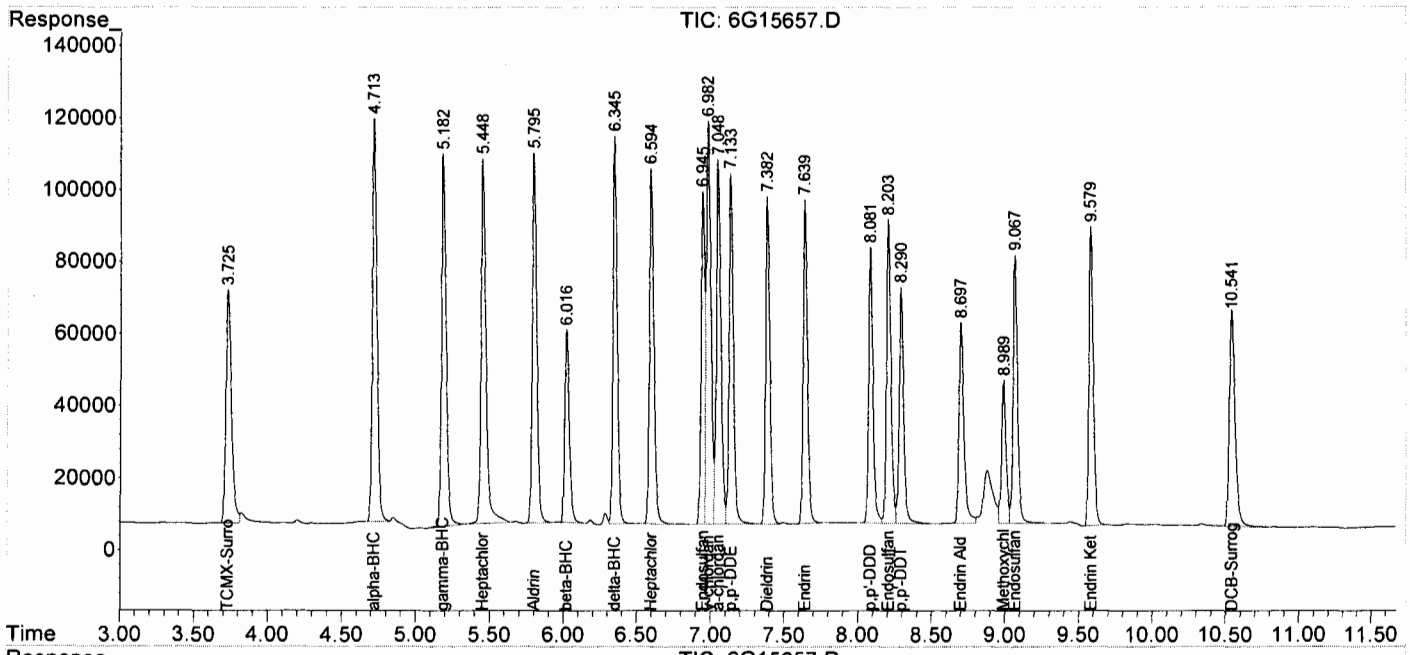
DP

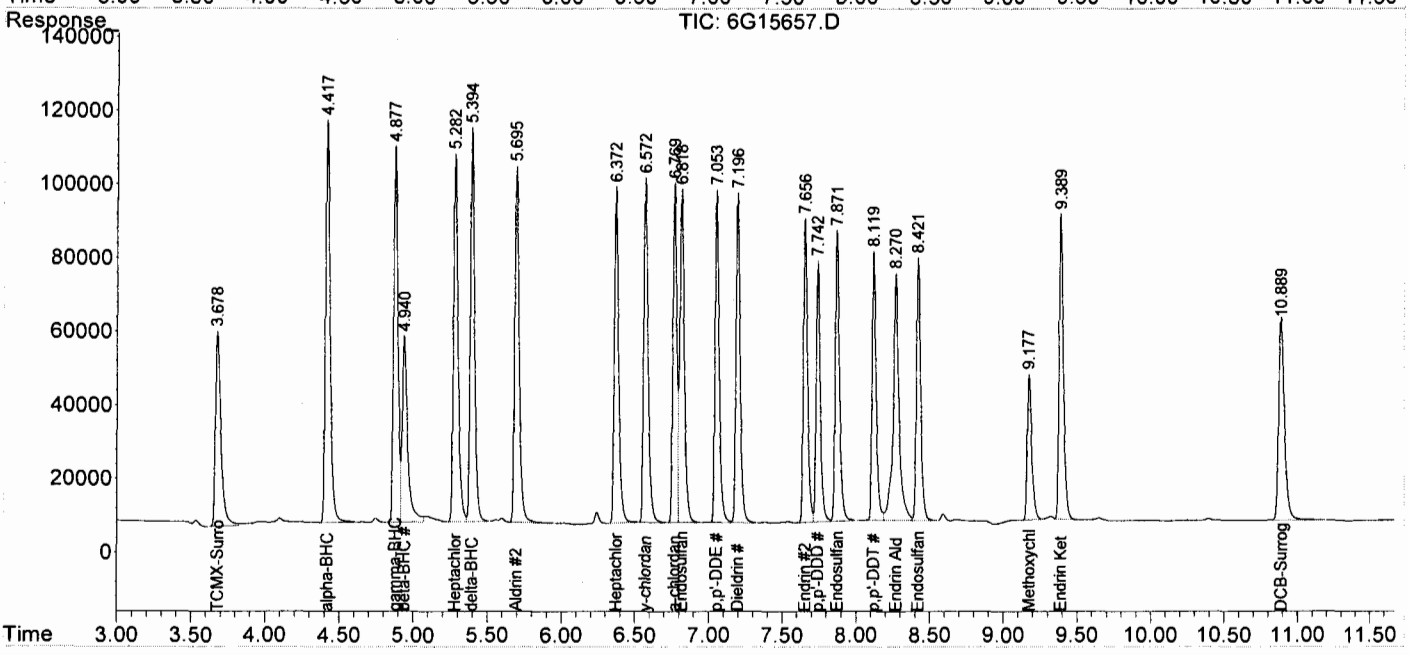
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15657.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 9:58
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 13:47:16 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Tue Jul 07 11:24:19 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15661.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 11:06
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:27:08 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 10:51:59 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.726	3.679	3708684	3489366	173.055m	213.906
2)alpha-BHC	4.714	4.418	5799597	5585080	173.168m	208.353
3)gamma-BHC	5.184	4.878	5272142	4632632	179.976	212.680
4)beta-BHC	6.018	4.940	2709058	2762468	176.669	212.827
5)Heptachlor	5.448	5.283	4863102	4606260	174.383m	212.953
6)delta-BHC	6.345	5.394	4960414	4694927	174.414m	212.422
7)Aldrin	5.797	5.696	4974544	4468246	172.969	214.540
8)Heptachlor Epoxid	6.596	6.372	4535058	4018264	180.686	217.905
9)y-chlordane	6.983	6.573	5524898	4181390	174.860	211.076
10)a-chlordane	7.049	6.769	4967987	3530078	176.285	211.073
11)Endosulfan I	6.947	6.817	3278369	4284970	171.105	210.499
12)p,p'-DDE	7.134	7.053	4658771	3863743	182.068	208.185m
13)Dieldrin	7.382	7.196	4379030	3865206	182.167m	212.382m
14)Endrin	7.641	7.657	4050355	3424246	179.546	212.638
15)p,p'-DDD	8.083	7.743	3507660	2967406	174.723	210.318
16)Endosulfan II	8.205	7.872	3938533	3369464	177.716	209.556
17)p,p'-DDT	8.292	8.120	2933213	2996335	167.755	218.813 #
18)Endrin Aldehyde	8.699	8.271	2977111	2644303	175.953	219.205m
19)Endosulfan Sulfat	9.068	8.420	3452005	3003746	179.412	206.652m
20)Methoxychlor	8.992	9.177	1928622	1709744	193.442	221.644
21)Endrin Ketone	9.580	9.389	3759623	3519167	177.265m	208.233m
22)DCB-Surrogate	10.542	10.890	3282714	3026339	172.097	206.091m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

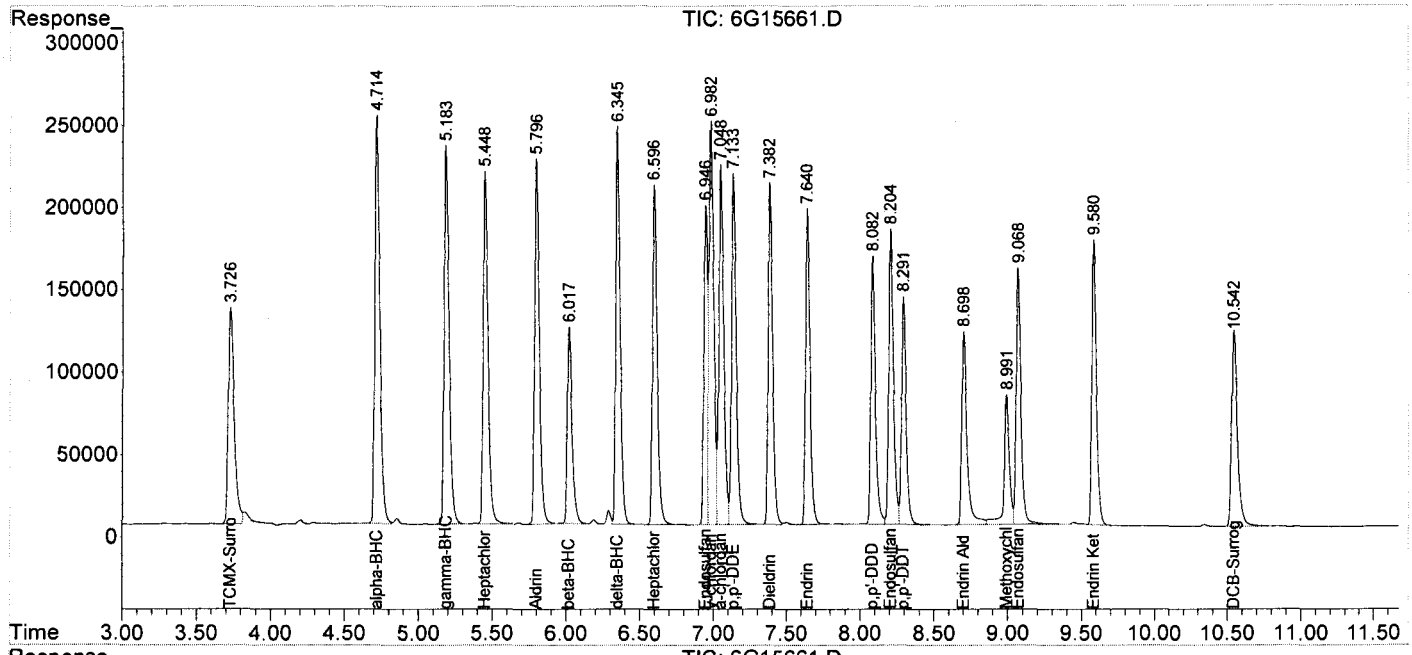
OP

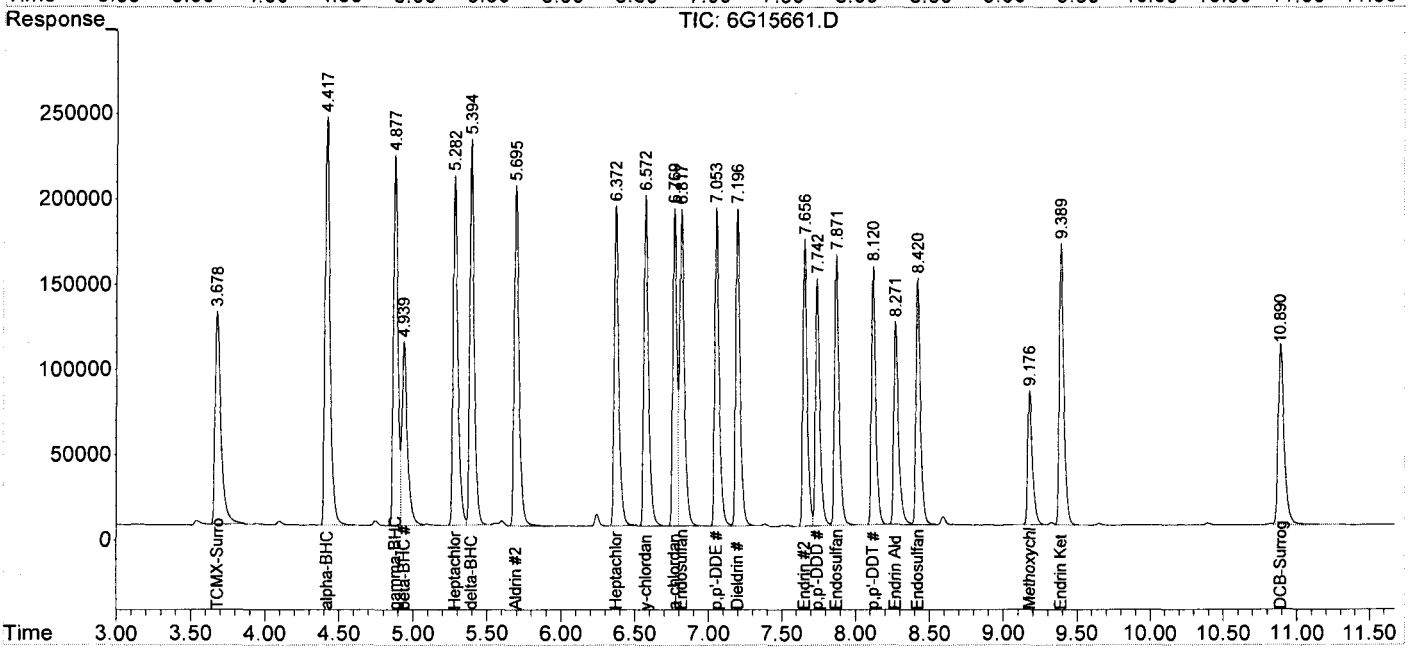
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15661.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 11:06
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:27:08 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 10:51:59 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15662.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 11:21
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:37:45 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 10:51:59 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.726	3.678	6978320	6609244	342.104	405.161
2)alpha-BHC	4.713	4.417	11542938	11054543	344.656m	412.392
3)gamma-BHC	5.183	4.877	10229061	8945876	349.192	410.698
4)beta-BHC	6.016	4.939	5100949	5352988	332.654m	412.406
5)Heptachlor	5.449	5.282	9264643	8953191	332.216	413.916
6)delta-BHC	6.345	5.394	9799282	9301460	344.554m	420.845
7)Aldrin	5.796	5.695	9690520	8754657	336.948	420.350
8)Heptachlor Epoxid	6.595	6.372	8728250	7767486	347.750	421.220
9)y-chlordane	6.982	6.572	10656646	8163773	337.276	412.106
10)a-chlordane	7.048	6.769	9632962	6749981	341.819	403.600
11)Endosulfan I	6.946	6.817	6116686	8337621	344.512	409.586
12)p,p'-DDE	7.134	7.053	9194547	7647009	359.330	412.033m
13)Dieldrin	7.382	7.195	8483603	7611646	352.917m	412.700m
14)Endrin	7.639	7.656	7889469	6748279	349.728	419.053
15)p,p'-DDD	8.082	7.742	6888614	5917945	343.134	419.441
16)Endosulfan II	8.204	7.871	7557061	6577518	340.992	409.073
17)p,p'-DDT	8.291	8.119	6050214	6040767	333.557	424.246 #
18)Endrin Aldehyde	8.697	8.270	5807545	5074112	343.237m	420.629m
19)Endosulfan Sulfat	9.067	8.420	6863365	5892465	356.712m	405.391m
20)Methoxychlor	8.989	9.176	3553573	3306289	356.426m	428.614
21)Endrin Ketone	9.578	9.389	7337973	6831929	345.984m	404.253m
22)DCB-Surrogate	10.541	10.887	6188486	5637621	339.229	414.125m
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

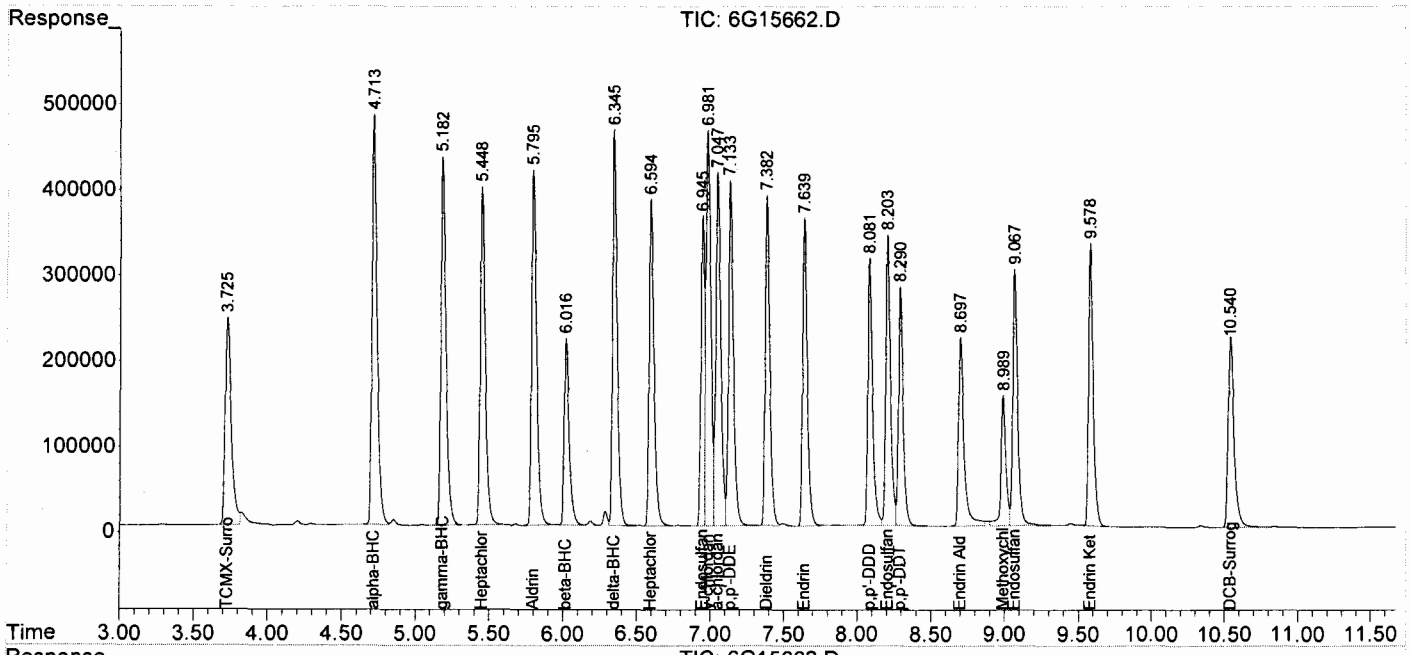
JP

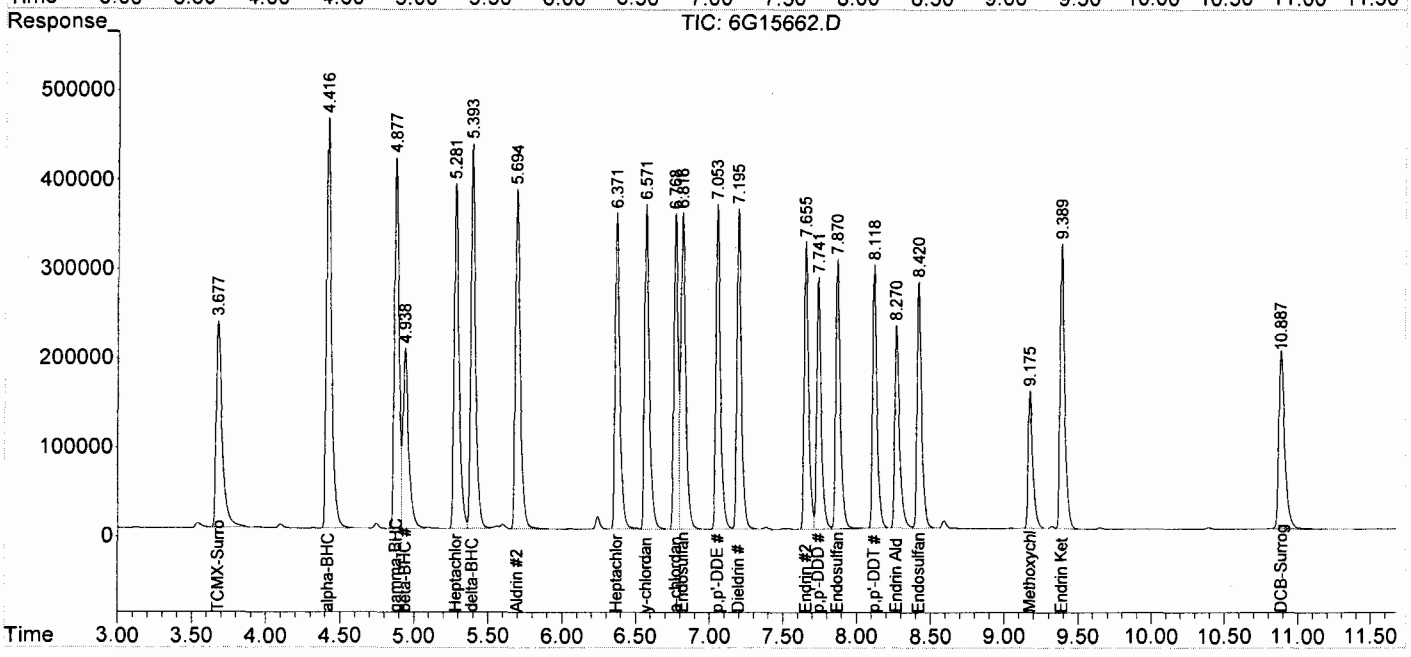
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15662.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 11:21
Operator : JP
Sample : CAL PEST@400PPB
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:37:45 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 10:51:59 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15663.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 11:36
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:55:11 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 11:52:58 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.727	3.678	2161151	1961587	98.753	120.250m
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	10.543	10.891	1849664	1720869	95.058	113.505
23)Chlordane {1}	5.266	5.092	112804	122810	77.773m	105.212 #
24)Chlordane {2}	6.984	6.573	283761	447476	84.988	103.796m
25)Chlordane {3}	7.050	6.769	463984	227529	84.272	102.346m
26)Toxaphene {1}	0.000	0.000	0	0	N.D. d	N.D. d
27)Toxaphene {2}	0.000	0.000	0	0	N.D. d	N.D. d
28)Toxaphene {3}	0.000	0.000	0	0	N.D. d	N.D. d
29)Toxaphene {4}	0.000	0.000	0	0	N.D. d	N.D. d
30)Toxaphene {5}	0.000	0.000	0	0	N.D. d	N.D. d

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

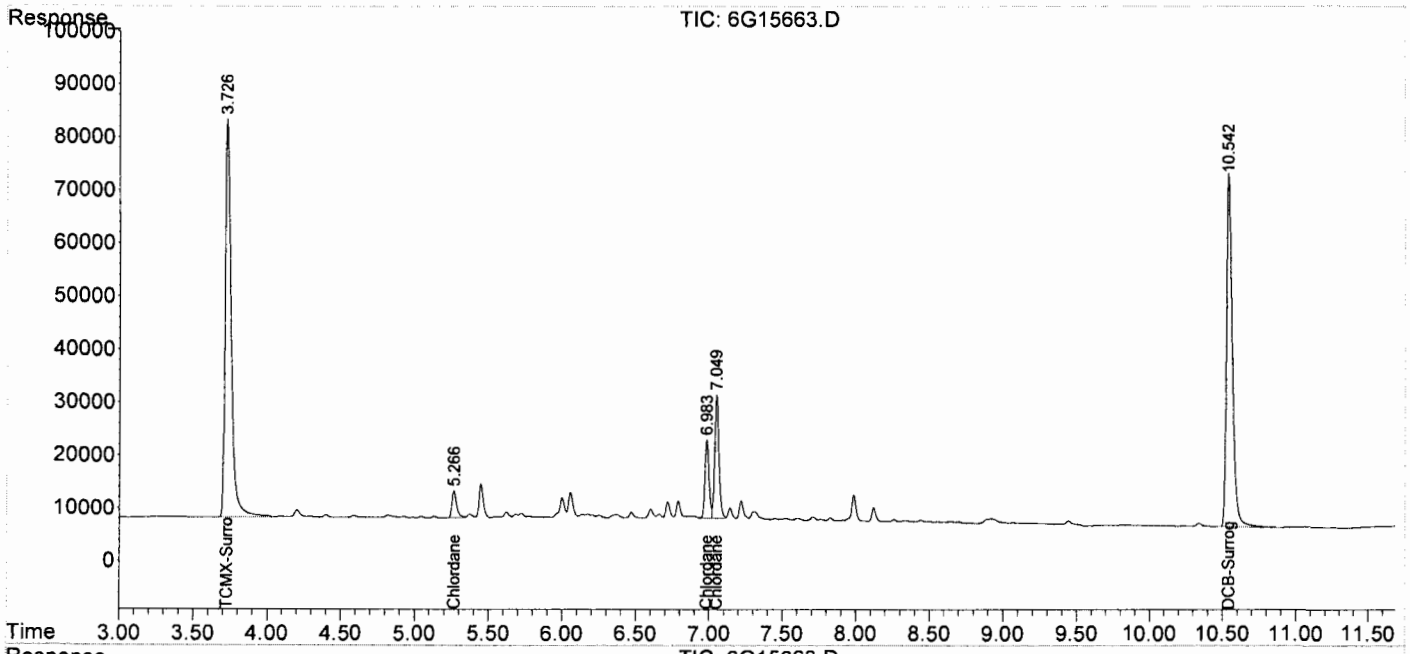
JP

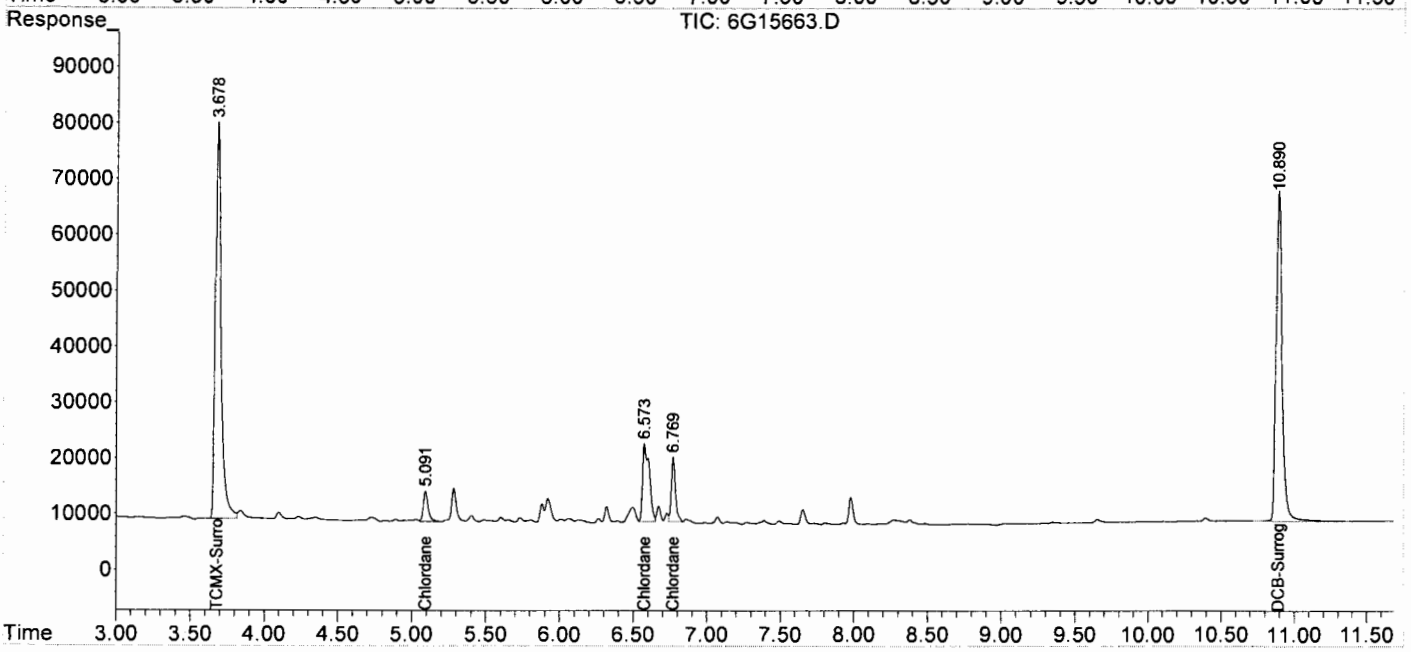
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15663.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 11:36
Operator : JP
Sample : CAL CHLO@100PPB
Misc : S,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 11:55:11 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 11:52:58 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

0942

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15664.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 11:51
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 12:10:14 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 12:07:09 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.726	3.678	1250057	1177079	56.454m	72.158m#
2)alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
3)gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
6)delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
8)Heptachlor Epoxid	0.000	0.000	0	0	N.D. d	N.D. d
9)y-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
10)a-chlordane	0.000	0.000	0	0	N.D. d	N.D. d
11)Endosulfan I	0.000	0.000	0	0	N.D. d	N.D. d
12)p,p'-DDE	0.000	0.000	0	0	N.D. d	N.D. d
13)Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
14)Endrin	0.000	0.000	0	0	N.D. d	N.D. d
15)p,p'-DDD	0.000	0.000	0	0	N.D. d	N.D. d
16)Endosulfan II	0.000	0.000	0	0	N.D. d	N.D. d
17)p,p'-DDT	0.000	0.000	0	0	N.D. d	N.D. d
18)Endrin Aldehyde	0.000	0.000	0	0	N.D. d	N.D. d
19)Endosulfan Sulfat	0.000	0.000	0	0	N.D. d	N.D. d
20)Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
21)Endrin Ketone	0.000	0.000	0	0	N.D. d	N.D. d
22)DCB-Surrogate	10.543	10.891	1119327	1055759	56.969	68.589
23)Chlordane {1}	0.000	0.000	0	0	N.D. d	N.D. d
24)Chlordane {2}	0.000	0.000	0	0	N.D. d	N.D. d
25)Chlordane {3}	0.000	0.000	0	0	N.D. d	N.D. d
26)Toxaphene {1}	7.055	6.935	71860	70984	394.585	515.248m#
27)Toxaphene {2}	7.893	7.909	87695	174688	413.906m	591.173m#
28)Toxaphene {3}	8.115	8.162	126029	107500	413.375m	511.813m
29)Toxaphene {4}	8.557	8.905	157634	145584	438.605m	544.402m
30)Toxaphene {5}	9.090	8.978	69632	92165	379.274m	539.013m#

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

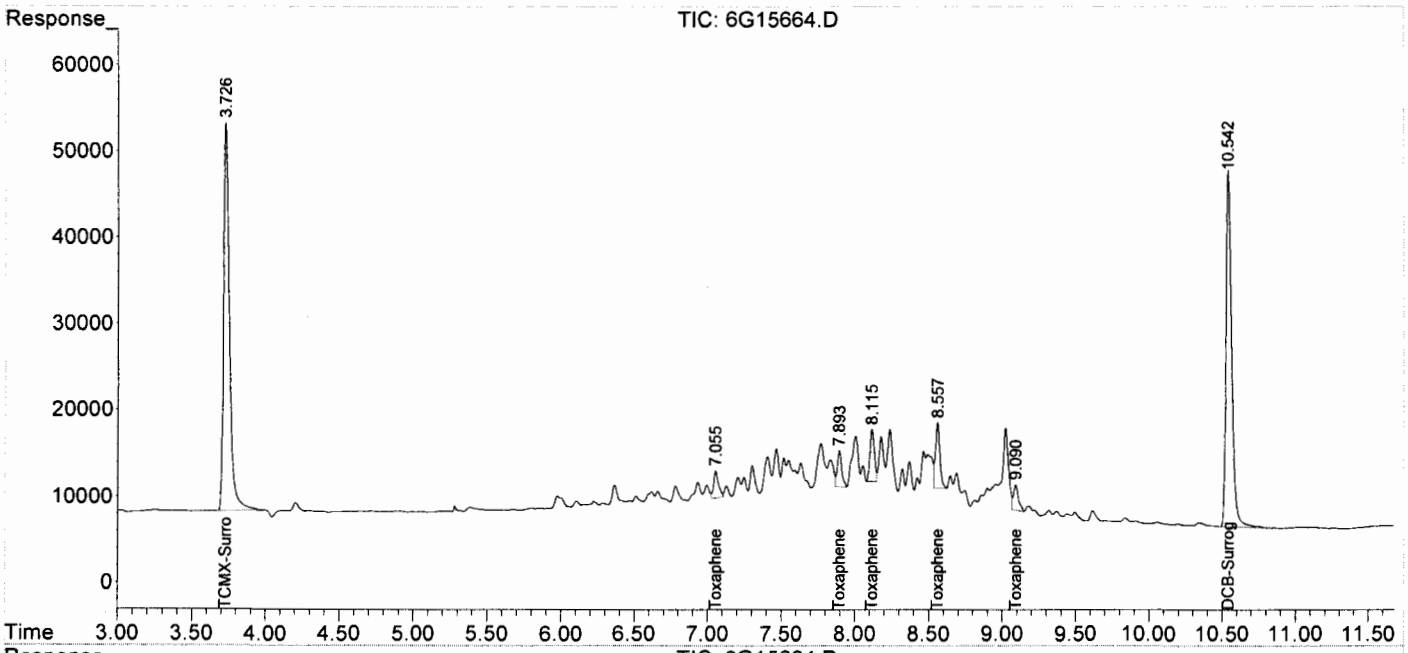
JP

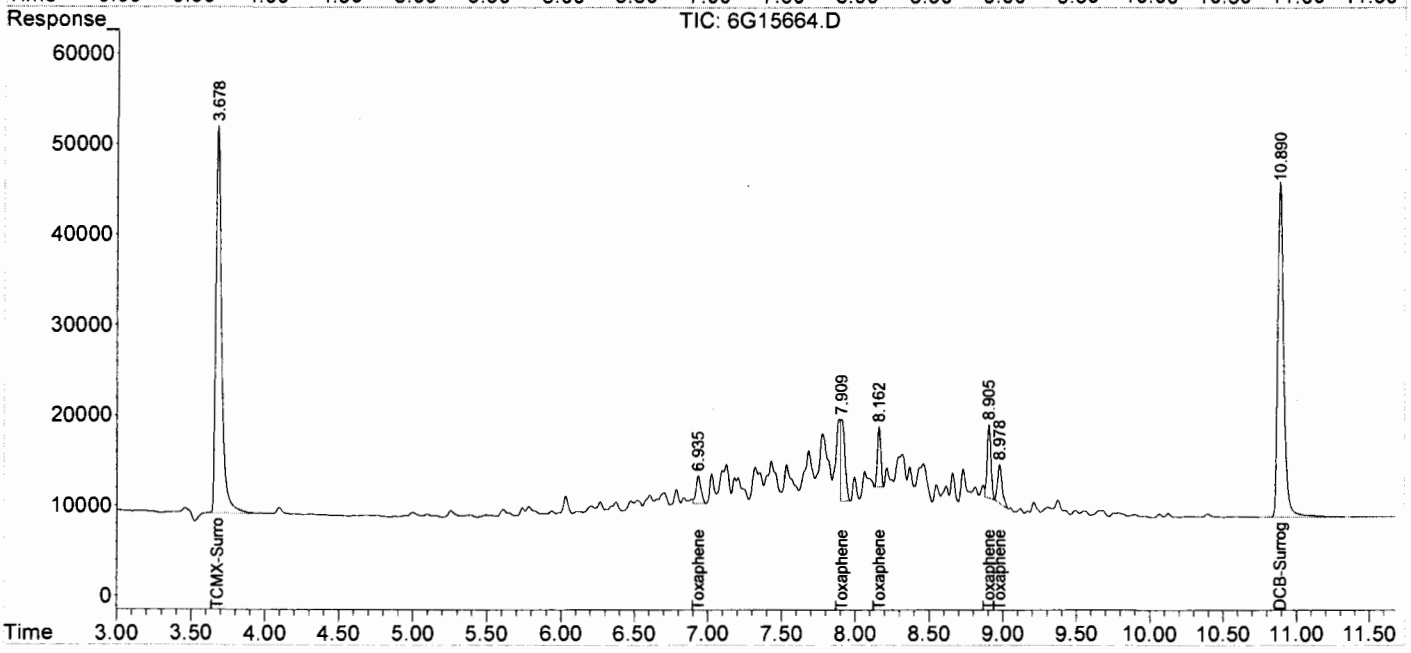
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-13-09\
Data File : 6G15664.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jul 2009 11:51
Operator : JP
Sample : CAL TOX@500PPB
Misc : S,PEST
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 13 12:10:14 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 12:07:09 2009
Response via : Initial Calibration
Integrator: ChemStation

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





Form7
Continuing Calibration

Method: EPA 8081A

Data File:			5G22951.D			5G22959.D			5G22971.D			5G22973.D			5G22988.D				
Method:			8081			8081			8081			8081			8081				
Calibration Name:			CAL PEST@100PP			CAL PEST@100PP			CAL PEST@200PP			CAL PEST@100PP			CAL PEST@200PP				
Calibration Date/Time			07/20/09 08:35			07/20/09 11:02			07/20/09 15:00			07/21/09 03:19			07/21/09 08:19				
				Conc			Conc			Conc			Conc			Conc				
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff		
TCMX-Surrogate	15	1	0	97.55	100	2.4	93.62	100	6.4	193.7	200	3.1	103.4	100	3.4	194.9	200	2.6		
alpha-BHC	15	1	0	99.74	100	0.3	101	100	1.0	203.3	200	1.6	107.6	100	7.6	206.7	200	3.3		
gamma-BHC	15	1	0	98.69	100	1.3	102.7	100	2.7	199.7	200	0.2	106.2	100	6.2	202.3	200	1.1		
beta-BHC	15	1	0	91.4	100	8.6	98.27	100	1.7	183.1	200	8.5	100.3	100	0.3	184.7	200	7.6		
Heptachlor	15	1	0	89.69	100	10.3	98.77	100	1.2	195.8	200	2.1	99.45	100	0.6	197.1	200	1.5		
delta-BHC	15	1	0	98.52	100	1.5	100.0	100	0.0	200.0	200	0.0	106.8	100	6.8	203.1	200	1.5		
Aldrin	15	1	0	98.59	100	1.4	104.9	100	4.8	195.6	200	2.2	105.0	100	5.0	196.7	200	1.7		
Heptachlor Epoxide	15	1	0	96.08	100	3.9	104.7	100	4.7	190.8	200	4.6	102	100	2.0	192	200	4.0		
y-chlordane	15	1	0	97.73	100	2.3	106.3	100	6.3	195.0	200	2.5	104.4	100	4.4	198	200	1.0		
a-chlordane	15	1	0	96.64	100	3.4	105.3	100	5.3	193	200	3.5	103.2	100	3.2	196.2	200	1.9		
Endosulfan I	15	1	0	96.85	100	3.2	105.2	100	5.2	192.7	200	3.7	102.6	100	2.6	193.6	200	3.2		
p,p'-DDE	15	1	0	98.03	100	2.0	106.1	100	6.1	196.7	200	1.7	104.8	100	4.8	199.8	200	0.1		
Dieldrin	15	1	0	97.96	100	2.0	110.2	100	10.2	197.7	200	1.1	100.1	100	0.1	200.3	200	0.2		
Endrin	15	1	0	98.33	100	1.7	110.3	100	10.3	207.4	200	3.7	105.8	100	5.8	206.5	200	3.3		
p,p'-DDD	15	1	0	94.47	100	5.5	106.7	100	6.7	199.9	200	0.0	97.26	100	2.7	201.1	200	0.5		
Endosulfan II	15	1	0	95.87	100	4.1	110.2	100	10.2	195.1	200	2.4	97.96	100	2.0	195.6	200	2.2		
p,p'-DDT	15	1	0	91.31	100	8.7	105.6	100	5.6	207.5	200	3.8	106.1	100	6.1	206.6	200	3.3		
Endrin Aldehyde	15	1	0	94.49	100	5.5	107.8	100	7.8	191.4	200	4.3	101.6	100	1.6	196.1	200	1.9		
Endosulfan Sulfate	15	1	0	95.15	100	4.8	104.1	100	4.1	193.8	200	3.1	100.1	100	0.1	195.5	200	2.2		
Methoxychlor	15	1	0	85.87	100	14.1	103.9	100	3.9	208.5	200	4.3	102.3	100	2.3	215.1	200	7.6		
Endrin Ketone	15	1	0	95.31	100	4.7	106.7	100	6.7	200.2	200	0.1	101.3	100	1.3	200.6	200	0.3		
DCB-Surrogate	15	1	0	92.16	100	7.8	97.24	100	2.8	188.5	200	5.8	97.05	100	2.9	191.3	200	4.4		
Average Difference	15	1	0			4.5			5.2			2.8			3.3			2.5		
TCMX-Surrogate	15	2	0	100.8	100	0.8	95.93	100	4.1	202.4	200	1.2	106.2	100	6.2	201.7	200	0.8		
alpha-BHC	15	2	0	95.84	100	4.2	98.34	100	1.7	192.3	200	3.9	101.1	100	1.1	194.5	200	2.8		
gamma-BHC	15	2	0	94.78	100	5.2	102.9	100	2.9	193.7	200	3.2	102.7	100	2.7	195.8	200	2.1		
beta-BHC	15	2	0	97.27	100	2.7	103.9	100	3.9	194.4	200	2.8	103.0	100	3.0	200.9	200	0.4		
Heptachlor	15	2	0	92.6	100	7.4	105.5	100	5.5	208.7	200	4.4	101.4	100	1.4	215.6	200	7.8		
delta-BHC	15	2	0	92.86	100	7.1	97.01	100	3.0	189.4	200	5.3	98.44	100	1.6	192.3	200	3.8		
Aldrin	15	2	0	91.97	100	8.0	99.45	100	0.6	184.8	200	7.6	95.47	100	4.5	187.3	200	6.4		
Heptachlor Epoxide	15	2	0	91.43	100	8.6	100.7	100	0.7	175.2	200	12.4	95.41	100	4.6	187.8	200	6.1		
y-chlordane	15	2	0	89.36	100	10.6	98.92	100	1.1	176.5	200	11.7	94.12	100	5.9	180.2	200	9.9		
a-chlordane	15	2	0	88.82	100	11.2	101.0	100	1.0	180.2	200	9.9	94.82	100	5.2	183.8	200	8.1		
Endosulfan I	15	2	0	94.38	100	5.6	102.0	100	2.0	182.1	200	8.9	99.31	100	0.7	194.2	200	2.9		
p,p'-DDE	15	2	0	90.23	100	9.8	99.9	100	0.1	183.9	200	8.1	94.93	100	5.1	187.2	200	6.4		
Dieldrin	15	2	0	91.19	100	8.8	106.7	100	6.7	193.2	200	3.4	97.53	100	2.5	195	200	2.5		
Endrin	15	2	0	93.5	100	6.5	108.1	100	8.1	207.1	200	3.5	101.6	100	1.6	206.4	200	3.2		
p,p'-DDD	15	2	0	91.31	100	8.7	105.5	100	5.5	201.1	200	0.6	97.93	100	2.1	206.9	200	3.5		
Endosulfan II	15	2	0	89.5	100	10.5	103.4	100	3.4	182.4	200	8.8	93.86	100	6.1	184.4	200	7.8		
p,p'-DDT	15	2	0	86.36	100	13.6	107.7	100	7.7	208.1	200	4.1	99.81	100	0.2	210.6	200	5.3		
Endrin Aldehyde	15	2	0	92.15	100	7.8	108.9	100	8.9	190.2	200	4.9	96.51	100	3.5	195.0	200	2.5		
Endosulfan Sulfate	15	2	0	89.26	100	10.7	100.9	100	0.9	184.3	200	7.8	95.39	100	4.6	189.4	200	5.3		
Methoxychlor	15	2	0	84.63	100	15.4	108.4	100	8.4	219.1	200	9.5	99.63	100	0.4	223.5	200	11.8		
Endrin Ketone	15	2	0	89.05	100	11.0	103.3	100	3.3	188.4	200	5.8	95.7	100	4.3	192.7	200	3.7		
DCB-Surrogate	15	2	0	90.97	100	9.0	97.22	100	2.8	183.3	200	8.3	95.91	100	4.1	188.8	200	5.6		
Average Difference	15	2	0			8.3			3.7			6.2			3.2			4.9		

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
Continuing Calibration

Method: EPA 8081A

Data File:				6G15723.D			6G15744.D												
Method:				8081			8081												
Calibration Name:				CAL PEST@100PP			CAL PEST@200PP												
Calibration Date/Time				07/20/09 08:08			07/20/09 14:20												
					Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	94.52	100	5.5	201.5	200	0.8										
alpha-BHC	15	1	0	96.61	100	3.4	208.6	200	4.3										
gamma-BHC	15	1	0	96.53	100	3.5	205.8	200	2.9										
beta-BHC	15	1	0	93.28	100	6.7	193.5	200	3.3										
Heptachlor	15	1	0	95.76	100	4.2	211.3	200	5.7										
delta-BHC	15	1	0	90.27	100	9.7	198.5	200	0.7										
Aldrin	15	1	0	90.65	100	9.3	199.4	200	0.3										
Heptachlor Epoxide	15	1	0	93.28	100	6.7	196.7	200	1.6										
y-chlordane	15	1	0	90.62	100	9.4	197.2	200	1.4										
a-chlordane	15	1	0	89.64	100	10.4	193.7	200	3.2										
Endosulfan I	15	1	0	94.02	100	6.0	198.9	200	0.5										
p,p'-DDE	15	1	0	85.16	100	14.8	191.9	200	4.0										
Dieldrin	15	1	0	92.1	100	7.9	195.8	200	2.1										
Endrin	15	1	0	84.98	100	15.0	198.9	200	0.5										
p,p'-DDD	15	1	0	84.52	100	15.5	197.2	200	1.4										
Endosulfan II	15	1	0	89.4	100	10.6	193.3	200	3.3										
p,p'-DDT	15	1	0	87.08	100	12.9	211.3	200	5.7										
Endrin Aldehyde	15	1	0	91.47	100	8.5	196	200	2.0										
Endosulfan Sulfate	15	1	0	85.46	100	14.5	192.1	200	3.9										
Methoxychlor	15	1	0	85.51	100	14.5	193.0	200	3.5										
Endrin Ketone	15	1	0	94	100	6.0	208.1	200	4.0										
DCB-Surrogate	15	1	0	97.53	100	2.5	200.5	200	0.3										
Average Difference	15	1	0			9.0			2.5										
TCMX-Surrogate	15	2	0	115	100	15.0	198.2	200	0.9										
alpha-BHC	15	2	0	100.8	100	0.8	187.6	200	6.2										
gamma-BHC	15	2	0	107	100	7.0	197.5	200	1.2										
beta-BHC	15	2	0	102.6	100	2.6	181.6	200	9.2										
Heptachlor	15	2	0	98.65	100	1.3	197.6	200	1.2										
delta-BHC	15	2	0	104.2	100	4.2	198.8	200	0.6										
Aldrin	15	2	0	100.5	100	0.5	188.9	200	5.5										
Heptachlor Epoxide	15	2	0	103.4	100	3.4	186.5	200	6.7										
y-chlordane	15	2	0	100.9	100	0.9	188	200	6.0										
a-chlordane	15	2	0	106.4	100	6.4	192.5	200	3.7										
Endosulfan I	15	2	0	99.83	100	0.2	188.8	200	5.6										
p,p'-DDE	15	2	0	96.37	100	3.6	185.2	200	7.4										
Dieldrin	15	2	0	100.4	100	0.4	189.9	200	5.1										
Endrin	15	2	0	94.82	100	5.2	193.8	200	3.1										
p,p'-DDD	15	2	0	95.37	100	4.6	190.6	200	4.7										
Endosulfan II	15	2	0	101.1	100	1.1	190.1	200	5.0										
p,p'-DDT	15	2	0	93.9	100	6.1	186.8	200	6.6										
Endrin Aldehyde	15	2	0	83.06	100	16.9*	161.3	200	19.3*										
Endosulfan Sulfate	15	2	0	96.94	100	3.1	192.1	200	4.0										
Methoxychlor	15	2	0	96.01	100	4.0	190.1	200	4.9										
Endrin Ketone	15	2	0	98.44	100	1.6	188.9	200	5.5										
DCB-Surrogate	15	2	0	105.8	100	5.8	188.4	200	5.8										
Average Difference	15	2	0			4.3			5.4										

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
RtWindow Summary

Method: EPA 8081A

			Data File:	5G22865.D		6G15665.D		5G22951.D		5G22959.D		5G22973.D	
			Calibration Name:	CAL PEST@2PPB		CAL PEST@2PPB		CAL PEST@100PPB		CAL PEST@100PPB		CAL PEST@100PPB	
			Calibration Date/Time	7/9/2009 4:14:00 AM		7/13/2009 12:06:00 PM		7/20/2009 8:35:00 AM		7/20/2009 11:02:00 AM		7/21/2009 3:19:00 AM	
Compound	Col	Mr		Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0		6.29	(6.23 - 6.35)	3.73	(3.67 - 3.79)	6.29	(6.23 - 6.35)	6.29	(6.23 - 6.35)	6.29	(6.23 - 6.35)
alpha-BHC	1	0		7.60	(7.56 - 7.64)	4.71	(4.67 - 4.75)	7.59	(7.55 - 7.63)	7.59	(7.55 - 7.63)	7.59	(7.55 - 7.63)
gamma-BHC	1	0		8.13	(8.09 - 8.17)	5.18	(5.14 - 5.22)	8.12	(8.08 - 8.16)	8.12	(8.08 - 8.16)	8.12	(8.08 - 8.16)
beta-BHC	1	0		9.04	(8.96 - 9.12)	6.02	(5.94 - 6.10)	9.03	(8.95 - 9.11)	9.03	(8.95 - 9.11)	9.03	(8.95 - 9.11)
Heptachlor	1	0		8.40	(8.36 - 8.44)	5.45	(5.41 - 5.49)	8.39	(8.35 - 8.43)	8.39	(8.35 - 8.43)	8.39	(8.35 - 8.43)
delta-BHC	1	0		9.36	(9.28 - 9.44)	6.35	(6.27 - 6.43)	9.35	(9.27 - 9.43)	9.35	(9.27 - 9.43)	9.35	(9.27 - 9.43)
Aldrin	1	0		8.75	(8.67 - 8.83)	5.80	(5.72 - 5.88)	8.75	(8.67 - 8.83)	8.75	(8.67 - 8.83)	8.75	(8.67 - 8.83)
Heptachlor Epoxide	1	0		9.58	(9.54 - 9.62)	6.60	(6.56 - 6.64)	9.57	(9.53 - 9.61)	9.57	(9.53 - 9.61)	9.58	(9.54 - 9.62)
v-chlordane	1	0		9.97	(9.93 - 10.01)	6.98	(6.94 - 7.02)	9.96	(9.92 - 10.00)	9.96	(9.92 - 10.00)	9.96	(9.92 - 10.00)
a-chlordane	1	0		10.03	(9.99 - 10.07)	7.05	(7.01 - 7.09)	10.02	(9.98 - 10.06)	10.02	(9.98 - 10.06)	10.02	(9.98 - 10.06)
Endosulfan I	1	0		9.92	(9.88 - 9.96)	6.95	(6.91 - 6.99)	9.91	(9.87 - 9.95)	9.91	(9.87 - 9.95)	9.92	(9.88 - 9.96)
p,p'-DDE	1	0		10.12	(10.04 - 10.20)	7.13	(7.05 - 7.21)	10.11	(10.03 - 10.19)	10.11	(10.03 - 10.19)	10.11	(10.03 - 10.19)
Dieldrin	1	0		10.36	(10.28 - 10.44)	7.38	(7.30 - 7.46)	10.35	(10.27 - 10.43)	10.35	(10.27 - 10.43)	10.35	(10.27 - 10.43)
Endrin	1	0		10.60	(10.56 - 10.64)	7.64	(7.60 - 7.68)	10.59	(10.55 - 10.63)	10.59	(10.55 - 10.63)	10.59	(10.55 - 10.63)
p,p'-DDD	1	0		11.04	(10.96 - 11.12)	8.08	(8.00 - 8.16)	11.03	(10.95 - 11.11)	11.03	(10.95 - 11.11)	11.03	(10.95 - 11.11)
Endosulfan II	1	0		11.15	(11.07 - 11.23)	8.21	(8.13 - 8.29)	11.15	(11.07 - 11.23)	11.14	(11.06 - 11.22)	11.15	(11.07 - 11.23)
p,p'-DDT	1	0		11.23	(11.15 - 11.31)	8.29	(8.21 - 8.37)	11.22	(11.14 - 11.30)	11.22	(11.14 - 11.30)	11.22	(11.14 - 11.30)
Endrin Aldehyde	1	0		11.64	(11.56 - 11.72)	8.70	(8.62 - 8.78)	11.63	(11.55 - 11.71)	11.63	(11.55 - 11.71)	11.63	(11.55 - 11.71)
Endosulfan Sulfate	1	0		11.99	(11.95 - 12.03)	9.07	(9.03 - 9.11)	11.98	(11.94 - 12.02)	11.98	(11.94 - 12.02)	11.98	(11.94 - 12.02)
Methoxychlor	1	0		11.90	(11.86 - 11.94)	8.99	(8.95 - 9.03)	11.89	(11.85 - 11.93)	11.88	(11.84 - 11.92)	11.89	(11.85 - 11.93)
Endrin Ketone	1	0		12.47	(12.39 - 12.55)	9.58	(9.50 - 9.66)	12.46	(12.38 - 12.54)	12.46	(12.38 - 12.54)	12.46	(12.38 - 12.54)
DCB-Surrogate	1	0		13.38	(13.32 - 13.44)	10.54	(10.48 - 10.60)	13.37	(13.31 - 13.43)	13.36	(13.30 - 13.42)	13.37	(13.31 - 13.43)
Chlordane	1	1		8.40	(8.36 - 8.44)	5.27	(5.23 - 5.31)						
Chlordane	1	2		9.97	(9.93 - 10.01)	6.98	(6.94 - 7.02)						
Chlordane	1	3		10.03	(9.99 - 10.07)	7.05	(7.01 - 7.09)						
Toxaphene	1	1		10.85	(10.81 - 10.89)	7.06	(7.02 - 7.10)						
Toxaphene	1	2		11.18	(11.14 - 11.22)	7.89	(7.85 - 7.93)						
Toxaphene	1	3		11.49	(11.45 - 11.53)	8.11	(8.07 - 8.15)						
Toxaphene	1	4		11.92	(11.88 - 11.96)	8.56	(8.52 - 8.60)						
Toxaphene	1	5		11.99	(11.95 - 12.03)	9.09	(9.05 - 9.13)						
TCMX-Surrogate	2	0		6.24	(6.18 - 6.30)	3.68	(3.62 - 3.74)	6.24	(6.18 - 6.30)	6.24	(6.18 - 6.30)	6.24	(6.18 - 6.30)
alpha-BHC	2	0		7.25	(7.21 - 7.29)	4.42	(4.38 - 4.46)	7.25	(7.21 - 7.29)	7.25	(7.21 - 7.29)	7.25	(7.21 - 7.29)
gamma-BHC	2	0		7.79	(7.75 - 7.83)	4.88	(4.84 - 4.92)	7.79	(7.75 - 7.83)	7.79	(7.75 - 7.83)	7.79	(7.75 - 7.83)
beta-BHC	2	0		7.88	(7.80 - 7.96)	4.94	(4.86 - 5.02)	7.88	(7.80 - 7.96)	7.88	(7.80 - 7.96)	7.88	(7.80 - 7.96)
Heptachlor	2	0		8.23	(8.19 - 8.27)	5.28	(5.24 - 5.32)	8.23	(8.19 - 8.27)	8.23	(8.19 - 8.27)	8.23	(8.19 - 8.27)
delta-BHC	2	0		8.37	(8.29 - 8.45)	5.39	(5.31 - 5.47)	8.36	(8.28 - 8.44)	8.37	(8.29 - 8.45)	8.36	(8.28 - 8.44)
Aldrin	2	0		8.66	(8.58 - 8.74)	5.70	(5.62 - 5.78)	8.66	(8.58 - 8.74)	8.66	(8.58 - 8.74)	8.66	(8.58 - 8.74)
Heptachlor Epoxide	2	0		9.37	(9.33 - 9.41)	6.37	(6.33 - 6.41)	9.36	(9.32 - 9.40)	9.36	(9.32 - 9.40)	9.36	(9.32 - 9.40)
v-chlordane	2	0		9.57	(9.53 - 9.61)	6.57	(6.53 - 6.61)	9.56	(9.52 - 9.60)	9.56	(9.52 - 9.60)	9.56	(9.52 - 9.60)
a-chlordane	2	0		9.76	(9.72 - 9.80)	6.77	(6.73 - 6.81)	9.76	(9.72 - 9.80)	9.76	(9.72 - 9.80)	9.76	(9.72 - 9.80)
Endosulfan I	2	0		9.81	(9.77 - 9.85)	6.82	(6.78 - 6.86)	9.81	(9.77 - 9.85)	9.81	(9.77 - 9.85)	9.81	(9.77 - 9.85)
p,p'-DDE	2	0		10.04	(9.96 - 10.12)	7.05	(6.97 - 7.13)	10.04	(9.96 - 10.12)	10.04	(9.96 - 10.12)	10.04	(9.96 - 10.12)
Dieldrin	2	0		10.18	(10.10 - 10.26)	7.20	(7.12 - 7.28)	10.18	(10.10 - 10.26)	10.18	(10.10 - 10.26)	10.18	(10.10 - 10.26)
Endrin	2	0		10.63	(10.59 - 10.67)	7.66	(7.62 - 7.70)	10.62	(10.58 - 10.66)	10.62	(10.58 - 10.66)	10.62	(10.58 - 10.66)
p,p'-DDD	2	0		10.71	(10.63 - 10.79)	7.74	(7.66 - 7.82)	10.70	(10.62 - 10.78)	10.70	(10.62 - 10.78)	10.70	(10.62 - 10.78)
Endosulfan II	2	0		10.83	(10.75 - 10.91)	7.87	(7.79 - 7.95)	10.83	(10.75 - 10.91)	10.83	(10.75 - 10.91)	10.83	(10.75 - 10.91)
p,p'-DDT	2	0		11.07	(10.99 - 11.15)	8.12	(8.04 - 8.20)	11.06	(10.98 - 11.14)	11.06	(10.98 - 11.14)	11.06	(10.98 - 11.14)
Endrin Aldehyde	2	0		11.22	(11.14 - 11.30)	8.27	(8.19 - 8.35)	11.21	(11.13 - 11.29)	11.21	(11.13 - 11.29)	11.21	(11.13 - 11.29)
Endosulfan Sulfate	2	0		11.36	(11.32 - 11.40)	8.42	(8.38 - 8.46)	11.35	(11.31 - 11.39)	11.35	(11.31 - 11.39)	11.35	(11.31 - 11.39)
Methoxychlor	2	0		12.06	(12.02 - 12.10)	9.18	(9.14 - 9.22)	12.06	(12.02 - 12.10)	12.06	(12.02 - 12.10)	12.06	(12.02 - 12.10)
Endrin Ketone	2	0		12.28	(12.20 - 12.36)	9.39	(9.31 - 9.47)	12.28	(12.20 - 12.36)	12.28	(12.20 - 12.36)	12.28	(12.20 - 12.36)
DCB-Surrogate	2	0		13.74	(13.68 - 13.80)	10.89	(10.83 - 10.95)	13.73	(13.67 - 13.79)	13.73	(13.67 - 13.79)	13.73	(13.67 - 13.79)
Chlordane	2	1		8.23	(8.19 - 8.27)	5.09	(5.05 - 5.13)						
Chlordane	2	2		9.57	(9.53 - 9.61)	6.57	(6.53 - 6.61)						
Chlordane	2	3		9.76	(9.72 - 9.80)	6.77	(6.73 - 6.81)						
Toxaphene	2	1		10.51	(10.47 - 10.55)	6.93	(6.89 - 6.97)						
Toxaphene	2	2		10.87	(10.83 - 10.91)	7.91	(7.87 - 7.95)						
Toxaphene	2	3		11.11	(11.07 - 11.15)	8.16	(8.12 - 8.20)						
Toxaphene	2	4		11.82	(11.78 - 11.86)	8.91	(8.87 - 8.95)						
Toxaphene	2	5		11.89	(11.85 - 11.93)	8.98	(8.94 - 9.02)						

Form7
RtWindow Summary

Method: EPA 8081A

Data File:	6G15723.D			
Calibration Name:	CAL PEST@100PPB			
Calibration Date/Time	7/20/2009 8:08:00 AM			

Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	3.72	(3.66 - 3.78)								
alpha-BHC	1	0	4.71	(4.67 - 4.75)								
gamma-BHC	1	0	5.18	(5.14 - 5.22)								
beta-BHC	1	0	6.01	(5.93 - 6.09)								
Heptachlor	1	0	5.44	(5.40 - 5.48)								
delta-BHC	1	0	6.34	(6.26 - 6.42)								
Aldrin	1	0	5.79	(5.71 - 5.87)								
Heptachlor Epoxide	1	0	6.59	(6.55 - 6.63)								
v-chlordane	1	0	6.98	(6.94 - 7.02)								
a-chlordane	1	0	7.04	(7.00 - 7.08)								
Endosulfan I	1	0	6.94	(6.90 - 6.98)								
p,p'-DDE	1	0	7.13	(7.05 - 7.21)								
Dieldrin	1	0	7.38	(7.30 - 7.46)								
Endrin	1	0	7.63	(7.59 - 7.67)								
p,p'-DDD	1	0	8.07	(7.99 - 8.15)								
Endosulfan II	1	0	8.20	(8.12 - 8.28)								
p,p'-DDT	1	0	8.28	(8.20 - 8.36)								
Endrin Aldehyde	1	0	8.69	(8.61 - 8.77)								
Endosulfan Sulfate	1	0	9.06	(9.02 - 9.10)								
Methoxychlor	1	0	8.99	(8.95 - 9.03)								
Endrin Ketone	1	0	9.57	(9.49 - 9.65)								
DCB-Surrogate	1	0	10.53	(10.47 - 10.59)								
Chlordane	1	1										
Chlordane	1	2										
Chlordane	1	3										
Toxaphene	1	1										
Toxaphene	1	2										
Toxaphene	1	3										
Toxaphene	1	4										
Toxaphene	1	5										
TCMX-Surrogate	2	0	3.67	(3.61 - 3.73)								
alpha-BHC	2	0	4.41	(4.37 - 4.45)								
gamma-BHC	2	0	4.87	(4.83 - 4.91)								
beta-BHC	2	0	4.93	(4.85 - 5.01)								
Heptachlor	2	0	5.28	(5.24 - 5.32)								
delta-BHC	2	0	5.39	(5.31 - 5.47)								
Aldrin	2	0	5.69	(5.61 - 5.77)								
Heptachlor Epoxide	2	0	6.36	(6.32 - 6.40)								
v-chlordane	2	0	6.57	(6.53 - 6.61)								
a-chlordane	2	0	6.76	(6.72 - 6.80)								
Endosulfan I	2	0	6.81	(6.77 - 6.85)								
p,p'-DDE	2	0	7.05	(6.97 - 7.13)								
Dieldrin	2	0	7.19	(7.11 - 7.27)								
Endrin	2	0	7.65	(7.61 - 7.69)								
p,p'-DDD	2	0	7.74	(7.66 - 7.82)								
Endosulfan II	2	0	7.86	(7.78 - 7.94)								
p,p'-DDT	2	0	8.11	(8.03 - 8.19)								
Endrin Aldehyde	2	0	8.26	(8.18 - 8.34)								
Endosulfan Sulfate	2	0	8.41	(8.37 - 8.45)								
Methoxychlor	2	0	9.17	(9.13 - 9.21)								
Endrin Ketone	2	0	9.38	(9.30 - 9.46)								
DCB-Surrogate	2	0	10.88	(10.82 - 10.94)								
Chlordane	2	1										
Chlordane	2	2										
Chlordane	2	3										
Toxaphene	2	1										
Toxaphene	2	2										
Toxaphene	2	3										
Toxaphene	2	4										
Toxaphene	2	5										

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22951.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:35
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 08:59:22 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.286	6.243	124.0E6	76236691	97.554m	100.805m
2)alpha-BHC	7.591	7.252	177.0E6	118.7E6	99.736	95.838m
3)gamma-BHC	8.121	7.791	163.8E6	100.1E6	98.692	94.780
4)beta-BHC	9.032	7.876	68725313	47528912	91.399	97.269
5)Heptachlor	8.388	8.228	137.3E6	70496102	89.685	92.597
6)delta-BHC	9.352	8.365	148.7E6	100.8E6	98.524	92.855m
7)Aldrin	8.746	8.662	150.8E6	89316929	98.587	91.969m
8)Heptachlor Epoxid	9.574	9.363	132.9E6	77748434	96.085	91.431m
9)y-chlordane	9.960	9.563	139.5E6	83179620	97.726	89.363m
10)a-chlordane	10.023	9.759	133.0E6	75043311	96.639	88.819
11)Endosulfan I	9.915	9.806	124.0E6	80468557	96.850	94.376
12)p,p'-DDE	10.107	10.041	136.2E6	78858465	98.033	90.232
13)Dieldrin	10.346	10.178	133.5E6	73496069	97.963	91.189
14)Endrin	10.593	10.625	110.7E6	56815631	98.327	93.505
15)p,p'-DDD	11.028	10.703	103.1E6	56416548	94.472	91.311
16)Endosulfan II	11.145	10.831	112.4E6	66685707	95.866	89.498
17)p,p'-DDT	11.221	11.062	91939586	45626935	91.313	86.360
18)Endrin Aldehyde	11.626	11.213	78856762	48801241	94.490	92.148
19)Endosulfan Sulfat	11.977	11.354	99960748	59029474	95.150	89.261m
20)Methoxychlor	11.885	12.056	41257574	18220479	85.870	84.626m
21)Endrin Ketone	12.461	12.278	101.5E6	67197661	95.310	89.048
22)DCB-Surrogate	13.365	13.733	100.2E6	59859588	92.163	90.968m

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

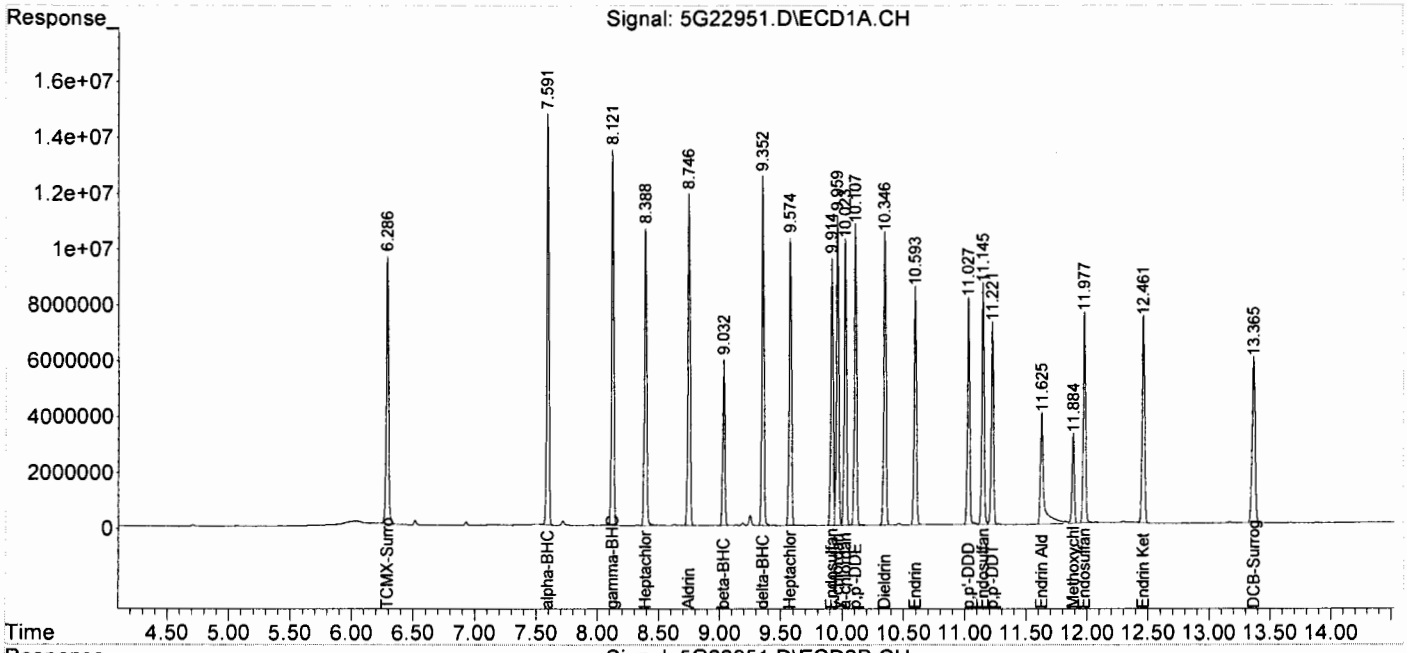
JP

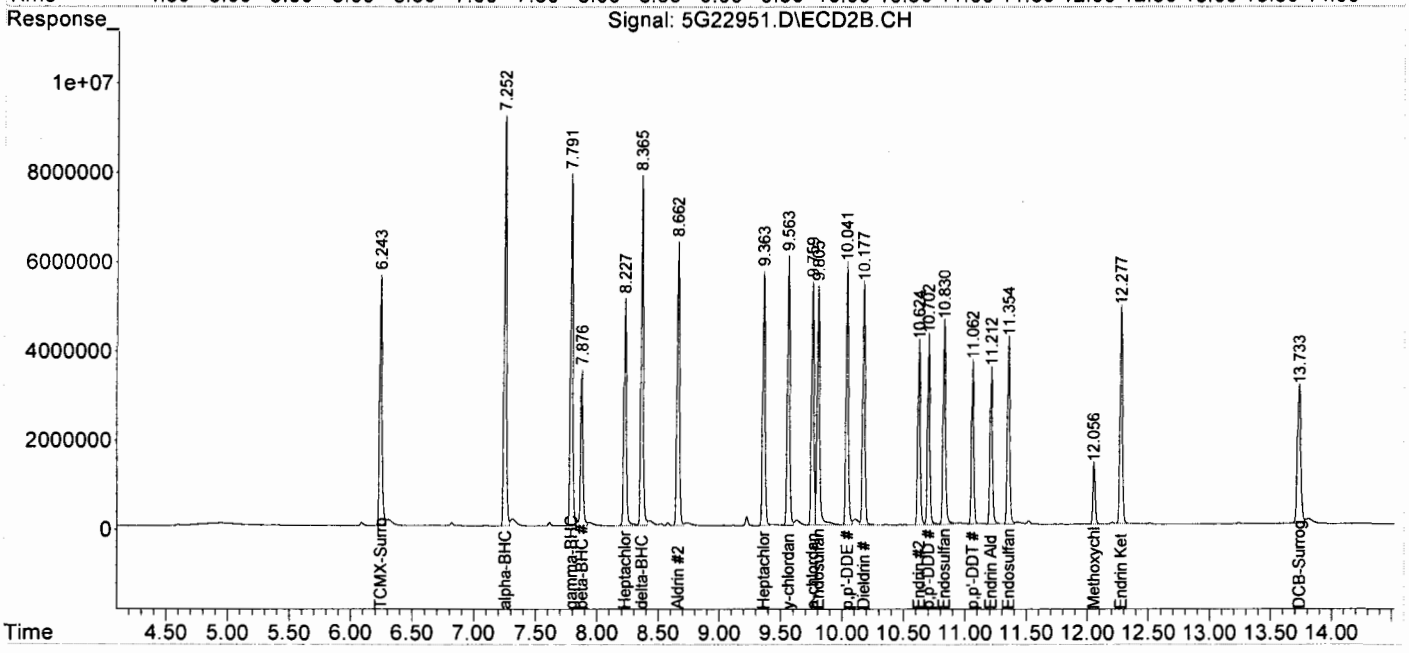
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22951.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:35
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 08:59:22 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22959.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 11:02
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:49:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.286	6.243	119.0E6	72550063	93.618m	95.930m
2)alpha-BHC	7.591	7.253	179.2E6	121.8E6	101.000	98.336m
3)gamma-BHC	8.121	7.792	170.4E6	108.6E6	102.659	102.858
4)beta-BHC	9.032	7.876	73894984	50790037	98.274	103.943
5)Heptachlor	8.388	8.228	151.2E6	80348943	98.771m	105.539
6)delta-BHC	9.353	8.366	151.0E6	105.3E6	100.006	97.012
7)Aldrin	8.746	8.663	160.4E6	96585917	104.849	99.454m
8)Heptachlor Epoxid	9.574	9.365	144.7E6	85615446	104.661m	100.682
9)y-chlordane	9.959	9.564	151.8E6	92076618	106.339	98.922
10)a-chlordane	10.023	9.760	144.9E6	85345934	105.275	101.013
11)Endosulfan I	9.914	9.806	134.6E6	86999333	105.146	102.035m
12)p,p'-DDE	10.106	10.041	147.4E6	87306807	106.105	99.899
13)Dieldrin	10.346	10.178	150.2E6	85968944	110.209	106.665
14)Endrin	10.592	10.625	124.2E6	65702187	110.332m	108.130
15)p,p'-DDD	11.027	10.703	116.4E6	65169090	106.663	105.477
16)Endosulfan II	11.144	10.831	129.1E6	77040099	110.163	103.395
17)p,p'-DDT	11.221	11.063	106.6E6	57239741	105.617	107.695m
18)Endrin Aldehyde	11.625	11.213	89936476	57660227	107.766	108.876m
19)Endosulfan Sulfat	11.976	11.354	109.4E6	66730725	104.134	100.907m
20)Methoxychlor	11.884	12.059	49924696	23334257	103.909	108.378
21)Endrin Ketone	12.460	12.277	113.6E6	77951395	106.715	103.299m
22)DCB-Surrogate	13.364	13.734	105.7E6	63976672	97.236	97.224m

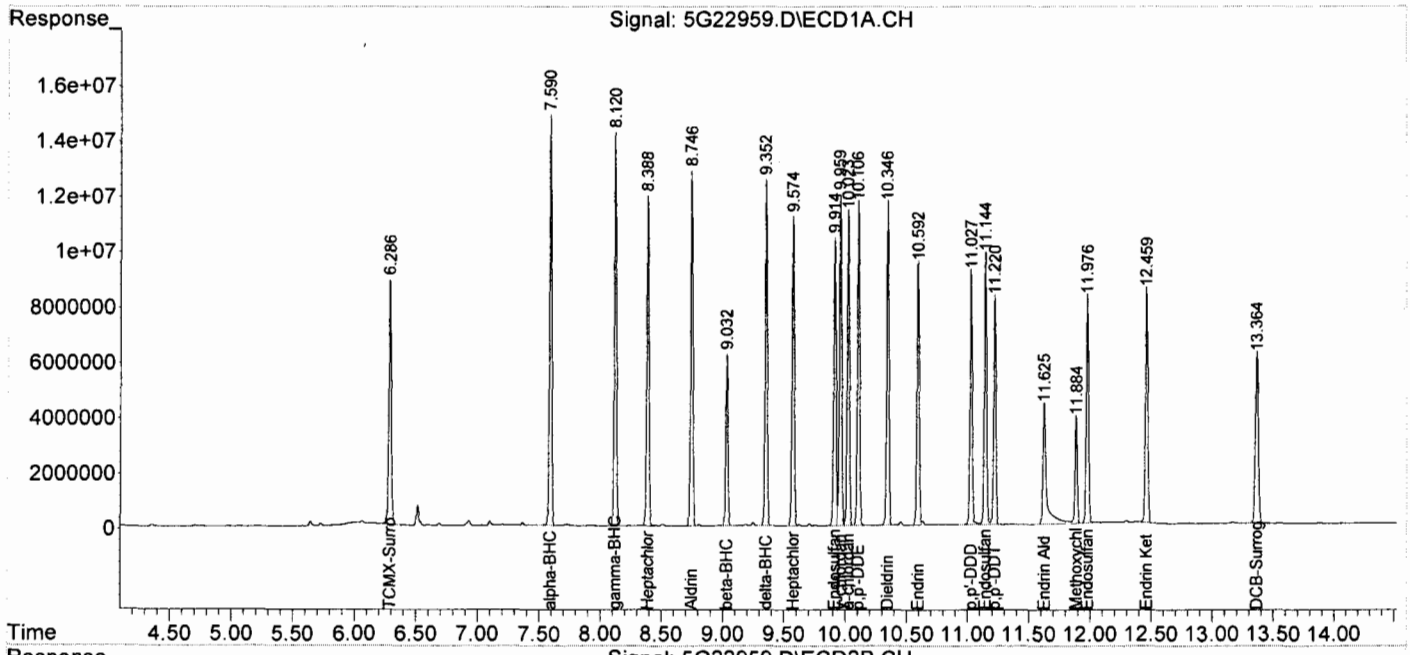
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

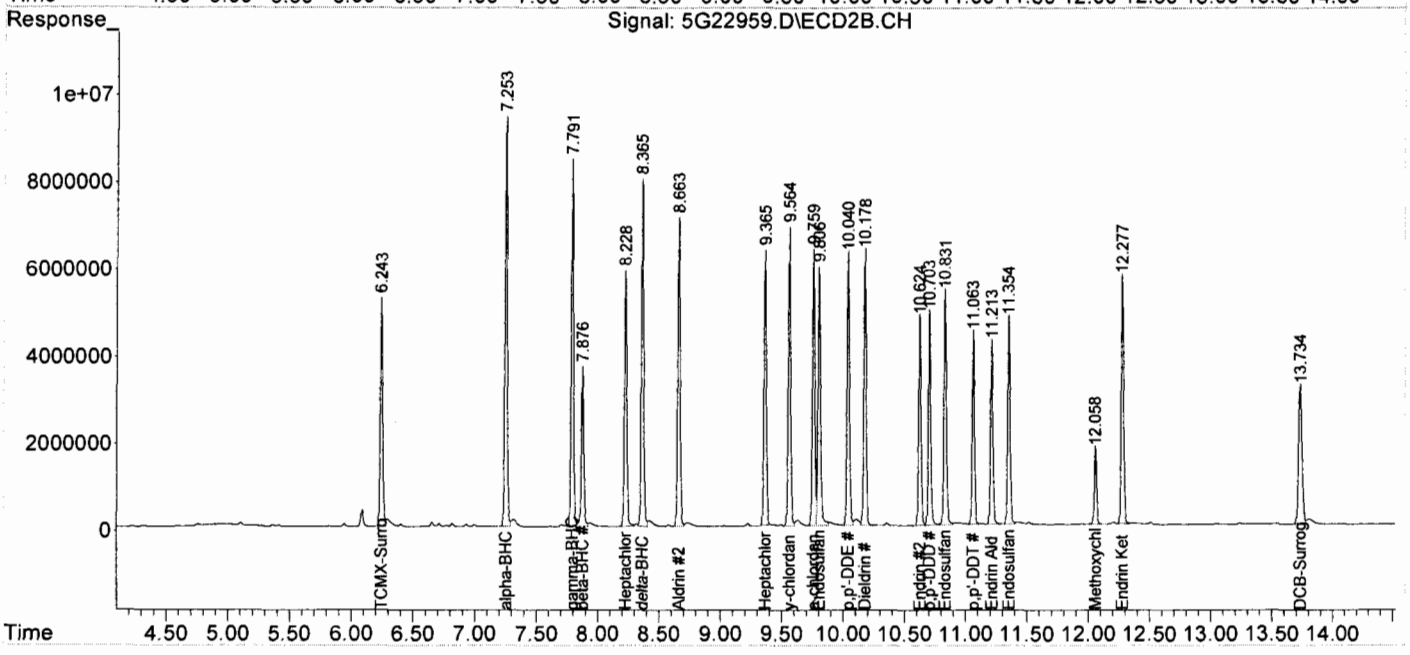
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22959.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 11:02
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:49:32 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22971.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 15:00
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST:0.25
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 15:19:35 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.288	6.243	246.1E6	153.1E6	193.720m	202.414m
2)alpha-BHC	7.592	7.254	360.7E6	238.1E6	203.247	192.270m
3)gamma-BHC	8.122	7.792	331.4E6	204.6E6	199.674	193.704
4)beta-BHC	9.033	7.876	137.6E6	94986042	183.049	194.392
5)Heptachlor	8.389	8.228	299.7E6	158.9E6	195.817	208.724
6)delta-BHC	9.353	8.366	302.0E6	205.5E6	200.034	189.353
7)Aldrin	8.747	8.663	299.2E6	179.5E6	195.584	184.829
8)Heptachlor Epoxid	9.575	9.364	263.8E6	149.0E6	190.769	175.168
9)y-chlordane	9.961	9.564	278.5E6	164.3E6	195.043	176.528
10)a-chlordane	10.024	9.760	265.6E6	152.3E6	192.972	180.212
11)Endosulfan I	9.915	9.806	246.8E6	155.3E6	192.695	182.098m
12)p,p'-DDE	10.107	10.041	273.2E6	160.7E6	196.659	183.880
13)Dieldrin	10.347	10.179	269.4E6	155.7E6	197.733	193.175
14)Endrin	10.594	10.625	233.5E6	125.8E6	207.370	207.045
15)p,p'-DDD	11.028	10.703	218.1E6	124.3E6	199.910	201.119
16)Endosulfan II	11.145	10.832	228.7E6	135.9E6	195.114	182.430
17)p,p'-DDT	11.222	11.064	212.6E6	113.7E6	207.512	208.101
18)Endrin Aldehyde	11.626	11.214	159.7E6	100.8E6	191.380	190.240
19)Endosulfan Sulfat	11.978	11.355	203.6E6	121.9E6	193.771	184.333
20)Methoxychlor	11.886	12.059	100.2E6	47165542	208.532	219.064
21)Endrin Ketone	12.461	12.279	213.2E6	142.2E6	200.243m	188.408
22)DCB-Surrogate	13.366	13.735	205.0E6	120.6E6	188.479m	183.298m

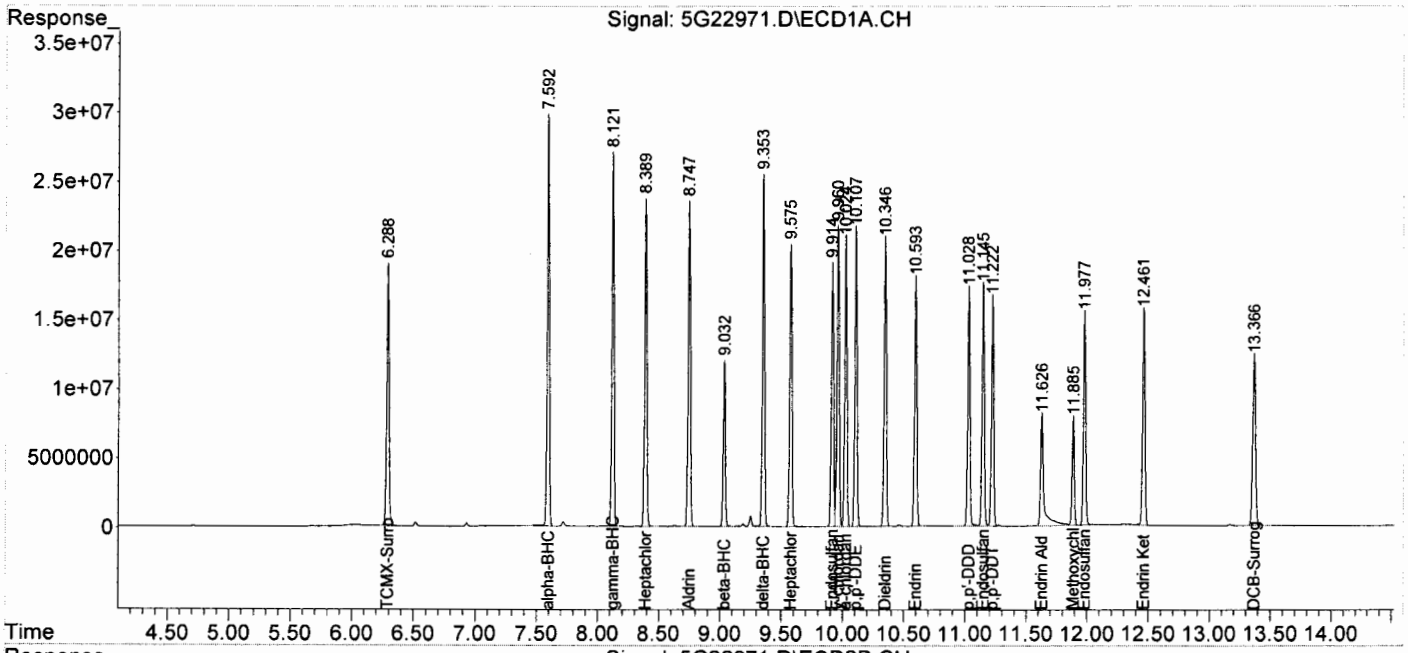
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

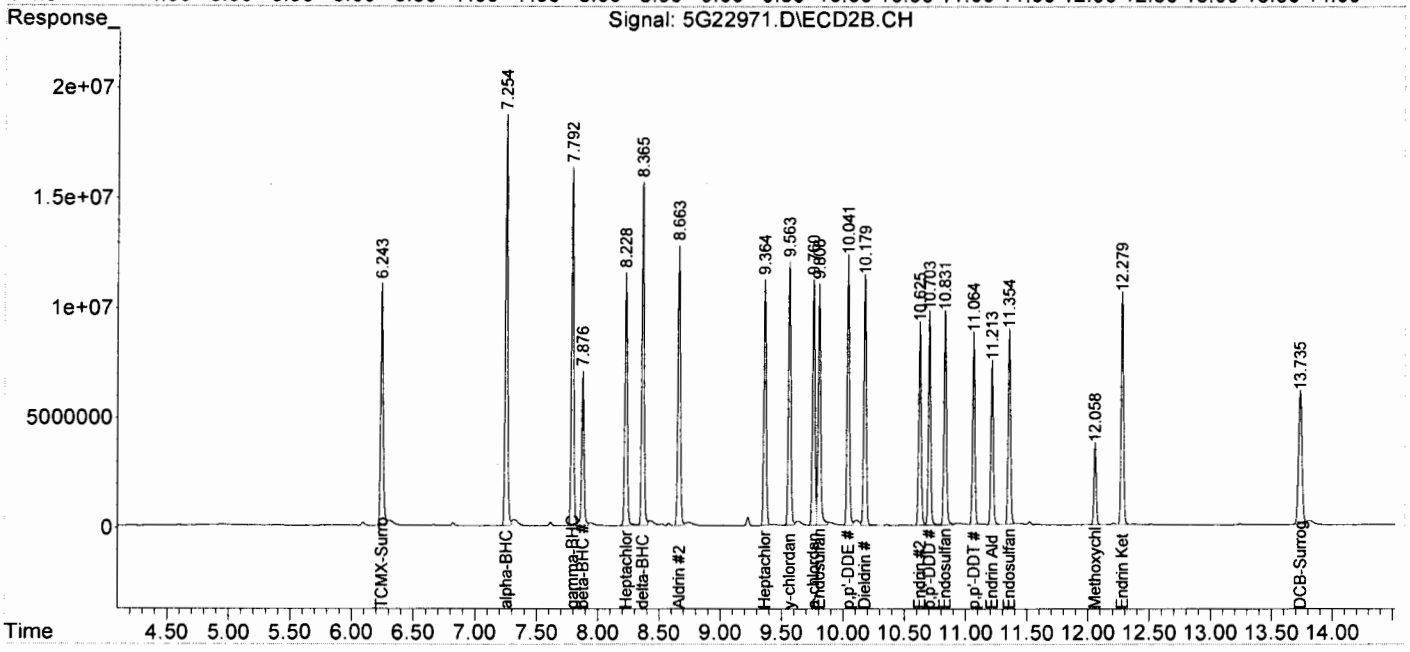
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22971.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 15:00
Operator : JP
Sample : CAL PEST@200PPB
Misc : A,PEST:0.25
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 15:19:35 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-21-09\
Data File : 5G22973.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jul 2009 3:19
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 21 07:39:24 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.288	6.242	131.3E6	80324885	103.373m	106.210m
2)alpha-BHC	7.592	7.251	190.9E6	125.2E6	107.564	101.112m
3)gamma-BHC	8.121	7.790	176.2E6	108.5E6	106.190	102.730
4)beta-BHC	9.033	7.875	75439728	50345164	100.328	103.033
5)Heptachlor	8.388	8.227	152.2E6	77210842	99.452	101.417
6)delta-BHC	9.353	8.364	161.3E6	106.8E6	106.828	98.440
7)Aldrin	8.747	8.662	160.7E6	92716473	105.028	95.470
8)Heptachlor Epoxid	9.576	9.363	141.1E6	81128351	101.995	95.406
9)y-chlordane	9.961	9.562	149.1E6	87603845	104.433	94.117m
10)a-chlordane	10.025	9.758	142.1E6	80111262	103.211	94.817
11)Endosulfan I	9.915	9.805	131.4E6	84671315	102.589	99.305
12)p,p'-DDE	10.108	10.040	145.6E6	82962350	104.829	94.928
13)Dieldrin	10.348	10.178	136.3E6	78604837	100.051	97.528
14)Endrin	10.594	10.624	119.2E6	61719129	105.806	101.575
15)p,p'-DDD	11.029	10.703	106.1E6	60505817	97.256	97.929
16)Endosulfan II	11.147	10.830	114.8E6	69935839	97.964	93.860
17)p,p'-DDT	11.223	11.062	107.1E6	52932476	106.112	99.811
18)Endrin Aldehyde	11.628	11.213	84802480	51108699	101.614	96.505
19)Endosulfan Sulfat	11.979	11.353	105.1E6	63085290	100.088	95.394m
20)Methoxychlor	11.887	12.058	49127014	21451145	102.249	99.631
21)Endrin Ketone	12.463	12.278	107.9E6	72217512	101.307m	95.701
22)DCB-Surrogate	13.368	13.733	105.5E6	63109710	97.049	95.907m

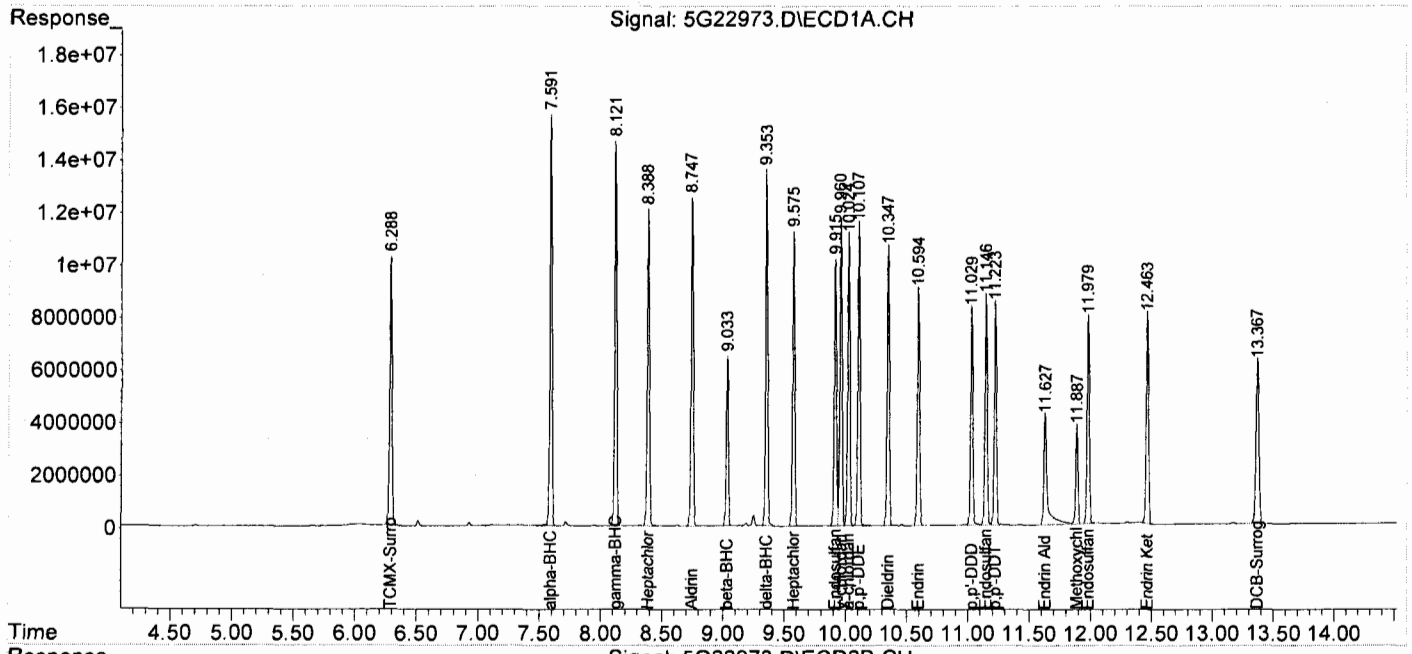
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

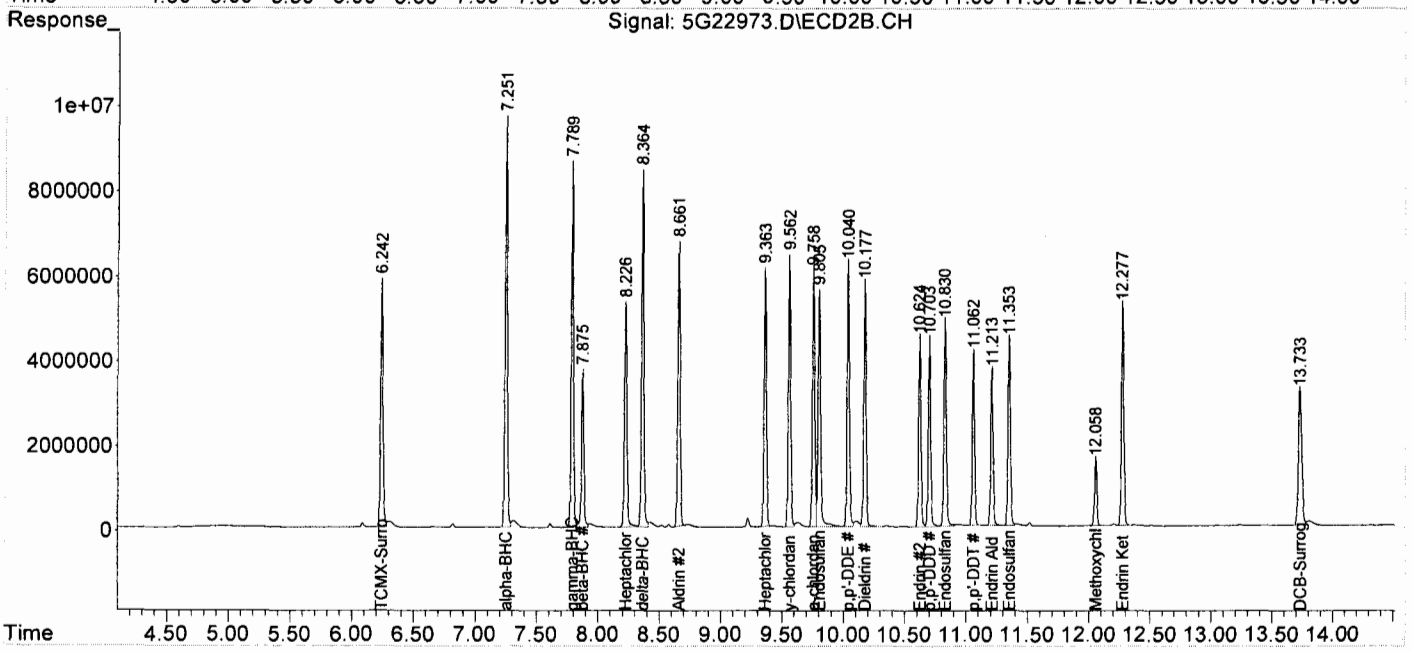
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-21-09\
Data File : 5G22973.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jul 2009 3:19
Operator : JP
Sample : CAL PEST@100PPB
Misc : A,PEST:0.5
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 21 07:39:24 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-21-09\
Data File : 5G22988.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jul 2009 8:19
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 21 10:48:05 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.285	6.246	247.6E6	152.5E6	194.863m	201.649m
2)alpha-BHC	7.588	7.255	366.8E6	240.8E6	206.703	194.458m
3)gamma-BHC	8.118	7.794	335.7E6	206.8E6	202.271	195.780
4)beta-BHC	9.029	7.878	138.9E6	98166651	184.726	200.901
5)Heptachlor	8.385	8.230	301.7E6	164.1E6	197.070	215.553
6)delta-BHC	9.349	8.366	306.6E6	208.8E6	203.095	192.333
7)Aldrin	8.743	8.664	300.9E6	181.9E6	196.648	187.253m
8)Heptachlor Epoxid	9.571	9.365	265.5E6	159.7E6	191.964m	187.746m
9)y-chlordane	9.957	9.564	282.6E6	167.7E6	197.953	180.193
10)a-chlordane	10.020	9.761	270.0E6	155.3E6	196.183	183.780
11)Endosulfan I	9.911	9.806	247.9E6	165.6E6	193.563	194.163
12)p,p'-DDE	10.103	10.041	277.6E6	163.6E6	199.807	187.174
13)Dieldrin	10.343	10.179	272.9E6	157.2E6	200.298	194.986
14)Endrin	10.590	10.625	232.6E6	125.4E6	206.509	206.345
15)p,p'-DDD	11.024	10.704	219.4E6	127.8E6	201.070	206.923
16)Endosulfan II	11.141	10.831	229.3E6	137.4E6	195.616	184.368
17)p,p'-DDT	11.218	11.064	211.6E6	115.1E6	206.560	210.550
18)Endrin Aldehyde	11.622	11.214	163.7E6	103.3E6	196.116	195.017
19)Endosulfan Sulfat	11.974	11.355	205.4E6	125.3E6	195.513	189.430m
20)Methoxychlor	11.881	12.059	103.4E6	48128578	215.138	223.537
21)Endrin Ketone	12.458	12.279	213.6E6	145.4E6	200.601	192.650
22)DCB-Surrogate	13.361	13.733	208.0E6	124.2E6	191.284	188.748m

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

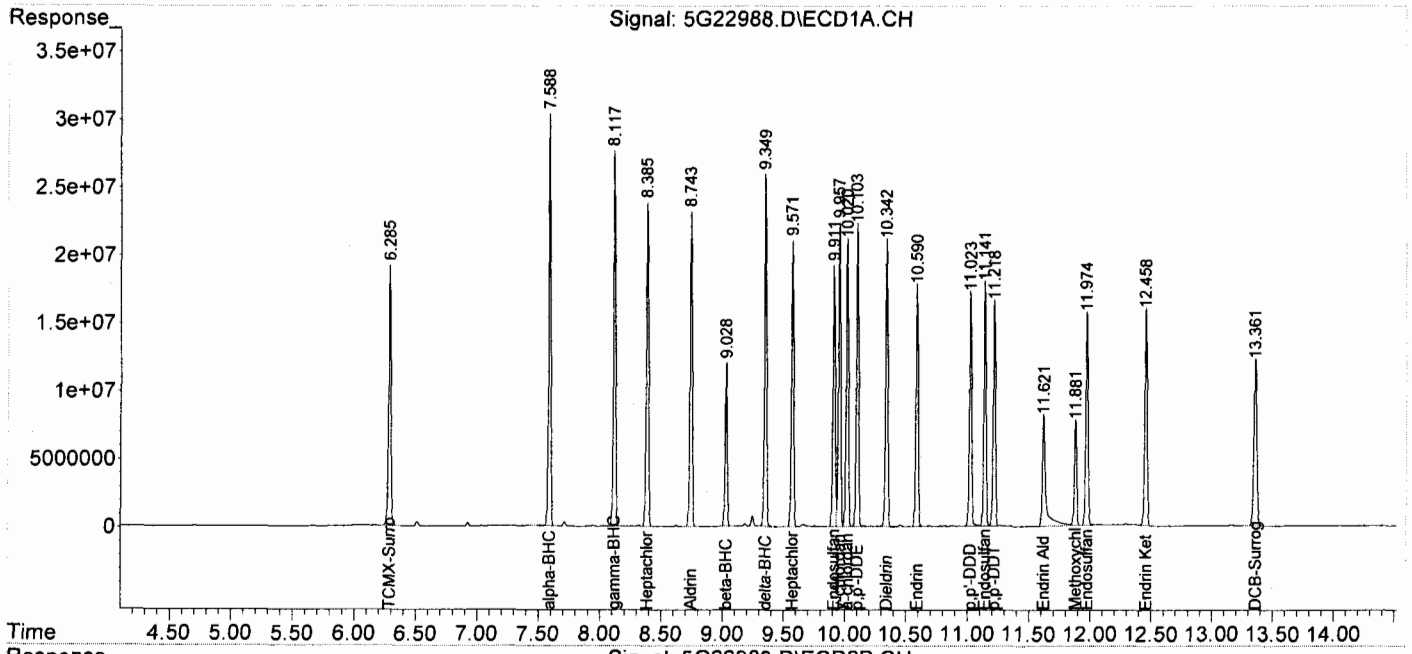
JP

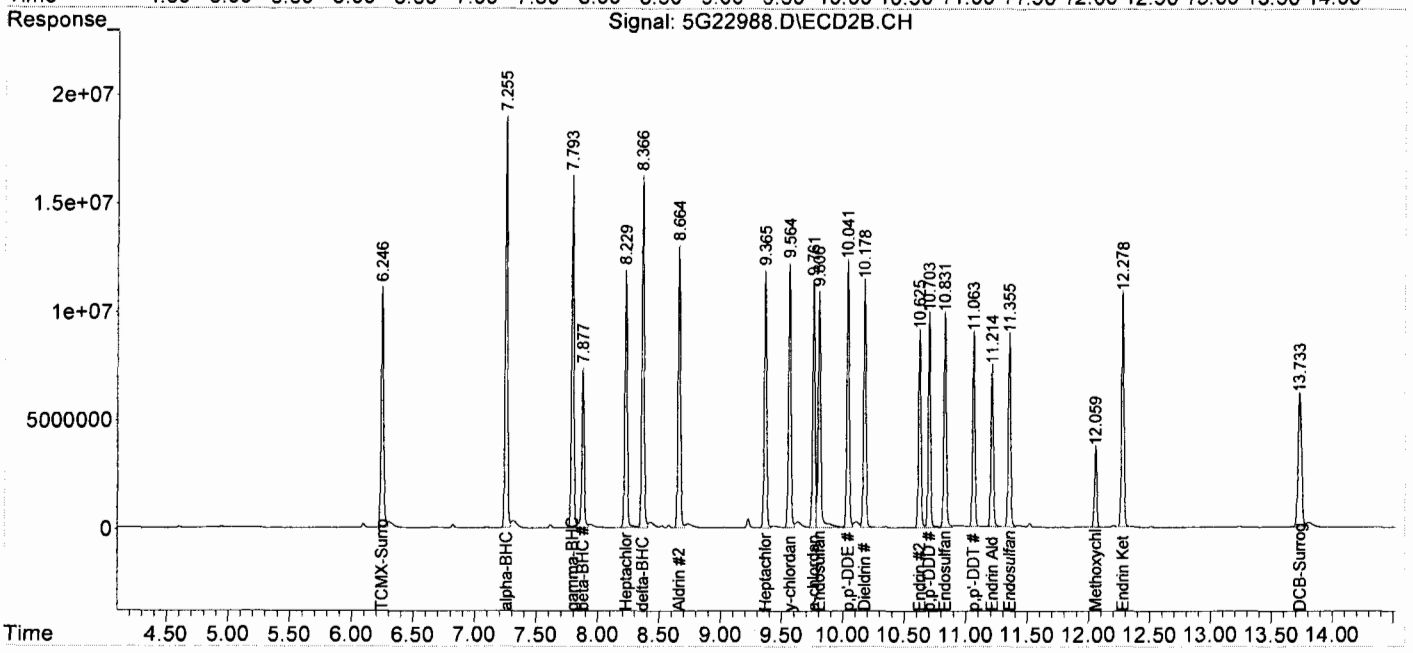
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-21-09\
Data File : 5G22988.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jul 2009 8:19
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 21 10:48:05 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

0958

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15723.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:08
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST:0.5
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 08:30:19 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 20 08:26:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.718	3.669	1738962	1895606	94.522	114.978
2)alpha-BHC	4.706	4.409	2494939	2768693	96.615m	100.826
3)gamma-BHC	5.176	4.870	2325789	2364155	96.531	107.001
4)beta-BHC	6.010	4.933	1202026	1379665	93.277	102.636
5)Heptachlor	5.443	5.275	2238563	2213910	95.762	98.647
6)delta-BHC	6.338	5.387	2097410	2285906	90.267m	104.156
7)Aldrin	5.790	5.689	2193640	2192867	90.654	100.487
8)Heptachlor Epoxid	6.589	6.365	2044559	2016789	93.282	103.416
9)y-chlordane	6.976	6.565	2403460	2063805	90.623	100.889
10)a-chlordane	7.043	6.762	2161394	1812437	89.637	106.359
11)Endosulfan I	6.939	6.810	1547019	2084459	94.019m	99.825
12)p,p'-DDE	7.128	7.046	1947782	1836166	85.161	96.365m
13)Dieldrin	7.376	7.189	1887858	1876058	92.098m	100.393m
14)Endrin	7.632	7.649	1675494	1576638	84.979m	94.824
15)p,p'-DDD	8.075	7.736	1451842	1379726	84.517m	95.374
16)Endosulfan II	8.197	7.865	1696384	1666735	89.398	101.058
17)p,p'-DDT	8.285	8.113	1213383	1377258	87.076	93.905
18)Endrin Aldehyde	8.691	8.263	1321476	1286497	91.473	83.055m
19)Endosulfan Sulfat	9.061	8.413	1461612	1432172	85.457	96.940m
20)Methoxychlor	8.985	9.171	770367	798964	85.514	96.008m
21)Endrin Ketone	9.572	9.382	1672085	1744548	93.996	98.436m
22)DCB-Surrogate	10.534	10.879	1641109	1655539	97.531	105.776m

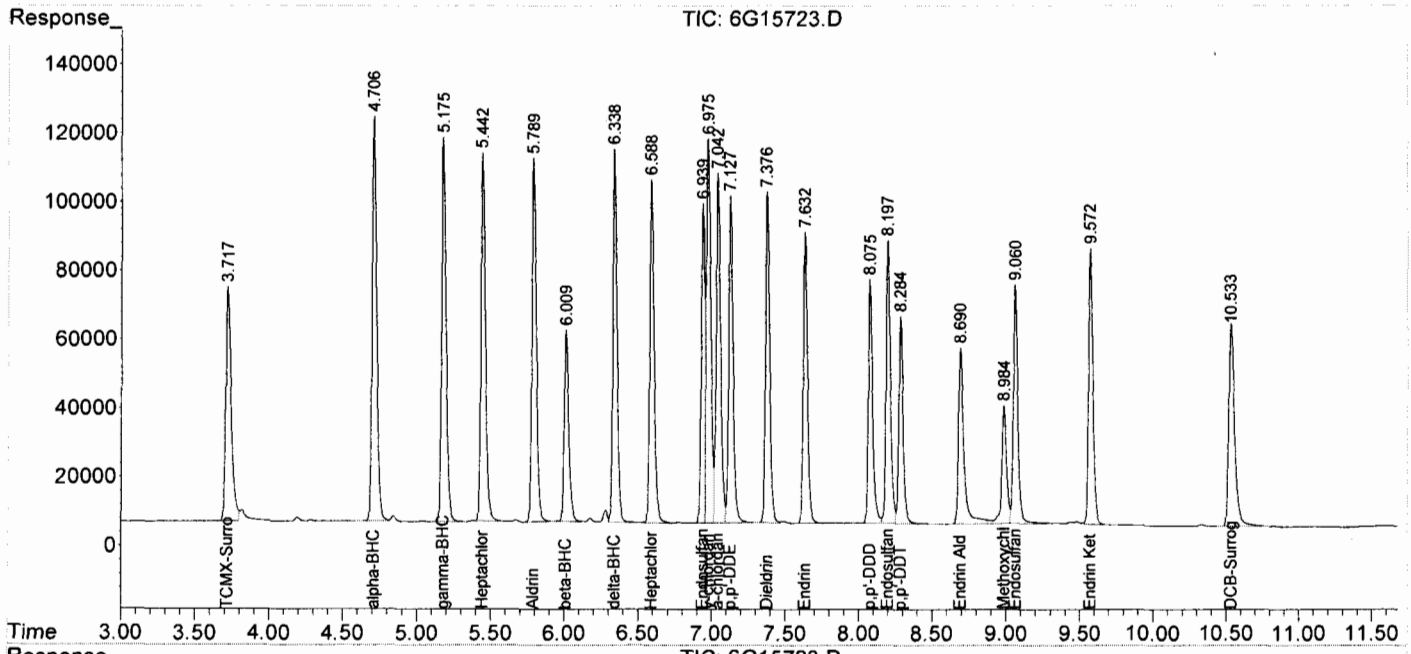
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

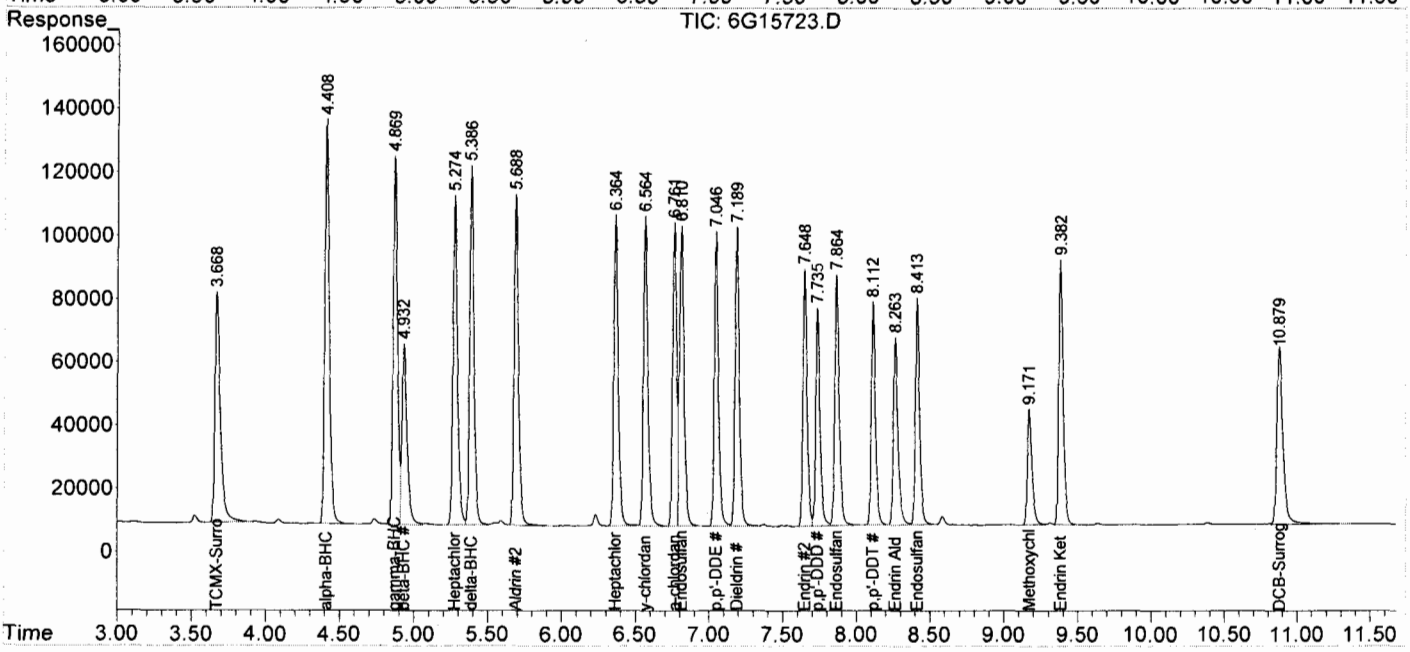
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15723.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:08
Operator : JP
Sample : CAL PEST@100PPB
Misc : S,PEST:0.5
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 08:30:19 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 20 08:26:29 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15744.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 14:20
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:38:35 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.726	3.677	3643287	3274728	201.539	198.239
2)alpha-BHC	4.711	4.415	5648580	5152326	208.591m	187.630
3)gamma-BHC	5.180	4.875	5088870	4364477	205.774	197.535
4)beta-BHC	6.013	4.938	2493253	2440807	193.477	181.577
5)Heptachlor	5.447	5.279	4939763	4434697	211.315	197.600
6)delta-BHC	6.340	5.392	4707218	4363628	198.531m	198.826
7)Aldrin	5.793	5.692	4824896	4122362	199.393	188.906
8)Heptachlor Epoxid	6.592	6.368	4311441	3637471	196.708	186.521
9)y-chlordane	6.977	6.568	5242826	3845618	197.145	187.992
10)a-chlordane	7.044	6.765	4669738	3280993	193.662	192.537
11)Endosulfan I	6.942	6.813	3195888	3943037	198.936	188.833
12)p,p'-DDE	7.130	7.049	4390122	3529342	191.945	185.226
13)Dieldrin	7.379	7.191	4065723	3569801	195.749	189.851
14)Endrin	7.635	7.651	3922512	3222251	198.944	193.797
15)p,p'-DDD	8.076	7.738	3387497	2756703	197.199	190.557
16)Endosulfan II	8.198	7.866	3668518	3134571	193.329	190.055
17)p,p'-DDT	8.286	8.114	3046863	2765201	211.315	186.804
18)Endrin Aldehyde	8.692	8.265	2838495	2383035	196.002	161.315m
19)Endosulfan Sulfat	9.061	8.414	3285627	2837952	192.103	192.094m
20)Methoxychlor	8.985	9.171	1785300	1582050	193.030	190.109
21)Endrin Ketone	9.572	9.382	3701419	3348085	208.075	188.916m
22)DCB-Surrogate	10.534	10.879	3281910	2866129	200.545	188.407m

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

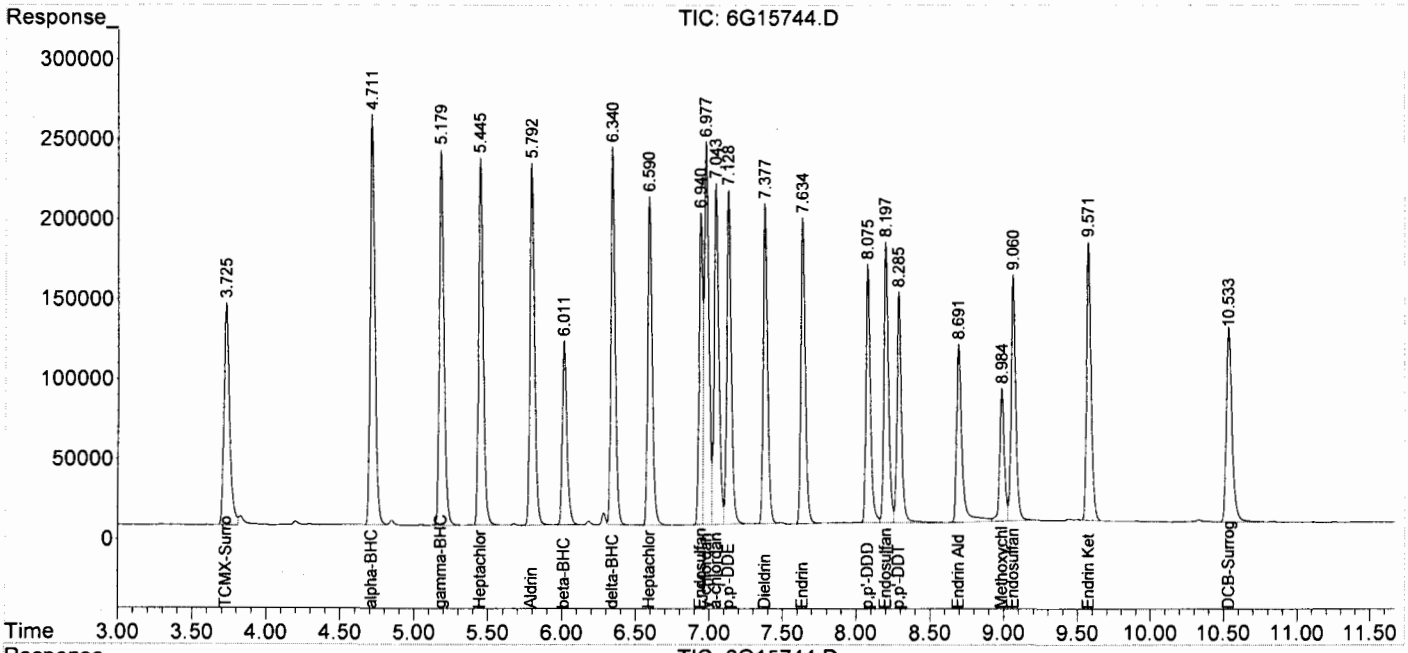
DP

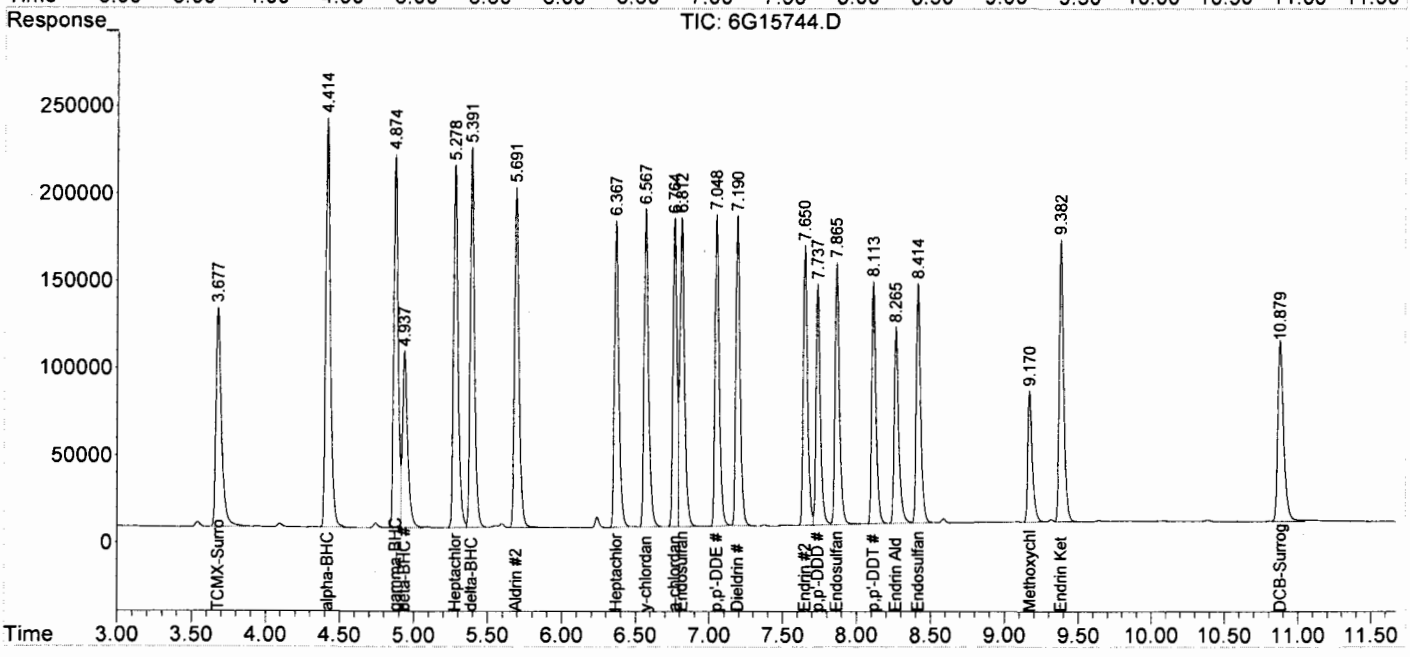
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15744.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 14:20
Operator : JP
Sample : CAL PEST@200PPB
Misc : S,PEST:0.25
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 14:38:35 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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





GC Pesticide Data
Raw QC Data

Form1

ORGANICS PESTICIDE REPORT

Sample Number: WMB3604
Client Id:
Data File: 5G22954.D
Analysis Date: 07/20/09 09:31
Date Rec/Extracted: NA-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.010	U	7421-93-4	Endrin Aldehyde	0.010	U
319-84-6	alpha-BHC	0.010	U	53494-70-5	Endrin Ketone	0.010	U
319-85-7	beta-BHC	0.010	U	58-89-9	gamma-BHC	0.010	U
57-74-9	Chlordane	0.10	U	76-44-8	Heptachlor	0.010	U
319-86-8	delta-BHC	0.010	U	1024-57-3	Heptachlor Epoxide	0.010	U
60-57-1	Dieldrin	0.010	U	72-43-5	Methoxychlor	0.010	U
959-98-8	Endosulfan I	0.010	U	72-54-8	p,p'-DDD	0.010	U
33213-65-9	Endosulfan II	0.010	U	72-55-9	p,p'-DDE	0.010	U
1031-07-8	Endosulfan Sulfate	0.010	U	50-29-3	p,p'-DDT	0.010	U
72-20-8	Endrin	0.010	U	8001-35-2	Toxaphene	0.25	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:31
Operator : JP
Sample : WMB3604
Misc : A,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:54:31 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.286	6.243	112.0E6	70161737	88.121m	92.772m
22)	DCB-Surrogate	13.365	13.733	101.9E6	61672986	93.681	93.723m

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

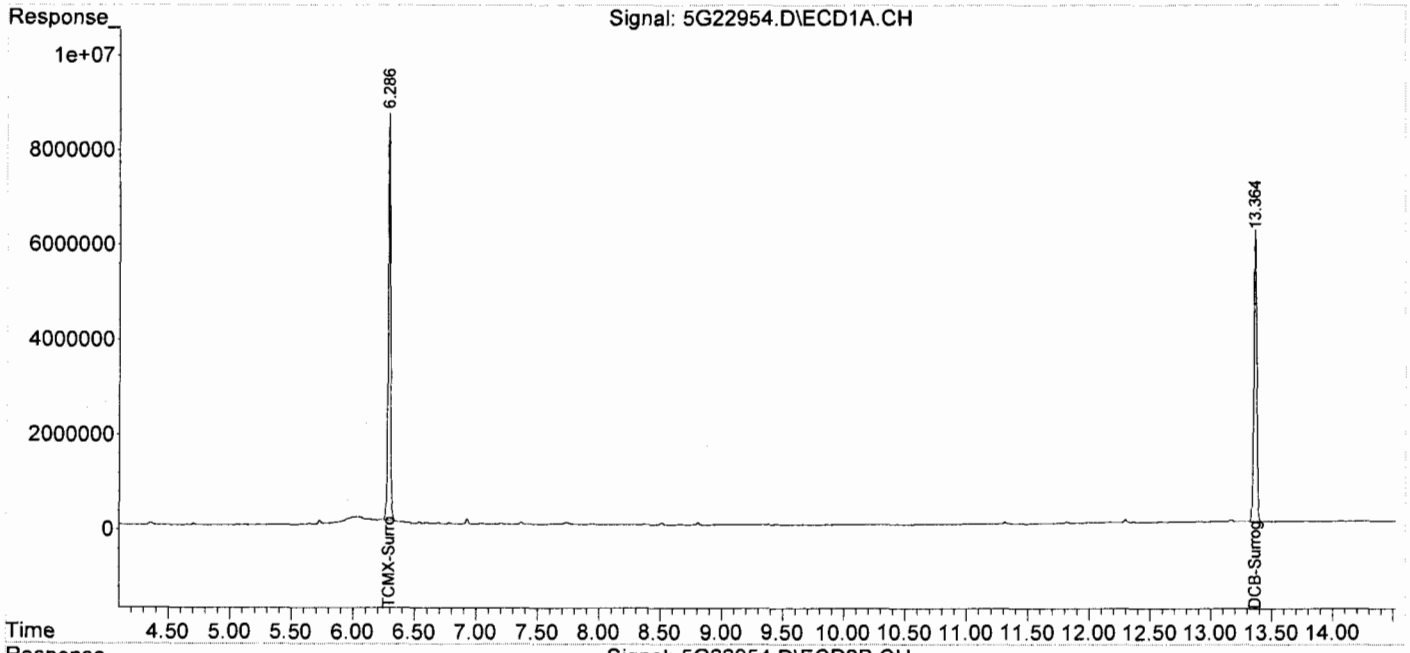
JP

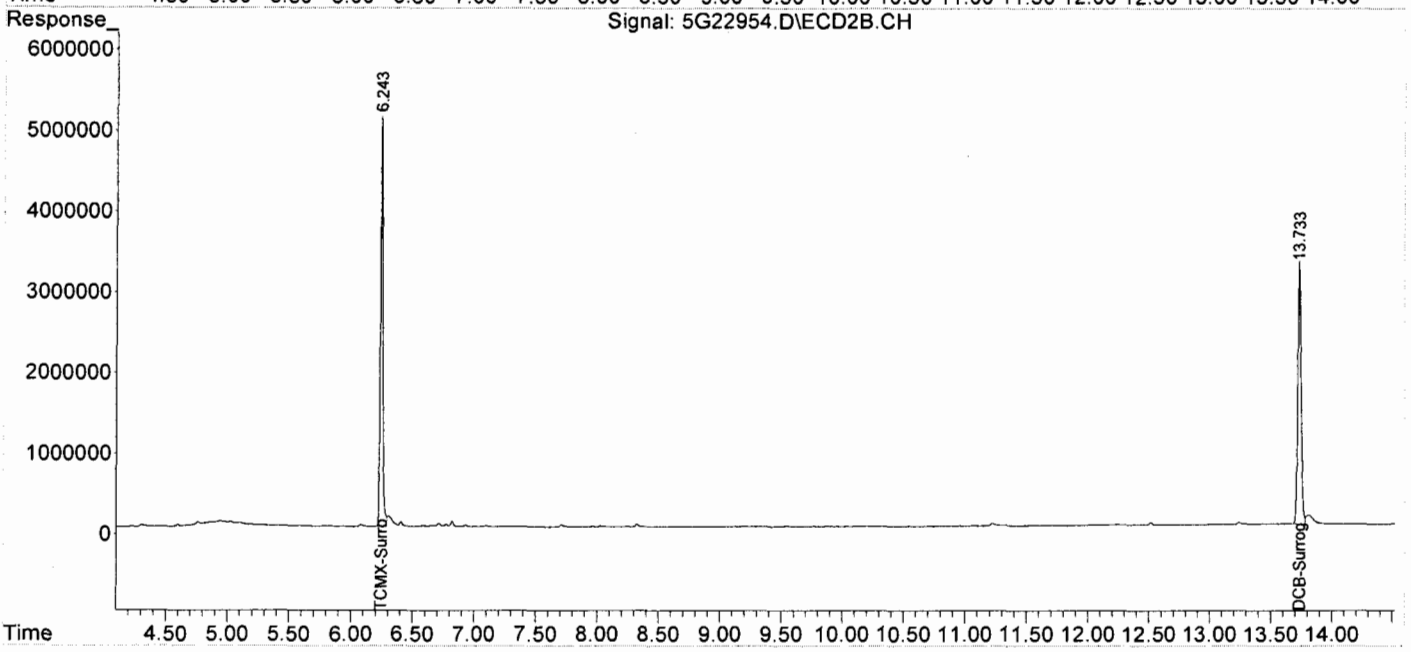
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:31
Operator : JP
Sample : WMB3604
Misc : A,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:54:31 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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: SMB2320B
Client Id:
Data File: 5G22976.D
Analysis Date: 07/21/09 04:14
Date Rec/Extracted: NA-07/17/09
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8081A
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0050	U	7421-93-4	Endrin Aldehyde	0.0050	U
319-84-6	alpha-BHC	0.0010	U	53494-70-5	Endrin Ketone	0.0050	U
319-85-7	beta-BHC	0.0010	U	58-89-9	gamma-BHC	0.0010	U
57-74-9	Chlordane	0.010	U	76-44-8	Heptachlor	0.0050	U
319-86-8	delta-BHC	0.0050	U	1024-57-3	Heptachlor Epoxide	0.0050	U
60-57-1	Dieldrin	0.0010	U	72-43-5	Methoxychlor	0.0050	U
959-98-8	Endosulfan I	0.0050	U	72-54-8	p,p'-DDD	0.0025	U
33213-65-9	Endosulfan II	0.0050	U	72-55-9	p,p'-DDE	0.0025	U
1031-07-8	Endosulfan Sulfate	0.0050	U	50-29-3	p,p'-DDT	0.0025	U
72-20-8	Endrin	0.0050	U	8001-35-2	Toxaphene	0.025	U

Worksheet #: 124444

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
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.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-21-09\
Data File : 5G22976.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jul 2009 4:14
Operator : JP
Sample : SMB2320B
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 21 10:37:06 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.286	6.242	117.9E6	74672804	92.788m	98.737m
22)DCB-Surrogate	13.364	13.734	100.7E6	60504649	92.573	91.948m

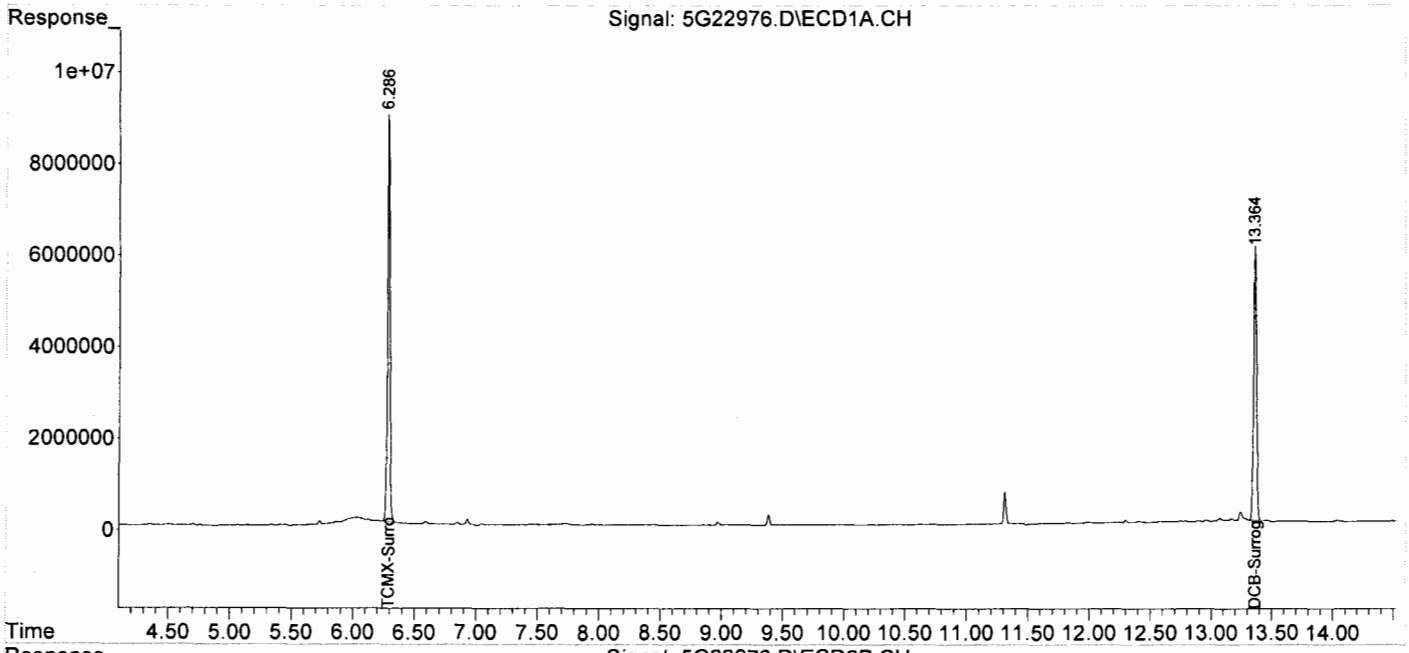
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

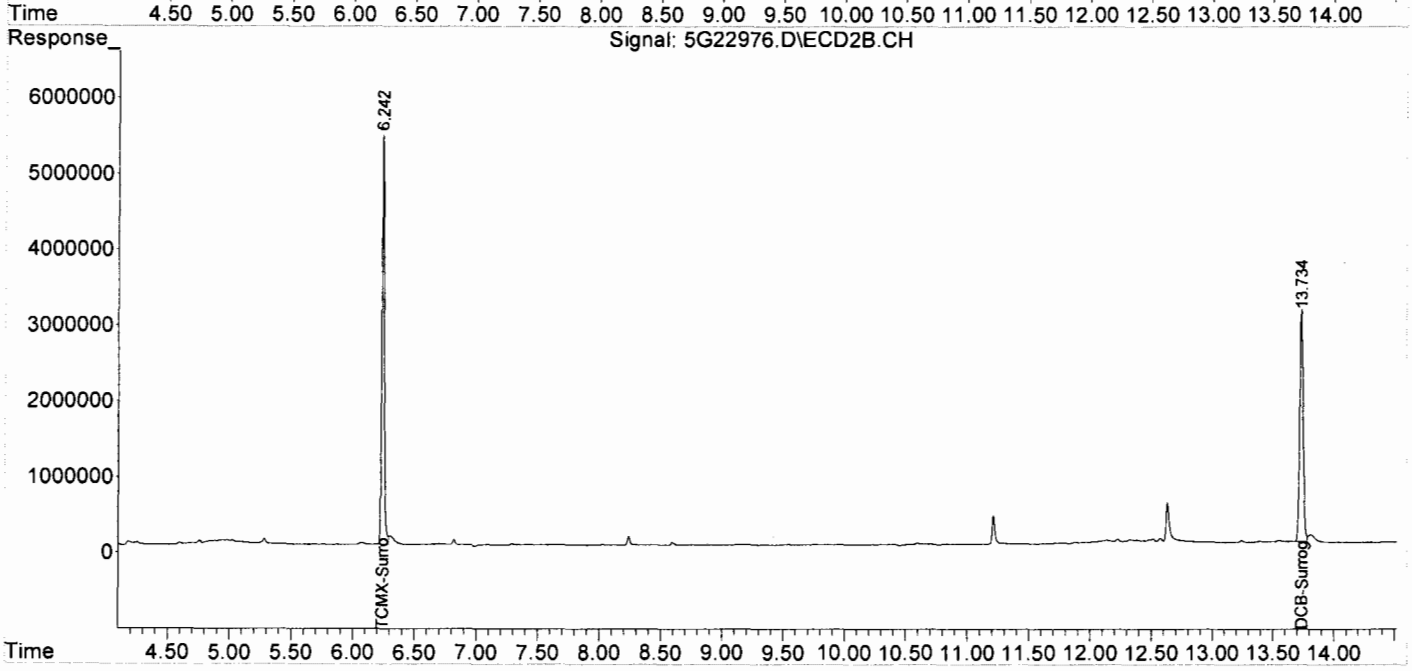
JP

Data Path : G:\Gcdata\2009\GC_5\Data\07-21-09\
Data File : 5G22976.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jul 2009 4:14
Operator : JP
Sample : SMB2320B
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 21 10:37:06 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





FORM 3

Spike Recovery

Batch Number: SMB2320B
Mbs Name: SMB2320B(MS)
Ns Name: AC45774-005
Ms Name: AC45774-006(MS:
Msd Name: AC45774-007(MSD

Mbs File: 6G15726.D
Non Spk'd File: 6G15725.D
Spike File: 6G15727.D
Spike Dup File: 6G15728.D
Matrix: Soil
Method: EPA 8081A

Mbs Date: 07/20/09 08:59
Non Spk'd Date: 07/20/09 08:44
Spike Date : 07/20/09 09:14
Spike Dup Date: 07/20/09 09:29

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	53	136	29	99.48	0.00	76.70	85.21	99	77	85	11
gamma-BHC	3	1	0	100	56	129	27	99.04	0.00	79.15	87.64	99	79	88	10
beta-BHC	4	1	0	100	40	156	34	100.73	0.00	85.08	93.25	101	85	93	9.2
Heptachlor	5	1	0	100	53	136	33	98.77	0.00	79.46	89.13	99	79	89	11
delta-BHC	6	1	0	100	52	124	31	91.43	0.00	76.99	84.73	91	77	85	9.6
Aldrin	7	1	0	100	51	130	34	97.82	0.00	77.21	86.09	98	77	86	11
Heptachlor Epoxide	8	1	0	100	56	128	38	99.81	0.00	85.03	94.25	100	85	94	10
Endosulfan I	11	1	0	100	50	134	33	100.19	0.00	86.91	94.17	100	87	94	8
p,p'-DDE	12	1	0	100	40	164	41	91.86	0.00	83.85	90.17	92	84	90	7.3
Dieldrin	13	1	0	100	52	141	28	98.85	0.00	87.87	94.35	99	88	94	7.1
Endrin	14	1	0	100	56	138	35	94.18	0.00	82.71	92.46	94	83	92	11
p,p'-DDD	15	1	0	100	51	157	54	90.47	0.00	85.63	89.46	90	86	89	4.4
Endosulfan II	16	1	0	100	54	129	31	97.57	0.00	90.30	94.23	98	90	94	4.3
p,p'-DDT	17	1	0	100	20	167	32	94.02	0.00	89.50	96.12	94	89	96	7.1
Endrin Aldehyde	18	1	0	100	20	137	45	100.74	0.00	76.38	81.15	101	76	81	6.1
Endosulfan Sulfate	19	1	0	100	55	131	36	89.56	0.00	84.52	85.18	90	85	85	0.78
Methoxychlor	20	1	0	100	35	159	71	91.53	0.00	85.34	88.91	92	85	89	4.1
Endrin Ketone	21	1	0	100	56	134	29	99.30	0.00	95.87	99.84	99	96	100	4.1

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15726.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:59
Operator : JP
Sample : SMB2320B(MS)
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:58:16 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.718	3.670	1786077	1896754	97.124	115.048
2)alpha-BHC	4.707	4.410	2572053	2704694	99.477	98.495
3)gamma-BHC	5.176	4.871	2387728	2356418	99.042	106.651
4)beta-BHC	6.009	4.933	1298003	1352889	100.725m	100.644
5)Heptachlor	5.443	5.276	2308913	2244384	98.771	100.004
6)delta-BHC	6.337	5.388	2124976	2184925	91.433m	99.555
7)Aldrin	5.790	5.688	2367026	2257873	97.819	103.466m
8)Heptachlor Epoxid	6.589	6.366	2187719	2033031	99.814	104.249
9)y-chlordane	6.976	6.566	2581028	2087524	97.302	102.048
10)a-chlordane	7.043	6.763	2341168	1847591	97.092	108.422
11)Endosulfan I	6.940	6.812	1646292	2101129	100.192	100.623
12)p,p'-DDE	7.128	7.048	2101104	1838349	91.864	96.480
13)Dieldrin	7.377	7.190	2027981	1916757	98.848	102.555
14)Endrin	7.633	7.650	1856864	1646266	94.177	99.012
15)p,p'-DDD	8.076	7.737	1554074	1420474	90.468	98.190
16)Endosulfan II	8.197	7.865	1851506	1730177	97.573	104.904
17)p,p'-DDT	8.285	8.114	1312644	1415829	94.017	96.509
18)Endrin Aldehyde	8.690	8.266	1455653	1507181	100.739m	98.181
19)Endosulfan Sulfat	9.059	8.415	1531707	1425308	89.555m	96.476
20)Methoxychlor	8.984	9.170	861310	834544	91.528m	100.284m
21)Endrin Ketone	9.571	9.383	1766487	1801828	99.303m	101.668
22)DCB-Surrogate	10.532	10.879	1824220	1758134	108.737m	112.591

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

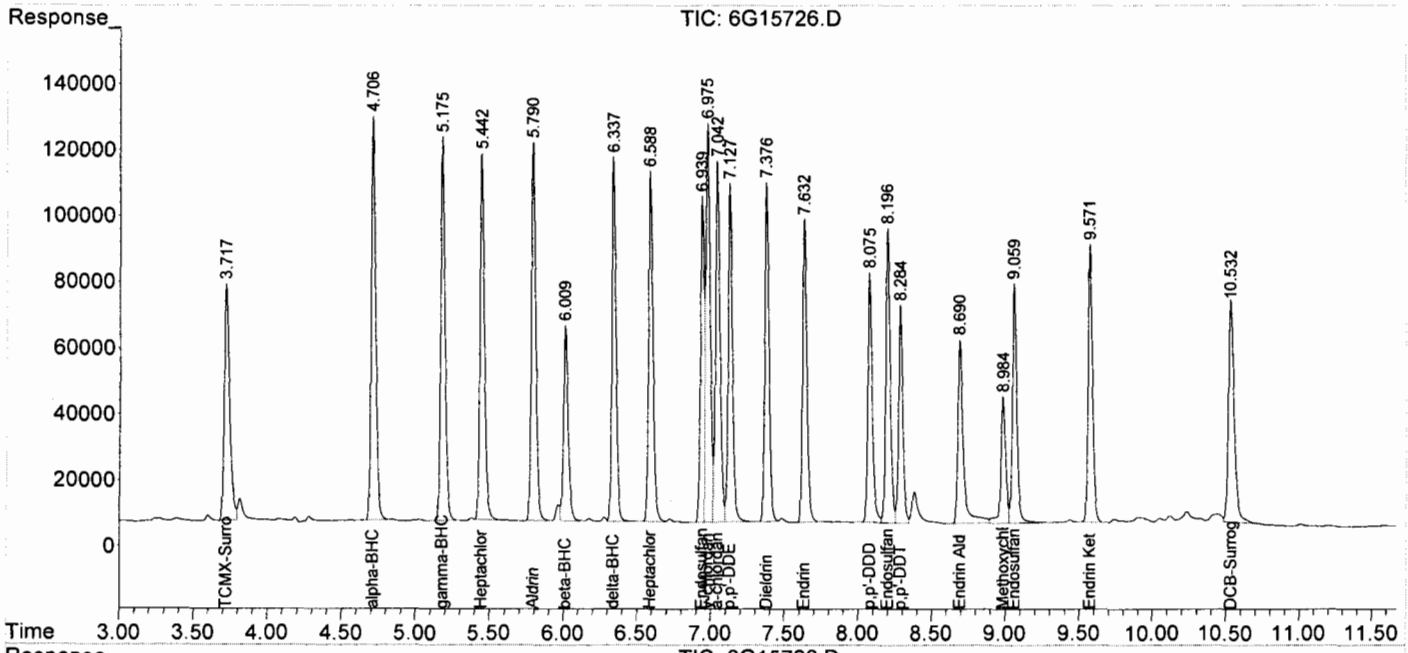
DP

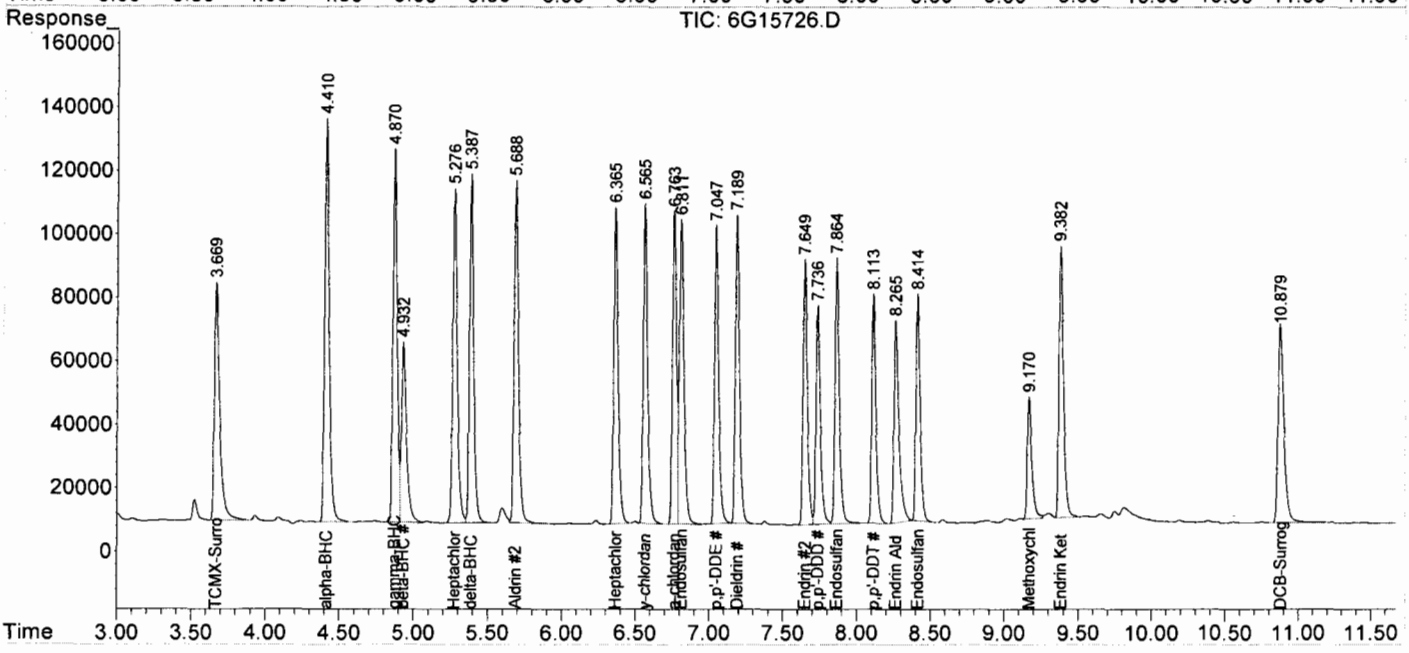
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15726.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:59
Operator : JP
Sample : SMB2320B(MS)
Misc : S,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:58:16 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

0972

Data Path : G:\GCDATA\2009\GC_6\Data\07-20-09\
Data File : 6G15725.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:44
Operator : JP
Sample : AC45774-005
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:56:02 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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

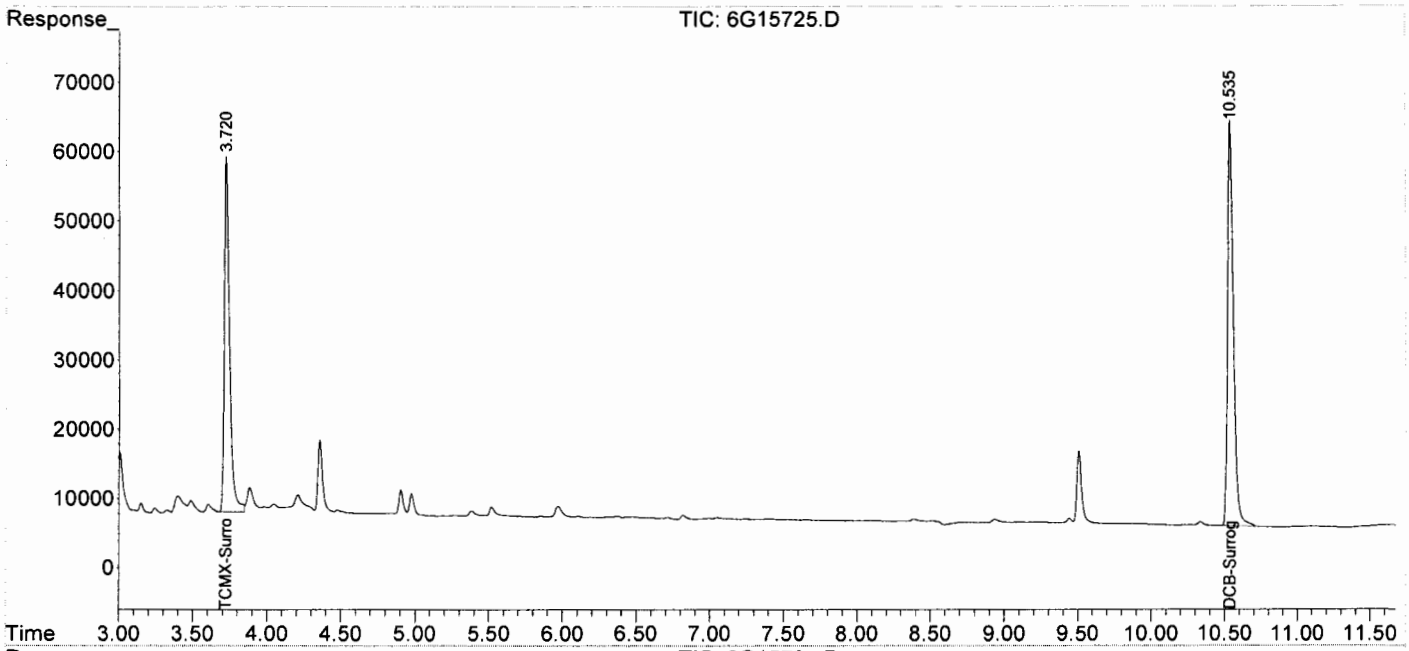
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	3.721	3.668	1255558	1510916	67.953	91.695m#
22)	DCB-Surrogate	10.536	10.881	1601164	1579106	95.095	100.720

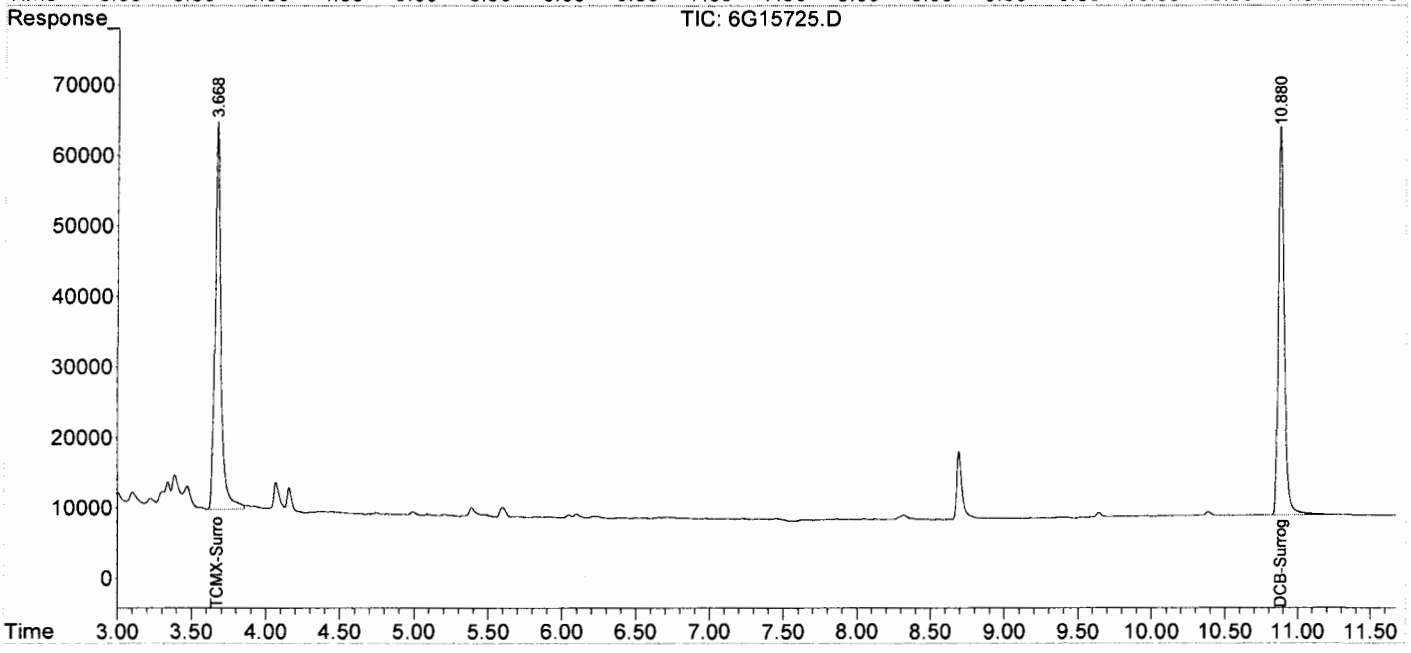
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\GCDATA\2009\GC_6\Data\07-20-09\
Data File : 6G15725.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 8:44
Operator : JP
Sample : AC45774-005
Misc : S,PEST
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 09:56:02 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15727.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:14
Operator : JP
Sample : AC45774-006(MS:AC45774-005)
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:02:00 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.718	3.670	1225661	1415874	66.317m	85.939 #
2)alpha-BHC	4.706	4.410	1963657	2064891	76.705m	75.196
3)gamma-BHC	5.176	4.871	1898881	1850216	79.145	83.740
4)beta-BHC	6.010	4.933	1096373	1158830	85.079	86.208
5)Heptachlor	5.442	5.276	1857516	1727536	79.461m	76.975
6)delta-BHC	6.338	5.388	1784396	1813017	76.988m	82.609
7)Aldrin	5.790	5.689	1868250	1766535	77.207	80.951
8)Heptachlor Epoxid	6.588	6.365	1863586	1729825	85.026m	88.701m
9)y-chlordane	6.975	6.565	2246377	1820195	84.713	88.980m
10)a-chlordane	7.043	6.763	2061209	1628178	85.482	95.546
11)Endosulfan I	6.939	6.811	1432300	1804433	86.908	86.415
12)p,p'-DDE	7.128	7.047	1917702	1683052	83.846	88.329m
13)Dieldrin	7.375	7.189	1800283	1700463	87.873m	91.055m
14)Endrin	7.633	7.650	1630764	1421390	82.710	85.487
15)p,p'-DDD	8.076	7.737	1470898	1326889	85.626	91.721
16)Endosulfan II	8.197	7.866	1713429	1592010	90.297	96.527
17)p,p'-DDT	8.284	8.114	1248053	1328089	89.503	90.582
18)Endrin Aldehyde	8.691	8.265	1103036	1041522	76.379	66.591m
19)Endosulfan Sulfat	9.060	8.415	1445649	1376547	84.524	93.175m
20)Methoxychlor	8.986	9.171	803937	784382	85.341	94.256m
21)Endrin Ketone	9.571	9.382	1705467	1700993	95.873m	95.979m
22)DCB-Surrogate	10.534	10.881	1702557	1670411	101.284	106.762

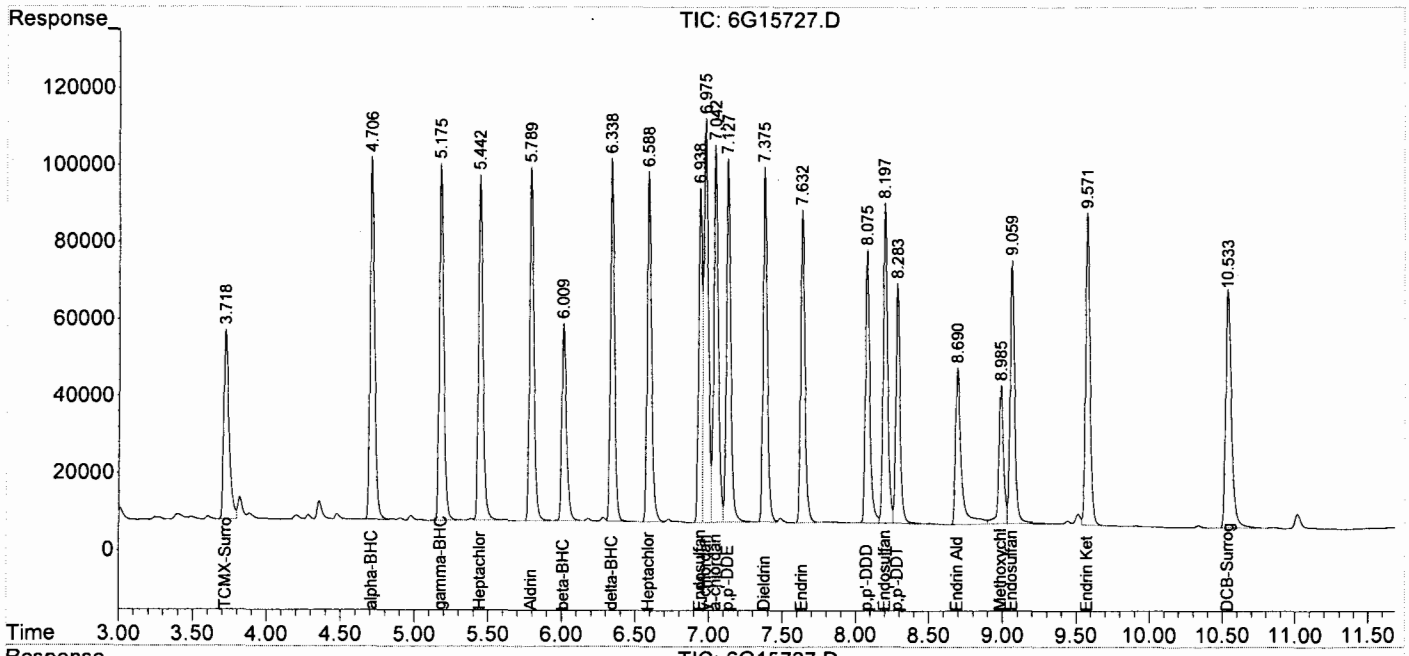
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

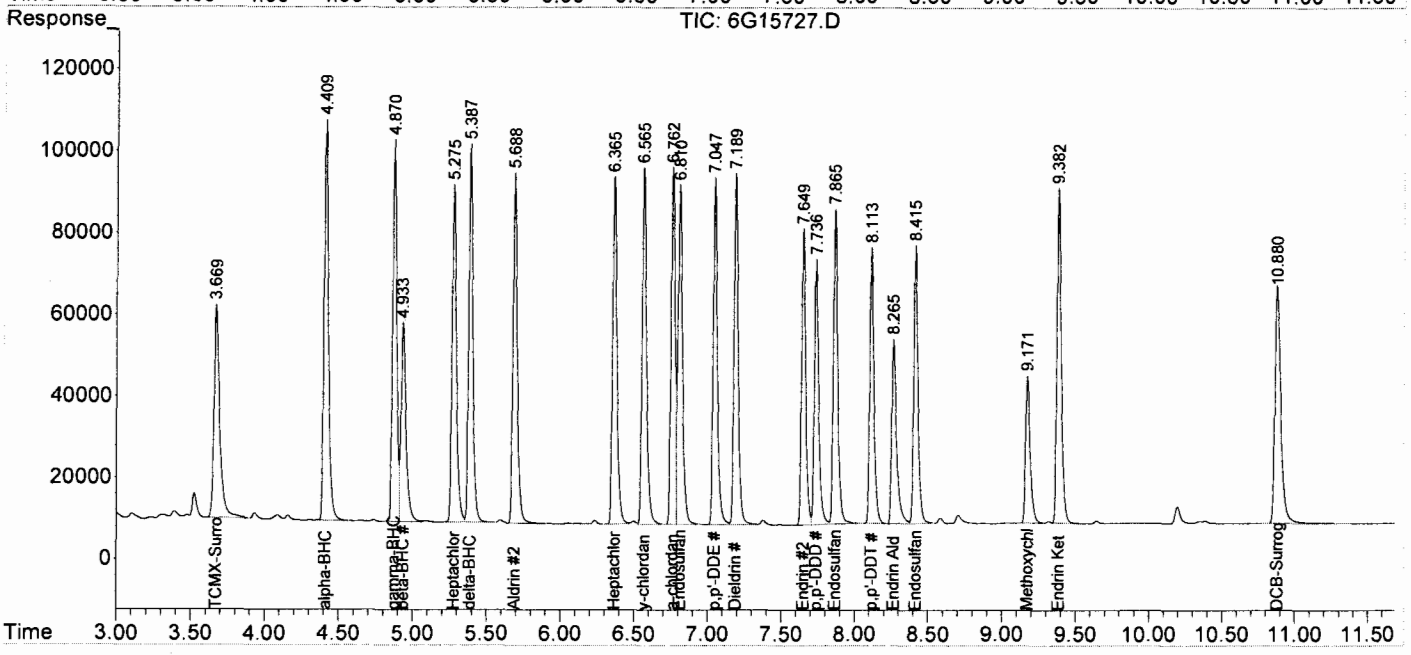
JP

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15727.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:14
Operator : JP
Sample : AC45774-006(MS:AC45774-005)
Misc : S,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:02:00 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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)

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15728.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:29
Operator : JP
Sample : AC45774-007(MSD:AC45774-005)
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:05:47 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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	3.717	3.669	1331965	1654302	72.137m	100.377 #
2)alpha-BHC	4.706	4.410	2189656	2292019	85.215m	83.467
3)gamma-BHC	5.175	4.870	2107051	2058439	87.641m	93.164
4)beta-BHC	6.009	4.933	1201695	1237150	93.252	92.034
5)Heptachlor	5.442	5.275	2083589	1913784	89.132m	85.274
6)delta-BHC	6.337	5.387	1966802	1972386	84.734m	89.870
7)Aldrin	5.790	5.689	2083203	1934403	86.090	88.643
8)Heptachlor Epoxid	6.588	6.364	2065775	1898355	94.250m	97.343m
9)y-chlordane	6.975	6.564	2448511	1958642	92.318	95.748m
10)a-chlordane	7.042	6.763	2246404	1745884	93.162	102.453
11)Endosulfan I	6.939	6.811	1549410	1932466	94.168	92.546
12)p,p'-DDE	7.127	7.046	2062413	1781454	90.173	93.494m
13)Dieldrin	7.375	7.188	1934640	1829369	94.353m	97.911m
14)Endrin	7.633	7.648	1822926	1563991	92.456	94.064
15)p,p'-DDD	8.075	7.736	1536695	1365249	89.457	94.373
16)Endosulfan II	8.196	7.865	1788058	1613427	94.230	97.825
17)p,p'-DDT	8.284	8.113	1342761	1384003	96.117	94.360
18)Endrin Aldehyde	8.690	8.263	1172059	1142193	81.150	73.317m
19)Endosulfan Sulfat	9.059	8.413	1456902	1412695	85.182	95.622m
20)Methoxychlor	8.984	9.170	837062	807520	88.911	97.037m
21)Endrin Ketone	9.571	9.381	1776010	1712788	99.838	96.644m
22)DCB-Surrogate	10.532	10.879	1716721	1668090	102.150	106.608

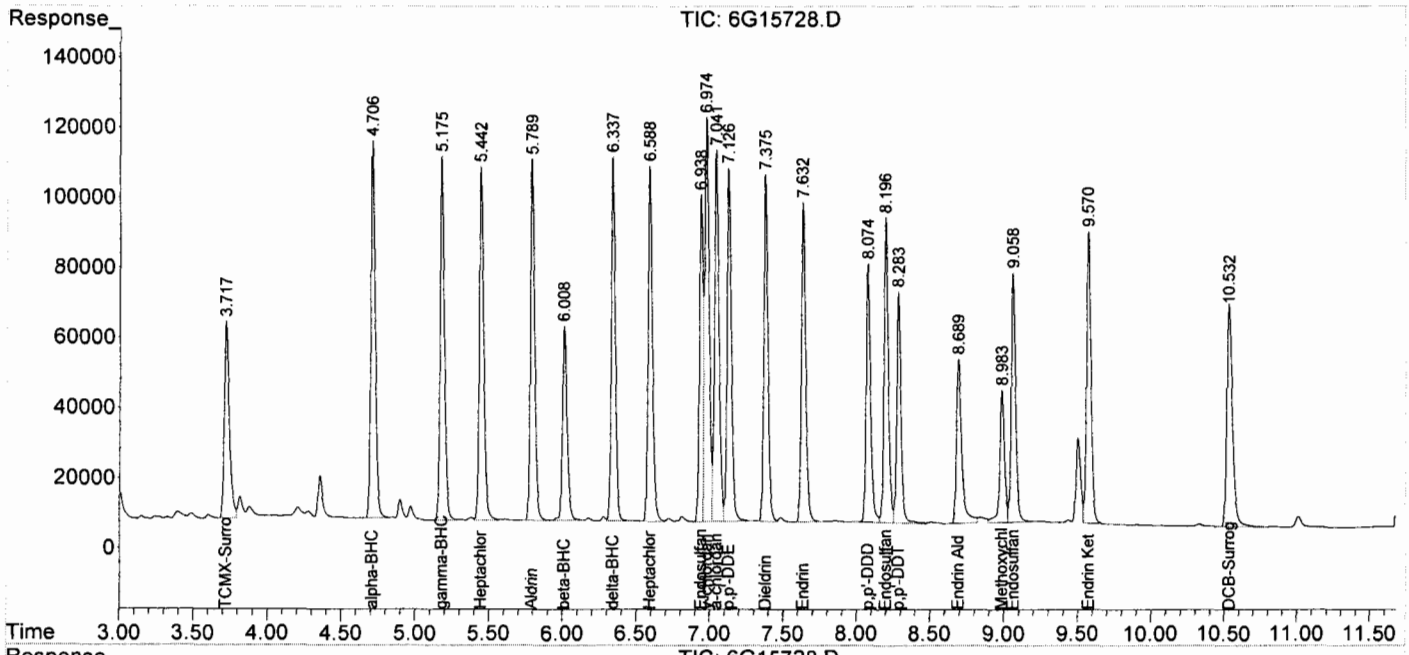
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

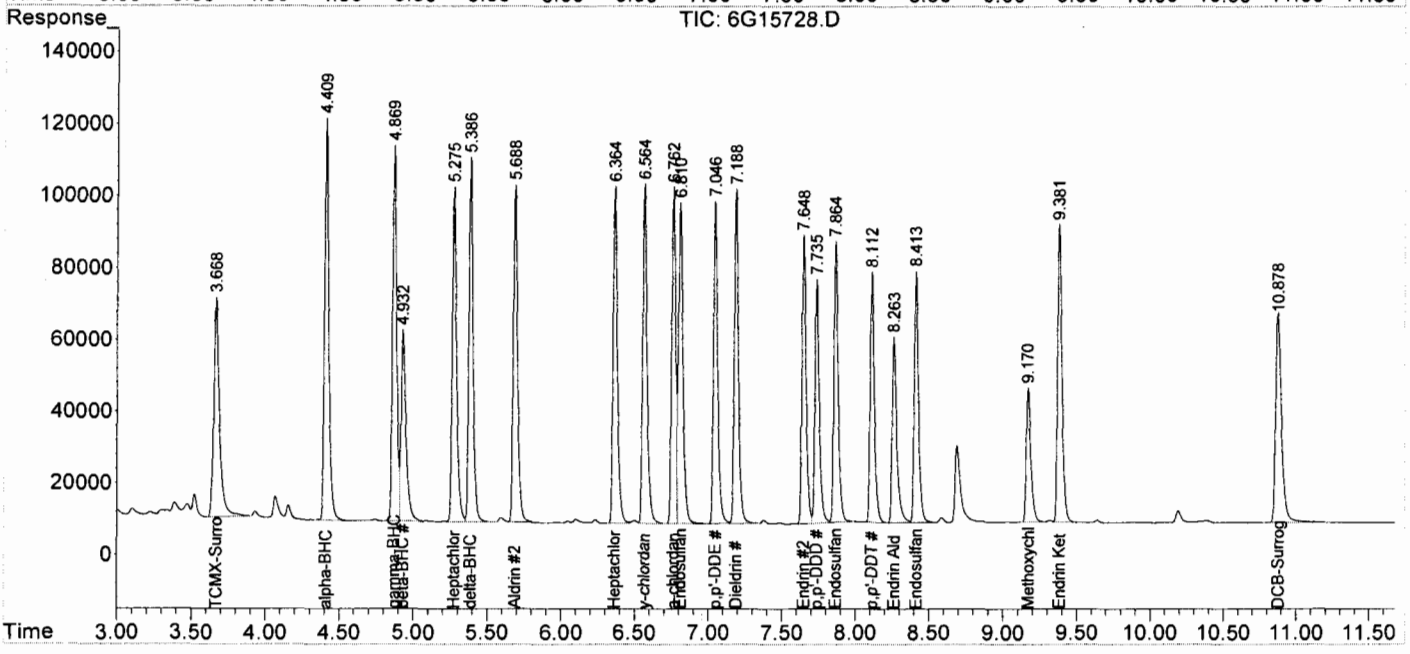
9P

Data Path : G:\Gcdata\2009\GC_6\Data\07-20-09\
Data File : 6G15728.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:29
Operator : JP
Sample : AC45774-007(MSD:AC45774-005)
Misc : S,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 10:05:47 2009
Quant Method : G:\GCDATA\2009\GC_6\METHODQT\6G_P0713.M
Quant Title : @GC_6,ug,608,8081
QLast Update : Mon Jul 13 13:55:05 2009
Response via : Initial Calibration
Integrator: ChemStation

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





FORM 3

Spike Recovery

Batch Number: WMB3604
Mbs Name: WMB3604(MS)
Ns Name: AC45774-008
Ms Name: AC45774-009(MS:
Msd Name: AC45774-010(MSD

Mbs File: 5G22955.D
Non Spk'd File: 5G22956.D
Spike File: 5G22957.D
Spike Dup File: 5G22958.D
Matrix: Aqueous
Method: EPA 8081A

Mbs Date: 07/20/09 09:49
Non Spk'd Date: 07/20/09 10:08
Spike Date : 07/20/09 10:26
Spike Dup Date: 07/20/09 10:44

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
alpha-BHC	2	1	0	100	65	132	23	97.73	0.00	96.13	92.66	98	96	93	3.7
gamma-BHC	3	1	0	100	56	144	23	98.91	0.00	97.87	94.40	99	98	94	3.6
beta-BHC	4	1	0	100	53	147	27	95.09	0.00	92.55	89.13	95	93	89	3.8
Heptachlor	5	1	0	100	53	144	21	92.56	0.00	94.49	91.16	93	94	91	3.6
delta-BHC	6	1	0	100	66	126	24	96.79	0.00	95.91	92.51	97	96	93	3.6
Aldrin	7	1	0	100	49	138	23	99.74	0.00	97.72	91.48	100	98	91	6.6
Heptachlor Epoxide	8	1	0	100	68	130	17	100.30	0.00	99.78	96.03	100	100	96	3.8
Endosulfan I	11	1	0	100	66	131	30	101.41	0.00	99.42	95.78	101	99	96	3.7
p,p'-DDE	12	1	0	100	66	142	18	102.23	0.00	100.26	96.60	102	100	97	3.7
Dieldrin	13	1	0	100	59	145	26	105.99	0.00	104.21	100.59	106	104	101	3.5
Endrin	14	1	0	100	55	165	20	104.95	0.00	105.55	101.82	105	106	102	3.6
p,p'-DDD	15	1	0	100	65	157	21	103.24	0.00	99.60	95.78	103	100	96	3.9
Endosulfan II	16	1	0	100	70	128	20	106.47	0.00	103.85	100.76	106	104	101	3
p,p'-DDT	17	1	0	100	56	138	22	99.95	0.00	100.43	97.23	100	100	97	3.2
Endrin Aldehyde	18	1	0	100	46	162	31	104.17	0.00	101.01	97.12	104	101	97	3.9
Endosulfan Sulfate	19	1	0	100	70	136	26	100.37	0.00	98.51	95.57	100	99	96	3
Methoxychlor	20	1	0	100	54	166	34	96.43	0.00	98.13	94.93	96	98	95	3.3
Endrin Ketone	21	1	0	100	70	142	16	102.50	0.00	101.33	97.52	102	101	98	3.8

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22955.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:49
Operator : JP
Sample : WMB3604(MS)
Misc : A,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 11:52:49 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.287	6.243	110.0E6	68838487	86.603	91.022m
2)alpha-BHC	7.591	7.252	173.4E6	117.1E6	97.728	94.511m
3)gamma-BHC	8.120	7.791	164.1E6	104.2E6	98.909	98.690
4)beta-BHC	9.032	7.876	71502531	48698855	95.092	99.664
5)Heptachlor	8.388	8.228	141.7E6	73239857	92.561	96.201
6)delta-BHC	9.352	8.365	146.1E6	100.4E6	96.793	92.521
7)Aldrin	8.746	8.662	152.6E6	90169697	99.736	92.847
8)Heptachlor Epoxid	9.574	9.364	138.7E6	81406219	100.296	95.732
9)y-chlordane	9.959	9.563	146.1E6	87683495	102.337	94.202
10)a-chlordane	10.023	9.759	139.6E6	81628649	101.417	96.613
11)Endosulfan I	9.914	9.806	129.9E6	86338601	101.409	101.260
12)p,p'-DDE	10.106	10.041	142.0E6	83068057	102.227	95.049
13)Dieldrin	10.346	10.178	144.4E6	81165413	105.992	100.705
14)Endrin	10.592	10.625	118.2E6	61230728	104.948m	100.771
15)p,p'-DDD	11.027	10.703	112.6E6	61133411	103.245	98.945
16)Endosulfan II	11.144	10.831	124.8E6	73298889	106.465	98.374
17)p,p'-DDT	11.221	11.063	100.8E6	51696001	99.949	97.541
18)Endrin Aldehyde	11.626	11.213	86936969	54804856	104.172	103.484
19)Endosulfan Sulfat	11.977	11.353	105.4E6	63152767	100.375	95.496m
20)Methoxychlor	11.885	12.058	46333118	20847393	96.434	96.827
21)Endrin Ketone	12.461	12.278	109.1E6	73564547	102.501	97.486
22)DCB-Surrogate	13.366	13.734	104.4E6	63185208	95.978	96.021m

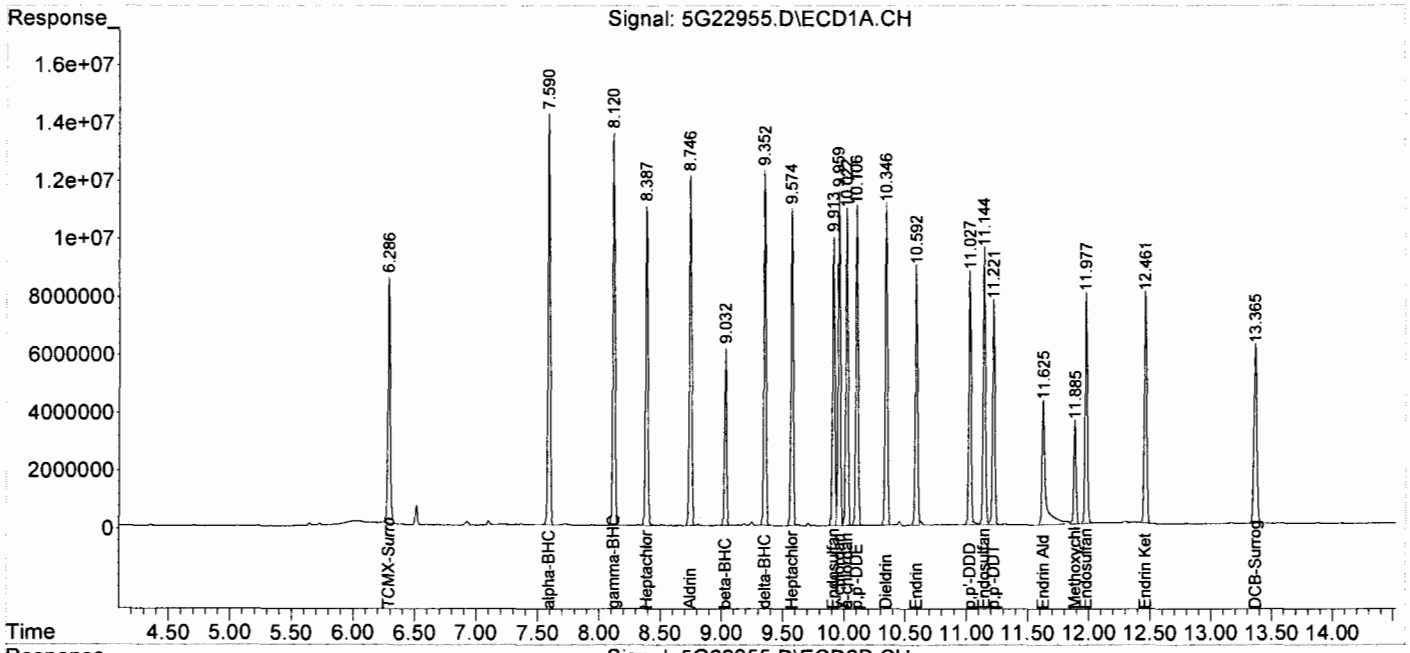
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

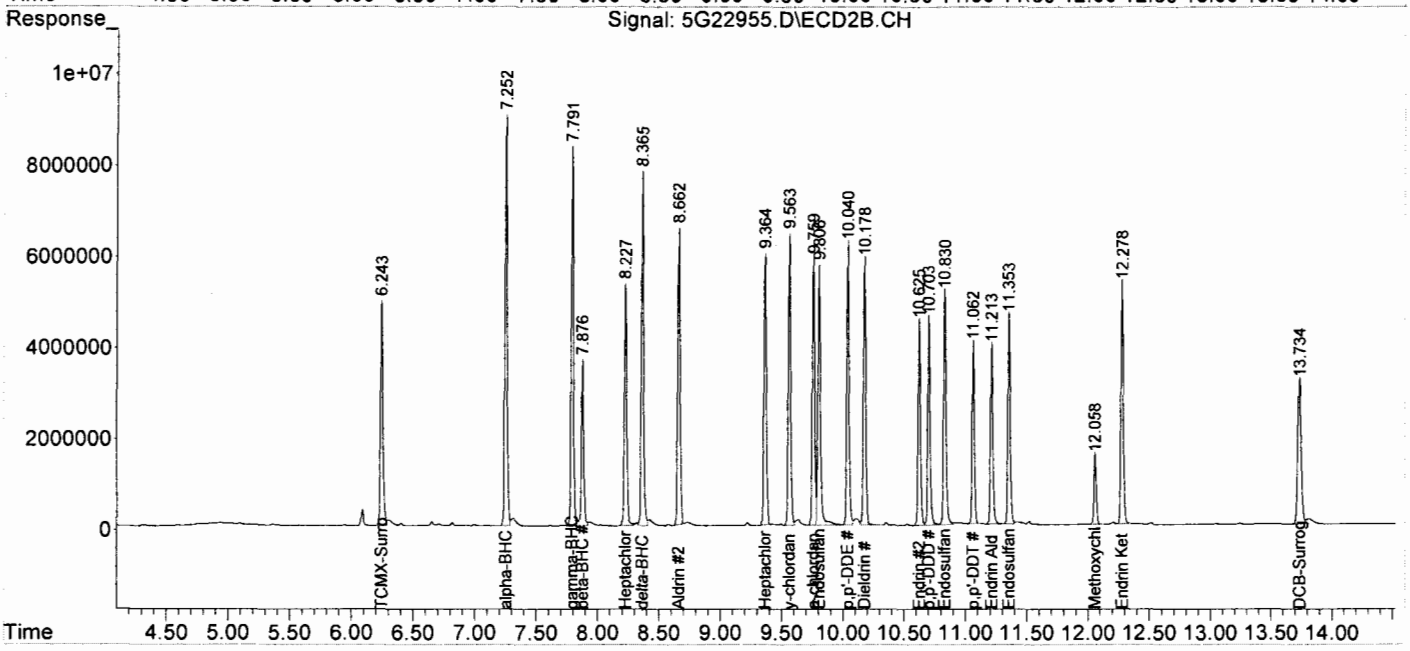
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22955.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 9:49
Operator : JP
Sample : WMB3604(MS)
Misc : A,PEST
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 11:52:49 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\GCDATA\2009\GC_5\Data\07-20-09\
Data File : 5G22956.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:08
Operator : JP
Sample : AC45774-008
Misc : A,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 11:58:34 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

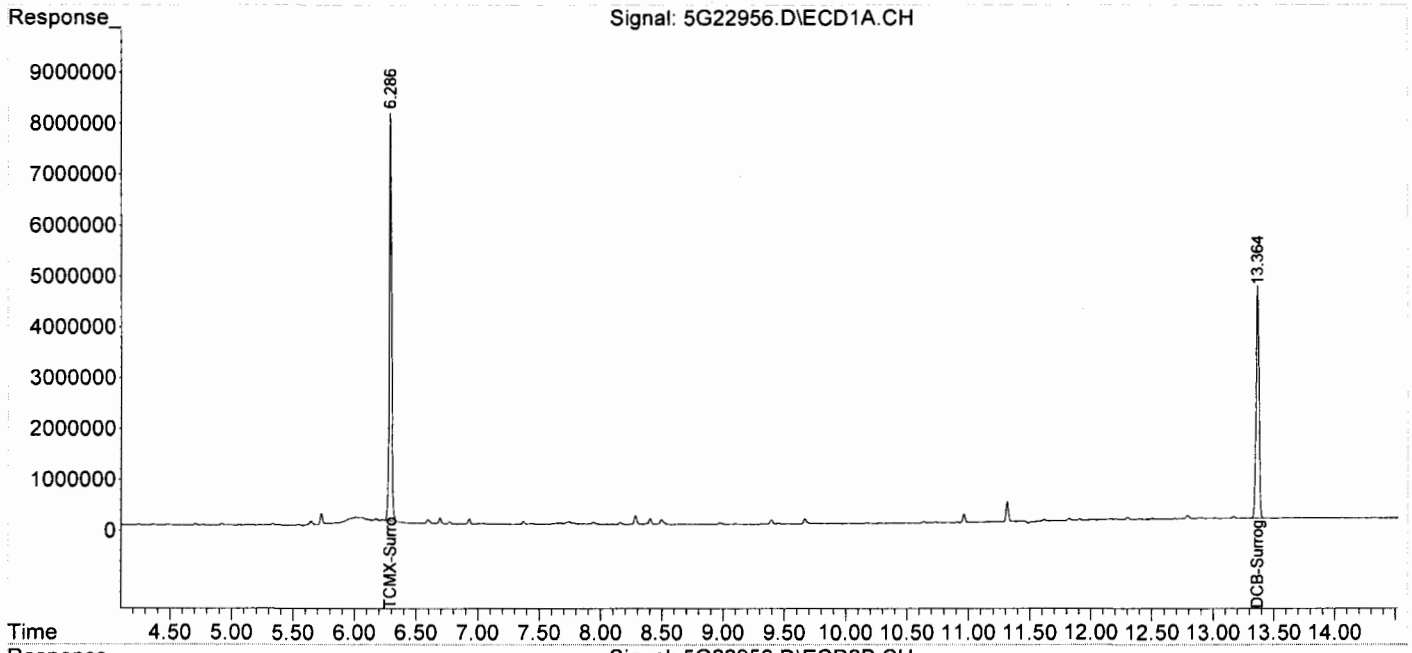
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	6.286	6.243	104.6E6	65746021	82.300m	86.933m
22)	DCB-Surrogate	13.365	13.733	77150489	46637923	70.947	70.875m

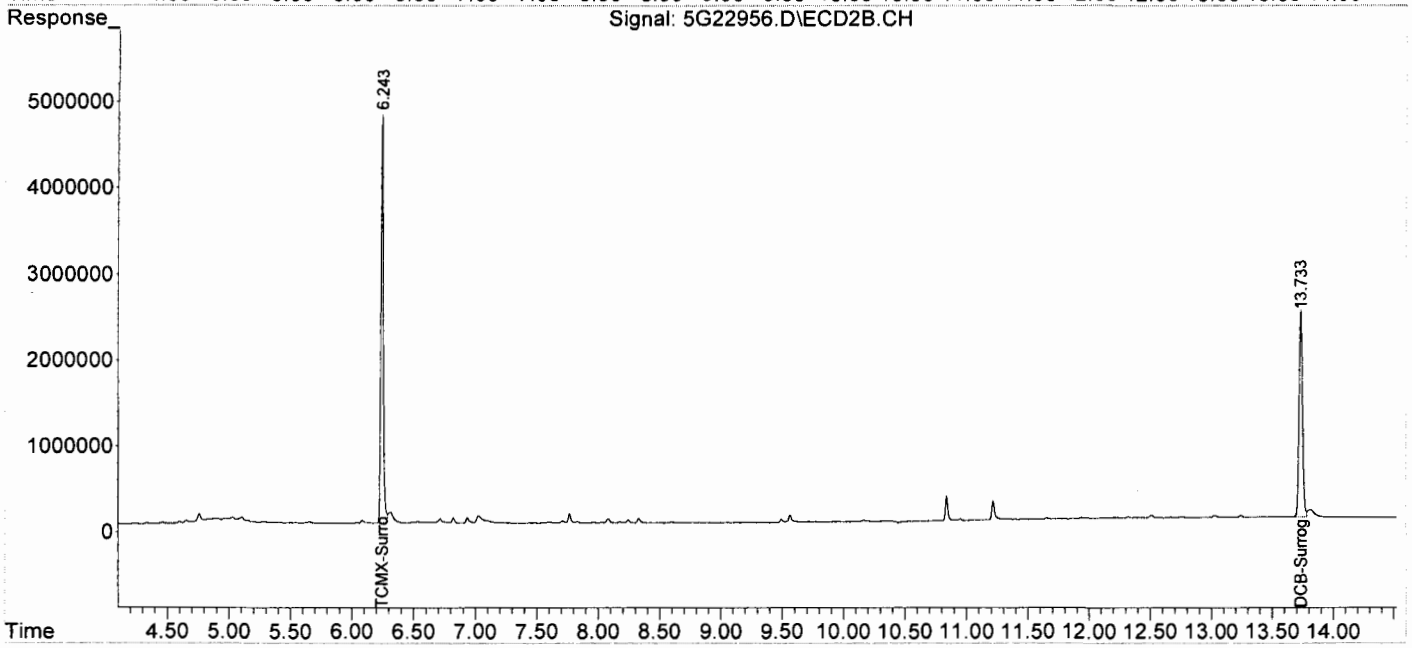
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\GCDATA\2009\GC_5\Data\07-20-09\
Data File : 5G22956.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:08
Operator : JP
Sample : AC45774-008
Misc : A,PEST
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 11:58:34 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22957.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:26
Operator : JP
Sample : AC45774-009(MS:AC45774-008)
Misc : A,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:44:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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	6.286	6.243	108.7E6	68770321	85.518m	90.932m
2)alpha-BHC	7.591	7.252	170.6E6	116.6E6	96.129	94.149m
3)gamma-BHC	8.121	7.791	162.4E6	103.6E6	97.868	98.143
4)beta-BHC	9.032	7.876	69587738	48302447	92.545	98.852
5)Heptachlor	8.388	8.228	144.6E6	75107193	94.490m	98.654
6)delta-BHC	9.352	8.365	144.8E6	98940311	95.909	91.158m
7)Aldrin	8.746	8.662	149.5E6	90860578	97.719m	93.559m
8)Heptachlor Epoxid	9.574	9.363	138.0E6	81973235	99.776m	96.399m
9)y-chlordane	9.960	9.563	143.0E6	86124723	100.175	92.527
10)a-chlordane	10.023	9.760	137.0E6	79413404	99.531	93.991
11)Endosulfan I	9.914	9.806	127.3E6	81907888	99.416	96.064
12)p,p'-DDE	10.106	10.041	139.3E6	82004801	100.256	93.832
13)Dieldrin	10.346	10.178	142.0E6	80901647	104.214	100.378
14)Endrin	10.592	10.625	118.9E6	62840912	105.552m	103.421
15)p,p'-DDD	11.027	10.704	108.7E6	61144344	99.596	98.963
16)Endosulfan II	11.145	10.832	121.7E6	76797960	103.852	103.070
17)p,p'-DDT	11.222	11.063	101.3E6	53801122	100.435	101.403
18)Endrin Aldehyde	11.625	11.213	84295284	56341078	101.007	106.385
19)Endosulfan Sulfat	11.977	11.353	103.5E6	62624058	98.514	94.697m
20)Methoxychlor	11.885	12.058	47145713	21869873	98.125	101.576
21)Endrin Ketone	12.460	12.278	107.9E6	72632300	101.325m	96.250m
22)DCB-Surrogate	13.365	13.733	101.1E6	60859384	92.988	92.487m

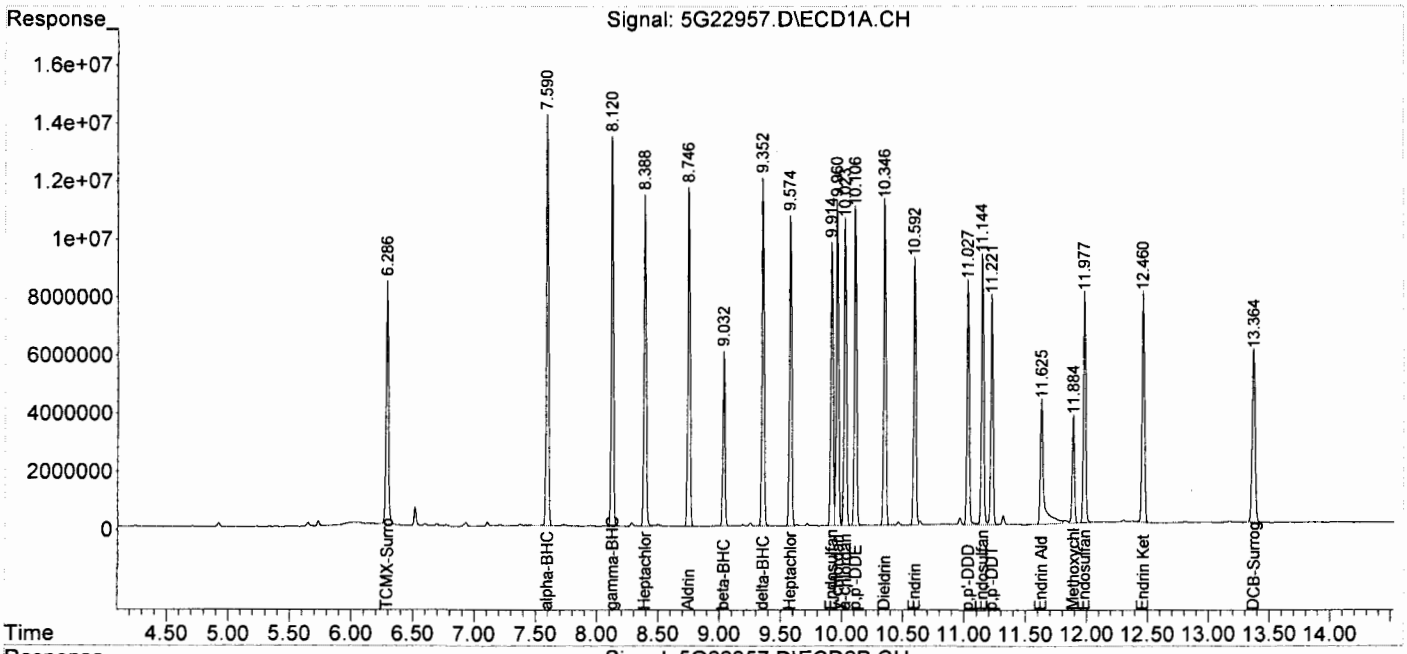
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

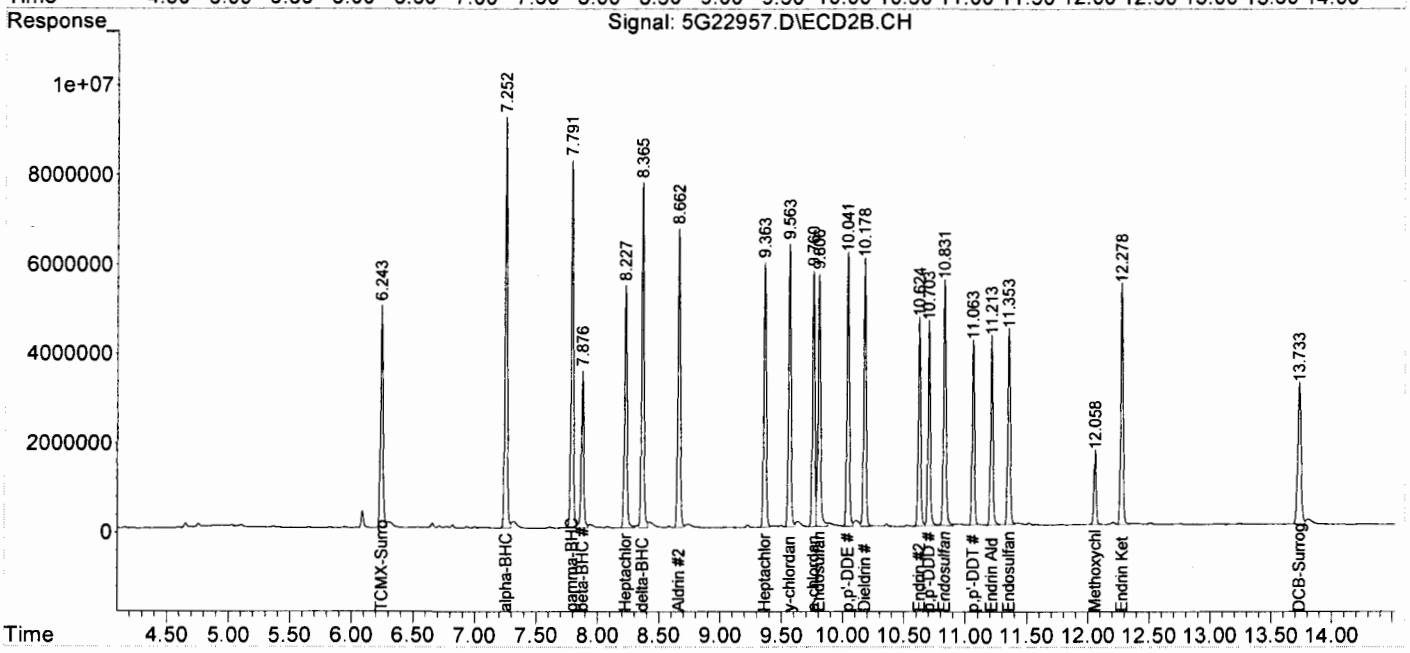
Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22957.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:26
Operator : JP
Sample : AC45774-009(MS:AC45774-008)
Misc : A,PEST
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:44:30 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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)

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22958.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:44
Operator : JP
Sample : AC45774-010(MSD:AC45774-008)
Misc : A,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:46:52 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

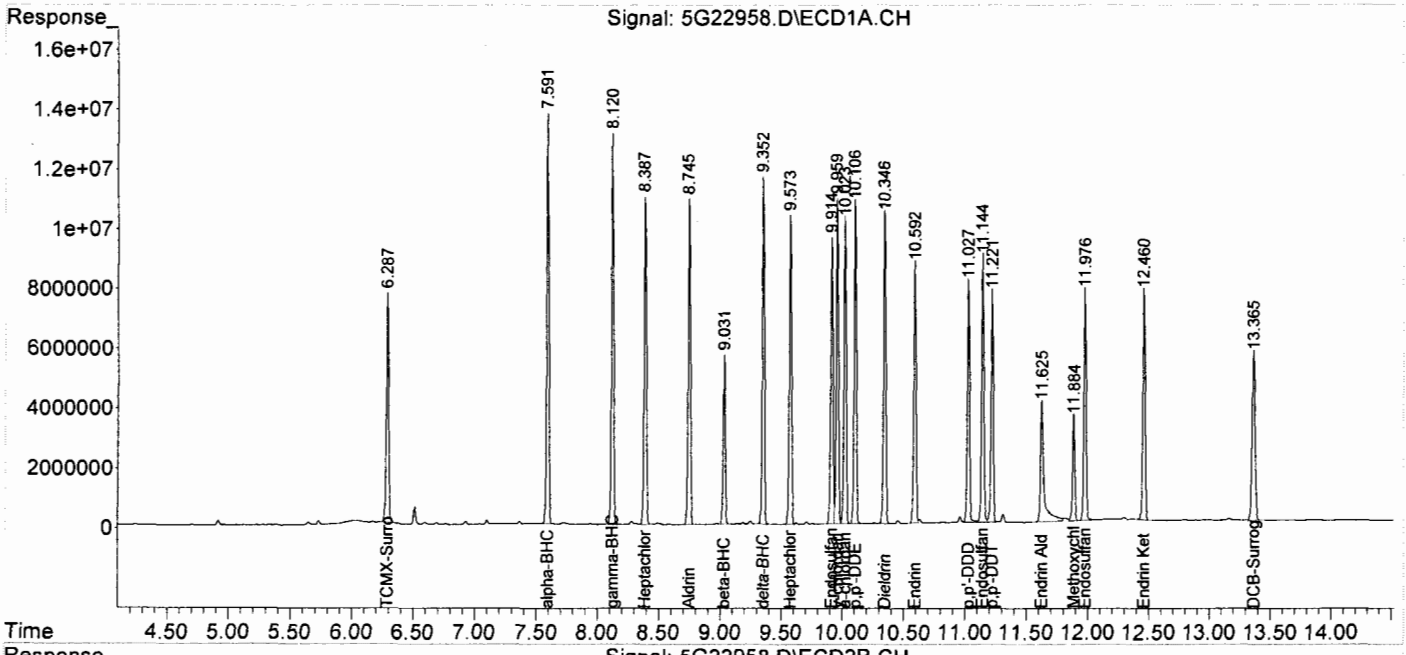
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	6.287	6.243	98789632	62770864	77.748m	82.999m
2)alpha-BHC	7.591	7.253	164.4E6	113.0E6	92.655	91.231m
3)gamma-BHC	8.121	7.792	156.7E6	99907634	94.399	94.606
4)beta-BHC	9.032	7.877	67019776	46709652	89.130	95.593
5)Heptachlor	8.388	8.228	139.5E6	73394407	91.160	96.404
6)delta-BHC	9.352	8.365	139.6E6	96551652	92.506	88.958
7)Aldrin	8.746	8.662	140.0E6	85272915	91.483	87.805m
8)Heptachlor Epoxid	9.573	9.364	132.8E6	78351558	96.033m	92.140
9)y-chlordane	9.960	9.563	137.8E6	83195785	96.514	89.381
10)a-chlordane	10.023	9.760	132.0E6	76476801	95.910	90.516
11)Endosulfan I	9.914	9.805	122.7E6	79129301	95.783	92.805
12)p,p'-DDE	10.106	10.041	134.2E6	79153487	96.604	90.570
13)Dieldrin	10.346	10.178	137.1E6	78347469	100.589	97.209
14)Endrin	10.592	10.625	114.7E6	61006692	101.824m	100.402
15)p,p'-DDD	11.027	10.703	104.5E6	59164560	95.783	95.758
16)Endosulfan II	11.145	10.831	118.1E6	73700781	100.761	98.913
17)p,p'-DDT	11.221	11.063	97984621	52685552	97.229	99.358m
18)Endrin Aldehyde	11.625	11.213	81052539	54274195	97.121	102.482
19)Endosulfan Sulfat	11.977	11.353	100.4E6	60458289	95.571	91.422m
20)Methoxychlor	11.885	12.058	45609830	21243575	94.929	98.667
21)Endrin Ketone	12.461	12.277	103.8E6	70290495	97.515	93.147m
22)DCB-Surrogate	13.365	13.733	96936667	58135578	89.142	88.348m

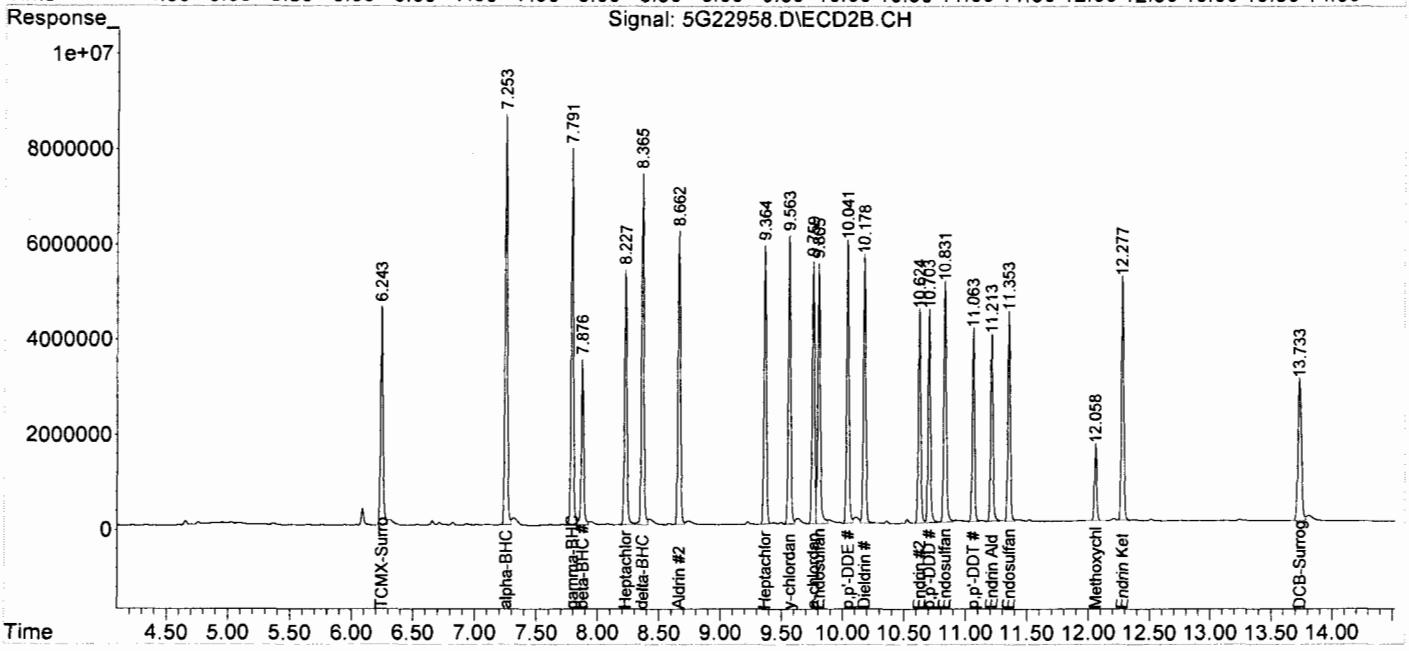
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_5\Data\07-20-09\
Data File : 5G22958.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Jul 2009 10:44
Operator : JP
Sample : AC45774-010(MSD:AC45774-008)
Misc : A,PEST
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: PEST1.E
Integration File signal 2: Pest2.e
Quant Time: Jul 20 12:46:52 2009
Quant Method : G:\GCDATA\2009\GC_5\METHODQT\5G_PEST0709.M
Quant Title : @GC_5,ug,608,8081
QLast Update : Thu Jul 09 08:23:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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





GC Pesticide Data
Logbook Data

Hampton-Clarke/Veritech

ASE EXTRACTION – Method 3545

Method Blank No. SMB- 23208
Blank Spike (SMBS): PEST > 23208
Blank Spike (SMBS): PCB

Date: 07/17/09
Matrix Spike: PEST 45774-006; 007
Matrix Spike: PCB 45774-006; 007

Analysis: Pest / PCB / Herb / Other

Sample Number	No. in batch				Initial Volume	Final Volume	Extracted By/Position/ Comments RMC 45142
	Pest	PCB	Herb	Other			
MB 23208	x	x			20g	10mL	jg / 1 / ASE#3 Cell 17
MBS 23208	x	x			↓	↓	/ 2,3 / 7,8
MS 45774-006	x	x					/ 4,5 / 20,22
MSD 45774-007	x	x					/ 6,7 / 21,24
45774-005	1	1					/ 8 / 25
45774-001	2	2					/ 9 / 26
45774-002	3	3					/ 10 / 27
45774-003	4	4					/ 11 / 28
45774-004	5	5					/ 12 / 29
45774-015	6	6					/ 13 / 30
45822-002	7	7					/ 1 / ASE#2 31
45822-003	8	8					/ 2 / 32
45822-004	9	9					/ 3 / 33
45822-008	10	10					/ 4 / 34
45775-001	11	11					/ 5 / 35
45775-005	12	12					/ 6 / 36
45775-006	13	13					/ 7 / 37
45790-001	14						/ 8 / 38
45790-002	15						/ 9 / 39
45818-001	16	14					/ 10 / 40
45786-002	17	15					/ 11 / 41
45783-001	18	16					/ 12 / 42
							/
							/
							/
							/
							/
							/
							/
							/

Cleanup: Acid x TBA ___ Copper x Florisil ___ Other ___

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	10	66877	(Pest) / PCB / Herb / Other
↓	100	66876	↓

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	10	65039	(Pest) / (PCB) / Herb / Other

Reagent Lots: MeCL2 _____ Acetone V3994 Hexane V3999 Na2SO4 _____ Ether ___
MTBE _____ Other _____

Relinquished By: jg
Received By: [signature]

Date: 07/17/09
Date: 7/20/09

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Hampton-Clarke/Veritech

Method Blank No. WMB- 3604
Blank Spike (WMBS): Pest : 3604
Blank Spike (WMBS): PCB : 3604

Date: 07/17/09
Matrix Spike: Pest: 45774-009, 010
Matrix Spike: PCB: 45774-009, 010

Extraction: Pest (3510C)/ PCB (3510C) / Herb (8151A) / Other(list):

Sample Number	No. in batch				Initial Vol	Final Vol	Extracted By/ Comments	TCLP QC	Extraction Fluid
	Pest	PCB	Herb	Other					
MB 3604	x	x			1000ml	5.0 ml	KR Rack #46		
MBS 3604	x	x			↓				
MS 45774-009	x	x			930ml (Pest), 930ml (PCB)				
MSD 45774-010	x	x			930ml (Pest), 920 (PCB)				
45774-008	1	1			910ml				
45774-016	2	2			950ml				
45774-011	3	3			940ml				
45774-013	4	4			950ml				
45774-014	5	5			930ml				
45774-017	6	6			930ml				
45774-012	7	7			920ml				
45815-001		8			950ml				
45775-003	8	9			900ml				
45775-004	9	10			950ml				
45822-005	10	11			990ml				
45822-006	11	12			1000ml				
45822-007	12	13			960ml	↓	↓ ✓		

KR 07/16

Cleanup: Acid ___ TBA ___ Copper ____ Florisil ____ Other _____

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	100	V-66876	Pest / PCB / Herb/ Other
↓	10	V-66877	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	10	V-65039	Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other
			Pest / PCB / Herb/ Other

Reagent Lots: MeCL2 V-4189 Acetone _____ Hexane V-4132 Na2SO4 V-4146 Ether ____

MTBE _____ Other _____

Relinquished By: KR Date: 07/17/09 Received
By: _____ Date: 7/20/09

T:\QC\FORMS\LOGBOOK FORMS\extractions\PestPCB Herb Aq Ext Log.doc

RUN LOG

1-1-5G22861

Instrument: GC_5 Year: 0990
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G22861.	CAL EVAL		IsEe1=4.4:Ee2=6.4OK,V-63386	JP		Soil	1	1	8081	07/09 03:01
5G22862.	CAL PEST@100PPB		OK, B5471	JP		Soil	1	1	608 8081	07/09 03:19
5G22863.	CAL PEST@50PPB		OK, B5471	JP		Soil	1	1	608 8081	07/09 03:37
5G22864.	CAL PEST@10PPB		OK, B5471	JP		Soil	1	1	608 8081	07/09 03:55
5G22865.	CAL PEST@2PPB		OK, B5471	JP		Soil	1	1	608 8081	07/09 04:14
5G22866.	CAL PEST@200PPB		OK, B5471	JP		Soil	1	1	608 8081	07/09 04:32
5G22867.	CAL PEST@400PPB		OK, B5471	JP		Soil	1	1	608 8081	07/09 04:50
5G22868.	CAL CHLO@100PPB		OK,V-62463	JP		Soil	1	1	608 8081	07/09 05:08
5G22869.	CAL TOX@500PPB		OK,V-62461	JP		Soil	1	1	608 8081	07/09 05:26
5G22870.	ICV		OK,V-61469	JP		Soil	1	1	8081	07/09 05:45
5G22871.	CAL PEST@100PPB		OK,V-63390	JP		Soil	0.5	1	608 8081	07/09 07:31

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Ehe	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Preg/rundates modcheckoregrunds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

Instrument: GC_5 Year: 0991
Analyst: JP

1-1-5G22950

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G22950.	CAL EVAL	Ee1=3.4:Ee2=6.1:	OK,V-63386,	JP		Aqueous	1	1	608 8081	07/20 07:56
5G22951.	CAL PEST@100PPB		OK,V-63390, V-63389	JP		Aqueous	0.5	1	608 8081	07/20 08:35
5G22952.	WMB3605(MS)		OK WMB3605	JP		Aqueous	1	1	608 8081	07/20 08:55
5G22953.	WMB3605		OK	JP		Aqueous	1	1	608 8081	07/20 09:13
5G22954.	WMB3604		OK	JP		Aqueous	1	1	608 8081	07/20 09:31
5G22955.	WMB3604(MS)		OK WMB3604	JP		Aqueous	1	1	608 8081	07/20 09:49
5G22956.	AC45774-008		OK WMB3604	JP	PE-8081	Aqueous	1	1	8081	07/20 10:08
5G22957.	AC45774-009(MS:AC4		OK WMB3604	JP	PE-8081	Aqueous	1	1	608 8081	07/20 10:26
5G22958.	AC45774-010(MSD:AC		OK WMB3604	JP	PE-8081	Aqueous	1	1	608 8081	07/20 10:44
5G22959.	CAL PEST@100PPB		OK	JP		Aqueous	0.5	1	608 8081	07/20 11:02
5G22960.	AC45775-003		OK	JP	PE-608	Aqueous	1	1	608	07/20 11:20
5G22961.	AC45775-004		OK	JP	PE-608	Aqueous	1	1	608	07/20 11:39
5G22962.	AC45822-005		OK	JP	PE-8081	Aqueous	1	1	8081	07/20 12:00
5G22963.	AC45822-006		OK	JP	PE-608	Aqueous	1	1	608	07/20 12:18
5G22964.	AC45822-007		OK	JP	PE-608	Aqueous	1	1	608	07/20 12:36
5G22965.	AC45774-011		OK	JP	PE-8081	Aqueous	1	1	8081	07/20 12:55
5G22966.	AC45774-012		OK	JP	PE-8081	Aqueous	1	1	8081	07/20 13:13
5G22967.	AC45774-013		OK	JP	PE-8081	Aqueous	1	1	8081	07/20 13:31
5G22968.	AC45774-014		OK	JP	PE-8081	Aqueous	1	1	8081	07/20 13:49
5G22969.	AC45774-016		OK	JP	PE-8081	Aqueous	1	1	8081	07/20 14:07
5G22970.	AC45774-017		OK	JP	PE-8081	Aqueous	1	1	8081	07/20 14:25
5G22971.	CAL PEST@200PPB		OK	JP		Aqueous	0.25	1	608 8081	07/20 15:00

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over		
Ao	Area Out	Esm	Solvent Extractinn Date Missing/Not check'd	EvF	Eval Mix Failed		
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked		
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin		
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series		
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series		
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out		
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift		
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out		
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out		
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)		
Cma	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)		
Co	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out		
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked		
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time		
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time		
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time		
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration		
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration		

RUN LOG

1-1-5G22972

Instrument: GC_5 Year: 2000992
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5G22972.	CAL EVAL	Ee1=2;Ee2=2.8:Ed	OK,V-63386	JP		Aqueous	1	1	608 8081	07/21 03:01
5G22973.	CAL PEST@100PPB		OK,V-63390, V-63389	JP		Aqueous	0.5	1	608 8081	07/21 03:19
5G22974.	200PPB		NOT USED	JP		Aqueous	0.25	1	608 8081	07/21 03:37
5G22975.	SMB2321B		OK	JP		Soil	1	1	8081	07/21 03:55
5G22976.	SMB2320B		OK	JP		Soil	1	1	8081	07/21 04:14
5G22977.	EF-1-V 69665		OK	JP		Aqueous	1	1	8081	07/21 04:32
5G22978.	AC45807-001(T)		OK	JP	PETCLP-808	Aqueous	1	1	8081	07/21 04:50
5G22979.	AC45807-002(T)		OK	JP	PETCLP-808	Aqueous	1	1	8081	07/21 05:08
5G22980.	WMB3607		OK	JP		Aqueous	1	1	608 8081	07/21 05:26
5G22981.	WMB3607(MS)		OK	JP		Aqueous	1	1	608 8081	07/21 05:45
5G22982.	AC45845-007		REX	JP	PE-608	Aqueous	1	1	608	07/21 06:03
5G22983.	AC45833-020		OK	JP	PE-8081	Aqueous	1	1	8081	07/21 06:21
5G22984.	AC45833-021		OK	JP	PE-8081	Aqueous	1	1	8081	07/21 06:39
5G22985.	SMB2321B(MS)		OK	JP		Soil	1	1	8081	07/21 06:57
5G22986.	AC45845-002(MS)		OK	JP	PE-8081	Soil	1	1	8081	07/21 07:15
5G22987.	AC45845-002(MSD)		OK	JP	PE-8081	Soil	1	1	8081	07/21 07:34
5G22988.	CAL PEST@200PPB		OK	JP		Soil	0.25	1	608 8081	07/21 08:19
5G22989.	CAL EVAL	Ee1=3;Ee2=4.6:Ed	OK	JP		Soil	1	1	8081	07/21 08:42
5G22990.	MBS -1(ND)		OK	JP		Aqueous	1	1	608 8081	07/21 09:10
5G22991.	MBS -2(ND)		OK	JP		Aqueous	1	1	608 8081	07/21 09:29
5G22992.	MBS -3(ND)		OK	JP		Aqueous	1	1	608 8081	07/21 09:47
5G22993.	MBS -4(ND)		OK	JP		Aqueous	1	1	608 8081	07/21 10:05
5G22994.	CAL PEST@200PPB		OK	JP		Aqueous	0.25	1	608 8081	07/21 10:23
5G22995.	TEST	CmeEvTi8	NOT USED	JP		Soil	1	1	8081	07/22 10:00
5G22996.	TEST	CmeEvTi8	NOT USED	JP		Soil	1	1	8081	07/22 10:18
5G22997.	TEST	CmeEvTi8	NOT USED	JP		Soil	1	1	8081	07/22 10:37

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Data	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calcnt csv for init calibration chek rls	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Data	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emn	Problem Checking Prep/rundates modcheckprepruna	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6G15655

Instrument: GC_6 Year: 0993
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G15655.	CAL EVAL	Ee1=1.7:Ee2=2.1:	OK,V-63386	JP		Soil	1	1	8081	07/13 08:07
6G15656.	CAL PEST@100PPB	C16C26	NOT USED	JP		Soil	0.5	1	608 8081	07/13 09:30
6G15657.	CAL PEST@100PPB		OK,B-5471	JP		Soil	1	1	608 8081	07/13 09:58
6G15658.	CAL PEST@50PPB		OK,B-5471	JP		Soil	1	1	608 8081	07/13 10:20
6G15659.	CAL PEST@10PPB		OK,B-5471	JP		Soil	1	1	608 8081	07/13 10:35
6G15660.	CAL PEST@2PPB	IsC16C26C18C28	NOT USED	JP		Soil	1	1	608 8081	07/13 10:51
6G15661.	CAL PEST@200PPB		OK,B-5471	JP		Soil	1	1	608 8081	07/13 11:06
6G15662.	CAL PEST@400PPB		OK,B-5471	JP		Soil	1	1	608 8081	07/13 11:21
6G15663.	CAL CHLO@100PPB		OK,V-62463	JP		Soil	1	1	608 8081	07/13 11:36
6G15664.	CAL TOX@500PPB		OK,V-62461	JP		Soil	1	1	608 8081	07/13 11:51
6G15665.	CAL PEST@2PPB		OK,B-5471	JP		Soil	1	1	608 8081	07/13 12:06
6G15666.	ICV		OK,V-61469	JP		Soil	1	1	8081	07/13 12:21
6G15667.	100PPB		NOT USED	JP		Soil	0.5	1	8081	07/13 12:47
6G15668.	CAL PEST@200PPB		OK,V-63389	JP		Soil	0.25	1	608 8081	07/13 14:14

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calcrit.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cma	Endinp Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Ehe	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/updates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibratino
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-6G15722

Instrument: GC_6 Year: 0994
Analyst: JP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
6G15722.	CAL EVAL	Ee1=2.8:Ee2=4.3:	OK,V-63386	JP		Soil	1	1	8081	07/20 07:34
6G15723.	CAL PEST@100PPB	C26	OK,V-63390, V-63389	JP		Soil	0.5	1	608 8081	07/20 08:08
6G15724.	AC45774-001		OK	JP	PE-8081	Soil	1	1	8081	07/20 08:26
6G15725.	AC45774-005		OK SMB2320B	JP	PE-8081	Soil	1	1	8081	07/20 08:44
6G15726.	SMB2320B(MS)		OK SMB2320B	JP		Soil	1	1	8081	07/20 08:59
6G15727.	AC45774-006(MS:AC4		OK SMB2320B	JP	PE-8081	Soil	1	1	8081	07/20 09:14
6G15728.	AC45774-007(MSD:AC		OK SMB2320B	JP	PE-8081	Soil	1	1	8081	07/20 09:29
6G15729.	AC45845-002		OK	JP	PE-8081	Soil	1	1	8081	07/20 09:44
6G15730.	AC45774-002		OK	JP	PE-8081	Soil	1	1	8081	07/20 09:59
6G15731.	AC45774-003		OK	JP	PE-8081	Soil	1	1	8081	07/20 10:14
6G15732.	AC45774-004		OK	JP	PE-8081	Soil	1	1	8081	07/20 10:29
6G15733.	AC45774-015		OK	JP	PE-8081	Soil	1	1	8081	07/20 10:44
6G15734.	AC45775-001		OK	JP	PE-8081	Soil	1	1	8081	07/20 11:02
6G15735.	AC45775-005		OK	JP	PE-8081	Soil	1	1	8081	07/20 11:17
6G15736.	AC45775-006		OK	JP	PE-8081	Soil	1	1	8081	07/20 11:32
6G15737.	AC45822-002		OK	JP	PE-8081	Soil	1	1	8081	07/20 11:47
6G15738.	AC45822-003		OK	JP	PE-8081	Soil	1	1	8081	07/20 12:02
6G15739.	AC45822-004		OK	JP	PE-8081	Soil	1	1	8081	07/20 12:17
6G15740.	AC45822-008		OK	JP	PE-8081	Soil	1	1	8081	07/20 12:32
6G15741.	AC45786-002		OK	JP	PE-8081	Soil	1	1	8081	07/20 12:47
6G15742.	AC45818-001		OK	JP	PE-8081	Soil	1	1	8081	07/20 13:02
6G15743.	AC45783-001		OK	JP	PE-8081	Soil	1	1	8081	07/20 13:17
6G15744.	CAL PEST@200PPB	C26	OK	JP		Soil	0.25	1	608 8081	07/20 14:20

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprerunds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-50725

Prepared By: Desai, Kinjal
Description: PEST/PCB SURR
Prep Date: 8/26/2008
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2833	Acetone	100 ml	neat neat	
2886	2,4,5,6-Tetrachloro-m-xylene	20 mg	neat neat	200 ppm
2885	Decachlorobiphenyl	20 mg	neat neat	200 ppm

Veritech Lot Number: V-61014

Prepared By: Shah, Meghaben A.
Description: PEST SPIKE
Prep Date: 2/17/2009
Expiration Date: 8/16/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3762	Acetone	99.5 ml	neat neat	10 ppm
3883	CLP Organochlorine Pesticides Mix	.5 ml	2000 ug/ml	10 ppm

Veritech Lot Number: V-61469

Prepared By: Patel, Jignesh
Description: ICV-PEST
Prep Date: 2/25/2009
Expiration Date: 8/16/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61014	PEST SPIKE	100 ul	10 ppm	100 ppb
3863	hexanes	9895 ul	neat neat	
V-50725	PEST/PCB SURR	5 ul	200 ppm	100 ppb

Veritech Lot Number: V-62460

Prepared By: Patel, Jignesh
Description: TOXAPHENE- INTERMEDIATE
Prep Date: 3/16/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3975	TOXAPHENE	50 ul	1000 ppm	50 ppm
3863	hexanes	925 ul	neat neat	neat
V-50725	PEST/PCB SURR	25 ul	200 ppm	50 ppm

Veritech Lot Number: V-62461

Prepared By: Patel, Jignesh
Description: TOXAPHENE
Prep Date: 3/16/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 500 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-62460	TOXAPHENE- INTERMEDIATE	100 ul	50 ppm	500 ppb
3863	hexanes	9900 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-62462

Prepared By: Patel, Jignesh
Description: CHLORDANE INTERMED.
Prep Date: 3/16/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	940 ul	neat neat	
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm
3983	CHLORDANE	10 ul	1000 ppm	10 ppm

Veritech Lot Number: V-62463

Prepared By: Patel, Jignesh
Description: CHLORDANE
Prep Date: 3/16/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3863	hexanes	9900 ul	neat neat	
V-62462	CHLORDANE INTERMED.	100 ul	10 ppm	100 ppb

Veritech Lot Number: V-63386

Prepared By: Patel, Jignesh
Description: EVAL MIX
Prep Date: 4/2/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 100 ppb
Final Volume: 25 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3908	Hexanes	24982.5 ul	neat neat	
V-50725	PEST/PCB SURR	12.5 ul	200 ppm	100 ppb
3222	DDT/Endrin Mix	5 ul	500 ppm	100 ppb

Veritech Lot Number: V-63387

Prepared By: Patel, Jignesh
Description: PEST-INTERM.
Prep Date: 4/2/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3908	Hexanes	940 ul	neat neat	
3970	PESTICIDES MIX	10 ul	1000 ppm	10 ppm
V-50725	PEST/PCB SURR	50 ul	200 ppm	10 ppm

Veritech Lot Number: V-63388

Prepared By: Patel, Jignesh
Description: PEST 400PPB CURVE
Prep Date: 4/2/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber: B-5471
Concentration: 400 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3908	Hexanes	48000 ul	neat neat	
V-63387	PEST-INTERM.	2000 ul	10 ppm	400 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-63389

Prepared By: Patel, Jignesh
Description: PEST 200PPB CURVE
Prep Date: 4/2/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber: B-5471
Concentration: 200 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3908	Hexanes	49000 ul	neat neat	
V-63387	PEST-INTERM.	1000 ul	10 ppm	200 ppb

Veritech Lot Number: V-63390

Prepared By: Patel, Jignesh
Description: PEST 100PPB CURVE
Prep Date: 4/2/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber: B-5471
Concentration: 100 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3908	Hexanes	49500 ul	neat neat	
V-63387	PEST-INTERM.	500 ul	10 ppm	100 ppb

Veritech Lot Number: V-63391

Prepared By: Patel, Jignesh
Description: PEST 50PPB CURVE
Prep Date: 4/2/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber: B-5471
Concentration: 50 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3908	Hexanes	49750 ul	neat neat	
V-63387	PEST-INTERM.	250 ul	10 ppm	50 ppb

Veritech Lot Number: V-63392

Prepared By: Patel, Jignesh
Description: PEST 10PPB CURVE
Prep Date: 4/2/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber: B-5471
Concentration: 10 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3908	Hexanes	49950 ul	neat neat	
V-63387	PEST-INTERM.	50 ul	10 ppm	10 ppb

Veritech Lot Number: V-63393

Prepared By: Patel, Jignesh
Description: PEST 2PPB CURVE
Prep Date: 4/2/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber: B-5471
Concentration: 2 ppb
Final Volume: 50 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3908	Hexanes	49990 ul	neat neat	
V-63387	PEST-INTERM.	10 ul	10 ppm	2 ppb

Veritech Lot Number: V-65039

Prepared By: Shah, Meghaben A.
Description: PEST/PCB SURROGATE
Prep Date: 4/29/2009
Expiration Date: 8/27/2009
Department: Organics
BatchNumber:
Concentration: 10 ppm
Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3928	Acetone	475 ml	neat neat	10 ppm
V-50725	PEST/PCB SURR	25 ml	200 ppm	10 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-66877

Prepared By:	Shah, Meghaben A.	Department:	Organics
Description:	PEST SPIKE	BatchNumber:	
Prep Date:	6/2/2009	Concentration:	10 ppm
Expiration Date:	11/29/2009	Final Volume:	100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3959	Acetone	99.5 ml	neat neat	10 ppm
3883	CLP Organochlorine Pesticides Mix	.5 ml	2000 ug/ml	10 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2833

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A40-4	072330	10/29/07	10/28/09	Lopez, Jose	24	4L	neat	neat

Veritech Control/Receipt Number: 2885

Description
Decachlorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2537	LB51032	11/19/07	08/31/10	Hamid, Akmal	2	100m	neat	neat

Veritech Control/Receipt Number: 2886

Description
2,4,5,6-Tetrachloro-m-xylene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	44-2298	LB51139	11/19/07	08/31/10	Hamid, Akmal	1	1000	neat	neat

Veritech Control/Receipt Number: 3222

Description
DDT/Endrin Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48282	LB52469	04/14/08	10/31/10	Revolus, Jean	2	1ml	500	PPM

Veritech Control/Receipt Number: 3762

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	925403	G38E10	11/25/08	11/24/10	Okomeng, Maxwel	32	4LT	neat	neat

Veritech Control/Receipt Number: 3863

Description
hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	926203	G43E41	01/20/09	01/19/10	Okomeng, Maxwel	8	4LT	neat	neat

Veritech Control/Receipt Number: 3883

Description
CLP Organochlorine Pesticides Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47426-U	LB55990	01/28/09	02/28/11	Hamid, Akmal	2	1ml	2000	ug/ml

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3908

Description
Hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9262-03	G39E14	02/03/09	02/02/10	Lopez, Jose	16	4L	neat	neat

Veritech Control/Receipt Number: 3928

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.baker	9254-03	G41E04	02/24/09	02/23/11	Lopez, Jose	20	4L	neat	neat

Veritech Control/Receipt Number: 3959

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G49E58	03/10/09	03/10/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3970

Description
PESTICIDES MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8081-SC	B9010338	03/11/09	01/29/12	Revolus, Jean	1	1ML	1000	PPM

Veritech Control/Receipt Number: 3975

Description
TOXAPHENE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F106BS	409-122A	03/11/09	11/30/10	Revolus, Jean	1	5ML	1000	PPM

Veritech Control/Receipt Number: 3983

Description
CHLORDANE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48065-U	LB52687	03/16/09	10/30/10	Hamid, Akmal	1	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3994

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G45E25	03/24/09	03/23/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 3999

Description
Hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Bkaer	9262-03	G41E40	03/24/09	03/24/10	Lopez, Jose	4	4L	neat	neat

Veritech Control/Receipt Number: 4132

Description
Hexanes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9262-03	G47E51	05/05/09	05/04/10	Lopez, Jose	16	4L	neat	neat

Veritech Control/Receipt Number: 4146

Description
SODIUM SULFATE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SEIDLER	SC33751C	401203	05/19/09	05/18/11	Okomeng, Maxwel	4	100C	NEAT	NEAT

Veritech Control/Receipt Number: 4189

Description
METHYLENE CHLORIDE

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T BAKER	926403	G51403	06/16/09	06/15/11	Okomeng, Maxwel	120	4LT	neat	neat

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC45774-001	07/15/09 13:25	FRAN	0	M	Received
AC45774-001	07/15/09 13:49	FRAN	0	M	Login
AC45774-001	07/16/09 08:29	R21	1	A	NONE
AC45774-001	07/16/09 10:13	WP	1	A	voa
AC45774-001	07/16/09 10:47	R21	1	A	NONE
AC45774-001	07/15/09 14:08	R12	2	A	NONE
AC45774-001	07/16/09 07:13	PA	2	A	MIXING
AC45774-001	07/16/09 10:12	JAD	2	A	%solids
AC45774-001	07/16/09 10:29	NNM	2	A	SULFUR
AC45774-001	07/16/09 16:11	R12	2	A	NONE
AC45774-001	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-001	07/16/09 19:42	R12	2	A	NONE
AC45774-001	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-001	07/17/09 10:56	R12	2	A	NONE
AC45774-001	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-001	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-001	07/18/09 14:25	R12	2	A	NONE
AC45774-002	07/15/09 13:25	FRAN	0	M	Received
AC45774-002	07/15/09 13:49	FRAN	0	M	Login
AC45774-002	07/16/09 08:29	R21	1	A	NONE
AC45774-002	07/16/09 10:13	WP	1	A	voa
AC45774-002	07/16/09 10:47	R21	1	A	NONE
AC45774-002	07/15/09 14:08	R12	2	A	NONE
AC45774-002	07/16/09 07:13	PA	2	A	MIXING
AC45774-002	07/16/09 10:12	JAD	2	A	%solids
AC45774-002	07/16/09 12:08	R12	2	A	NONE
AC45774-002	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-002	07/16/09 19:42	R12	2	A	NONE
AC45774-002	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-002	07/17/09 10:56	R12	2	A	NONE
AC45774-002	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-002	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-002	07/18/09 14:25	R12	2	A	NONE
AC45774-003	07/15/09 13:25	FRAN	0	M	Received
AC45774-003	07/15/09 13:49	FRAN	0	M	Login
AC45774-003	07/16/09 08:29	R21	1	A	NONE
AC45774-003	07/16/09 10:13	WP	1	A	voa
AC45774-003	07/16/09 10:47	R21	1	A	NONE
AC45774-003	07/15/09 14:08	R12	2	A	NONE
AC45774-003	07/16/09 07:13	PA	2	A	MIXING
AC45774-003	07/16/09 10:12	JAD	2	A	%solids
AC45774-003	07/16/09 12:08	R12	2	A	NONE
AC45774-003	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-003	07/16/09 19:42	R12	2	A	NONE
AC45774-003	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-003	07/17/09 10:56	R12	2	A	NONE
AC45774-003	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-003	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-003	07/18/09 14:25	R12	2	A	NONE
AC45774-004	07/15/09 13:25	FRAN	0	M	Received
AC45774-004	07/15/09 13:49	FRAN	0	M	Login
AC45774-004	07/16/09 08:29	R21	1	A	NONE
AC45774-004	07/16/09 10:13	WP	1	A	voa
AC45774-004	07/16/09 10:47	R21	1	A	NONE
AC45774-004	07/15/09 14:08	R12	2	A	NONE
AC45774-004	07/16/09 07:13	PA	2	A	MIXING
AC45774-004	07/16/09 10:12	JAD	2	A	%solids
AC45774-004	07/16/09 12:08	R12	2	A	NONE
AC45774-004	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-004	07/16/09 19:42	R12	2	A	NONE
AC45774-004	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-004	07/17/09 10:56	R12	2	A	NONE
AC45774-004	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-004	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-004	07/18/09 14:25	R12	2	A	NONE
AC45774-005	07/15/09 13:25	FRAN	0	M	Received
AC45774-005	07/15/09 13:49	FRAN	0	M	Login
AC45774-005	07/16/09 08:29	R21	1	A	NONE
AC45774-005	07/16/09 10:13	WP	1	A	voa
AC45774-005	07/16/09 10:47	R21	1	A	NONE
AC45774-005	07/15/09 14:08	R12	2	A	NONE
AC45774-005	07/16/09 07:13	PA	2	A	MIXING
AC45774-005	07/16/09 10:12	JAD	2	A	%solids
AC45774-005	07/16/09 12:08	R12	2	A	NONE
AC45774-005	07/16/09 16:58	MANSI	2	A	s,bna
AC45774-005	07/16/09 19:42	R12	2	A	NONE
AC45774-005	07/17/09 08:57	JOLA	2	A	S,PE/PCB
AC45774-005	07/17/09 10:56	R12	2	A	NONE
AC45774-005	07/18/09 10:29	OA	2	A	TDSI/HG
AC45774-005	07/18/09 10:30	OA	2	A	TDSI/HG
AC45774-005	07/18/09 14:25	R12	2	A	NONE
AC45774-008	07/15/09 13:25	FRAN	0	M	Received
AC45774-008	07/15/09 13:49	FRAN	0	M	Login
AC45774-008	07/16/09 08:32	R22	2	A	NONE
AC45774-008	07/16/09 13:36	WP	2	A	VOA
AC45774-008	07/16/09 08:32	R22	3	A	NONE
AC45774-008	07/17/09 08:10	SG	3	A	VOA
AC45774-008	07/15/09 14:08	R12	4	A	NONE
AC45774-008	07/20/09 11:38	OA	4	M	TDWI/HG
AC45774-008	07/20/09 15:08	R12	4	A	NONE
AC45774-008	07/15/09 14:08	R12	5	A	NONE
AC45774-008	07/15/09 14:08	R12	6	A	NONE
AC45774-008	07/17/09 10:32	KALPE	6	A	A-P/P
AC45774-008	07/15/09 14:08	R12	7	A	NONE
AC45774-008	07/15/09 14:08	R12	8	A	NONE
AC45774-008	07/16/09 09:07	JOLA	8	A	A,BN
AC45774-011	07/15/09 13:25	FRAN	0	M	Received
AC45774-011	07/15/09 13:49	FRAN	0	M	Login
AC45774-011	07/16/09 08:32	R22	2	A	NONE
AC45774-011	07/16/09 13:36	WP	2	A	VOA
AC45774-011	07/16/09 08:32	R22	3	A	NONE
AC45774-011	07/17/09 13:10	WP	3	A	VOA
AC45774-011	07/15/09 14:08	R12	4	A	NONE
AC45774-011	07/20/09 11:38	OA	4	M	TDWI/HG
AC45774-011	07/20/09 15:08	R12	4	A	NONE
AC45774-011	07/15/09 14:08	R12	5	A	NONE
AC45774-011	07/15/09 14:08	R12	6	A	NONE
AC45774-011	07/15/09 14:08	R12	7	A	NONE
AC45774-011	07/17/09 10:32	KALPE	7	A	A-P/P
AC45774-011	07/15/09 14:08	R12	8	A	NONE
AC45774-011	07/16/09 09:07	JOLA	8	A	A,BN
AC45774-012	07/15/09 13:25	FRAN	0	M	Received
AC45774-012	07/15/09 13:49	FRAN	0	M	Login
AC45774-012	07/15/09 14:08	R12	1	A	NONE
AC45774-012	07/20/09 11:38	OA	1	M	TDWI/HG
AC45774-012	07/20/09 15:08	R12	1	A	NONE
AC45774-012	07/15/09 14:08	R12	2	A	NONE
AC45774-012	07/16/09 09:07	JOLA	2	A	A,BN
AC45774-012	07/15/09 14:08	R12	3	A	NONE
AC45774-012	07/15/09 14:08	R12	4	A	NONE
AC45774-012	07/15/09 14:08	R12	5	A	NONE
AC45774-012	07/17/09 10:32	KALPE	5	A	A-P/P
AC45774-012	07/16/09 08:32	R22	7	A	NONE
AC45774-012	07/17/09 08:10	SG	7	A	VOA
AC45774-012	07/16/09 08:32	R22	8	A	NONE
AC45774-012	07/16/09 13:36	WP	8	A	VOA
AC45774-013	07/15/09 13:25	FRAN	0	M	Received
AC45774-013	07/15/09 13:49	FRAN	0	M	Login
AC45774-013	07/16/09 08:32	R22	2	A	NONE
AC45774-013	07/16/09 13:36	WP	2	A	VOA
AC45774-013	07/16/09 08:32	R22	3	A	NONE
AC45774-013	07/15/09 14:08	R12	4	A	NONE
AC45774-013	07/20/09 11:38	OA	4	M	TDWI/HG
AC45774-013	07/20/09 15:08	R12	4	A	NONE
AC45774-013	07/15/09 14:08	R12	5	A	NONE
AC45774-013	07/17/09 10:32	KALPE	5	A	A-P/P
AC45774-013	07/15/09 14:08	R12	6	A	NONE
AC45774-013	07/16/09 09:07	JOLA	6	A	A,BN
AC45774-013	07/15/09 14:08	R12	7	A	NONE
AC45774-013	07/15/09 14:08	R12	8	A	NONE
AC45774-014	07/15/09 13:25	FRAN	0	M	Received
AC45774-014	07/15/09 13:49	FRAN	0	M	Login
AC45774-014	07/15/09 14:08	R12	1	A	NONE
AC45774-014	07/20/09 11:38	OA	1	M	TDWI/HG
AC45774-014	07/20/09 15:08	R12	1	A	NONE
AC45774-014	07/15/09 14:08	R12	2	A	NONE
AC45774-014	07/15/09 14:08	R12	3	A	NONE
AC45774-014	07/17/09 10:32	KALPE	3	A	A-P/P
AC45774-014	07/15/09 14:08	R12	4	A	NONE
AC45774-014	07/16/09 09:07	JOLA	4	A	A,BN
AC45774-014	07/15/09 14:08	R12	5	A	NONE
AC45774-014	07/16/09 08:28	SG	12	M	VOA
AC45774-015	07/15/09 13:25	FRAN	0	M	Received
AC45774-015	07/15/09 13:49	FRAN	0	M	Login

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC45774-015	07/15/09 14:08	R12	1	A	NONE
AC45774-015	07/16/09 07:13	PA	1	A	MIXING
AC45774-015	07/16/09 10:12	JAD	1	A	%solids
AC45774-015	07/16/09 12:08	R12	1	A	NONE
AC45774-015	07/16/09 16:58	MANSI	1	A	s,bna
AC45774-015	07/16/09 19:42	R12	1	A	NONE
AC45774-015	07/17/09 08:57	JOLA	1	A	S,PE/PCB
AC45774-015	07/17/09 10:56	R12	1	A	NONE
AC45774-015	07/18/09 10:29	OA	1	A	TDSI/HG
AC45774-015	07/18/09 10:30	OA	1	A	TDSI/HG
AC45774-015	07/18/09 14:25	R12	1	A	NONE
AC45774-015	07/16/09 08:29	R21	2	A	NONE
AC45774-015	07/16/09 10:13	WP	2	A	voa
AC45774-015	07/16/09 10:47	R21	2	A	NONE
AC45774-016	07/15/09 13:25	FRAN	0	M	Received
AC45774-016	07/15/09 13:49	FRAN	0	M	Login
AC45774-016	07/16/09 08:32	R22	1	A	NONE
AC45774-016	07/16/09 08:32	R22	2	A	NONE
AC45774-016	07/16/09 13:36	WP	2	A	VOA
AC45774-016	07/15/09 14:08	R12	4	A	NONE
AC45774-016	07/15/09 14:08	R12	5	A	NONE
AC45774-016	07/15/09 14:08	R12	6	A	NONE
AC45774-016	07/16/09 09:07	JOLA	6	A	A,BN
AC45774-016	07/15/09 14:08	R12	7	A	NONE
AC45774-016	07/17/09 10:32	KALPE	7	A	A-P/P
AC45774-016	07/15/09 14:08	R12	8	A	NONE
AC45774-016	07/20/09 11:38	OA	8	M	TDWI/HG
AC45774-016	07/20/09 15:08	R12	8	A	NONE
AC45774-017	07/15/09 13:25	FRAN	0	M	Received
AC45774-017	07/15/09 13:49	FRAN	0	M	Login
AC45774-017	07/15/09 14:08	R12	1	A	NONE
AC45774-017	07/15/09 14:08	R12	2	A	NONE
AC45774-017	07/17/09 10:32	KALPE	2	A	A-P/P
AC45774-017	07/15/09 14:08	R12	3	A	NONE
AC45774-017	07/16/09 09:07	JOLA	3	A	A,BN
AC45774-017	07/15/09 14:08	R12	4	A	NONE
AC45774-017	07/15/09 14:08	R12	5	A	NONE
AC45774-017	07/20/09 11:38	OA	5	M	TDWI/HG
AC45774-017	07/20/09 15:08	R12	5	A	NONE
AC45774-017	07/16/09 08:32	R22	6	A	NONE
AC45774-017	07/16/09 13:36	WP	6	A	VOA
AC45774-017	07/16/09 08:32	R22	7	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Metal Data

Metal Data
Sample Data

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-001	% Solid:	96	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB01 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1900	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-38-2	Arsenic	2.1	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-39-3	Barium	10	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-41-7	Beryllium	0.62	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-43-9	Cadmium	0.62	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-70-2	Calcium	1000	ND	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7440-47-3	Chromium	5.2	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-48-4	Cobalt	2.6	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-50-8	Copper	5.2	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7439-89-6	Iron	210	3300	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7439-92-1	Lead	7.3	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7439-95-4	Magnesium	520	ND	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7439-96-5	Manganese	10	29	100	07/20/09	10390	T10358B2	30	P	PEICP2
7439-97-6	Mercury	0.087	ND	167	07/21/09	10390	H10390S	20	CV	HGCV1
7440-02-0	Nickel	5.2	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-09-7	Potassium	520	ND	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-22-4	Silver	1.6	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-23-5	Sodium	520	ND	100	07/19/09	10390	S10390A2	21	P	PEICPRAD2
7440-28-0	Thallium	1.2	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-62-2	Vanadium	10	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2
7440-66-6	Zinc	10	ND	100	07/20/09	10390	T10358B2	30	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-002	% Solid:	93	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB02 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	220	3600	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7440-36-0	Antimony	2.2	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-38-2	Arsenic	2.2	5.2	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-39-3	Barium	11	17	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-41-7	Beryllium	0.65	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-43-9	Cadmium	0.65	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-70-2	Calcium	1100	ND	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7440-47-3	Chromium	5.4	12	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-48-4	Cobalt	2.7	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-50-8	Copper	5.4	44	100	07/20/09	10390	T10358B2	31	P	PEICP2
7439-89-6	Iron	220	13000	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7439-92-1	Lead	7.5	29	100	07/20/09	10390	T10358B2	31	P	PEICP2
7439-95-4	Magnesium	540	ND	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7439-96-5	Manganese	11	180	100	07/20/09	10390	T10358B2	31	P	PEICP2
7439-97-6	Mercury	0.090	ND	167	07/21/09	10390	H10390S	23	CV	HGCV1
7440-02-0	Nickel	5.4	9.2	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-09-7	Potassium	540	ND	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-22-4	Silver	1.6	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-23-5	Sodium	540	ND	100	07/19/09	10390	S10390A2	22	P	PEICPRAD2
7440-28-0	Thallium	1.3	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-62-2	Vanadium	11	ND	100	07/20/09	10390	T10358B2	31	P	PEICP2
7440-66-6	Zinc	11	100	100	07/20/09	10390	T10358B2	31	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-003	% Solid:	97	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB03 (5-10)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1100	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-38-2	Arsenic	2.1	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-39-3	Barium	10	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-41-7	Beryllium	0.62	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-43-9	Cadmium	0.62	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-70-2	Calcium	1000	ND	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7440-47-3	Chromium	5.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-48-4	Cobalt	2.6	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-50-8	Copper	5.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7439-89-6	Iron	210	4000	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7439-92-1	Lead	7.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7439-95-4	Magnesium	520	ND	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7439-96-5	Manganese	10	110	100	07/20/09	10390	T10358B2	32	P	PEICP2
7439-97-6	Mercury	0.086	ND	167	07/21/09	10390	H10390S	24	CV	HGCV1
7440-02-0	Nickel	5.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-09-7	Potassium	520	ND	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-22-4	Silver	1.5	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-23-5	Sodium	520	ND	100	07/19/09	10390	S10390A2	23	P	PEICPRAD2
7440-28-0	Thallium	1.2	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-62-2	Vanadium	10	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2
7440-66-6	Zinc	10	ND	100	07/20/09	10390	T10358B2	32	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-004	% Solid:	97	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB04 (10-15)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1800	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-38-2	Arsenic	2.1	2.2	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-39-3	Barium	10	19	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-41-7	Beryllium	0.62	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-43-9	Cadmium	0.62	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-70-2	Calcium	1000	ND	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7440-47-3	Chromium	5.2	8.0	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-48-4	Cobalt	2.6	3.9	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-50-8	Copper	5.2	9.8	100	07/20/09	10390	T10358B2	33	P	PEICP2
7439-89-6	Iron	210	6300	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7439-92-1	Lead	7.2	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7439-95-4	Magnesium	520	600	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7439-96-5	Manganese	10	200	100	07/20/09	10390	T10358B2	33	P	PEICP2
7439-97-6	Mercury	0.086	ND	167	07/21/09	10390	H10390S	25	CV	HGCV1
7440-02-0	Nickel	5.2	6.4	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-09-7	Potassium	520	ND	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-22-4	Silver	1.5	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-23-5	Sodium	520	ND	100	07/19/09	10390	S10390A2	24	P	PEICPRAD2
7440-28-0	Thallium	1.2	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-62-2	Vanadium	10	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2
7440-66-6	Zinc	10	ND	100	07/20/09	10390	T10358B2	33	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-005	% Solid:	97	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB05 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1400	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-38-2	Arsenic	2.1	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-39-3	Barium	10	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-41-7	Beryllium	0.62	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-43-9	Cadmium	0.62	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-70-2	Calcium	1000	ND	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7440-47-3	Chromium	5.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-48-4	Cobalt	2.6	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-50-8	Copper	5.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7439-89-6	Iron	210	4100	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7439-92-1	Lead	7.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7439-95-4	Magnesium	520	ND	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7439-96-5	Manganese	10	27	100	07/20/09	10390	T10358B2	22	P	PEICP2
7439-97-6	Mercury	0.086	ND	167	07/21/09	10390	H10390S	16	CV	HGCV1
7440-02-0	Nickel	5.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-09-7	Potassium	520	ND	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-22-4	Silver	1.5	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-23-5	Sodium	520	ND	100	07/19/09	10390	S10390A2	13	P	PEICPRAD2
7440-28-0	Thallium	1.2	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-62-2	Vanadium	10	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2
7440-66-6	Zinc	10	ND	100	07/20/09	10390	T10358B2	22	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-006	% Solid:	97	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB05 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	2600	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7440-36-0	Antimony	2.1	47	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-38-2	Arsenic	2.1	54	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-39-3	Barium	10	63	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-41-7	Beryllium	0.62	50	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-43-9	Cadmium	0.62	49	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-70-2	Calcium	1000	4900	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7440-47-3	Chromium	5.2	56	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-48-4	Cobalt	2.6	54	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-50-8	Copper	5.2	54	100	07/20/09	10390	T10358B2	24	P	PEICP2
7439-89-6	Iron	210	7600	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7439-92-1	Lead	7.2	51	100	07/20/09	10390	T10358B2	24	P	PEICP2
7439-95-4	Magnesium	520	5200	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7439-96-5	Manganese	10	130	100	07/20/09	10390	T10358B2	24	P	PEICP2
7439-97-6	Mercury	0.086	1.7	167	07/21/09	10390	H10390S	18	CV	HGCV1
7440-02-0	Nickel	5.2	57	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-09-7	Potassium	520	4800	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7782-49-2	Selenium	1.9	48	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-22-4	Silver	1.5	9.1	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-23-5	Sodium	520	4800	100	07/19/09	10390	S10390A2	15	P	PEICPRAD2
7440-28-0	Thallium	1.2	51	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-62-2	Vanadium	10	55	100	07/20/09	10390	T10358B2	24	P	PEICP2
7440-66-6	Zinc	10	60	100	07/20/09	10390	T10358B2	24	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-007	% Solid:	94	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB05 (15-20)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	2300	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7440-36-0	Antimony	2.1	49	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-38-2	Arsenic	2.1	51	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-39-3	Barium	11	61	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-41-7	Beryllium	0.64	51	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-43-9	Cadmium	0.64	51	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-70-2	Calcium	1100	5000	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7440-47-3	Chromium	5.3	55	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-48-4	Cobalt	2.7	54	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-50-8	Copper	5.3	55	100	07/20/09	10390	T10358B2	25	P	PEICP2
7439-89-6	Iron	210	4200	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7439-92-1	Lead	7.4	53	100	07/20/09	10390	T10358B2	25	P	PEICP2
7439-95-4	Magnesium	530	5400	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7439-96-5	Manganese	11	97	100	07/20/09	10390	T10358B2	25	P	PEICP2
7439-97-6	Mercury	0.089	1.8	167	07/21/09	10390	H10390S	19	CV	HGCV1
7440-02-0	Nickel	5.3	58	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-09-7	Potassium	530	4900	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7782-49-2	Selenium	1.9	50	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-22-4	Silver	1.6	9.3	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-23-5	Sodium	530	5000	100	07/19/09	10390	S10390A2	16	P	PEICPRAD2
7440-28-0	Thallium	1.3	53	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-62-2	Vanadium	11	56	100	07/20/09	10390	T10358B2	25	P	PEICP2
7440-66-6	Zinc	11	60	100	07/20/09	10390	T10358B2	25	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-008	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP01 (30)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	450	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-39-3	Barium	50	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-70-2	Calcium	2000	7700	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7439-89-6	Iron	280	1100	1	07/22/09	10378	SW10378A	214	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7439-95-4	Magnesium	2000	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7439-96-5	Manganese	40	110	1	07/22/09	10378	SW10378A	214	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	14	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	213	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-23-5	Sodium	5000	64000	1	07/22/09	10378	SW10378B	213	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	214	P	PEICP2
7440-66-6	Zinc	50	110	1	07/22/09	10378	SW10378A	214	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-009	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP01(30) M	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	27000	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-36-0	Antimony	12	460	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-38-2	Arsenic	7.5	460	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-39-3	Barium	50	560	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-41-7	Beryllium	4.0	460	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-43-9	Cadmium	3.5	460	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-70-2	Calcium	2000	55000	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-47-3	Chromium	50	590	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-48-4	Cobalt	20	470	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-50-8	Copper	50	530	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-89-6	Iron	280	38000	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-92-1	Lead	4.0	470	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-95-4	Magnesium	2000	49000	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-96-5	Manganese	40	1300	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7439-97-6	Mercury	0.70	9.8	1	07/21/09	10378	H10378SW	16	CV	HGCV2
7440-02-0	Nickel	50	530	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-09-7	Potassium	5000	48000	1	07/22/09	10378	SW10378B2	15	P	PEICPRAD2
7782-49-2	Selenium	40	450	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-22-4	Silver	20	83	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-23-5	Sodium	5000	110000	1	07/22/09	10378	SW10378B2	15	P	PEICPRAD2
7440-28-0	Thallium	10	480	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-62-2	Vanadium	50	480	1	07/22/09	10378	SW10378A2	16	P	PEICP2
7440-66-6	Zinc	50	1300	1	07/22/09	10378	SW10378A2	16	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-010	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP01 (30) M	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	5200	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-36-0	Antimony	12	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-38-2	Arsenic	7.5	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-39-3	Barium	50	520	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-41-7	Beryllium	4.0	460	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-43-9	Cadmium	3.5	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-70-2	Calcium	2000	54000	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-47-3	Chromium	50	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-48-4	Cobalt	20	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-50-8	Copper	50	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7439-89-6	Iron	280	5700	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7439-92-1	Lead	4.0	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7439-95-4	Magnesium	2000	48000	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7439-96-5	Manganese	40	570	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7439-97-6	Mercury	0.70	9.9	1	07/21/09	10378	H10378SW	17	CV	HGCV2
7440-02-0	Nickel	50	480	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-09-7	Potassium	5000	48000	1	07/22/09	10378	SW10378B2	16	P	PEICPRAD2
7782-49-2	Selenium	40	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-22-4	Silver	20	85	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-23-5	Sodium	5000	110000	1	07/22/09	10378	SW10378B2	16	P	PEICPRAD2
7440-28-0	Thallium	10	490	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-62-2	Vanadium	50	470	1	07/22/09	10378	SW10378A2	17	P	PEICP2
7440-66-6	Zinc	50	600	1	07/22/09	10378	SW10378A2	17	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-011	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP02 (30)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	510	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-39-3	Barium	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-70-2	Calcium	2000	4600	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-89-6	Iron	280	1600	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-95-4	Magnesium	2000	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-96-5	Manganese	40	66	1	07/22/09	10378	SW10378A	238	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	18	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	223	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-23-5	Sodium	5000	ND	1	07/22/09	10378	SW10378B	223	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	238	P	PEICP2
7440-66-6	Zinc	50	170	1	07/22/09	10378	SW10378A	238	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-012	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP03 (25)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	6100	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-39-3	Barium	50	280	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-70-2	Calcium	2000	53000	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-89-6	Iron	280	14000	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-95-4	Magnesium	2000	5900	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-96-5	Manganese	40	1400	1	07/22/09	10378	SW10378A	239	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	19	CV	HGCV2
7440-02-0	Nickel	50	54	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-09-7	Potassium	5000	7700	1	07/22/09	10378	SW10378B	224	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-23-5	Sodium	5000	130000	1	07/22/09	10378	SW10378B	224	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	239	P	PEICP2
7440-66-6	Zinc	50	600	1	07/22/09	10378	SW10378A	239	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-013	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP04 (25)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	260	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-39-3	Barium	50	210	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-70-2	Calcium	2000	55000	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-48-4	Cobalt	20	21	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-89-6	Iron	280	2200	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-95-4	Magnesium	2000	11000	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-96-5	Manganese	40	510	1	07/22/09	10378	SW10378A	240	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	20	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-09-7	Potassium	5000	6800	1	07/22/09	10378	SW10378B	225	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-23-5	Sodium	5000	180000	1	07/22/09	10378	SW10378B	225	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2
7440-66-6	Zinc	50	ND	1	07/22/09	10378	SW10378A	240	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-014	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP05 (25)	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	430	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-39-3	Barium	50	110	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-70-2	Calcium	2000	20000	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-89-6	Iron	280	3900	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-92-1	Lead	4.0	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-95-4	Magnesium	2000	4700	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-96-5	Manganese	40	270	1	07/22/09	10378	SW10378A	241	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	23	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	226	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-23-5	Sodium	5000	200000	1	07/22/09	10378	SW10378B	226	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2
7440-66-6	Zinc	50	ND	1	07/22/09	10378	SW10378A	241	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-015	% Solid:	95	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-SB-DUP01	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	1600	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7440-36-0	Antimony	2.1	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-38-2	Arsenic	2.1	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-39-3	Barium	11	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-41-7	Beryllium	0.63	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-43-9	Cadmium	0.63	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-70-2	Calcium	1100	ND	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7440-47-3	Chromium	5.3	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-48-4	Cobalt	2.6	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-50-8	Copper	5.3	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7439-89-6	Iron	210	3400	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7439-92-1	Lead	7.4	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7439-95-4	Magnesium	530	ND	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7439-96-5	Manganese	11	36	100	07/20/09	10390	T10358B2	34	P	PEICP2
7439-97-6	Mercury	0.088	ND	167	07/21/09	10390	H10390S	26	CV	HGCV1
7440-02-0	Nickel	5.3	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-09-7	Potassium	530	ND	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7782-49-2	Selenium	1.9	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-22-4	Silver	1.6	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-23-5	Sodium	530	ND	100	07/19/09	10390	S10390A2	25	P	PEICPRAD2
7440-28-0	Thallium	1.3	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-62-2	Vanadium	11	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2
7440-66-6	Zinc	11	ND	100	07/20/09	10390	T10358B2	34	P	PEICP2

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-016	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-GP-DUP01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	20000	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-38-2	Arsenic	7.5	11	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-39-3	Barium	50	64	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-70-2	Calcium	2000	5000	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-89-6	Iron	280	40000	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-92-1	Lead	4.0	13	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-95-4	Magnesium	2000	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-96-5	Manganese	40	230	1	07/22/09	10378	SW10378A	242	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	24	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	227	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-23-5	Sodium	5000	ND	1	07/22/09	10378	SW10378B	227	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	242	P	PEICP2
7440-66-6	Zinc	50	250	1	07/22/09	10378	SW10378A	242	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC45774-017	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	1-30-185-Rinsate 01	Units:	UG/L	Lab Code:		Sdg No:	
Matrix:	AQUEOUS	Date Rec:	7/15/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	180	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-36-0	Antimony	12	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-38-2	Arsenic	7.5	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-39-3	Barium	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-41-7	Beryllium	4.0	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-43-9	Cadmium	3.5	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-70-2	Calcium	2000	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-47-3	Chromium	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-48-4	Cobalt	20	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-50-8	Copper	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-89-6	Iron	280	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-92-1	Lead	4.0	7.5	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-95-4	Magnesium	2000	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-96-5	Manganese	40	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7439-97-6	Mercury	0.70	ND	1	07/21/09	10378	H10378SW	25	CV	HGCV2
7440-02-0	Nickel	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-09-7	Potassium	5000	ND	1	07/22/09	10378	SW10378B	228	P	PEICPRAD2
7782-49-2	Selenium	40	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-22-4	Silver	20	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-23-5	Sodium	5000	ND	1	07/22/09	10378	SW10378B	228	P	PEICPRAD2
7440-28-0	Thallium	10	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-62-2	Vanadium	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2
7440-66-6	Zinc	50	ND	1	07/22/09	10378	SW10378A	243	P	PEICP2

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Metal Data
QC Data

FORM 2
(ICV/CCV Summary)

Date Analyzed: 07/19/09
Data File: S10390A2
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-68813 (2)-6	Rec	CCV V-68336-18	Rec	CCV V-68336-28	Rec		Rec		Rec		Rec		Rec		Rec	
Aluminum	10/5	9.99503	100	5.10493	102	5.09592	102											
Calcium	100/50	99.8904	100	50.4282	101	50.0925	100											
Iron	10/5	10.0252	100	5.07415	101	5.04567	101											
Magnesium	100/50	99.9080	100	50.4966	101	50.1063	100											
Potassium	100/50	100.807	101	48.9961	98	49.0166	98											
Sodium	100/50	100.332	100	49.8705	100	49.7158	99											

Notes: a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits: ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 07/20/09
Data File: T10358B2
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-68813 (2)-7	Rec	CCV V-68336-17	Rec	CCV V-68336-27	Rec	CCV V-68336-38	Rec	CCV V-68336-48	Rec	CCV V-68336-55	Rec		Rec		Rec
Antimony	1/.5	1.01944	102	0.507996	102	0.502255	100	0.506181	101	0.492806	99	0.502447	100				
Arsenic	1/.5	1.01254	101	0.507403	101	0.494566	99	0.497564	100	0.481081	96	0.492302	98				
Barium	1/.5	1.01372	101	0.516324	103	0.510953	102	0.510047	102	0.498442	100	0.511921	102				
Beryllium	1/.5	1.01693	102	0.502204	100	0.499527	100	0.501131	100	0.494348	99	0.496910	99				
Cadmium	1/.5	1.01362	101	0.507678	102	0.501267	100	0.502737	101	0.492790	99	0.503184	101				
Chromium	1/.5	1.02129	102	0.512322	102	0.508169	102	0.505618	101	0.493743	99	0.508385	102				
Cobalt	1/.5	1.01593	102	0.517368	103	0.510243	102	0.511905	102	0.501315	100	0.512516	103				
Copper	1/.5	1.01255	101	0.504288	101	0.500202	100	0.497389	99	0.486806	97	0.499485	100				
Lead	1/.5	1.01297	101	0.514404	103	0.506582	101	0.507750	102	0.497646	100	0.507049	101				
Manganese	1/.5	1.01298	101	0.511772	102	0.507448	101	0.509124	102	0.497619	100	0.512767	103				
Nickel	1/.5	1.01234	101	0.517726	104	0.509903	102	0.509967	102	0.498853	100	0.510295	102				
Selenium	1/.5	1.03157	103	0.513608	103	0.506111	101	0.503185	101	0.488708	98	0.497836	100				
Silver	0.2/0.1	0.203850	102	0.099217	99	0.098520	99	0.098295	98	0.095768	96	0.098987	99				
Thallium	1/.5	1.02258	102	0.519395	104	0.516903	103	0.511616	102	0.501464	100	0.511813	102				
Vanadium	1/.5	1.01167	101	0.511508	102	0.506475	101	0.506352	101	0.494884	99	0.508893	102				
Zinc	1/.5	1.01423	101	0.512478	102	0.505500	101	0.505117	101	0.497088	99	0.506743	101				

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 07/22/09
Data File: SW10378B2
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-68813 (2)-6	Rec	CCV V-68336-18	Rec	CCV V-68336-21	Rec	CCV V-68336-31	Rec		Rec		Rec		Rec		Rec
Potassium	100/50	100.440	100	48.8717	98	49.2161	98	48.1061	96								
Sodium	100/50	98.3942	98	49.6433	99	49.9126	100	48.7211	97								

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 07/22/09
Data File: SW10378A2
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-68813 (2)-7	Rec	CCV V-68336-19	Rec	CCV V-68336-29	Rec	CCV V-68336-36	Rec	CCV V-68336-46	Rec	Rec	Rec	Rec	Rec	Rec
Aluminum	10/5	9.92228	99	4.94123	99	5.00769	100	4.99692	100	5.01536	100					
Antimony	1/.5	1.00009	100	0.506371	101	0.506489	101	0.506478	101	0.505389	101					
Arsenic	1/.5	0.997922	100	0.501399	100	0.507210	101	0.504322	101	0.501528	100					
Barium	1/.5	0.987556	99	0.499218	100	0.505152	101	0.504418	101	0.504117	101					
Beryllium	1/.5	0.994639	99	0.503368	101	0.502566	101	0.505258	101	0.504760	101					
Cadmium	1/.5	0.989945	99	0.502458	100	0.501813	100	0.503982	101	0.501235	100					
Calcium	100/50	99.5021	100	50.6839	101	50.7052	101	50.8897	102	50.7593	102					
Chromium	1/.5	1.00024	100	0.497027	99	0.507968	102	0.504732	101	0.506173	101					
Cobalt	1/.5	0.989431	99	0.505834	101	0.504188	101	0.507823	102	0.505126	101					
Copper	1/.5	0.995111	100	0.490717	98	0.500285	100	0.497068	99	0.497358	99					
Iron	10/5	9.90774	99	4.98522	100	5.07604	102	5.07980	102	5.09425	102					
Lead	1/.5	0.994456	99	0.509128	102	0.507272	101	0.511383	102	0.507150	101					
Magnesium	100/50	98.8014	99	50.5416	101	50.6326	101	50.8637	102	50.7907	102					
Manganese	1/.5	0.991386	99	0.497636	100	0.504700	101	0.503933	101	0.505768	101					
Nickel	1/.5	0.991172	99	0.499330	100	0.506429	101	0.512758	103	0.510597	102					
Selenium	1/.5	0.994527	99	0.501232	100	0.507855	102	0.501328	100	0.498994	100					
Silver	0.2/0.1	0.201544	101	0.097304	97	0.099236	99	0.098772	99	0.099123	99					
Thallium	1/.5	1.00370	100	0.517990	104	0.513622	103	0.514966	103	0.513143	103					
Vanadium	1/.5	0.991323	99	0.497219	99	0.503046	101	0.501760	100	0.502117	100					
Zinc	1/.5	0.984920	98	0.511115	102	0.508462	102	0.511821	102	0.509777	102					

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 07/21/09
Data File: H10390S
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

		ICV (2)-9		CCV-21		CCV-33		CCV-36									
Analyte	ICV/CCV Amt		Rec		Rec		Rec		Rec		Rec		Rec		Rec		Rec
Mercury	20/10	19.72761	99	10.14807	101	10.12662	101	9.990695	100								

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 2
(ICV/CCV Summary)

Date Analyzed: 07/21/09
Data File: H10378SW
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

		ICV (2)-9		CCV-21		CCV-26										
Analyte	ICV/CCV Amt		Rec		Rec		Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Mercury	20/10	19.65	98	9.851	99	9.692	97									

Notes:
a-indicates analyte failed the ICV limits for 6010B
b-indicates analyte failed the ICV limits for 200.7 or 200.8
c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)
d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:
ICV - 200.7 : 95-105
CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)
ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
CLP Hg ICV/CCV: 80-120

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/19/09
Data File: S10390A2
Prep Batch: 10390
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-68816-7	CCB-19	CCB-29	MB 10390 (100)-10				
Aluminum	2 U	2 U	2 U	200 U				
Calcium	10 U	10 U	10 U	1000 U				
Iron	2 U	2 U	2 U	200 U				
Magnesium	5 U	5 U	5 U	500 U				
Potassium	5 U	5 U	5 U	500 U				
Sodium	5 U	5 U	5 U	500 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
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/20/09
Data File: T10358B2
Prep Batch: 10390
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-68816-8	CCB-18	CCB-28	CCB-39	CCB-49	CCB-56	MB 10390 (100)-19	MB FB (1)-51
Antimony	.02 U	.02 U	.02 U	.02 U	.02 U	.02U	2U	.02 U
Arsenic	.02 U	.02 U	.02 U	.02 U	.02 U	.02U	2U	.02 U
Barium	.1 U	.1 U	.1 U	.1 U	.1 U	.1U	10U	.1 U
Beryllium	.006 U	.006 U	.006 U	.006 U	.006 U	.006U	.6U	.006 U
Cadmium	.006 U	.006 U	.006 U	.006 U	.006 U	.006U	.6U	.006 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.05U	5U	.05 U
Cobalt	.025 U	.025 U	.025 U	.025 U	.025 U	.025U	2.5U	.025 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.05U	5U	.05 U
Lead	.07 U	.07 U	.07 U	.07 U	.07 U	.07U	7U	.07 U
Manganese	.1 U	.1 U	.1 U	.1 U	.1 U	.1U	10U	.1 U
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	.05U	5U	.05 U
Selenium	.018 U	.018 U	.018 U	.018 U	.018 U	.018U	1.8U	.018 U
Silver	.015 U	.015 U	.015 U	.015 U	.015 U	.015U	1.5U	.015 U
Thallium	.012 U	.012 U	.012 U	.012 U	.012 U	.012U	1.2U	.012 U
Vanadium	.1 U	.1 U	.1 U	.1 U	.1 U	.1U	10U	.1 U
Zinc	.1 U	.1 U	.1 U	.1 U	.1 U	.1U	10U	.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
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/22/09
Data File: SW10378B2
Prep Batch: 10378
Reporting Limits Used: AQUEOUS,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-68816-7	CCB-19	CCB-22	CCB-32	MB 10378 (1)-10			
Potassium	5 U	5 U	5 U	5 U	5 U			
Sodium	5 U	5 U	5 U	5 U	5 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
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/22/09
Data File: SW10378A2
Prep Batch: 10378
Reporting Limits Used: AQUEOUS,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB V-68816-8	CCB-20	CCB-30	CCB-37	CCB-47	MB 10378 (1)-11		
Aluminum	.18 U	.18 U	.18 U	.18 U	.18 U	.18 U		
Antimony	.012 U	.012 U	.012 U	.012 U	.012 U	.012 U		
Arsenic	.0075 U	.0075 U	.0075 U	.0075 U	.0075 U	.0075 U		
Barium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U		
Beryllium	.004 U	.004 U	.004 U	.004 U	.004 U	.004 U		
Cadmium	.0035 U	.0035 U	.0035 U	.0035 U	.0035 U	.0035 U		
Calcium	2 U	2 U	2 U	2 U	2 U	2 U		
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U		
Cobalt	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U		
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U		
Iron	.275 U	.275 U	.275 U	.275 U	.275 U	.28 U		
Lead	.004 U	.004 U	.004 U	.004 U	.004 U	.004 U		
Magnesium	2 U	2 U	2 U	2 U	2 U	2 U		
Manganese	.04 U	.04 U	.04 U	.04 U	.04 U	.04 U		
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U		
Selenium	.04 U	.04 U	.04 U	.04 U	.04 U	.04 U		
Silver	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U		
Thallium	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U		
Vanadium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U		
Zinc	.05 U	.05 U	.05 U	.05 U	.05 U	.05 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
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/21/09
Data File: H10390S
Prep Batch: 10390
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-22	CCB-34	CCB-37	MB 10390 (167)-11	MB FB-32		
Mercury	.5 U	.5 U	.5 U	.5 U	84 U	.5 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
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 07/21/09
Data File: H10378SW
Prep Batch: 10378
Reporting Limits Used: AQUEOUS,6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-22	CCB-27	MB 10378 (1)-11				
Mercury	.7 U	.7 U	.7 U	.7 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
u-indicates result below reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 07/19/09
Data File: S10390A2
Prep Batch: 10390
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: ppm
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-68333-8	Rec	ICSAB V-68334-9	Rec	ICSA V-68333-26	Rec	ICSAB V-68334-27	Rec	Rec	Rec	Rec	Rec
Aluminum	500	483.188	97	494.72800	99	481.415	96	487.03300	97				
Calcium	500	475.121	95	485.84500	97	472.231	94	476.58300	95				
Iron	200	196.344	98	200.14700	100	195.28	98	199.27200	100				
Magnesium	500	498.298	100	507.98100	102	493.308	99	495.98200	99				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 07/20/09
Data File: T10358B2
Prep Batch: 10390
Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: ppm
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-68333-9	Rec	ICSAB V-68334-10	Rec	ICSA V-68333-36	Rec	ICSAB V-68334-37	Rec	ICSA V-68333-53	Rec	ICSAB V-68334-54	Rec	Rec	Rec
Aluminum	500	509.57	102	518.25600	104	509.336	102	519.36600	104	507.792	102	520.57100	104		
Antimony	1	U		1.04627	105	U		1.06766	107	U		1.06810	107		
Arsenic	1	U		1.07394	107	U		1.07339	107	U		1.07801	108		
Barium	.5	U		0.54305	109	U		0.54424	109	U		0.54427	109		
Beryllium	.5	U		0.52954	106	U		0.53029	106	U		0.52962	106		
Cadmium	1	U		1.07358	107	U		1.08592	109	U		1.08948	109		
Calcium	500	495.359	99	504.19700	101	496.515	99	505.69400	101	492.563	99	505.08100	101		
Chromium	.5	U		0.51729	103	U		0.52077	104	U		0.52178	104		
Cobalt	.5	U		0.50006	100	U		0.50488	101	U		0.50572	101		
Copper	.5	U		0.55970	112	U		0.55982	112	U		0.55977	112		
Iron	200	197.587	99	202.96300	101	200.255	100	205.35900	103	200.413	100	205.54100	103		
Lead	1	U		1.02726	103	U		1.03805	104	U		1.03656	104		
Magnesium	500	524.393	105	534.97200	107	529.962	106	538.59700	108	524.483	105	537.71100	108		
Manganese	.5	U		0.51657	103	U		0.52289	105	U		0.52354	105		
Nickel	1	U		0.98268	98	U		0.98930	99	U		0.98855	99		
Selenium	1	U		1.06716	107	U		1.07448	107	U		1.06675	107		
Silver	1	U		1.12131	112	U		1.12148	112	U		1.12104	112		
Thallium	1	U		1.00830	101	U		1.00235	100	-.0165479b		1.00270	100		
Vanadium	.5	U		0.52013	104	U		0.52153	104	U		0.52124	104		
Zinc	1	U		1.00558	101	U		1.01214	101	U		1.01364	101		

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 07/22/09
Data File: SW10378A2
Prep Batch: 10378
Reporting Limits Used: AQUEOUS,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: ppm
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-68333-9	Rec	ICSAB V-68334-10	Rec	ICSA V-68333-27	Rec	ICSAB V-68334-28	Rec	ICSA V-68333-44	Rec	ICSAB V-68334-45	Rec	Rec	Rec
Aluminum	500	497.627	100	503.81100	101	496.291	99	494.37500	99	498.355	100	505.14500	101		
Antimony	1	U		1.02123	102	U		1.01145	101	U		1.04058	104		
Arsenic	1	U		1.02220	102	U		1.00709	101	U		1.03789	104		
Barium	.5	U		0.51657	103	U		0.50591	101	U		0.51838	104		
Beryllium	.5	U		0.51355	103	U		0.50217	100	U		0.51475	103		
Cadmium	1	U		1.04274	104	U		1.02666	103	U		1.05222	105		
Calcium	500	481.974	96	487.32900	97	481.5	96	478.90200	96	483.673	97	490.47000	98		
Chromium	.5	U		0.50810	102	U		0.50072	100	U		0.51036	102		
Cobalt	.5	U		0.49873	100	U		0.49167	98	U		0.50546	101		
Copper	.5	U		0.54281	109	U		0.52838	106	U		0.54050	108		
Iron	200	198.557	99	201.97800	101	198.861	99	198.52100	99	199.502	100	203.77900	102		
Lead	1	U		0.99852	100	U		0.98698	99	U		1.02055	102		
Magnesium	500	515.322	103	521.54800	104	517.647	104	514.29900	103	520.546	104	529.27200	106		
Manganese	.5	U		0.50721	101	U		0.49825	100	U		0.51083	102		
Nickel	1	U		0.98468	98	U		0.97151	97	U		0.99340	99		
Selenium	1	U		1.03269	103	U		1.00350	100	U		1.03821	104		
Silver	1	U		1.08183	108	U		1.05677	106	U		1.08002	108		
Thallium	1	U		0.99091	99	U		0.98030	98	U		0.99511	100		
Vanadium	.5	U		0.51110	102	U		0.49890	100	U		0.51132	102		
Zinc	1	U		0.98744	99	U		0.97986	98	U		1.01184	101		

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 4
(ICSA/ICSAB Summary)

Date Analyzed: 07/22/09
Data File: SW10378B2
Prep Batch: 10378
Reporting Limits Used: AQUEOUS,6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: ppm
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-68333-8	Rec	ICSAB V-68334-9	Rec	ICSA V-68333-29	Rec	ICSAB V-68334-30	Rec	Rec	Rec	Rec	Rec
Aluminum	500	495.831	99	493.37000	99	488.554	98	509.83700	102				
Calcium	500	476.816	95	473.81700	95	483.085	97	500.08300	100				
Iron	200	196.302	98	198.92900	99	203.793	102	204.66400	102				
Magnesium	500	499.585	100	495.04900	99	521.465	104	535.71300	107				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
c-indicates the recovery failed the Qc Criteria in the ICSAB
u-indicates the absolute value of the concentration was below the reporting limit

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 07/19/09
Data File: S10390A2
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: SOIL
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC45774-005-13		AC45774-006-15-1X	%REC OR Conc	AC45774-007-16-1X	%REC OR Conc	LCS 100-11-1X	%REC OR Conc	LCS 100 MR-12-1X	%REC OR Conc	%REC OR Conc
Aluminum	5.000	110.00		1.30 - 158.0	13.5645		25.6929	243 a	21.8795	166 a	80.2023	80.2	82.1421	82.1	
Calcium	50.000	96.50		8.00 - 115.0	10	U	47.5128	95	46.8405	94	82.381	82.4	86.2585	86.3	
Iron	5.000	186.00		3.80 - 277.0	39.5857		74.0082	688 b	39.3532	-4.7 b	164.079	164	169.994	170	
Magnesium	50.000	50.30		39.60 - 61.0	5	U	50.3234	101	50.9439	102	43.7678	43.8	44.6532	44.7	
Potassium	50	40.10		29.50 - 50.7	5	U	46.6387	93	46.3681	93	33.4928	33.5	33.8369	33.8	
Sodium	50.00	8.83		6.51 - 11.10	5	U	46.5493	93	46.5648	93	7.8535	7.85	7.9974	8	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 07/20/09
Data File: T10358B2
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: SOIL
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC45774-005-22		AC45774-006-24-1X	%REC OR Conc	AC45774-007-25-1X	%REC OR Conc	LCS 100-20-1X	%REC OR Conc	LCS 100 MR-21-1X	%REC OR Conc	LCSW-52-1X	%REC OR Conc
Antimony	0.5	0.815	0.500	75 - 125	0.02	U	0.451841	90	0.457955	92	0.941149	.941	0.952749	.953	0.473763	95
Arsenic	0.5	1.58	0.500	75 - 125	0.02	U	0.521471	104	0.480594	96	1.4522	1.45	1.45459	1.45	0.461038	92
Barium	0.5	3.48	0.500	75 - 125	0.1	U	0.607056	121	0.569891	114	3.29611	3.3	3.27123	3.27	0.492825	99
Beryllium	0.5	1.06	0.500	75 - 125	0.006	U	0.481084	96	0.475307	95	0.959496	.959	0.950969	.951	0.474714	95
Cadmium	0.5	1.87	0.500	75 - 125	0.006	U	0.47692	95	0.477709	96	1.69094	1.69	1.69677	1.7	0.471285	94
Chromium	0.5	0.895	0.500	75 - 125	0.05	U	0.539957	108	0.518927	104	0.828449	.828	0.806655	.807	0.479023	96
Cobalt	0.5	2.77	0.500	75 - 125	0.025	U	0.52356	105	0.511699	102	2.67376	2.67	2.64035	2.64	0.488189	98
Copper	0.5	1.29	0.500	75 - 125	0.05	U	0.522041	104	0.512662	103	1.20657	1.21	1.20853	1.21	0.481415	96
Lead	0.5	1.72	0.500	75 - 125	0.07	U	0.496239	99	0.498548	100	1.63777	1.64	1.59536	1.6	0.477175	95
Manganese	0.5	6.33	0.500	75 - 125	0.263808		1.24804	197 a	0.915871	130 a	5.72327	5.72	5.81365	5.81	0.485212	97
Nickel	0.5	0.990	0.500	75 - 125	0.05	U	0.555874	111	0.545464	109	0.939854	.94	0.931008	.931	0.484004	97
Selenium	0.5	1.48	0.500	75 - 125	0.018	U	0.4685	94	0.468551	94	1.38028	1.38	1.38594	1.39	0.469414	94
Silver	0.1	0.660	0.100	75 - 125	0.015	U	0.0879516	88	0.0877815	88	0.601605	.602	0.610775	.611	0.0863572	86
Thallium	0.5	2.68	0.500	75 - 125	0.012	U	0.499105	100	0.50082	100	2.62935	2.63	2.61078	2.61	0.49508	99
Vanadium	0.5	1.94	0.500	75 - 125	0.1	U	0.533814	107	0.523042	105	1.75338	1.75	1.76168	1.76	0.479894	96
Zinc	0.5	3.94	0.500	75 - 125	0.1	U	0.584664	117	0.562035	112	3.63425	3.63	3.60448	3.6	0.48561	97

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 07/22/09
Data File: SW10378B2
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC45774-008-13	AC45774-009-15-1X	%REC OR Conc	AC45774-010-16-1X	%REC OR Conc	LCSW-11-1X	%REC OR Conc	LCSW MR-12-1X	%REC OR Conc	%REC OR Conc
Potassium	50.00		50.00	75 - 125	5 U	48.4893	97	48.4288	97	46.3684	93	46.131	92	
Sodium	50.00		50.00	75 - 125	64.4211	112.164	95	111.897	95	46.6037	93	47.146	94	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 07/22/09
Data File: SW10378A2
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC45774-008-14		AC45774-009-16-1X	%REC OR Conc	AC45774-010-17-1X	%REC OR Conc	LCSW-12-1X	%REC OR Conc	LCSW MR-13-1X	%REC OR Conc	%REC OR Conc
Aluminum	5.0		5.00	75 - 125	0.452648		27.1557	534 a	5.16359	94	4.75328	95	4.78984	96	
Antimony	.5		0.500	75 - 125	0.012	U	0.456144	91	0.471173	94	0.48232	96	0.48056	96	
Arsenic	.5		0.500	75 - 125	0.0075	U	0.460318	92	0.468497	94	0.475762	95	0.480435	96	
Barium	.5		0.500	75 - 125	0.05	U	0.557017	111	0.519724	104	0.491439	98	0.495297	99	
Beryllium	.5		0.500	75 - 125	0.004	U	0.458487	92	0.464861	93	0.478078	96	0.476142	95	
Cadmium	.5		0.500	75 - 125	0.0035	U	0.45675	91	0.468052	94	0.476214	95	0.477206	95	
Calcium	50.0		50.00	75 - 125	7.72383		55.02	95	54.4466	93	47.9774	96	47.7352	95	
Chromium	.5		0.500	75 - 125	0.05	U	0.594628	119	0.474699	95	0.480026	96	0.484164	97	
Cobalt	.5		0.500	75 - 125	0.02	U	0.470461	94	0.474617	95	0.484261	97	0.485497	97	
Copper	.5		0.500	75 - 125	0.05	U	0.534099	107	0.474238	95	0.477051	95	0.483059	97	
Iron	5.0		5.00	75 - 125	1.12276		38.3902	745 a	5.71609	92	4.8081	96	4.88245	98	
Lead	.5		0.500	75 - 125	0.004	U	0.469382	94	0.471166	94	0.482674	97	0.482716	97	
Magnesium	50		50.00	75 - 125	2	U	48.5514	97	48.1597	96	48.2447	96	47.974	96	
Manganese	.5		0.500	75 - 125	0.105531		1.28123	235 a	0.570629	93	0.479441	96	0.484514	97	
Nickel	.5		0.500	75 - 125	0.05	U	0.531806	106	0.482397	96	0.488121	98	0.485712	97	
Selenium	.5		0.500	75 - 125	0.04	U	0.452929	91	0.467791	94	0.48191	96	0.475832	95	
Silver	.1		0.100	75 - 125	0.02	U	0.082724	83	0.085085	85	0.0867795	87	0.0881266	88	
Thallium	.5		0.500	75 - 125	0.01	U	0.483101	97	0.494021	99	0.507198	101	0.506169	101	
Vanadium	.5		0.500	75 - 125	0.05	U	0.483868	97	0.471187	94	0.479049	96	0.483587	97	
Zinc	.5		0.500	75 - 125	0.11109		1.27856	233 a	0.598344	97	0.489158	98	0.489507	98	

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 07/21/09
Data File: H10378SW
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: AQUEOUS
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	Spike Amts LCS Soil	Spike Amts LCS Aq	LCS Rec Limits	Non Spike Conc AC45774-008-14		AC45774-009-16-1X	%REC OR Conc	AC45774-010-17-1X	%REC OR Conc	LCSW-12-1X	%REC OR Conc	LCSW MR-13-1X	%REC OR Conc		%REC OR Conc
Mercury	10		10	75 - 125	0.7	U	9.756	98	9.861	99	9.978	100	10.25	102		

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

Date Analyzed: 07/21/09
Data File: H10390S
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502
MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
Matrix: SOIL
Level: Low

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC45774-005-16	AC45774-006-18-1X	%REC OR Conc	AC45774-007-19-1X	%REC OR Conc	LCS 4D-14-4X	%REC OR Conc	LCS MR 4D-15-4X	%REC OR Conc	LCSW-35-1X	%REC OR Conc
Mercury	10	43.95	10	75 - 125	0.5 U	10.1003683	101	9.97728132	100	39.5643002	39.6	47.2432326	47.2	10.1010954	101

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/aqueous:75-125	MS:75-125

Flags:

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

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

FORM6/FORM9
RPDS

Date Analyzed: 07/19/09
Data File: S10390A2
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC45774-005-13	AC45774-005-14	RPD	LCS 100-11	LCS 100 MR-12	RPD	AC45774-005-13	AC45774-005-20	%Diff
Aluminum	<=20	<=10	13.5645	14.4762	6.5				13.5645	13.29535	2
Calcium	<=20	<=10	10 U	10 U	---				0.477978	0.57806	21 Sb
Iron	<=20	<=10	39.5857	23.8958	49 Na	164.079	169.994	3.5	39.5857	38.64585	2.4
Magnesium	<=20	<=10	5 U	5 U	---				2.23569	2.138175	4.4
Potassium	<=20	<=10	5 U	5 U	---				1.60654	1.49217	7.1
Sodium	<=20	<=10	5 U	5 U	---				0.493051	0.384515	22 Sb

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting 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
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 07/20/09
Data File: T10358B2
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC45774-005-22	AC45774-005-23	RPD	LCS 100-20	LCS 100 MR-21	RPD	AC45774-005-22	AC45774-005-29	%Diff
Antimony	<=20	<=10	0.02 U	0.02 U	---				.003252 U	0.01626 U	---
Arsenic	<=20	<=10	0.02 U	0.02 U	---				0.0077417	0.018445 U	---
Barium	<=20	<=10	0.1 U	0.145410	---				0.0607791	0.0598185	1.6
Beryllium	<=20	<=10	0.006 U	0.006 U	---				0.0005491	0.0006955	27 Sb
Cadmium	<=20	<=10	0.006 U	0.006 U	---				.0003618 U	0.001809 U	---
Chromium	<=20	<=10	0.05 U	0.05 U	---				0.0458134	0.0458185	0.011
Cobalt	<=20	<=10	0.025 U	0.025 U	---				0.0096458	0.008672	10
Copper	<=20	<=10	0.05 U	0.05 U	---				0.0173679	0.011419	34 Sb
Lead	<=20	<=10	0.07 U	0.07 U	---				0.0103601	0.008843	15 Sb
Manganese	<=20	<=10	0.263808	0.255324	3.3				0.263808	0.259688	1.6
Nickel	<=20	<=10	0.05 U	0.05 U	---				0.0481547	0.045611	5.3
Selenium	<=20	<=10	0.018 U	0.018 U	---				.009135667 U	0.045678335 U	---
Silver	<=20	<=10	0.015 U	0.015 U	---				.000457867 U	0.002289335 U	---
Thallium	<=20	<=10	0.012 U	0.012 U	---				.004118 U	0.02059 U	---
Vanadium	<=20	<=10	0.1 U	0.1 U	---				0.0235060	0.019555	17 Sb
Zinc	<=20	<=10	0.1 U	0.1 U	---				0.0677041	0.0817005	21 Sa

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting 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
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 07/22/09
Data File: SW10378A2
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICP2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC45774-008-14	AC45774-008-15	RPD	LCSW-12	LCSW MR-13	RPD	AC45774-008-14	AC45774-008-21	%Diff
Aluminum	<=20	<=10	0.452648	0.440665	2.7				0.452648	0.4780455	5.6
Antimony	<=20	<=10	0.012 U	0.012 U	---				.00206 U	0.0103 U	---
Arsenic	<=20	<=10	0.0075 U	0.0075 U	---				.003879 U	0.019395 U	---
Barium	<=20	<=10	.05 U	.05 U	---				0.0389683	0.0394305	1.2
Beryllium	<=20	<=10	0.004 U	0.004 U	---				0.0001215	0.000089 U	---
Cadmium	<=20	<=10	.0035 U	.0035 U	---				0.0009346	0.00234	150 Sb
Calcium	<=20	<=10	7.72383	7.62921	1.2				7.72383	7.8246	1.3
Chromium	<=20	<=10	0.05 U	0.05 U	---				0.0052736	0.0034485	35 Sb
Cobalt	<=20	<=10	.02 U	.02 U	---				0.0003748	0.00145 U	---
Copper	<=20	<=10	0.05 U	0.05 U	---				0.0016509	0.003145 U	---
Iron	<=20	<=10	1.12276	1.16324	3.5				1.12276	1.09516	2.5
Lead	<=20	<=10	.004 U	.004 U	---				.00145 U	0.00725 U	---
Magnesium	<=20	<=10	2 U	2 U	---				1.47297	1.444255	1.9
Manganese	<=20	<=10	0.105531	0.104880	0.62				0.105531	0.105884	0.33
Nickel	<=20	<=10	0.05 U	0.05 U	---				0.0065098	0.0045595	30 Sb
Selenium	<=20	<=10	0.04 U	0.04 U	---				.0089 U	0.0445 U	---
Silver	<=20	<=10	0.02 U	0.02 U	---				.000378 U	0.00189 U	---
Thallium	<=20	<=10	0.010 U	0.010 U	---				0.0049889	0.013295 U	---
Vanadium	<=20	<=10	.05 U	.05 U	---				0.0009529	0.00455 U	---
Zinc	<=20	<=10	0.111090	0.110222	0.78				0.111090	0.1235915	11 Sa

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting 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
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 07/22/09
Data File: SW10378B2
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: PEICPRAD2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC45774-008-13	AC45774-008-14	RPD	LCSW-11	LCSW MR-12	RPD	AC45774-008-13	AC45774-008-20	%Diff
Potassium	<=20	<=10	5 U	5 U	---				1.41965	1.32583	6.6
Sodium	<=20	<=10	64.4211	64.0875	0.52				64.4211	62.7145	2.6

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting 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
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 07/21/09
Data File: H10390S
Prep Batch: 10390
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV1
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC45774-005-16	AC45774-005-17	RPD	LCS 4D-14	LCS MR 4D-15	RPD			%Diff
Mercury	<=20	<=10	.5 U	.5 U	---						

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting 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
E: Serial Dilution outside of qc limits CLP

FORM6/FORM9
RPDS

Date Analyzed: 07/21/09
Data File: H10378SW
Prep Batch: 10378
Analytical Method: 6010B(ICP)/7470A,7471A(Hg)
Instrument: HGCV2
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 9071502

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC45774-008-14	AC45774-008-15	RPD	LCSW-12	LCSW MR-13	RPD			%Diff
Mercury	<=20	<=10	0.7 U	0.7 U	---						

Flags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5* Reporting 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
E: Serial Dilution outside of qc limits CLP

Metal Data
Verification of Instrument Parameters

INTERELEMENT CORRECTION SUMMARY
PEICP2

Interfered Elements	Interfering Elements							
	Al	Ca	Fe	Mg	Mn	Mo	Ti	Zn
Al	N/A	0	0	0	0	14.504	0	0
Sb	0.02556	0	0.0693	0	0	0	-2.20139	0
As	0.081	0.2358	0.0297	0.03978	0	0.411	1.4742	0.2053
Ba	0.01734	0	0.01789	0	0	0	0	0
Be	0	0	0	0	0	0	0.714	0
Cd	0	0	0	0	0	0	0	0
Ca	0	N/A	0	0	0	0	0	0
Cr	0	0	0	0	0	-7.274	0	0
Co	0	0	0	0	0	-4.266	2.20968	0
Cu	0	0	0	0	0	0	0	0
Fe	0	0	N/A	0	0	0	0	0
Pb	0.5421	-0.0438	0		0	-2.327	0	0
Mg	0	0	0	N/A	0	0	0	0
Mn	0	0	0	0	N/A		0	0
Mo	-0.0146678	0.0576	0	0	0	N/A	0	17.1057
Ni	0	0	0	0	0	-0.749	0	0
Se	0.164	-0.132	0	0	-0.602154	0	0	0
Ag	0	0	0	0	0	0	0	0
Tl	-0.03761	0	0	-0.0238	1.7854	-1.3003	0.7781	0
Sn	0	0.0932	0	0	0	0	0	0
Ti	0	0	0	0	0	0	N/A	0
V	0	0	0	0	0	-4.40122	0	0
Zn	0	0	0	0	0	0	0	N/A

LINEAR RANGES
PE ICP 2
Radial

ELEMENT	LINEAR RANGE (PPM)
Al	900
Ca	900
Fe	900
Mg	900
K	900
Na	900
Mn	45
Ti	45

Al,Ca,Fe run on 5/20/09
Mg,Na,K run on 5/26/09
Ti,Mn run on 6/04/09

LINEAR RANGES
PE ICP 2
Axial

ELEMENT	LINEAR RANGE (PPM)
Al	500
Sb	40
As	50
Ba	50
Be	4
Cd	50
Ca	500
Cr	50
Co	50
Cu	50
Fe	500
Pb	50
Mg	800
Mn	50
Mo	50
Ni	50
Se	50
Ag	2
Tl	50
Sn	50
Ti	40
V	50
Zn	50

All elements ran on 8/29/08 except Ag which was ran on 9/2/08 and As, Se ran on 8/28/08

MDL / RL SUMMARY
SW846 WATERS
PE ICP 2

ELEMENT	MDL	Reporting Limits (Mg/L)
AL	0.0461	0.18
SB	0.00447	0.012
AS	0.0038	0.0075
BA	0.000242	0.05
BE	0.000065	0.004
CD	0.00055	0.0035
CA	0.1059	2
CR	0.0006	0.05
CO	0.000797	0.02
CU	0.0124	0.05
FE	0.025	0.275
PB	0.00208	0.004
MG	0.0159	2
MN	0.000463	0.04
MO	0.0015	0.02
NI	0.000917	0.05
SE	0.0156	0.04
AG	0.00124	0.02
TL	0.00326	0.01
SN	0.00413	0.05
TI	0.000247	0.05
V	0.00137	0.05
ZN	0.0049	0.05

All elements analyzed between 11/03/08 and 11/08/08

MDL / RL SUMMARY
SW846 WATERS RADIAL
PE ICP 2

ELEMENT	MDL	Reporting Limits (Mg/L)
K	0.0819	5
NA	0.044	5

Analyzed on 8/1/08

MDL / RL SUMMARY
SOIL
PE ICP 2

ELEMENT	MDL	Reporting Limits (Mg/Kg)
AL	0.1197	200
SB	0.0047	2
AS	0.0083	2
BA	0.000392	10
BE	0.000067	0.6
CD	0.000361	0.6
CA	0.401	1000
CR	0.00158	5
CO	0.00083	2.5
CU	0.00277	5
FE	0.038	200
PB	0.0027	5
MG	0.0117	500
MN	0.00121	10
MO	0.00146	2.5
NI	0.00113	5
SE	0.00865	1.8
AG	0.000835	1.5
TL	0.00864	1.2
SN	0.00366	5.7
TI	0.0001	35
V	0.00148	10
ZN	0.0034	10

All elements analyzed between 10/31/08 and 11/10/08

MDL / RL SUMMARY
SW846 SOIL RADIAL
PE ICP 2

ELEMENT	MDL	Reporting Limits (Mg/Kg)
AL	0.0920	200
CA	0.0659	1000
FE	0.0584	200
MG	0.144	500
K	0.0932	500
NA	0.0490	250

Na analyzed on 8/27/08. Al analyzed on 8/11/08. All other elements analyzed on 8/6/08.

HGCV1
MDL
SUMMARY

Element: Mercury
Instrument: PE FIMS 100 **Instrument ID:** HgCV 1
Technique: CV **Analyst** John L. Soules

200 Series	(ppb)	Completed	(ppb)
H2O	0.036	10/31/2008	0.20
SW846			
H2O	0.039	10/31/2008	0.70
SOIL	0.032	10/31/2008	0.50
TCLP	0.054	10/31/2008	0.70
SPLP	0.038	11/3/2008	0.70

HGCV2 MDL / RL SUMMARY

Element: Mercury
Instrument: PE FIMS 100 **Instrument ID:** HgCV2
Technique: CV **Analyst** John L. Soules

600 Series	METHOD	MDL (ppb)	Completed	RL (ppb)
H2O	245.1	0.0394	10/15/2008	0.20
SW846				
H2O	7470A	0.0556	10/15/2008	0.70
SOIL	7471 A	0.0706	10/28/2008	0.50
TCLP	7470A	0.0504	10/16/2008	0.70
SPLP	7470A	0.0458	10/29/2008	0.70

Metal Data
Raw Data

Run Log

Data File: W:\METALS.FRM\ICPDATA\Pelcp2\T10358B2.txt **Instrument:** PEICP2

Analysis Date: 07/20/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-68816	1	CAL	10:35	1						
Calib 1 V-69631	1	CAL	10:40	2						
Calib 2 V-68472	1	CAL	10:43	3						
Calib 3 V-68473	1	CAL	10:47	4						
Calib 4 V-69300	1	CAL	10:50	5						
ICS3 V-68473	1	ICS	10:55	6						
ICV V-68813 (2)	1	ICV	11:00	7						
ICB V-68816	1	ICB	11:05	8						
ICSA V-68333	1	ICSA	11:08	9						
ICSAB V-68334	1	ICSAB	11:13	10						
AC45760-001	2	SMP	11:18	11	METALS-TCLP	TCLP	TCLP	SW846	10358	
AC45760-001	2	MS	11:23	12	METALS-TCLP	TCLP	TCLP	SW846	10358	DMO 8/13/09
AC45760-001	4	SMP	11:27	13	METALS-TCLP	TCLP	TCLP	SW846	10358	
AC45760-001	4	MS	11:31	14	METALS-TCLP	TCLP	TCLP	SW846	10358	
ICSA V-68333	1	ICSA	11:35	15						
ICSAB V-68334	1	ICSAB	11:40	16						
CCV V-68336	1	CCV	11:45	17						
CCB	1	CCB	11:50	18						
MB 10390 (100)	1	MB	11:53	19		SOIL	SOIL	SW846	10390	
LCS 100	1	LCS	11:56	20		SOIL	SOIL	SW846	10390	
LCS 100 MR	1	LCS	12:01	21		SOIL	SOIL	SW846	10390	
AC45774-005	1	SMP	12:06	22	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-005	1	MR	12:09	23	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-006	1	MS	12:12	24	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-007	1	MS	12:17	25	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-005	1	PS	12:22	26	METALS-TAL-S	SOIL	SOIL	SW846	10390	
CCV V-68336	1	CCV	12:27	27						
CCB	1	CCB	12:32	28						
AC45774-005	5	SD	12:35	29	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-001	1	SMP	12:38	30	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-002	1	SMP	12:41	31	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-003	1	SMP	12:46	32	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-004	1	SMP	12:49	33	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-015	1	SMP	12:54	34	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45822-002	1	SMP	12:57	35	PPMETALS-S	SOIL	SOIL	SW846	10390	
ICSA V-68333	1	ICSA	13:02	36						
ICSAB V-68334	1	ICSAB	13:07	37						
CCV V-68336	1	CCV	13:12	38						
CCB	1	CCB	13:17	39						
AC45822-003	1	SMP	13:20	40	PPMETALS-S	SOIL	SOIL	SW846	10390	
AC45822-004	1	SMP	13:25	41	PPMETALS-S	SOIL	SOIL	SW846	10390	
AC45822-008	1	SMP	13:30	42	PPMETALS-S	SOIL	SOIL	SW846	10390	
AC45356-013	1	SMP	13:34	43	MET-2-SOIL	SOIL	SOIL	SW846	10390	
AC45734-005	1	SMP	13:39	44	PB-SOIL	SOIL	SOIL	SW846	10390	
AC45734-006	1	NA	13:44	45		SOIL	SOIL	SW846	10390	
AC45734-007	1	NA	13:49	46		SOIL	SOIL	SW846	10390	
AC45734-008	1	NA	13:54	47		SOIL	SOIL	SW846	10390	
CCV V-68336	1	CCV	13:58	48						
CCB	1	CCB	14:02	49						
AC45822-005	1	SMP	14:05	50	PPMETALS-S	SOIL	AQUEO	SW846	10390	
MB FB (1)	1	MB	14:08	51		SOIL	AQUEO	SW846	10390	
LCSW	1	LCS	14:12	52		SOIL	AQUEO	SW846	10390	
ICSA V-68333	1	ICSA	14:15	53						
ICSAB V-68334	1	ICSAB	14:20	54						
CCV V-68336	1	CCV	14:25	55						
CCB	1	CCB	14:30	56						

CB 7/27/09

7/20/09

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcpRad2\S10390A2.txt **Instrument:** PEICPRAD2

Analysis Date: 07/19/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-68816	1	CAL	22:34	1						
Calib 1 V-68472	1	CAL	22:47	2						
Calib 2 V-68473	1	CAL	22:50	3						
Calib 3 V-69300	1	CAL	22:53	4						
ICS3 V-68473	1	ICS	22:57	5						
ICV V-68813 (2)	1	ICV	23:00	6						
ICB V-68816	1	ICB	23:03	7						
ICSA V-68333	1	ICSA	23:07	8						
ICSAB V-68334	1	ICSAB	23:09	9						
MB 10390 (100)	1	MB	23:12	10		SOIL	SOIL	SW846	10390	
LCS 100	1	LCS	23:16	11		SOIL	SOIL	SW846	10390	
LCS 100 MR	1	LCS	23:18	12		SOIL	SOIL	SW846	10390	
AC45774-005	1	SMP	23:21	13	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-005	1	MR	23:24	14	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-006	1	MS	23:27	15	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-007	1	MS	23:30	16	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-005	1	PS	23:33	17	METALS-TAL-S	SOIL	SOIL	SW846	10390	
CCV V-68336	1	CCV	23:36	18						
CCB	1	CCB	23:39	19						
AC45774-005	5	SD	23:42	20	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-001	1	SMP	23:46	21	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-002	1	SMP	23:49	22	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-003	1	SMP	23:52	23	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-004	1	SMP	23:55	24	METALS-TAL-S	SOIL	SOIL	SW846	10390	
AC45774-015	1	SMP	23:59	25	METALS-TAL-S	SOIL	SOIL	SW846	10390	
ICSA V-68333	1	ICSA	00:02	26						
ICSAB V-68334	1	ICSAB	00:05	27						
CCV V-68336	1	CCV	00:08	28						
CCB	1	CCB	00:11	29						

7/20/09

7/20/09

CB 7/27/09

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv1\H10390S.txt **Instrument:** HGCV1

Analysis Date: 07/21/09 **Standard/Batch/SnCl2 Lot #:** V-69870

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calibration Blank	1	CAL	10:58	1						
.2 PPB	1	CAL	10:59	2						
.5 PPB	1	CAL	11:01	3						
1 PPB	1	CAL	11:02	4						
2 PPB	1	CAL	11:04	5						
5 PPB	1	CAL	11:05	6						
10 PPB	1	CAL	11:07	7						
25 PPB	1	CAL	11:08	8						
ICV (2)	1	ICV	11:10	9						
ICB	1	ICB	11:11	10						
MB 10390 (167)	1	MB	11:13	11		SOIL	SOIL	SW846	10390	
LCS	1	NA	11:14	12		SOIL	SOIL	SW846	10390	
LCS MR	1	NA	11:16	13		SOIL	SOIL	SW846	10390	
LCS 4D	4	LCS	11:18	14		SOIL	SOIL	SW846	10390	
LCS MR 4D	4	LCS	11:19	15		SOIL	SOIL	SW846	10390	
AC45774-005	1	SMP	11:21	16	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45774-005	1	MR	11:22	17	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45774-006	1	MS	11:24	18	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45774-007	1	MS	11:25	19	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45774-001	1	SMP	11:27	20	HG-SOIL	SOIL	SOIL	SW846	10390	
CCV	1	CCV	11:28	21						
CCB	1	CCB	11:30	22						
AC45774-002	1	SMP	11:31	23	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45774-003	1	SMP	11:33	24	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45774-004	1	SMP	11:34	25	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45774-015	1	SMP	11:36	26	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45822-002	1	SMP	11:38	27	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45822-003	1	SMP	11:39	28	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45822-004	1	SMP	11:41	29	HG-SOIL	SOIL	SOIL	SW846	10390	
AC45822-005	1	SMP	11:42	30	HG-W-7470	SOIL	AQUEO	SW846	10390	
AC45822-008	1	SMP	11:44	31	HG-SOIL	SOIL	SOIL	SW846	10390	
MB FB	1	MB	11:45	32		SOIL	SOIL	SW846	10390	
CCV	1	CCV	11:47	33						
CCB	1	CCB	11:48	34						
LCSW	1	LCS	11:50	35		SOIL	AQUEO	SW846	10390	
CCV	1	CCV	11:51	36						
CCB	1	CCB	11:53	37						

7/21/09

7/22/09

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4028

Description
ICV 2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-8	16-94JB	04/06/09	04/05/10	Miller,Gael E.	2	500M	50	MG/L

Veritech Control/Receipt Number: 4029

Description
ICV 1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-7	16-95JB	04/06/09	04/05/10	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4100

Description
hydrogen peroxide

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
fisher	H325-4	085542	12/10/08	12/09/09	Miller,Gael E.	2	4L	neat	neat

Veritech Control/Receipt Number: 4171

Description
Hidrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK-212	4108100	06/10/09	06/09/10	Lopez, Jose	6	2.5L	neat	neat

Veritech Control/Receipt Number: 4187

Description
metals soil LCS

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ERA	540	D064-540	06/16/09	06/15/10	Miller,Gael E.	2	40g	neat	neat

Veritech Control/Receipt Number: 4204

Description
NITRIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A509SK212	1109010	06/23/09	06/22/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3779

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	080074	12/16/08	12/15/11	Miller,Gael E.	2	1 kg	neat	neat

Veritech Control/Receipt Number: 3899

Description
Merc ury Std

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	SM114-100	084587	02/03/09	02/02/10	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 4027

Description
MERCURY

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	PLHG4-2Y	15-08HG	04/06/09	04/05/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4203

Description
HYDROCHLORIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A508SK212	4108100	06/23/09	06/22/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4204

Description
NITRIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A509SK212	1109010	06/23/09	06/22/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3779

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	080074	12/16/08	12/15/11	Miller,Gael E.	2	1 kg	neat	neat

Veritech Control/Receipt Number: 3800

Description
ICSAB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#2	087967	01/06/09	12/01/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3899

Description
Merc ury Std

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	SM114-100	084587	02/03/09	02/02/10	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 4009

Description
Stanous Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	T142-3	085968	03/31/09	03/30/12	Miller,Gael E.	1	3kg	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4028

Description
ICV 2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-8	16-94JB	04/06/09	04/05/10	Miller,Gael E.	2	500M	50	MG/L

Veritech Control/Receipt Number: 4029

Description
ICV 1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-7	16-95JB	04/06/09	04/05/10	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4037

Description
ICSA STOCK

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#1	092144A	04/10/09	03/31/10	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4052

Description
ARSENIC STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	ASP1-1-1	ASP1M	04/20/09	04/19/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4054

Description
BERYLLIUM STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	BEP1-1-1	BEP1K	04/20/09	04/19/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4055

Description
CADMIUM STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	CDP1-1-1	CDP1J	04/20/09	04/19/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4061

Description
LEAD STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	PBP1-1-1	PBP1N	04/20/09	04/19/10	Miller,Gael E.	2	100M	1000	MG/L

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4071

Description
THALLIUM STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	TLP1-1-1	TLP1K	04/20/09	04/19/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4122

Description
Hidrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508Sk-212	4108100	05/01/09	05/01/10	Lopez, Jose	12	2.5	neat	neat

Veritech Control/Receipt Number: 4123

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509Sk212	1108100	05/01/09	05/01/10	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 4164

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	09F083	06/09/09	06/08/10	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4165

Description
ICSB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	09F083	06/09/09	06/08/10	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4166

Description
ICSC

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	09F083	06/09/09	06/08/10	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4171

Description
Hidrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK-212	4108100	06/10/09	06/09/10	Lopez, Jose	6	2.5L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4204

Description
NITRIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A509SK212	1109010	06/23/09	06/22/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 4233

Description
Lithium std

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLLI2-2Y	15-31LI	07/13/09	06/30/10	Miller,Gael E.	1	100	1000	MG/L

Veritech Control/Receipt Number: 4234

Description
STRONTIUM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	PLSR2-2Y	14-90SR	07/13/09	06/30/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61726

Prepared By: Soules, John | Department: Metals | ApprovedBy:
Description: 5% Potassium Permanganate | BatchNumber: | ApproveDate:
Prep Date: 3/3/2009 | Concentration: reagent | Checked: No
Expiration Date: 8/2/2009 | Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-61727

Prepared By: Soules, John | Department: Metals | ApprovedBy:
Description: Hydroxylamine Hydrochloride | BatchNumber: | ApproveDate:
Prep Date: 3/3/2009 | Concentration: reagent | Checked: No
Expiration Date: 8/2/2009 | Final Volume: 8 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3562	Sodium Chloride	960 g	neat neat	
3779	Hydroxylamine Hydrochloride	960 g	neat neat	

Veritech Lot Number: V-66155

Prepared By: Soules, John | Department: Metals | ApprovedBy: gael
Description: 5% Potassium Permanganate | BatchNumber: | ApproveDate: 07/29/09
Prep Date: 5/20/2009 | Concentration: reagent | Checked: Yes
Expiration Date: 11/19/2009 | Final Volume: 20 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-66157

Prepared By: Soules, John | Department: Metals | ApprovedBy: gael
Description: Hydroxylamine Hydrochloride | BatchNumber: | ApproveDate: 07/29/09
Prep Date: 5/20/2009 | Concentration: reagent | Checked: Yes
Expiration Date: 11/19/2009 | Final Volume: 10 l

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3779	Hydroxylamine Hydrochloride	1200 g	neat neat	
3562	Sodium Chloride	1200 g	neat neat	

Veritech Lot Number: V-68333

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy:
Description: ICSA | BatchNumber: | ApproveDate:
Prep Date: 6/24/2009 | Concentration: MULTI mg/l | Checked: No
Expiration Date: 9/23/2009 | Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4037	ICSA STOCK	50 ml	NEAT neat	
4122	Hidrochloric Acid	50 ml	neat neat	
4123	Nitric Acid	50 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68334

Prepared By: Balashanthan, Shiamala
Description: ICSAB
Prep Date: 6/24/2009
Expiration Date: 9/23/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml
ApprovedBy: gael
ApproveDate: 07/29/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3800	ICSAB	10 ml	NEAT neat	
4123	Nitric Acid	50 ml	neat neat	
4122	Hidrochloric Acid	50 ml	neat neat	
4037	ICSA STOCK	50 ml	NEAT neat	

Veritech Lot Number: V-68336

Prepared By: Balashanthan, Shiamala
Description: CCV
Prep Date: 6/24/2009
Expiration Date: 9/23/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml
ApprovedBy: gael
ApproveDate: 07/29/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4123	Nitric Acid	50 ml	neat neat	
4029	ICV 1	10 ml	NEAT neat	
4122	Hidrochloric Acid	50 ml	neat neat	
4028	ICV 2	10 ml	50 mg/l	

Veritech Lot Number: V-68472

Prepared By: Balashanthan, Shiamala
Description: ICS2- Low Std
Prep Date: 6/25/2009
Expiration Date: 9/24/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml
ApprovedBy: gael
ApproveDate: 07/29/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4123	Nitric Acid	25 ml	neat neat	
4122	Hidrochloric Acid	25 ml	neat neat	
4164	ICSA	.05 ml	NEAT neat	
4165	ICSB	.05 ml	NEAT neat	
4166	ICSC	.05 ml	NEAT neat	

Veritech Lot Number: V-68473

Prepared By: Balashanthan, Shiamala
Description: ICS3 - Middle Std
Prep Date: 6/25/2009
Expiration Date: 9/24/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml
ApprovedBy: gael
ApproveDate: 07/29/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4123	Nitric Acid	50 ml	neat neat	
4122	Hidrochloric Acid	50 ml	neat neat	
4164	ICSA	5 ml	NEAT neat	
4165	ICSB	5 ml	NEAT neat	
4166	ICSC	5 ml	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68813

Prepared By: Balashanthan, Shiamala
Description: ICV
Prep Date: 7/1/2009
Expiration Date: 9/30/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 500 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4123	Nitric Acid	25 ml	neat neat	
4029	ICV 1	10 ml	NEAT neat	
4122	Hidrochloric Acid	25 ml	neat neat	
4028	ICV 2	10 ml	50 mg/l	

Veritech Lot Number: V-68816

Prepared By: Balashanthan, Shiamala
Description: ICB/CCB
Prep Date: 7/1/2009
Expiration Date: 9/30/2009
Department: Metals
BatchNumber:
Concentration: 0 mg/l
Final Volume: 1000 ml
ApprovedBy: gael
ApproveDate: 07/29/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4122	Hidrochloric Acid	50 ml	neat neat	
4123	Nitric Acid	50 ml	neat neat	

Veritech Lot Number: V-69630

Prepared By: Balashanthan, Shiamala
Description: ICS 1 INTERMEDIATE
Prep Date: 7/16/2009
Expiration Date: 10/15/2009
Department: Metals
BatchNumber:
Concentration: various mg/l
Final Volume: 100 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4204	NITRIC ACID	5 ml	neat neat	
4052	ARSENIC STOCK STD	.5 ml	1000 mg/l	5 mg/l
4054	BERYLLIUM STOCK STD	.3 ml	1000 mg/l	3 mg/l
4055	CADMIUM STOCK STD	.3 ml	1000 mg/l	3 mg/l
4061	LEAD STOCK STD	.4 ml	1000 mg/l	4 mg/l
4071	THALLIUM STOCK STD	.5 ml	1000 mg/l	5 mg/l

Veritech Lot Number: V-69631

Prepared By: Balashanthan, Shiamala
Description: ICS1 Lowest std
Prep Date: 7/16/2009
Expiration Date: 10/15/2009
Department: Metals
BatchNumber:
Concentration: various mg/l
Final Volume: 1000 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4204	NITRIC ACID	50 ml	neat neat	
4171	Hidrochloric Acid	50 ml	neat neat	
V-69630	ICS 1 INTERMEDIATE	1 ml	various mg/l	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69744

Prepared By: Adelartey, Olufemi
Description: Hg intermediate Standard
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6093
Concentration: .25 ppm
Final Volume: 500 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	500 ml		
4204	NITRIC ACID	12.5 ml	neat neat	
4027	MERCURY	.125 ml	1000 mg/l	

Veritech Lot Number: V-69745

Prepared By: Adelartey, Olufemi
Description: Hg intermediate Control
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6093
Concentration: 1.0 ppm
Final Volume: 100 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	100 ml		
4204	NITRIC ACID	2.5 ml	neat neat	
3899	Merc ury Std	.1 ml	1000 mg/l	

Veritech Lot Number: V-69756

Prepared By: Adelartey, Olufemi
Description: Hg Soil ICV soil
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: 20 ppb
Final Volume: 25 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69745	Hg intermediate Control	.5 ml	1.0 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69757

Prepared By: Adelartey, Olufemi
Description: Hg soil CCV 10ppb
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: 10 ppb
Final Volume: 25 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69745	Hg intermediate Control	.25 ml	1.0 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69758

Prepared By: Adelartey, Olufemi
Description: Hg soil standard blk
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: 0 ppm
Final Volume: 25 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69759

Prepared By: Adelartey, Olufemi
Description: Hg soil standard .2 ppb
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: .2 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69744	Hg intermediate Standard	.02 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69760

Prepared By: Adelartey, Olufemi
Description: Hg soil standard .5 ppb
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: .5 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69744	Hg intermediate Standard	.05 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69761

Prepared By: Adelartey, Olufemi
Description: Hg soil standard 1 ppb
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: 1 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69744	Hg intermediate Standard	.1 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69762

Prepared By: Adelartey, Olufemi
Description: Hg soil standard 2 ppb
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: 2 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69744	Hg intermediate Standard	.2 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69763

Prepared By: Adelartey, Olufemi
Description: Hg soil standard 5 ppb
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: 5 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69744	Hg intermediate Standard	.5 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69764

Prepared By: Adelartey, Olufemi
Description: Hg soil standard 10 ppb
Prep Date: 7/18/2009
Expiration Date: 7/18/2009
Department: Metals
BatchNumber: B-6095
Concentration: 10 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69744	Hg intermediate Standard	1 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69765

Prepared By:	Adelartey, Olufemi	Department: Metals	ApprovedBy: gael
Description:	Hg soil standard 25 ppb	BatchNumber: B-6095	ApproveDate: 07/30/09
Prep Date:	7/18/2009	Concentration: 25 ppb	Checked: Yes
Expiration Date:	7/18/2009	Final Volume: 25 ml	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69744	Hg intermediate Standard	2.5 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69766

Prepared By:	Adelartey, Olufemi	Department: Metals	ApprovedBy: gael
Description:	Auqaregia	BatchNumber: B-6095	ApproveDate: 07/30/09
Prep Date:	7/18/2009	Concentration: reagent reage	Checked: Yes
Expiration Date:	7/18/2009	Final Volume: 40 ml	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4203	HYDROCHLORIC ACID	10 ml	neat neat	
4204	NITRIC ACID	30 ml	neat neat	

Veritech Lot Number: V-69870

Prepared By:	Soules, John	Department: Metals	ApprovedBy: gael
Description:	SnCl2	BatchNumber: B-6108	ApproveDate: 07/30/09
Prep Date:	7/21/2009	Concentration: 1.1% SnCl2 in	Checked: Yes
Expiration Date:	7/21/2009	Final Volume: 1000	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69871	3% HCL	1000 ml	reagent reag	
4009	Stanous Chloride	13.2 g	neat neat	

Veritech Lot Number: V-69871

Prepared By:	Soules, John	Department: Metals	ApprovedBy: gael
Description:	3% HCL	BatchNumber: B-6108	ApproveDate: 07/30/09
Prep Date:	7/21/2009	Concentration: reagent reage	Checked: Yes
Expiration Date:	7/21/2009	Final Volume: 10 ml	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4122	Hidrochloric Acid	300 ml	neat neat	
1014	DI water (fill to volume)	10000 ml		

T10358B2 Batch T0358 TCLP + 10390 soil

Method: PE2 AXIAL Date: 7/20/2009 10:39:39 AM

Analyst 7/20/09

==========

Analysis Begun

Start Time: 7/20/2009 10:35:23 AM
Logged In Analyst: shiamala
Spectrometer Model: Optima 4300 DV, S/N 077N1030901
Plasma On Time: 7/20/2009 7:30:03 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\administrator\Sample Information\10390.sif
Batch ID: 10388
Results Data Set: T10358B2
Results Library: C:\pe\administrator\Results\Results.mdb

QC 7/21/09

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Method Loaded
Method Name: PE2 AXIAL
IEC File: IEC101708.iec
Method Description: 200.7/SW846
Method Last Saved: 7/16/2009 4:15:21 PM
MSF File:

==========

Sequence No.: 1
Sample ID: Calib Blank 1 V-68816
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 7/20/2009 10:35:24 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1 V-68816

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1120720.6	17650.18	1.57%	100	%
Yittrium	472656.4	6943.99	1.47%	100	%
Aluminumt	6300.9	40.13	0.64%	[0.00]	mg/L
Antimonyt	123.2	5.51	4.48%	[0.00]	mg/L
Arsenict	46.5	2.60	5.58%	[0.00]	mg/L
Bariumt	-332.7	11.01	3.31%	[0.00]	mg/L
Berylliumt	-3331.2	47.36	1.42%	[0.00]	mg/L
Cadmiumt	779.1	19.95	2.56%	[0.00]	mg/L
Calciumt	-10557.0	39.34	0.37%	[0.00]	mg/L
Chromiumt	1057.0	36.88	3.49%	[0.00]	mg/L
Cobaltt	229.3	15.29	6.67%	[0.00]	mg/L
Coppert	3645.9	107.69	2.95%	[0.00]	mg/L
Iront	-4203.6	62.10	1.48%	[0.00]	mg/L
Leadt	43.3	17.22	39.77%	[0.00]	mg/L
Magnesiumt	-14212.2	113.69	0.80%	[0.00]	mg/L
Manganeset	-3740.3	82.28	2.20%	[0.00]	mg/L
Molybdenumt	51.0	12.19	23.89%	[0.00]	mg/L
Nickelt	-265.5	23.44	8.83%	[0.00]	mg/L
Potassiumt	123314.5	1419.85	1.15%	[0.00]	mg/L
Seleniumt	11.1	0.26	2.35%	[0.00]	mg/L
Silvert	581.4	56.29	9.68%	[0.00]	mg/L
Sodiumt	-551.3	40.00	7.25%	[0.00]	mg/L
Thalliumt	-90.7	4.86	5.36%	[0.00]	mg/L
Tint	41.0	10.72	26.16%	[0.00]	mg/L
Titaniumt	526.4	9.19	1.74%	[0.00]	mg/L
Vanadiumt	4742.4	7.74	0.16%	[0.00]	mg/L
Zinct	-1093.6	10.13	0.93%	[0.00]	mg/L

10390

all elements reported except earth metals

Sequence No.: 2
Sample ID: Calib 1 V-69631
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 7/20/2009 10:40:38 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 1 V-69631

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1148260.7	10338.27	0.90%	102	%
Yittrium	479372.0	4897.19	1.02%	101	%
Arsenic†	4.4	2.22	50.98%	[0.005]	mg/L
Beryllium†	10976.8	286.28	2.61%	[0.003]	mg/L
Cadmium†	200.0	12.15	6.08%	[0.003]	mg/L
Lead†	73.4	13.46	18.33%	[0.004]	mg/L
Thallium†	16.4	3.02	18.38%	[0.005]	mg/L

Sequence No.: 3
Sample ID: Calib 2 V-68472
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 7/20/2009 10:43:52 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 2 V-68472

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1125358.8	12610.87	1.12%	100	%
Yittrium	470538.9	4896.84	1.04%	99.6	%
Aluminumt	3009.2	54.69	1.82%	[0.1]	mg/L
Antimonyt	24.6	2.55	10.38%	[0.01]	mg/L
Arsenict	6.8	1.33	19.62%	[0.01]	mg/L
Bariumt	1527.6	26.15	1.71%	[0.01]	mg/L
Berylliumt	34027.6	1133.09	3.33%	[0.01]	mg/L
Cadmiumt	561.2	41.04	7.31%	[0.01]	mg/L
Calciumt	131047.7	4445.64	3.39%	[1]	mg/L
Chromiumt	953.6	10.28	1.08%	[0.01]	mg/L
Cobaltt	486.5	21.67	4.45%	[0.01]	mg/L
Coppert	1205.7	81.80	6.78%	[0.01]	mg/L
Iront	1741.2	2.39	0.14%	[0.1]	mg/L
Leadt	159.4	8.22	5.16%	[0.01]	mg/L
Magnesiumt	19051.2	450.74	2.37%	[1]	mg/L
Manganeset	5337.8	39.50	0.74%	[0.01]	mg/L
Molybdenumt	186.1	25.01	13.44%	[0.01]	mg/L
Nickelt	576.7	17.76	3.08%	[0.01]	mg/L
Potassiumt	-1337.3	661.03	49.43%	[1]	mg/L
No calibration curve because standard intensity and concentration values are not in the same order.					
Seleniumt	14.8	0.93	6.27%	[0.01]	mg/L
Silvert	380.6	114.88	30.18%	[0.002]	mg/L
Sodiumt	897.9	151.56	16.88%	[1]	mg/L
Thalliumt	22.0	2.14	9.73%	[0.01]	mg/L
Tint	48.3	5.54	11.47%	[0.01]	mg/L
Titaniumt	8012.9	367.65	4.59%	[0.01]	mg/L
Vanadiumt	1621.4	84.36	5.20%	[0.01]	mg/L
Zinct	328.3	24.92	7.59%	[0.01]	mg/L

Sequence No.: 4
Sample ID: Calib 3 V-68473
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/20/2009 10:47:08 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 3 V-68473

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	1082051.6	11162.41	1.03%	96.5	%
Yittrium	440459.5	3481.56	0.79%	93.2	%
Aluminumt	149605.5	3284.98	2.20%	[5]	mg/L
Antimonyt	1464.8	11.05	0.75%	[0.5]	mg/L
Arsenict	662.7	18.23	2.75%	[0.5]	mg/L
Bariumt	75974.5	1570.84	2.07%	[0.5]	mg/L
Berylliumt	1716586.2	63748.35	3.71%	[0.5]	mg/L
Cadmiumt	28177.7	529.31	1.88%	[0.5]	mg/L
Calciumt	6366314.1	218429.64	3.43%	[50]	mg/L
Chromiumt	47593.5	947.60	1.99%	[0.5]	mg/L
Cobaltt	24231.0	450.04	1.86%	[0.5]	mg/L
Coppert	60175.3	1145.17	1.90%	[0.5]	mg/L
Iront	84215.8	2175.52	2.58%	[5]	mg/L
Leadt	7146.8	135.00	1.89%	[0.5]	mg/L
Magnesiumt	904740.4	29946.36	3.31%	[50]	mg/L
Manganeset	251269.6	4730.28	1.88%	[0.5]	mg/L
Molybdenumt	9594.2	562.48	5.86%	[0.5]	mg/L
Nickelt	28828.5	501.28	1.74%	[0.5]	mg/L
Potassiumt	12022.4	1070.89	8.91%	[50]	mg/L
No calibration curve because standard intensity and concentration values are not in the same order.					
Seleniumt	914.9	45.51	4.97%	[0.5]	mg/L
Silvert	20487.3	405.24	1.98%	[0.1]	mg/L
Sodiumt	51415.9	1019.14	1.98%	[50]	mg/L
Thalliumt	1031.5	32.30	3.13%	[0.5]	mg/L
Tint	2565.3	65.71	2.56%	[0.5]	mg/L
Titaniumt	401509.9	8682.15	2.16%	[0.5]	mg/L
Vanadiumt	83334.9	1885.68	2.26%	[0.5]	mg/L
Zinct	13917.5	260.27	1.87%	[0.5]	mg/L

Sequence No.: 5
Sample ID: Calib 4 V-69300
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/20/2009 10:50:38 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 4 V-69300

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Scanadium	1051546.2	702.65	0.07%	93.8	%
Yittrium	435163.6	496.61	0.11%	92.1	%
Aluminumt	301384.8	3953.04	1.31%	[10]	mg/L
Antimonyt	2958.8	12.30	0.42%	[1.0]	mg/L
Arsenict	1353.1	14.86	1.10%	[1.0]	mg/L
Bariumt	151317.6	1975.79	1.31%	[1.0]	mg/L
Berylliumt	3475077.4	90010.33	2.59%	[1]	mg/L
Cadmiumt	56644.7	767.04	1.35%	[1.0]	mg/L
Calciumt	12713712.0	314197.74	2.47%	[100]	mg/L
Chromiumt	95560.4	1325.09	1.39%	[1.0]	mg/L
Cobaltt	47978.8	603.99	1.26%	[1.0]	mg/L
Coppert	122033.8	1556.51	1.28%	[1.0]	mg/L
Iront	167323.8	3453.39	2.06%	[10]	mg/L
Leadt	14183.0	24.68	0.17%	[1.0]	mg/L
Magnesiumt	1816716.2	29629.39	1.63%	[100]	mg/L
Manganeset	502749.4	7181.78	1.43%	[1.0]	mg/L
Molybdenumt	19325.6	914.43	4.73%	[1.0]	mg/L
Nickelt	56979.4	782.03	1.37%	[1.0]	mg/L
Potassiumt	26768.6	1030.96	3.85%	[100]	mg/L
No calibration curve because standard intensity and concentration values are not in the same order.					
Seleniumt	1887.0	19.22	1.02%	[1.0]	mg/L
Silvert	41947.6	412.22	0.98%	[0.2]	mg/L
Sodiumt	110749.4	1167.06	1.05%	[100]	mg/L
Thalliumt	2066.8	9.20	0.44%	[1.0]	mg/L
Tint	5113.8	57.20	1.12%	[1.0]	mg/L
Titaniumt	814170.0	11920.74	1.46%	[1.0]	mg/L
Vanadiumt	166401.0	2514.97	1.51%	[1.0]	mg/L
Zinct	27789.4	79.65	0.29%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum	3	Lin Thru 0	0.0	30100	0.00000	0.999996	
Antimony	3	Lin Thru 0	0.0	2953	0.00000	0.999991	
Arsenic	4	Lin Thru 0	0.0	1347	0.00000	0.999955	
Barium	3	Lin Thru 0	0.0	151400	0.00000	0.999999	
Beryllium	4	Lin Thru 0	0.0	3467000	0.00000	0.999988	
Cadmium	4	Lin Thru 0	0.0	56590	0.00000	0.999998	
Calcium	3	Lin Thru 0	0.0	127200	0.00000	1.000000	
Chromium	3	Lin Thru 0	0.0	95490	0.00000	0.999999	
Cobalt	3	Lin Thru 0	0.0	48080	0.00000	0.999992	
Copper	3	Lin Thru 0	0.0	121700	0.00000	0.999985	
Iron	3	Lin Thru 0	0.0	16750	0.00000	0.999996	
Lead	4	Lin Thru 0	0.0	14210	0.00000	0.999994	
Magnesium	3	Lin Thru 0	0.0	18150	0.00000	0.999999	
Manganese	3	Lin Thru 0	0.0	502700	0.00000	1.000000	
Molybdenum	3	Lin Thru 0	0.0	19300	0.00000	0.999996	
Nickel	3	Lin Thru 0	0.0	57110	0.00000	0.999989	
Selenium	3	Lin Thru 0	0.0	1876	0.00000	0.999924	
Silver	3	Lin Thru 0	0.0	208800	0.00000	0.999956	
Sodium	3	Lin Thru 0	0.0	1092	0.00000	0.999578	
Thallium	4	Lin Thru 0	0.0	2066	0.00000	0.999996	
Tin	3	Lin Thru 0	0.0	5117	0.00000	0.999999	
Titanium	3	Lin Thru 0	0.0	811900	0.00000	0.999985	
Vanadium	3	Lin Thru 0	0.0	166500	0.00000	1.000000	
Zinc	3	Lin Thru 0	0.0	27800	0.00000	0.999998	

Sequence No.: 6
Sample ID: ICS3 V-68473
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/20/2009 10:55:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS3 V-68473

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1077957.5	96.2	%	0.83				0.86%
Yittrium	442933.4	93.7	%	0.44				0.47%
Aluminumt	152703.7	5.06657	mg/L	0.083756	5.06657	mg/L	0.083756	1.65%
QC value within limits for Aluminum Recovery = 101.33%								
Antimonyt	1477.8	0.501799	mg/L	0.0060574	0.501799	mg/L	0.0060574	1.21%
QC value within limits for Antimony Recovery = 100.36%								
Arsenict	677.0	0.500251	mg/L	0.0041133	0.500251	mg/L	0.0041133	0.82%
QC value within limits for Arsenic Recovery = 100.05%								
Bariumt	77562.3	0.511972	mg/L	0.0074737	0.511972	mg/L	0.0074737	1.46%
QC value within limits for Barium Recovery = 102.39%								
Berylliumt	1736081.1	0.500430	mg/L	0.0165211	0.500430	mg/L	0.0165211	3.30%
QC value within limits for Beryllium Recovery = 100.09%								
Cadmiumt	28525.2	0.503965	mg/L	0.0039658	0.503965	mg/L	0.0039658	0.79%
QC value within limits for Cadmium Recovery = 100.79%								
Calciumt	6442183.1	50.6559	mg/L	1.64268	50.6559	mg/L	1.64268	3.24%
QC value within limits for Calcium Recovery = 101.31%								
Chromiumt	48573.3	0.512449	mg/L	0.0093266	0.512449	mg/L	0.0093266	1.82%
QC value within limits for Chromium Recovery = 102.49%								
Cobaltt	24552.8	0.511801	mg/L	0.0034032	0.511801	mg/L	0.0034032	0.66%
QC value within limits for Cobalt Recovery = 102.36%								
Coppert	61391.8	0.504464	mg/L	0.0085288	0.504464	mg/L	0.0085288	1.69%
QC value within limits for Copper Recovery = 100.89%								
Iront	86069.2	5.13705	mg/L	0.116352	5.13705	mg/L	0.116352	2.26%
QC value within limits for Iron Recovery = 102.74%								
Leadt	7240.4	0.510294	mg/L	0.0037971	0.510294	mg/L	0.0037971	0.74%
QC value within limits for Lead Recovery = 102.06%								
Magnesiumt	920415.6	50.7039	mg/L	1.63668	50.7039	mg/L	1.63668	3.23%
QC value within limits for Magnesium Recovery = 101.41%								
Manganeset	256610.2	0.510454	mg/L	0.0079237	0.510454	mg/L	0.0079237	1.55%
QC value within limits for Manganese Recovery = 102.09%								
Molybdenumt	9953.9	0.504669	mg/L	0.0241261	0.504669	mg/L	0.0241261	4.78%
QC value within limits for Molybdenum Recovery = 100.93%								
Nickelt	29207.6	0.511944	mg/L	0.0033059	0.511944	mg/L	0.0033059	0.65%
QC value within limits for Nickel Recovery = 102.39%								
Potassiumt	15386.3						1096.39	7.13%
Unable to evaluate QC.								
Seleniumt	930.9	0.499067	mg/L	0.0006883	0.499067	mg/L	0.0006883	0.14%
QC value within limits for Selenium Recovery = 99.81%								
Silvert	20810.6	0.100199	mg/L	0.0025190	0.100199	mg/L	0.0025190	2.51%
QC value within limits for Silver Recovery = 100.20%								
Sodiumt	52603.5	48.2250	mg/L	0.60337	48.2250	mg/L	0.60337	1.25%
QC value within limits for Sodium Recovery = 96.45%								
Thalliumt	1048.0	0.514065	mg/L	0.0075103	0.514065	mg/L	0.0075103	1.46%
QC value within limits for Thallium Recovery = 102.81%								
Tint	2634.4	0.507865	mg/L	0.0038399	0.507865	mg/L	0.0038399	0.76%
QC value within limits for Tin Recovery = 101.57%								
Titaniumt	408427.3	0.503027	mg/L	0.0096772	0.503027	mg/L	0.0096772	1.92%
QC value within limits for Titanium Recovery = 100.61%								
Vanadiumt	84954.2	0.510620	mg/L	0.0085280	0.510620	mg/L	0.0085280	1.67%
QC value within limits for Vanadium Recovery = 102.12%								
Zinct	14112.6	0.507801	mg/L	0.0032715	0.507801	mg/L	0.0032715	0.64%
QC value within limits for Zinc Recovery = 101.56%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 7
Sample ID: ICV V-68813 (2)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 7/20/2009 11:00:17 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-68813 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1042166.3	93.0	%	0.32				0.34%
Yittrium	430385.6	91.1	%	0.29				0.32%
Aluminumt	305347.8	10.1315	mg/L	0.11617	10.1315	mg/L	0.11617	1.15%
QC value within limits for Aluminum Recovery = 101.31%								
Antimonyt	3002.2	1.01944	mg/L	0.000065	1.01944	mg/L	0.000065	0.01%
QC value within limits for Antimony Recovery = 101.94%								
Arsenict	1370.3	1.01254	mg/L	0.000865	1.01254	mg/L	0.000865	0.09%
QC value within limits for Arsenic Recovery = 101.25%								
Bariumt	153575.6	1.01372	mg/L	0.011746	1.01372	mg/L	0.011746	1.16%
QC value within limits for Barium Recovery = 101.37%								
Berylliumt	3527878.4	1.01693	mg/L	0.021277	1.01693	mg/L	0.021277	2.09%
QC value within limits for Beryllium Recovery = 101.69%								
Cadmiumt	57372.0	1.01362	mg/L	0.010517	1.01362	mg/L	0.010517	1.04%
QC value within limits for Cadmium Recovery = 101.36%								
Calciumt	12939204.0	101.743	mg/L	2.0372	101.743	mg/L	2.0372	2.00%
QC value within limits for Calcium Recovery = 101.74%								
Chromiumt	96817.4	1.02129	mg/L	0.013399	1.02129	mg/L	0.013399	1.31%
QC value within limits for Chromium Recovery = 102.13%								
Cobaltt	48742.1	1.01593	mg/L	0.010656	1.01593	mg/L	0.010656	1.05%
QC value within limits for Cobalt Recovery = 101.59%								
Coppert	123223.9	1.01255	mg/L	0.013688	1.01255	mg/L	0.013688	1.35%
QC value within limits for Copper Recovery = 101.25%								
Iront	169927.3	10.1421	mg/L	0.17698	10.1421	mg/L	0.17698	1.74%
QC value within limits for Iron Recovery = 101.42%								
Leadt	14372.9	1.01297	mg/L	0.005424	1.01297	mg/L	0.005424	0.54%
QC value within limits for Lead Recovery = 101.30%								
Magnesiumt	1851480.0	101.994	mg/L	1.2090	101.994	mg/L	1.2090	1.19%
QC value within limits for Magnesium Recovery = 101.99%								
Manganeset	509236.9	1.01298	mg/L	0.011952	1.01298	mg/L	0.011952	1.18%
QC value within limits for Manganese Recovery = 101.30%								
Molybdenumt	19478.6	0.987094	mg/L	0.0427196	0.987094	mg/L	0.0427196	4.33%
QC value within limits for Molybdenum Recovery = 98.71%								
Nickelt	57756.9	1.01234	mg/L	0.014276	1.01234	mg/L	0.014276	1.41%
QC value within limits for Nickel Recovery = 101.23%								
Potassiumt	30266.3						179.91	0.59%
Unable to evaluate QC.								
Seleniumt	1924.4	1.03157	mg/L	0.004772	1.03157	mg/L	0.004772	0.46%
QC value within limits for Selenium Recovery = 103.16%								
Silvert	42344.5	0.203850	mg/L	0.0015147	0.203850	mg/L	0.0015147	0.74%
QC value within limits for Silver Recovery = 101.92%								
Sodiumt	112303.6	102.954	mg/L	0.9983	102.954	mg/L	0.9983	0.97%
QC value within limits for Sodium Recovery = 102.95%								
Thalliumt	2084.5	1.02258	mg/L	0.001961	1.02258	mg/L	0.001961	0.19%
QC value within limits for Thallium Recovery = 102.26%								
Tint	5199.1	1.00203	mg/L	0.001915	1.00203	mg/L	0.001915	0.19%
QC value within limits for Tin Recovery = 100.20%								
Titaniumt	822717.5	1.01327	mg/L	0.014285	1.01327	mg/L	0.014285	1.41%
QC value within limits for Titanium Recovery = 101.33%								
Vanadiumt	168334.3	1.01167	mg/L	0.013683	1.01167	mg/L	0.013683	1.35%
QC value within limits for Vanadium Recovery = 101.17%								
Zinct	28186.9	1.01423	mg/L	0.003726	1.01423	mg/L	0.003726	0.37%
QC value within limits for Zinc Recovery = 101.42%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 8 **Autosampler Location: 1**
Sample ID: ICB V-68816 **Date Collected: 7/20/2009 11:05:11 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICB V-68816

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1113049.2	99.3	%	1.31				1.32%
Yittrium	468984.0	99.2	%	1.34				1.35%
Aluminumt	-60.6	-0.0021947	mg/L	0.00212304	-0.0021947	mg/L	0.00212304	96.73%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	2.2	0.0007481	mg/L	0.00039548	0.0007481	mg/L	0.00039548	52.87%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	5.4	0.0040071	mg/L	0.00054806	0.0040071	mg/L	0.00054806	13.68%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	-2.1	-0.0000140	mg/L	0.00017745	-0.0000140	mg/L	0.00017745	>999.9%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	218.8	0.0000629	mg/L	0.00003375	0.0000629	mg/L	0.00003375	53.66%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	-19.6	-0.0003461	mg/L	0.00033844	-0.0003461	mg/L	0.00033844	97.78%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	1070.2	0.0084150	mg/L	0.00119752	0.0084150	mg/L	0.00119752	14.23%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	24.2	0.0003443	mg/L	0.00028814	0.0003443	mg/L	0.00028814	83.69%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	12.4	0.0003099	mg/L	0.00015712	0.0003099	mg/L	0.00015712	50.70%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-29.8	-0.0002453	mg/L	0.00039675	-0.0002453	mg/L	0.00039675	161.77%
QC value within limits for Copper Recovery = Not calculated								
Iront	-44.1	-0.0026332	mg/L	0.00284574	-0.0026332	mg/L	0.00284574	108.07%
QC value within limits for Iron Recovery = Not calculated								
Leadt	13.3	0.0009659	mg/L	0.00149298	0.0009659	mg/L	0.00149298	154.57%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	-68.0	-0.0037443	mg/L	0.00064835	-0.0037443	mg/L	0.00064835	17.32%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	-6.5	-0.0000129	mg/L	0.00004351	-0.0000129	mg/L	0,00004351	337.79%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	240.0	0.0124510	mg/L	0.00128287	0.0124510	mg/L	0.00128287	10.30%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	4.9	0.0000954	mg/L	0.00007227	0.0000954	mg/L	0.00007227	75.76%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	1014.9						213.05	20.99%
Unable to evaluate QC.								
Seleniumt	-1.8	-0.0009738	mg/L	0.00187347	-0.0009738	mg/L	0.00187347	192.40%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-51.0	-0.0002446	mg/L	0.00019667	-0.0002446	mg/L	0.00019667	80.40%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-21.9	-0.0195708	mg/L	0.03655982	-0.0195708	mg/L	0.03655982	186.81%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-1.9	-0.0008854	mg/L	0.00123148	-0.0008854	mg/L	0.00123148	139.09%
QC value within limits for Thallium Recovery = Not calculated								
Tint	12.5	0.0024443	mg/L	0.00010709	0.0024443	mg/L	0.00010709	4.38%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	244.5	0.0003011	mg/L	0.00001734	0.0003011	mg/L	0.00001734	5.76%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	21.5	0.0001839	mg/L	0.00031580	0.0001839	mg/L	0.00031580	171.77%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-27.6	-0.0009945	mg/L	0.00000759	-0.0009945	mg/L	0.00000759	0.76%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 9
Sample ID: ICSA V-68333
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/20/2009 11:08:25 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	961461.8	85.8	%	0.10				0.12%
Yittrium	397431.5	84.1	%	0.17				0.21%
Aluminumt	15335510.4	509.570	mg/L	5.8510	509.570	mg/L	5.8510	1.15%
QC value within limits for Aluminum Recovery = 101.91%								
Antimonyt	106.1	0.0040988	mg/L	0.00168965	0.0040988	mg/L	0.00168965	41.22%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	55.1	0.0008809	mg/L	0.00135464	0.0008809	mg/L	0.00135464	153.77%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1466.9	-0.0026895	mg/L	0.00005975	-0.0026895	mg/L	0.00005975	2.22%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2232.9	-0.0006464	mg/L	0.00000491	-0.0006464	mg/L	0.00000491	0.76%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	245.8	-0.0007033	mg/L	0.00010392	-0.0007033	mg/L	0.00010392	14.78%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	62997471.7	495.359	mg/L	3.5911	495.359	mg/L	3.5911	0.72%
QC value within limits for Calcium Recovery = 99.07%								
Chromiumt	-234.3	-0.0023220	mg/L	0.00005487	-0.0023220	mg/L	0.00005487	2.36%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-190.9	-0.0039005	mg/L	0.00069212	-0.0039005	mg/L	0.00069212	17.74%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	12.1	0.0000996	mg/L	0.00091502	0.0000996	mg/L	0.00091502	919.09%
QC value within limits for Copper Recovery = Not calculated								
Iront	3310486.6	197.587	mg/L	1.3487	197.587	mg/L	1.3487	0.68%
QC value within limits for Iron Recovery = 98.79%								
Leadt	3994.4	0.0055939	mg/L	0.00502921	0.0055939	mg/L	0.00502921	89.91%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	9519180.9	524.393	mg/L	2.6983	524.393	mg/L	2.6983	0.51%
QC value within limits for Magnesium Recovery = 104.88%								
Manganeset	-3787.1	-0.0075334	mg/L	0.00005924	-0.0075334	mg/L	0.00005924	0.79%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	350.4	0.0037251	mg/L	0.00111423	0.0037251	mg/L	0.00111423	29.91%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-210.1	0.0030731	mg/L	0.00001534	0.0030731	mg/L	0.00001534	0.50%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	524480.5						4502.55	0.86%
Unable to evaluate QC.								
Seleniumt	-64.1	-0.0142235	mg/L	0.00000900	-0.0142235	mg/L	0.00000900	0.06%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-3962.7	0.0007864	mg/L	0.00054099	0.0007864	mg/L	0.00054099	68.80%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	50.4	0.0603261	mg/L	0.08146895	0.0603261	mg/L	0.08146895	135.05%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-72.4	-0.0107259	mg/L	0.00007765	-0.0107259	mg/L	0.00007765	0.72%
QC value within limits for Thallium Recovery = Not calculated								
Tint	242.1	-0.0061584	mg/L	0.00531767	-0.0061584	mg/L	0.00531767	86.35%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2569.3	0.0031644	mg/L	0.00003844	0.0031644	mg/L	0.00003844	1.21%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	5289.1	0.0041910	mg/L	0.00096503	0.0041910	mg/L	0.00096503	23.03%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-1062.0	-0.0167135	mg/L	0.00063804	-0.0167135	mg/L	0.00063804	3.82%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 10
Sample ID: ICSAB V-68334
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/20/2009 11:13:41 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	959835.3	85.6	%	0.05				0.06%
Yittrium	396201.2	83.8	%	0.02				0.02%
Aluminumt	15596931.1	518.256	mg/L	5.8407	518.256	mg/L	5.8407	1.13%
QC value within limits for Aluminum Recovery = 103.65%								
Antimonyt	3185.6	1.04627	mg/L	0.005648	1.04627	mg/L	0.005648	0.54%
QC value within limits for Antimony Recovery = 104.63%								
Arsenict	1502.2	1.07394	mg/L	0.007412	1.07394	mg/L	0.007412	0.69%
QC value within limits for Arsenic Recovery = 107.39%								
Bariumt	84153.9	0.543054	mg/L	0.0037759	0.543054	mg/L	0.0037759	0.70%
QC value within limits for Barium Recovery = 108.61%								
Berylliumt	1835749.3	0.529537	mg/L	0.0031812	0.529537	mg/L	0.0031812	0.60%
QC value within limits for Beryllium Recovery = 105.91%								
Cadmiumt	61044.0	1.07358	mg/L	0.002969	1.07358	mg/L	0.002969	0.28%
QC value within limits for Cadmium Recovery = 107.36%								
Calciumt	64121428.0	504.197	mg/L	5.3680	504.197	mg/L	5.3680	1.06%
QC value within limits for Calcium Recovery = 100.84%								
Chromiumt	49382.2	0.517292	mg/L	0.0021339	0.517292	mg/L	0.0021339	0.41%
QC value within limits for Chromium Recovery = 103.46%								
Cobaltt	24037.6	0.500063	mg/L	0.0006080	0.500063	mg/L	0.0006080	0.12%
QC value within limits for Cobalt Recovery = 100.01%								
Coppert	68114.1	0.559702	mg/L	0.0021335	0.559702	mg/L	0.0021335	0.38%
QC value within limits for Copper Recovery = 111.94%								
Iront	3400554.3	202.963	mg/L	1.6148	202.963	mg/L	1.6148	0.80%
QC value within limits for Iron Recovery = 101.48%								
Leadt	18574.6	1.02726	mg/L	0.001639	1.02726	mg/L	0.001639	0.16%
QC value within limits for Lead Recovery = 102.73%								
Magnesiumt	9711228.1	534.972	mg/L	5.2613	534.972	mg/L	5.2613	0.98%
QC value within limits for Magnesium Recovery = 106.99%								
Manganeset	259685.5	0.516571	mg/L	0.0033632	0.516571	mg/L	0.0033632	0.65%
QC value within limits for Manganese Recovery = 103.31%								
Molybdenumt	327.2	-0.0152335	mg/L	0.00160193	-0.0152335	mg/L	0.00160193	10.52%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	55730.0	0.982684	mg/L	0.0036039	0.982684	mg/L	0.0036039	0.37%
QC value within limits for Nickel Recovery = 98.27%								
Potassiumt	537821.4						6248.23	1.16%
Unable to evaluate QC.								
Seleniumt	1963.5	1.06716	mg/L	0.016808	1.06716	mg/L	0.016808	1.58%
QC value within limits for Selenium Recovery = 106.72%								
Silvert	229850.1	1.12131	mg/L	0.003931	1.12131	mg/L	0.003931	0.35%
QC value within limits for Silver Recovery = 112.13%								
Sodiumt	1234.3	0.801300	mg/L	0.0077521	0.801300	mg/L	0.0077521	0.97%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2030.5	1.00830	mg/L	0.013912	1.00830	mg/L	0.013912	1.38%
QC value within limits for Thallium Recovery = 100.83%								
Tint	255.3	-0.0042585	mg/L	0.00120783	-0.0042585	mg/L	0.00120783	28.36%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2486.5	0.0030624	mg/L	0.00003518	0.0030624	mg/L	0.00003518	1.15%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	91273.4	0.520127	mg/L	0.0039592	0.520127	mg/L	0.0039592	0.76%
QC value within limits for Vanadium Recovery = 104.03%								
Zinct	27347.4	1.00558	mg/L	0.002232	1.00558	mg/L	0.002232	0.22%
QC value within limits for Zinc Recovery = 100.56%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 11
Sample ID: 45760-001 2D
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 150
Date Collected: 7/20/2009 11:18:28 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45760-001 2D

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1052697.1	93.9	%	1.35				1.44%
Yittrium	447969.7	94.8	%	1.17				1.23%
Aluminumt	828.7	0.0271389	mg/L	0.00130485	0.0271389	mg/L	0.00130485	4.81%
Antimonyt	19.4	0.0065883	mg/L	0.00044756	0.0065883	mg/L	0.00044756	6.79%
Arsenict	4.3	0.0030770	mg/L	0.00051270	0.0030770	mg/L	0.00051270	16.66%
Bariumt	77928.4	0.514567	mg/L	0.0204087	0.514567	mg/L	0.0204087	3.97%
Berylliumt	-3362.4	-0.0009732	mg/L	0.00004843	-0.0009732	mg/L	0.00004843	4.98%
Cadmiumt	-9.4	-0.0001683	mg/L	0.00000963	-0.0001683	mg/L	0.00000963	5.72%
Calciumt	Saturated3							
Chromiumt	420.7	0.0046051	mg/L	0.00031081	0.0046051	mg/L	0.00031081	6.75%
Cobaltt	72.1	0.0016069	mg/L	0.00020664	0.0016069	mg/L	0.00020664	12.86%
Coppert	2346.4	0.0192805	mg/L	0.00102728	0.0192805	mg/L	0.00102728	5.33%
Iront	1080.0	0.0644586	mg/L	0.00251345	0.0644586	mg/L	0.00251345	3.90%
Leadt	-498.3	-0.0350412	mg/L	0.00057515	-0.0350412	mg/L	0.00057515	1.64%
Magnesiumt	52255.8	2.87867	mg/L	0.088041	2.87867	mg/L	0.088041	3.06%
Manganeset	298952.4	0.594682	mg/L	0.0233308	0.594682	mg/L	0.0233308	3.92%
Molybdenumt	528.9	0.0257870	mg/L	0.00052026	0.0257870	mg/L	0.00052026	2.02%
Nickelt	567.8	0.0099641	mg/L	0.00008767	0.0099641	mg/L	0.00008767	0.88%
Potassiumt	3465.9						2005.63	57.87%
Seleniumt	-36.4	-0.0193846	mg/L	0.00237335	-0.0193846	mg/L	0.00237335	12.24%
Silvert	463.4	0.0022264	mg/L	0.00007178	0.0022264	mg/L	0.00007178	3.22%
Sodiumt	15110.5	13.8121	mg/L	0.39938	13.8121	mg/L	0.39938	2.89%
Thalliumt	-13.2	-0.0055231	mg/L	0.00016951	-0.0055231	mg/L	0.00016951	3.07%
Tint	401.2	0.0784049	mg/L	0.00009957	0.0784049	mg/L	0.00009957	0.13%
Titaniumt	3725.1	0.0045879	mg/L	0.00017320	0.0045879	mg/L	0.00017320	3.78%
Vanadiumt	603.9	0.0036441	mg/L	0.00016339	0.0036441	mg/L	0.00016339	4.48%
Zinct	2633.3	0.0947557	mg/L	0.00136639	0.0947557	mg/L	0.00136639	1.44%

Sequence No.: 12
Sample ID: 45760-001 TCLP SPK 2D
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 151
Date Collected: 7/20/2009 11:23:03 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45760-001 TCLP SPK 2D

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1048966.6	93.6	%	1.28				1.36%
Yittrium	445451.7	94.2	%	1.23				1.30%
Aluminumt	74437.6	2.46951	mg/L	0.085984	2.46951	mg/L	0.085984	3.48%
Antimonyt	772.9	0.262418	mg/L	0.0041993	0.262418	mg/L	0.0041993	1.60%
Arsenict	352.6	0.260541	mg/L	0.0047051	0.260541	mg/L	0.0047051	1.81%
Bariumt	810426.0	5.35124	mg/L	0.190993	5.35124	mg/L	0.190993	3.57%
Berylliumt	826902.8	0.238348	mg/L	0.0084931	0.238348	mg/L	0.0084931	3.56%
Cadmiumt	14359.6	0.253700	mg/L	0.0039516	0.253700	mg/L	0.0039516	1.56%
Calciumt	Saturated3							
Chromiumt	23659.6	0.249743	mg/L	0.0036675	0.249743	mg/L	0.0036675	1.47%
Cobaltt	11924.6	0.248633	mg/L	0.0037479	0.248633	mg/L	0.0037479	1.51%
Coppert	33214.3	0.272926	mg/L	0.0105310	0.272926	mg/L	0.0105310	3.86%
Iront	41148.6	2.45596	mg/L	0.101607	2.45596	mg/L	0.101607	4.14%
Leadt	69777.3	4.91101	mg/L	0.170875	4.91101	mg/L	0.170875	3.48%
Magnesiumt	496773.8	27.3663	mg/L	0.92159	27.3663	mg/L	0.92159	3.37%
Manganeset	425084.9	0.845587	mg/L	0.0299661	0.845587	mg/L	0.0299661	3.54%
Molybdenumt	5203.3	0.263833	mg/L	0.0130872	0.263833	mg/L	0.0130872	4.96%
Nickelt	14579.1	0.255545	mg/L	0.0040911	0.255545	mg/L	0.0040911	1.60%
Potassiumt	9387.0						1839.06	19.59%
Seleniumt	443.5	0.236646	mg/L	0.0088492	0.236646	mg/L	0.0088492	3.74%
Silvert	10301.8	0.0495926	mg/L	0.00175875	0.0495926	mg/L	0.00175875	3.55%
Sodiumt	43301.0	39.6553	mg/L	1.32964	39.6553	mg/L	1.32964	3.35%
Thalliumt	489.0	0.240463	mg/L	0.0084026	0.240463	mg/L	0.0084026	3.49%
Tint	1599.8	0.312941	mg/L	0.0048246	0.312941	mg/L	0.0048246	1.54%
Titaniumt	204436.7	0.251788	mg/L	0.0096448	0.251788	mg/L	0.0096448	3.83%
Vanadiumt	41456.3	0.249164	mg/L	0.0094005	0.249164	mg/L	0.0094005	3.77%
Zinct	9495.8	0.341937	mg/L	0.0031152	0.341937	mg/L	0.0031152	0.91%

Sequence No.: 13
Sample ID: 45760-001 4D
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 152
Date Collected: 7/20/2009 11:27:38 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45760-001 4D

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1068207.1	95.3	%	0.15				0.16%
Yittrium	448902.4	95.0	%	0.08				0.09%
Aluminumt	153.4	0.0047096	mg/L	0.00369559	0.0047096	mg/L	0.00369559	78.47%
Antimonyt	11.1	0.0037587	mg/L	0.00153426	0.0037587	mg/L	0.00153426	40.82%
Arsenict	-2.9	-0.0022242	mg/L	0.00253744	-0.0022242	mg/L	0.00253744	114.08%
Bariumt	39909.1	0.263523	mg/L	0.0025670	0.263523	mg/L	0.0025670	0.97%
Berylliumt	-1843.4	-0.0005330	mg/L	0.00000742	-0.0005330	mg/L	0.00000742	1.39%
Cadmiumt	-21.8	-0.0003851	mg/L	0.00000799	-0.0003851	mg/L	0.00000799	2.07%
Calciumt	58607920.1	460.844	mg/L	7.5174	460.844	mg/L	7.5174	1.63%
Chromiumt	126.9	0.0015241	mg/L	0.00013208	0.0015241	mg/L	0.00013208	8.67%
Cobaltt	28.5	0.0007037	mg/L	0.00004816	0.0007037	mg/L	0.00004816	6.84%
Coppert	1176.2	0.0096652	mg/L	0.00117303	0.0096652	mg/L	0.00117303	12.14%
Iront	376.9	0.0224947	mg/L	0.00154043	0.0224947	mg/L	0.00154043	6.85%
Leadt	-371.6	-0.0003566	mg/L	0.00012420	-0.0003566	mg/L	0.00012420	34.83%
Magnesiumt	26787.0	1.47564	mg/L	0.016768	1.47564	mg/L	0.016768	1.14%
Manganeset	152560.4	0.303476	mg/L	0.0023978	0.303476	mg/L	0.0023978	0.79%
Molybdenumt	517.2	0.0028007	mg/L	0.00147484	0.0028007	mg/L	0.00147484	52.66%
Nickelt	247.6	0.0043560	mg/L	0.00013381	0.0043560	mg/L	0.00013381	3.07%
Potassiumt	2167.4						560.67	25.87%
Seleniumt	-42.1	-0.0002106	mg/L	0.00860078	-0.0002106	mg/L	0.00860078	>999.9%
Silvert	242.0	0.0011617	mg/L	0.00057113	0.0011617	mg/L	0.00057113	49.16%
Sodiumt	7455.0	6.81300	mg/L	0.010120	6.81300	mg/L	0.010120	0.15%
Thalliumt	-23.5	-0.0025304	mg/L	0.00041199	-0.0025304	mg/L	0.00041199	16.28%
Tint	341.3	-0.0025422	mg/L	0.00218166	-0.0025422	mg/L	0.00218166	85.82%
Titaniumt	1454.6	0.0017916	mg/L	0.00000978	0.0017916	mg/L	0.00000978	0.55%
Vanadiumt	463.6	0.0028498	mg/L	0.00004523	0.0028498	mg/L	0.00004523	1.59%
Zinct	1398.3	0.0456071	mg/L	0.00040336	0.0456071	mg/L	0.00040336	0.88%

Sequence No.: 14
Sample ID: 45760-001 TCLP SPK 4D
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 153
Date Collected: 7/20/2009 11:31:24 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45760-001 TCLP SPK 4D

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1057833.5	94.4	%	0.64				0.67%
Yittrium	444731.4	94.1	%	0.58				0.61%
Aluminumt	38284.6	1.26992	mg/L	0.011410	1.26992	mg/L	0.011410	0.90%
Antimonyt	398.2	0.135216	mg/L	0.0037856	0.135216	mg/L	0.0037856	2.80%
Arsenict	171.3	0.126541	mg/L	0.0030952	0.126541	mg/L	0.0030952	2.45%
Bariumt	418588.7	2.76394	mg/L	0.018482	2.76394	mg/L	0.018482	0.67%
Berylliumt	423637.5	0.122110	mg/L	0.0010929	0.122110	mg/L	0.0010929	0.90%
Cadmiumt	7189.6	0.127021	mg/L	0.0004569	0.127021	mg/L	0.0004569	0.36%
Calciumt	61114559.1	480.554	mg/L	1.5978	480.554	mg/L	1.5978	0.33%
Chromiumt	11998.4	0.126763	mg/L	0.0004009	0.126763	mg/L	0.0004009	0.32%
Cobaltt	6094.4	0.127132	mg/L	0.0003220	0.127132	mg/L	0.0003220	0.25%
Coppert	16838.8	0.138367	mg/L	0.0012825	0.138367	mg/L	0.0012825	0.93%
Iront	21335.1	1.27339	mg/L	0.007371	1.27339	mg/L	0.007371	0.58%
Leadt	35790.1	2.54582	mg/L	0.002966	2.54582	mg/L	0.002966	0.12%
Magnesiumt	256578.1	14.1344	mg/L	0.10725	14.1344	mg/L	0.10725	0.76%
Manganeset	218710.4	0.435063	mg/L	0.0036464	0.435063	mg/L	0.0036464	0.84%
Molybdenumt	2936.3	0.125035	mg/L	0.0039078	0.125035	mg/L	0.0039078	3.13%
Nickelt	7473.2	0.131002	mg/L	0.0000333	0.131002	mg/L	0.0000333	0.03%
Potassiumt	5076.6						1028.53	20.26%
Seleniumt	193.9	0.126639	mg/L	0.0025323	0.126639	mg/L	0.0025323	2.00%
Silvert	5189.0	0.0249834	mg/L	0.00153873	0.0249834	mg/L	0.00153873	6.16%
Sodiumt	21183.5	19.3992	mg/L	0.15722	19.3992	mg/L	0.15722	0.81%
Thalliumt	250.8	0.132068	mg/L	0.0030290	0.132068	mg/L	0.0030290	2.29%
Tint	957.3	0.115047	mg/L	0.0016965	0.115047	mg/L	0.0016965	1.47%
Titaniumt	104439.6	0.128630	mg/L	0.0012690	0.128630	mg/L	0.0012690	0.99%
Vanadiumt	21319.2	0.128191	mg/L	0.0012832	0.128191	mg/L	0.0012832	1.00%
Zinct	4899.6	0.171520	mg/L	0.0001850	0.171520	mg/L	0.0001850	0.11%

Sequence No.: 15
Sample ID: ICSA V-68333
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/20/2009 11:35:12 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	962244.9	85.9	%	0.66				0.77%
Yittrium	397441.8	84.1	%	0.59				0.70%
Aluminumt	15214171.3	505.538	mg/L	5.2258	505.538	mg/L	5.2258	1.03%
QC value within limits for Aluminum Recovery = 101.11%								
Antimonyt	100.3	0.0022009	mg/L	0.00379863	0.0022009	mg/L	0.00379863	172.59%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	55.8	0.0016919	mg/L	0.00202775	0.0016919	mg/L	0.00202775	119.85%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1477.0	-0.0025669	mg/L	0.00013777	-0.0025669	mg/L	0.00013777	5.37%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2565.6	-0.0007423	mg/L	0.00004493	-0.0007423	mg/L	0.00004493	6.05%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	237.3	-0.0008745	mg/L	0.00033116	-0.0008745	mg/L	0.00033116	37.87%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	62638088.6	492.534	mg/L	4.8448	492.534	mg/L	4.8448	0.98%
QC value within limits for Calcium Recovery = 98.51%								
Chromiumt	-257.5	-0.0025619	mg/L	0.00002245	-0.0025619	mg/L	0.00002245	0.88%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-189.5	-0.0038703	mg/L	0.00080333	-0.0038703	mg/L	0.00080333	20.76%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	17.3	0.0001418	mg/L	0.00081607	0.0001418	mg/L	0.00081607	575.47%
QC value within limits for Copper Recovery = Not calculated								
Iront	3323565.2	198.367	mg/L	1.1953	198.367	mg/L	1.1953	0.60%
QC value within limits for Iron Recovery = 99.18%								
Leadt	4068.5	0.0129947	mg/L	0.00211218	0.0129947	mg/L	0.00211218	16.25%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	9477313.2	522.087	mg/L	5.6823	522.087	mg/L	5.6823	1.09%
QC value within limits for Magnesium Recovery = 104.42%								
Manganeset	-3860.7	-0.0076797	mg/L	0.00010516	-0.0076797	mg/L	0.00010516	1.37%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	357.7	0.0041937	mg/L	0.00179752	0.0041937	mg/L	0.00179752	42.86%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-252.1	0.0023641	mg/L	0.00029774	0.0023641	mg/L	0.00029774	12.59%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	522423.9						6646.41	1.27%
Unable to evaluate QC.								
Seleniumt	-31.0	0.0032704	mg/L	0.01531726	0.0032704	mg/L	0.01531726	468.36%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-3946.4	0.0009424	mg/L	0.00005888	0.0009424	mg/L	0.00005888	6.25%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-69.0	-0.0486891	mg/L	0.10615978	-0.0486891	mg/L	0.10615978	218.04%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-81.0	-0.0149508	mg/L	0.00629144	-0.0149508	mg/L	0.00629144	42.08%
QC value within limits for Thallium Recovery = Not calculated								
Tint	245.2	-0.0049486	mg/L	0.00228061	-0.0049486	mg/L	0.00228061	46.09%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2490.8	0.0030678	mg/L	0.00002300	0.0030678	mg/L	0.00002300	0.75%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	5381.1	0.0047900	mg/L	0.00155916	0.0047900	mg/L	0.00155916	32.55%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-1097.8	-0.0182204	mg/L	0.00032962	-0.0182204	mg/L	0.00032962	1.81%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 16
Sample ID: ICSAB V-68334
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/20/2009 11:40:29 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	954028.9	85.1	%	0.12				0.15%
Yittrium	393449.7	83.2	%	0.10				0.12%
Aluminumt	15700302.3	521.691	mg/L	6.9356	521.691	mg/L	6.9356	1.33%
QC value within limits for Aluminum Recovery = 104.34%								
Antimonyt	3283.9	1.07933	mg/L	0.005974	1.07933	mg/L	0.005974	0.55%
QC value within limits for Antimony Recovery = 107.93%								
Arsenict	1557.4	1.11452	mg/L	0.017891	1.11452	mg/L	0.017891	1.61%
QC value within limits for Arsenic Recovery = 111.45%								
Bariumt	84543.0	0.545536	mg/L	0.0013418	0.545536	mg/L	0.0013418	0.25%
QC value within limits for Barium Recovery = 109.11%								
Berylliumt	1843917.3	0.531893	mg/L	0.0024333	0.531893	mg/L	0.0024333	0.46%
QC value within limits for Beryllium Recovery = 106.38%								
Cadmiumt	62598.2	1.10101	mg/L	0.004073	1.10101	mg/L	0.004073	0.37%
QC value within limits for Cadmium Recovery = 110.10%								
Calciumt	64824244.2	509.724	mg/L	5.6059	509.724	mg/L	5.6059	1.10%
QC value within limits for Calcium Recovery = 101.94%								
Chromiumt	50371.9	0.527657	mg/L	0.0020178	0.527657	mg/L	0.0020178	0.38%
QC value within limits for Chromium Recovery = 105.53%								
Cobaltt	24673.3	0.513285	mg/L	0.0010665	0.513285	mg/L	0.0010665	0.21%
QC value within limits for Cobalt Recovery = 102.66%								
Coppert	68318.8	0.561384	mg/L	0.0017773	0.561384	mg/L	0.0017773	0.32%
QC value within limits for Copper Recovery = 112.28%								
Iront	3426254.7	204.496	mg/L	1.3949	204.496	mg/L	1.3949	0.68%
QC value within limits for Iron Recovery = 102.25%								
Leadt	19163.2	1.06694	mg/L	0.003251	1.06694	mg/L	0.003251	0.30%
QC value within limits for Lead Recovery = 106.69%								
Magnesiumt	9858597.1	543.091	mg/L	5.9240	543.091	mg/L	5.9240	1.09%
QC value within limits for Magnesium Recovery = 108.62%								
Manganeset	260917.8	0.519023	mg/L	0.0027257	0.519023	mg/L	0.0027257	0.53%
QC value within limits for Manganese Recovery = 103.80%								
Molybdenumt	327.7	-0.0159645	mg/L	0.00075211	-0.0159645	mg/L	0.00075211	4.71%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	57308.8	1.01038	mg/L	0.002665	1.01038	mg/L	0.002665	0.26%
QC value within limits for Nickel Recovery = 101.04%								
Potassiumt	542472.9						4429.81	0.82%
Unable to evaluate QC.								
Seleniumt	2066.5	1.12235	mg/L	0.014263	1.12235	mg/L	0.014263	1.27%
QC value within limits for Selenium Recovery = 112.24%								
Silvert	230462.4	1.12440	mg/L	0.001953	1.12440	mg/L	0.001953	0.17%
QC value within limits for Silver Recovery = 112.44%								
Sodiumt	1216.2	0.774025	mg/L	0.0912340	0.774025	mg/L	0.0912340	11.79%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2078.5	1.03175	mg/L	0.013287	1.03175	mg/L	0.013287	1.29%
QC value within limits for Thallium Recovery = 103.18%								
Tint	254.2	-0.0051299	mg/L	0.00170235	-0.0051299	mg/L	0.00170235	33.19%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2544.1	0.0031333	mg/L	0.00006130	0.0031333	mg/L	0.00006130	1.96%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	91628.3	0.521902	mg/L	0.0039149	0.521902	mg/L	0.0039149	0.75%
QC value within limits for Vanadium Recovery = 104.38%								
Zinct	28233.7	1.03762	mg/L	0.005213	1.03762	mg/L	0.005213	0.50%
QC value within limits for Zinc Recovery = 103.76%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 17
Sample ID: CCV V-68336
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/20/2009 11:45:16 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1075216.8	95.9	%	0.99				1.03%
Yittrium	440068.8	93.1	%	0.07				0.07%
Aluminumt	154001.1	5.10979	mg/L	0.151349	5.10979	mg/L	0.151349	2.96%
QC value within limits for Aluminum Recovery = 102.20%								
Antimonyt	1496.1	0.507996	mg/L	0.0042034	0.507996	mg/L	0.0042034	0.83%
QC value within limits for Antimony Recovery = 101.60%								
Arsenict	686.7	0.507403	mg/L	0.0086079	0.507403	mg/L	0.0086079	1.70%
QC value within limits for Arsenic Recovery = 101.48%								
Bariumt	78221.6	0.516324	mg/L	0.0150748	0.516324	mg/L	0.0150748	2.92%
QC value within limits for Barium Recovery = 103.26%								
Berylliumt	1742233.3	0.502204	mg/L	0.0174511	0.502204	mg/L	0.0174511	3.47%
QC value within limits for Beryllium Recovery = 100.44%								
Cadmiumt	28735.4	0.507678	mg/L	0.0071637	0.507678	mg/L	0.0071637	1.41%
QC value within limits for Cadmium Recovery = 101.54%								
Calciumt	6472700.5	50.8959	mg/L	1.68864	50.8959	mg/L	1.68864	3.32%
QC value within limits for Calcium Recovery = 101.79%								
Chromiumt	48566.3	0.512322	mg/L	0.0151421	0.512322	mg/L	0.0151421	2.96%
QC value within limits for Chromium Recovery = 102.46%								
Cobaltt	24821.9	0.517368	mg/L	0.0072569	0.517368	mg/L	0.0072569	1.40%
QC value within limits for Cobalt Recovery = 103.47%								
Coppert	61370.4	0.504288	mg/L	0.0152376	0.504288	mg/L	0.0152376	3.02%
QC value within limits for Copper Recovery = 100.86%								
Iront	86518.2	5.16385	mg/L	0.181624	5.16385	mg/L	0.181624	3.52%
QC value within limits for Iron Recovery = 103.28%								
Leadt	7299.2	0.514404	mg/L	0.0056591	0.514404	mg/L	0.0056591	1.10%
QC value within limits for Lead Recovery = 102.88%								
Magnesiumt	926164.4	51.0206	mg/L	1.61840	51.0206	mg/L	1.61840	3.17%
QC value within limits for Magnesium Recovery = 102.04%								
Manganeset	257273.0	0.511772	mg/L	0.0146159	0.511772	mg/L	0.0146159	2.86%
QC value within limits for Manganese Recovery = 102.35%								
Molybdenumt	9812.5	0.497248	mg/L	0.0275832	0.497248	mg/L	0.0275832	5.55%
QC value within limits for Molybdenum Recovery = 99.45%								
Nickelt	29538.1	0.517726	mg/L	0.0075850	0.517726	mg/L	0.0075850	1.47%
QC value within limits for Nickel Recovery = 103.55%								
Potassiumt	16390.9						2049.63	12.50%
Unable to evaluate QC.								
Seleniumt	958.1	0.513608	mg/L	0.0160322	0.513608	mg/L	0.0160322	3.12%
QC value within limits for Selenium Recovery = 102.72%								
Silvert	20605.1	0.0992172	mg/L	0.00322790	0.0992172	mg/L	0.00322790	3.25%
QC value within limits for Silver Recovery = 99.22%								
Sodiumt	52698.6	48.3106	mg/L	1.17089	48.3106	mg/L	1.17089	2.42%
QC value within limits for Sodium Recovery = 96.62%								
Thalliumt	1059.0	0.519395	mg/L	0.0110182	0.519395	mg/L	0.0110182	2.12%
QC value within limits for Thallium Recovery = 103.88%								
Tint	2638.3	0.508593	mg/L	0.0062691	0.508593	mg/L	0.0062691	1.23%
QC value within limits for Tin Recovery = 101.72%								
Titaniumt	408531.9	0.503156	mg/L	0.0154717	0.503156	mg/L	0.0154717	3.07%
QC value within limits for Titanium Recovery = 100.63%								
Vanadiumt	85109.4	0.511508	mg/L	0.0152828	0.511508	mg/L	0.0152828	2.99%
QC value within limits for Vanadium Recovery = 102.30%								
Zinct	14242.5	0.512478	mg/L	0.0052619	0.512478	mg/L	0.0052619	1.03%
QC value within limits for Zinc Recovery = 102.50%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 18
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/20/2009 11:50:00 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1123252.6	100	%	2.3				2.33%
Yittrium	472781.2	100	%	2.2				2.15%
Aluminumt	78.2	0.0025305	mg/L	0.00543948	0.0025305	mg/L	0.00543948	214.95%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	1.9	0.0006562	mg/L	0.00279428	0.0006562	mg/L	0.00279428	425.82%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	-1.8	-0.0013108	mg/L	0.00136061	-0.0013108	mg/L	0.00136061	103.80%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	-13.3	-0.0000881	mg/L	0.00015343	-0.0000881	mg/L	0.00015343	174.24%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	112.5	0.0000323	mg/L	0.00001940	0.0000323	mg/L	0.00001940	59.96%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	-34.8	-0.0006156	mg/L	0.00066755	-0.0006156	mg/L	0.00066755	108.44%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	1369.5	0.0107688	mg/L	0.00494918	0.0107688	mg/L	0.00494918	45.96%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	28.1	0.0003291	mg/L	0.00065344	0.0003291	mg/L	0.00065344	198.58%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	1.3	0.0000465	mg/L	0.00048961	0.0000465	mg/L	0.00048961	>999.9%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-58.9	-0.0004838	mg/L	0.00037497	-0.0004838	mg/L	0.00037497	77.51%
QC value within limits for Copper Recovery = Not calculated								
Iront	14.3	0.0008538	mg/L	0.00726549	0.0008538	mg/L	0.00726549	850.95%
QC value within limits for Iron Recovery = Not calculated								
Leadt	-5.6	-0.0003838	mg/L	0.00169895	-0.0003838	mg/L	0.00169895	442.69%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	-26.3	-0.0014475	mg/L	0.01150663	-0.0014475	mg/L	0.01150663	794.94%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	-39.5	-0.0000786	mg/L	0.00014746	-0.0000786	mg/L	0.00014746	187.67%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	91.7	0.0047847	mg/L	0.00082714	0.0047847	mg/L	0.00082714	17.29%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-7.6	-0.0001298	mg/L	0.00032271	-0.0001298	mg/L	0.00032271	248.71%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	660.6						1994.79	301.98%
Unable to evaluate QC.								
Seleniumt	-5.4	-0.0028555	mg/L	0.00042655	-0.0028555	mg/L	0.00042655	14.94%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-91.2	-0.0004370	mg/L	0.00017741	-0.0004370	mg/L	0.00017741	40.60%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-21.8	-0.0191989	mg/L	0.06431523	-0.0191989	mg/L	0.06431523	334.99%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-9.2	-0.0044651	mg/L	0.00049958	-0.0044651	mg/L	0.00049958	11.19%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-6.2	-0.0012175	mg/L	0.00071339	-0.0012175	mg/L	0.00071339	58.60%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	134.1	0.0001652	mg/L	0.00005481	0.0001652	mg/L	0.00005481	33.18%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	28.5	0.0001924	mg/L	0.00004321	0.0001924	mg/L	0.00004321	22.46%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-56.5	-0.0020330	mg/L	0.00111434	-0.0020330	mg/L	0.00111434	54.81%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 19
Sample ID: MB 10390 (100)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 7/20/2009 11:53:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 10390 (100)

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1116982.9	99.7	%	0.25				0.25%
Yittrium	464994.0	98.4	%	0.10				0.10%
Aluminumt	122.8	0.0040396	mg/L	0.00100320	0.0040396	mg/L	0.00100320	24.83%
Antimonyt	8.5	0.0028576	mg/L	0.00042486	0.0028576	mg/L	0.00042486	14.87%
Arsenict	-0.2	-0.0001466	mg/L	0.00011795	-0.0001466	mg/L	0.00011795	80.45%
Bariumt	37.4	0.0002360	mg/L	0.00004794	0.0002360	mg/L	0.00004794	20.31%
Berylliumt	-59.5	-0.0000203	mg/L	0.00002854	-0.0000203	mg/L	0.00002854	140.45%
Cadmiumt	-37.0	-0.0006695	mg/L	0.00015375	-0.0006695	mg/L	0.00015375	22.96%
Calciumt	10046.0	0.0789932	mg/L	0.00223202	0.0789932	mg/L	0.00223202	2.83%
Chromiumt	78.2	0.0008394	mg/L	0.00009421	0.0008394	mg/L	0.00009421	11.22%
Cobaltt	18.1	0.0003781	mg/L	0.00052539	0.0003781	mg/L	0.00052539	138.94%
Coppert	100.0	0.0008216	mg/L	0.00004294	0.0008216	mg/L	0.00004294	5.23%
Iront	9862.8	0.588662	mg/L	0.0212338	0.588662	mg/L	0.0212338	3.61%
Leadt	13.3	0.0009280	mg/L	0.00036575	0.0009280	mg/L	0.00036575	39.41%
Magnesiumt	-318.8	-0.0175634	mg/L	0.00196799	-0.0175634	mg/L	0.00196799	11.21%
Manganeset	1387.1	0.0027593	mg/L	0.00006976	0.0027593	mg/L	0.00006976	2.53%
Molybdenumt	54.9	0.0028566	mg/L	0.00066210	0.0028566	mg/L	0.00066210	23.18%
Nickelt	-13.6	-0.0002161	mg/L	0.00019925	-0.0002161	mg/L	0.00019925	92.18%
Potassiumt	2773.1						64.92	2.34%
Seleniumt	-2.4	-0.0012808	mg/L	0.00909497	-0.0012808	mg/L	0.00909497	710.10%
Silvert	-81.8	-0.0003330	mg/L	0.00080740	-0.0003330	mg/L	0.00080740	242.46%
Sodiumt	294.4	0.271839	mg/L	0.0959467	0.271839	mg/L	0.0959467	35.30%
Thalliumt	-9.6	-0.0045576	mg/L	0.00162280	-0.0045576	mg/L	0.00162280	35.61%
Tint	32.7	0.0064582	mg/L	0.00005325	0.0064582	mg/L	0.00005325	0.82%
Titaniumt	3595.0	0.0044276	mg/L	0.00044769	0.0044276	mg/L	0.00044769	10.11%
Vanadiumt	-26.5	-0.0001732	mg/L	0.00002001	-0.0001732	mg/L	0.00002001	11.55%
Zinct	-29.1	-0.0010630	mg/L	0.00019651	-0.0010630	mg/L	0.00019651	18.49%

Sequence No.: 20
Sample ID: LCS 100
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 7/20/2009 11:56:30 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS 100

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1103992.3	98.5	%	0.36				0.36%
Yittrium	562138.3	119	%	0.6				0.51%
Aluminumt	2559126.6	85.0233	mg/L	0.77727	85.0233	mg/L	0.77727	0.91%
Antimonyt	2781.7	0.941149	mg/L	0.0043735	0.941149	mg/L	0.0043735	0.46%
Arsenict	1975.0	1.45220	mg/L	0.012067	1.45220	mg/L	0.012067	0.83%
Bariumt	499855.8	3.29611	mg/L	0.032576	3.29611	mg/L	0.032576	0.99%
Berylliumt	3335992.5	0.959496	mg/L	0.0195567	0.959496	mg/L	0.0195567	2.04%
Cadmiumt	95928.5	1.69094	mg/L	0.014798	1.69094	mg/L	0.014798	0.88%
Calciumt	11159768.5	87.7511	mg/L	1.85842	87.7511	mg/L	1.85842	2.12%
Chromiumt	78548.4	0.828449	mg/L	0.0082933	0.828449	mg/L	0.0082933	1.00%
Cobaltt	128795.0	2.67376	mg/L	0.022091	2.67376	mg/L	0.022091	0.83%
Coppert	146836.5	1.20657	mg/L	0.011461	1.20657	mg/L	0.011461	0.95%
Iront	2821209.9	168.384	mg/L	1.5781	168.384	mg/L	1.5781	0.94%
Leadt	23957.4	1.63777	mg/L	0.013714	1.63777	mg/L	0.013714	0.84%
Magnesiumt	838839.7	46.2100	mg/L	0.37685	46.2100	mg/L	0.37685	0.82%
Manganeset	2877146.3	5.72327	mg/L	0.045615	5.72327	mg/L	0.045615	0.80%
Molybdenumt	15464.7	0.736417	mg/L	0.0194634	0.736417	mg/L	0.0194634	2.64%
Nickelt	53317.5	0.939854	mg/L	0.0084331	0.939854	mg/L	0.0084331	0.90%
Potassiumt	399259.1						2626.13	0.66%
Seleniumt	2588.9	1.38028	mg/L	0.001489	1.38028	mg/L	0.001489	0.11%
Silvert	122076.3	0.601605	mg/L	0.0043084	0.601605	mg/L	0.0043084	0.72%
Sodiumt	9231.6	8.85921	mg/L	0.036381	8.85921	mg/L	0.036381	0.41%
Thalliumt	5326.3	2.62935	mg/L	0.015698	2.62935	mg/L	0.015698	0.60%
Tint	5764.8	1.13630	mg/L	0.004319	1.13630	mg/L	0.004319	0.38%
Titaniumt	3186777.5	3.92490	mg/L	0.044446	3.92490	mg/L	0.044446	1.13%
Vanadiumt	292847.0	1.75338	mg/L	0.020053	1.75338	mg/L	0.020053	1.14%
Zinct	101033.3	3.63425	mg/L	0.041490	3.63425	mg/L	0.041490	1.14%

Sequence No.: 21
Sample ID: LCS 100 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 7/20/2009 12:01:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS 100 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1129734.4	101	%	2.5				2.49%
Yittrium	567925.1	120	%	2.2				1.81%
Aluminumt	2578091.0	85.6535	mg/L	3.31648	85.6535	mg/L	3.31648	3.87%
Antimonyt	2815.0	0.952749	mg/L	0.0312708	0.952749	mg/L	0.0312708	3.28%
Arsenict	1978.6	1.45459	mg/L	0.044633	1.45459	mg/L	0.044633	3.07%
Bariumt	496096.8	3.27123	mg/L	0.116351	3.27123	mg/L	0.116351	3.56%
Berylliumt	3306806.1	0.950969	mg/L	0.0459445	0.950969	mg/L	0.0459445	4.83%
Cadmiumt	96262.7	1.69677	mg/L	0.058299	1.69677	mg/L	0.058299	3.44%
Calciumt	11402751.0	89.6617	mg/L	4.22401	89.6617	mg/L	4.22401	4.71%
Chromiumt	76468.9	0.806655	mg/L	0.0275199	0.806655	mg/L	0.0275199	3.41%
Cobaltt	127205.1	2.64035	mg/L	0.090222	2.64035	mg/L	0.090222	3.42%
Coppert	147074.3	1.20853	mg/L	0.044702	1.20853	mg/L	0.044702	3.70%
Iront	2871048.8	171.359	mg/L	6.2892	171.359	mg/L	6.2892	3.67%
Leadt	23360.7	1.59536	mg/L	0.052904	1.59536	mg/L	0.052904	3.32%
Magnesiumt	843801.1	46.4833	mg/L	1.43904	46.4833	mg/L	1.43904	3.10%
Manganeset	2922578.3	5.81365	mg/L	0.204785	5.81365	mg/L	0.204785	3.52%
Molybdenumt	15423.8	0.734721	mg/L	0.0493184	0.734721	mg/L	0.0493184	6.71%
Nickelt	52806.5	0.931008	mg/L	0.0306939	0.931008	mg/L	0.0306939	3.30%
Potassiumt	399730.2						16421.48	4.11%
Seleniumt	2599.5	1.38594	mg/L	0.062567	1.38594	mg/L	0.062567	4.51%
Silvert	123928.5	0.610775	mg/L	0.0219297	0.610775	mg/L	0.0219297	3.59%
Sodiumt	9159.2	8.86535	mg/L	0.416927	8.86535	mg/L	0.416927	4.70%
Thalliumt	5284.7	2.61078	mg/L	0.091255	2.61078	mg/L	0.091255	3.50%
Tint	5678.5	1.11957	mg/L	0.039735	1.11957	mg/L	0.039735	3.55%
Titaniumt	3309437.4	4.07597	mg/L	0.160378	4.07597	mg/L	0.160378	3.93%
Vanadiumt	294253.3	1.76168	mg/L	0.063346	1.76168	mg/L	0.063346	3.60%
Zinct	100207.4	3.60448	mg/L	0.112476	3.60448	mg/L	0.112476	3.12%

Sequence No.: 22
Sample ID: 45774-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 7/20/2009 12:06:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-005

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1119692.6	99.9	%	0.54				0.54%
Yittrium	486151.1	103	%	0.4				0.41%
Aluminumt	409548.7	13.6084	mg/L	0.37173	13.6084	mg/L	0.37173	2.73%
Antimonyt	8.1	0.0018877	mg/L	0.00473131	0.0018877	mg/L	0.00473131	250.64%
Arsenict	13.2	0.0077417	mg/L	0.00085864	0.0077417	mg/L	0.00085864	11.09%
Bariumt	9347.6	0.0607791	mg/L	0.00086598	0.0607791	mg/L	0.00086598	1.42%
Berylliumt	3626.4	0.0005491	mg/L	0.00000001	0.0005491	mg/L	0.00000001	0.00%
Cadmiumt	21.7	-0.0006279	mg/L	0.00006652	-0.0006279	mg/L	0.00006652	10.59%
Calciumt	62276.2	0.489688	mg/L	0.0118559	0.489688	mg/L	0.0118559	2.42%
Chromiumt	4367.4	0.0458134	mg/L	0.00144089	0.0458134	mg/L	0.00144089	3.15%
Cobaltt	535.6	0.0096458	mg/L	0.00042974	0.0096458	mg/L	0.00042974	4.46%
Coppert	2113.6	0.0173679	mg/L	0.00036815	0.0173679	mg/L	0.00036815	2.12%
Iront	663200.9	39.5832	mg/L	1.09085	39.5832	mg/L	1.09085	2.76%
Leadt	277.0	0.0103601	mg/L	0.00072822	0.0103601	mg/L	0.00072822	7.03%
Magnesiumt	42498.3	2.34115	mg/L	0.057749	2.34115	mg/L	0.057749	2.47%
Manganeset	132619.0	0.263808	mg/L	0.0062692	0.263808	mg/L	0.0062692	2.38%
Molybdenumt	198.8	0.0093753	mg/L	0.00094221	0.0093753	mg/L	0.00094221	10.05%
Nickelt	2672.8	0.0481547	mg/L	0.00106327	0.0481547	mg/L	0.00106327	2.21%
Potassiumt	87965.5						2011.34	2.29%
Seleniumt	-2.4	-0.0023320	mg/L	0.00864865	-0.0023320	mg/L	0.00864865	370.86%
Silvert	-946.5	-0.0005738	mg/L	0.00086796	-0.0005738	mg/L	0.00086796	151.26%
Sodiumt	120.3	0.375342	mg/L	0.0095809	0.375342	mg/L	0.0095809	2.55%
Thalliumt	-12.1	0.0021385	mg/L	0.00097494	0.0021385	mg/L	0.00097494	45.59%
Tint	6.2	0.0066245	mg/L	0.00066165	0.0066245	mg/L	0.00066165	9.99%
Titaniumt	565129.1	0.696024	mg/L	0.0188625	0.696024	mg/L	0.0188625	2.71%
Vanadiumt	4225.6	0.0235060	mg/L	0.00010888	0.0235060	mg/L	0.00010888	0.46%
Zinct	1889.1	0.0677041	mg/L	0.00086229	0.0677041	mg/L	0.00086229	1.27%

Sequence No.: 23
Sample ID: 45774-005 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 7/20/2009 12:09:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-005 MR

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1119256.2	99.9	%	0.37				0.37%
Yittrium	482619.5	102	%	0.3				0.30%
Aluminumt	437495.8	14.5371	mg/L	0.44592	14.5371	mg/L	0.44592	3.07%
Antimonyt	7.0	0.0027162	mg/L	0.00184962	0.0027162	mg/L	0.00184962	68.10%
Arsenict	8.7	0.0043089	mg/L	0.00031347	0.0043089	mg/L	0.00031347	7.27%
Bariumt	22125.3	0.145410	mg/L	0.0042548	0.145410	mg/L	0.0042548	2.93%
Berylliumt	3717.0	0.0005655	mg/L	0.00003810	0.0005655	mg/L	0.00003810	6.74%
Cadmiumt	-0.2	-0.0006221	mg/L	0.00023782	-0.0006221	mg/L	0.00023782	38.23%
Calciumt	53293.6	0.419057	mg/L	0.0115755	0.419057	mg/L	0.0115755	2.76%
Chromiumt	2655.0	0.0278419	mg/L	0.00092148	0.0278419	mg/L	0.00092148	3.31%
Cobaltt	517.4	0.0092156	mg/L	0.00003655	0.0092156	mg/L	0.00003655	0.40%
Coppert	1330.3	0.0109314	mg/L	0.00108399	0.0109314	mg/L	0.00108399	9.92%
Iront	405520.8	24.2036	mg/L	0.84327	24.2036	mg/L	0.84327	3.48%
Leadt	266.6	0.0094088	mg/L	0.00052974	0.0094088	mg/L	0.00052974	5.63%
Magnesiumt	45333.8	2.49735	mg/L	0.085517	2.49735	mg/L	0.085517	3.42%
Manganeset	128354.0	0.255324	mg/L	0.0080128	0.255324	mg/L	0.0080128	3.14%
Molybdenumt	96.9	0.0041526	mg/L	0.00113386	0.0041526	mg/L	0.00113386	27.31%
Nickelt	2615.9	0.0466303	mg/L	0.00035950	0.0466303	mg/L	0.00035950	0.77%
Potassiumt	53094.2						1882.40	3.55%
Seleniumt	-16.6	-0.0095122	mg/L	0.00492884	-0.0095122	mg/L	0.00492884	51.82%
Silvert	-634.1	-0.0006157	mg/L	0.00036807	-0.0006157	mg/L	0.00036807	59.78%
Sodiumt	44.8	0.312587	mg/L	0.0105146	0.312587	mg/L	0.0105146	3.36%
Thalliumt	-22.4	-0.0033182	mg/L	0.00277877	-0.0033182	mg/L	0.00277877	83.74%
Tint	10.9	0.0053254	mg/L	0.00144075	0.0053254	mg/L	0.00144075	27.05%
Titaniumt	576159.2	0.709609	mg/L	0.0237631	0.709609	mg/L	0.0237631	3.35%
Vanadiumt	3899.7	0.0222354	mg/L	0.00061777	0.0222354	mg/L	0.00061777	2.78%
Zinct	1829.1	0.0659721	mg/L	0.00019445	0.0659721	mg/L	0.00019445	0.29%

Sequence No.: 24
Sample ID: 45774-006 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 7/20/2009 12:12:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-006 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1075146.1	95.9	%	0.47				0.49%
Yittrium	464263.3	98.2	%	0.34				0.35%
Aluminumt	814477.2	27.0561	mg/L	0.03556	27.0561	mg/L	0.03556	0.13%
Antimonyt	1335.2	0.451841	mg/L	0.0008557	0.451841	mg/L	0.0008557	0.19%
Arsenict	710.2	0.521471	mg/L	0.0016234	0.521471	mg/L	0.0016234	0.31%
Bariumt	92209.5	0.607056	mg/L	0.0006049	0.607056	mg/L	0.0006049	0.10%
Berylliumt	1671911.0	0.481084	mg/L	0.0061752	0.481084	mg/L	0.0061752	1.28%
Cadmiumt	27095.9	0.476920	mg/L	0.0001306	0.476920	mg/L	0.0001306	0.03%
Calciumt	6331127.5	49.7827	mg/L	0.63561	49.7827	mg/L	0.63561	1.28%
Chromiumt	51203.5	0.539957	mg/L	0.0004391	0.539957	mg/L	0.0004391	0.08%
Cobaltt	25243.3	0.523560	mg/L	0.0001160	0.523560	mg/L	0.0001160	0.02%
Coppert	63530.9	0.522041	mg/L	0.0000216	0.522041	mg/L	0.0000216	0.00%
Iront	1257489.2	75.0534	mg/L	1.20513	75.0534	mg/L	1.20513	1.61%
Leadt	7254.6	0.496239	mg/L	0.0017417	0.496239	mg/L	0.0017417	0.35%
Magnesiumt	950602.4	52.3668	mg/L	0.57976	52.3668	mg/L	0.57976	1.11%
Manganeset	627402.7	1.24804	mg/L	0.000675	1.24804	mg/L	0.000675	0.05%
Molybdenumt	9853.0	0.498578	mg/L	0.0150707	0.498578	mg/L	0.0150707	3.02%
Nickelt	31580.7	0.555874	mg/L	0.0006855	0.555874	mg/L	0.0006855	0.12%
Potassiumt	176608.3						1101.35	0.62%
Seleniumt	877.2	0.468500	mg/L	0.0037151	0.468500	mg/L	0.0037151	0.79%
Silvert	16793.5	0.0879516	mg/L	0.00033739	0.0879516	mg/L	0.00033739	0.38%
Sodiumt	49338.4	45.6918	mg/L	0.01952	45.6918	mg/L	0.01952	0.04%
Thalliumt	988.3	0.499105	mg/L	0.0024614	0.499105	mg/L	0.0024614	0.49%
Tint	2513.0	0.493994	mg/L	0.0010824	0.493994	mg/L	0.0010824	0.22%
Titaniumt	1357887.1	1.67240	mg/L	0.027226	1.67240	mg/L	0.027226	1.63%
Vanadiumt	89370.2	0.533814	mg/L	0.0006454	0.533814	mg/L	0.0006454	0.12%
Zinct	16264.7	0.584664	mg/L	0.0004651	0.584664	mg/L	0.0004651	0.08%

Sequence No.: 25
Sample ID: 45774-007 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 7/20/2009 12:17:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-007 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1058678.1	94.5	%	0.09				0.10%
Yittrium	459936.5	97.3	%	0.12				0.12%
Aluminumt	688373.6	22.8659	mg/L	0.32855	22.8659	mg/L	0.32855	1.44%
Antimonyt	1347.4	0.457955	mg/L	0.0046678	0.457955	mg/L	0.0046678	1.02%
Arsenict	654.2	0.480594	mg/L	0.0010772	0.480594	mg/L	0.0010772	0.22%
Bariumt	86476.5	0.569891	mg/L	0.0073385	0.569891	mg/L	0.0073385	1.29%
Berylliumt	1651329.7	0.475307	mg/L	0.0141372	0.475307	mg/L	0.0141372	2.97%
Cadmiumt	27090.6	0.477709	mg/L	0.0004712	0.477709	mg/L	0.0004712	0.10%
Calciumt	6191938.9	48.6882	mg/L	1.43649	48.6882	mg/L	1.43649	2.95%
Chromiumt	49191.9	0.518927	mg/L	0.0061819	0.518927	mg/L	0.0061819	1.19%
Cobaltt	24648.4	0.511699	mg/L	0.0008710	0.511699	mg/L	0.0008710	0.17%
Coppert	62389.4	0.512662	mg/L	0.0072480	0.512662	mg/L	0.0072480	1.41%
Iront	678811.9	40.5150	mg/L	0.58147	40.5150	mg/L	0.58147	1.44%
Leadt	7240.9	0.498548	mg/L	0.0013888	0.498548	mg/L	0.0013888	0.28%
Magnesiumt	953111.2	52.5050	mg/L	1.50105	52.5050	mg/L	1.50105	2.86%
Manganeset	460417.2	0.915871	mg/L	0.0106533	0.915871	mg/L	0.0106533	1.16%
Molybdenumt	9951.2	0.504043	mg/L	0.0165069	0.504043	mg/L	0.0165069	3.27%
Nickelt	31053.2	0.545464	mg/L	0.0007129	0.545464	mg/L	0.0007129	0.13%
Potassiumt	98952.5						1231.35	1.24%
Seleniumt	875.7	0.468551	mg/L	0.0127177	0.468551	mg/L	0.0127177	2.71%
Silvert	17479.4	0.0877815	mg/L	0.00073013	0.0877815	mg/L	0.00073013	0.83%
Sodiumt	49343.0	45.6116	mg/L	0.75527	45.6116	mg/L	0.75527	1.66%
Thalliumt	999.7	0.500820	mg/L	0.0048450	0.500820	mg/L	0.0048450	0.97%
Tint	2552.7	0.497016	mg/L	0.0016431	0.497016	mg/L	0.0016431	0.33%
Titaniumt	1176852.5	1.44943	mg/L	0.046152	1.44943	mg/L	0.046152	3.18%
Vanadiumt	87306.6	0.523042	mg/L	0.0074987	0.523042	mg/L	0.0074987	1.43%
Zinct	15617.8	0.562035	mg/L	0.0000516	0.562035	mg/L	0.0000516	0.01%

Sequence No.: 26
Sample ID: 45774-005 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 7/20/2009 12:22:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-005 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1072597.6	95.7	%	0.78				0.82%
Yittrium	456485.1	96.6	%	0.39				0.40%
Aluminumt	558441.9	18.5483	mg/L	0.38521	18.5483	mg/L	0.38521	2.08%
Antimonyt	1470.3	0.498401	mg/L	0.0072098	0.498401	mg/L	0.0072098	1.45%
Arsenict	681.2	0.501307	mg/L	0.0092126	0.501307	mg/L	0.0092126	1.84%
Bariumt	87520.5	0.576798	mg/L	0.0114115	0.576798	mg/L	0.0114115	1.98%
Berylliumt	1717122.6	0.494474	mg/L	0.0138346	0.494474	mg/L	0.0138346	2.80%
Cadmiumt	28016.4	0.493980	mg/L	0.0080701	0.493980	mg/L	0.0080701	1.63%
Calciumt	6395523.0	50.2890	mg/L	1.44499	50.2890	mg/L	1.44499	2.87%
Chromiumt	51762.1	0.545956	mg/L	0.0106307	0.545956	mg/L	0.0106307	1.95%
Cobaltt	25084.9	0.521430	mg/L	0.0080447	0.521430	mg/L	0.0080447	1.54%
Coppert	63942.2	0.525421	mg/L	0.0098029	0.525421	mg/L	0.0098029	1.87%
Iront	737109.0	43.9945	mg/L	1.00721	43.9945	mg/L	1.00721	2.29%
Leadt	7348.8	0.508852	mg/L	0.0064341	0.508852	mg/L	0.0064341	1.26%
Magnesiumt	953716.6	52.5384	mg/L	1.41991	52.5384	mg/L	1.41991	2.70%
Manganeset	380129.0	0.756160	mg/L	0.0144456	0.756160	mg/L	0.0144456	1.91%
Molybdenumt	10248.2	0.519064	mg/L	0.0255641	0.519064	mg/L	0.0255641	4.93%
Nickelt	31252.6	0.549086	mg/L	0.0081517	0.549086	mg/L	0.0081517	1.48%
Potassiumt	103674.3						2305.75	2.22%
Seleniumt	915.6	0.489830	mg/L	0.0077279	0.489830	mg/L	0.0077279	1.58%
Silvert	17250.3	0.0870323	mg/L	0.00124044	0.0870323	mg/L	0.00124044	1.43%
Sodiumt	51212.5	47.2105	mg/L	0.86630	47.2105	mg/L	0.86630	1.83%
Thalliumt	1048.4	0.522071	mg/L	0.0083464	0.522071	mg/L	0.0083464	1.60%
Tint	2606.3	0.507805	mg/L	0.0071090	0.507805	mg/L	0.0071090	1.40%
Titaniumt	961766.6	1.18453	mg/L	0.037415	1.18453	mg/L	0.037415	3.16%
Vanadiumt	87660.9	0.525075	mg/L	0.0114954	0.525075	mg/L	0.0114954	2.19%
Zinct	15950.6	0.573683	mg/L	0.0094373	0.573683	mg/L	0.0094373	1.65%

Sequence No.: 27
Sample ID: CCV V-68336
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/20/2009 12:27:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1075402.1	96.0	%	1.49				1.56%
Yittrium	438045.0	92.7	%	0.86				0.92%
Aluminumt	152431.7	5.05760	mg/L	0.122130	5.05760	mg/L	0.122130	2.41%
QC value within limits for Aluminum Recovery = 101.15%								
Antimonyt	1479.1	0.502255	mg/L	0.0121773	0.502255	mg/L	0.0121773	2.42%
QC value within limits for Antimony Recovery = 100.45%								
Arsenict	669.3	0.494566	mg/L	0.0004888	0.494566	mg/L	0.0004888	0.10%
QC value within limits for Arsenic Recovery = 98.91%								
Bariumt	77407.8	0.510953	mg/L	0.0102221	0.510953	mg/L	0.0102221	2.00%
QC value within limits for Barium Recovery = 102.19%								
Berylliumt	1732943.1	0.499527	mg/L	0.0153415	0.499527	mg/L	0.0153415	3.07%
QC value within limits for Beryllium Recovery = 99.91%								
Cadmiumt	28372.5	0.501267	mg/L	0.0092236	0.501267	mg/L	0.0092236	1.84%
QC value within limits for Cadmium Recovery = 100.25%								
Calciumt	6417569.2	50.4624	mg/L	1.58420	50.4624	mg/L	1.58420	3.14%
QC value within limits for Calcium Recovery = 100.92%								
Chromiumt	48167.9	0.508169	mg/L	0.0108818	0.508169	mg/L	0.0108818	2.14%
QC value within limits for Chromium Recovery = 101.63%								
Cobaltt	24478.5	0.510243	mg/L	0.0090524	0.510243	mg/L	0.0090524	1.77%
QC value within limits for Cobalt Recovery = 102.05%								
Coppert	60873.1	0.500202	mg/L	0.0108584	0.500202	mg/L	0.0108584	2.17%
QC value within limits for Copper Recovery = 100.04%								
Iront	85527.4	5.10472	mg/L	0.126931	5.10472	mg/L	0.126931	2.49%
QC value within limits for Iron Recovery = 102.09%								
Leadt	7187.9	0.506582	mg/L	0.0067144	0.506582	mg/L	0.0067144	1.33%
QC value within limits for Lead Recovery = 101.32%								
Magnesiumt	916725.0	50.5006	mg/L	1.40375	50.5006	mg/L	1.40375	2.78%
QC value within limits for Magnesium Recovery = 101.00%								
Manganeset	255099.0	0.507448	mg/L	0.0101530	0.507448	mg/L	0.0101530	2.00%
QC value within limits for Manganese Recovery = 101.49%								
Molybdenumt	9862.8	0.499993	mg/L	0.0287306	0.499993	mg/L	0.0287306	5.75%
QC value within limits for Molybdenum Recovery = 100.00%								
Nickelt	29091.3	0.509903	mg/L	0.0072668	0.509903	mg/L	0.0072668	1.43%
QC value within limits for Nickel Recovery = 101.98%								
Potassiumt	14090.6						1124.89	7.98%
Unable to evaluate QC.								
Seleniumt	944.1	0.506111	mg/L	0.0024646	0.506111	mg/L	0.0024646	0.49%
QC value within limits for Selenium Recovery = 101.22%								
Silvert	20460.9	0.0985206	mg/L	0.00242809	0.0985206	mg/L	0.00242809	2.46%
QC value within limits for Silver Recovery = 98.52%								
Sodiumt	52290.3	47.9377	mg/L	0.97981	47.9377	mg/L	0.97981	2.04%
QC value within limits for Sodium Recovery = 95.88%								
Thalliumt	1053.9	0.516903	mg/L	0.0086034	0.516903	mg/L	0.0086034	1.66%
QC value within limits for Thallium Recovery = 103.38%								
Tint	2589.2	0.499067	mg/L	0.0079999	0.499067	mg/L	0.0079999	1.60%
QC value within limits for Tin Recovery = 99.81%								
Titaniumt	406107.9	0.500170	mg/L	0.0118821	0.500170	mg/L	0.0118821	2.38%
QC value within limits for Titanium Recovery = 100.03%								
Vanadiumt	84266.1	0.506475	mg/L	0.0116173	0.506475	mg/L	0.0116173	2.29%
QC value within limits for Vanadium Recovery = 101.29%								
Zinct	14048.6	0.505500	mg/L	0.0079590	0.505500	mg/L	0.0079590	1.57%
QC value within limits for Zinc Recovery = 101.10%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 28
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/20/2009 12:32:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1125678.0	100	%	1.2				1.19%
Yittrium	474137.6	100	%	1.1				1.07%
Aluminumt	-12.2	-0.0004923	mg/L	0.00132068	-0.0004923	mg/L	0.00132068	268.27%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	0.5	0.0001672	mg/L	0.00285009	0.0001672	mg/L	0.00285009	>999.9%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	-1.5	-0.0011125	mg/L	0.00058647	-0.0011125	mg/L	0.00058647	52.71%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	27.5	0.0001815	mg/L	0.00010823	0.0001815	mg/L	0.00010823	59.62%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	275.0	0.0000791	mg/L	0.00000945	0.0000791	mg/L	0.00000945	11.95%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	-44.8	-0.0007917	mg/L	0.00004081	-0.0007917	mg/L	0.00004081	5.15%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	568.8	0.0044727	mg/L	0.00113670	0.0044727	mg/L	0.00113670	25.41%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	-32.8	-0.0003004	mg/L	0.00023268	-0.0003004	mg/L	0.00023268	77.45%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-6.9	-0.0001192	mg/L	0.00028064	-0.0001192	mg/L	0.00028064	235.46%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-11.4	-0.0000935	mg/L	0.00075026	-0.0000935	mg/L	0.00075026	802.62%
QC value within limits for Copper Recovery = Not calculated								
Iront	101.9	0.0060829	mg/L	0.00441947	0.0060829	mg/L	0.00441947	72.65%
QC value within limits for Iron Recovery = Not calculated								
Leadt	-2.6	-0.0001683	mg/L	0.00079563	-0.0001683	mg/L	0.00079563	472.82%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	372.1	0.0204980	mg/L	0.00921896	0.0204980	mg/L	0.00921896	44.97%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	67.4	0.0001341	mg/L	0.00011109	0.0001341	mg/L	0.00011109	82.83%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	115.6	0.0060091	mg/L	0.00021559	0.0060091	mg/L	0.00021559	3.59%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	8.5	0.0001542	mg/L	0.00048300	0.0001542	mg/L	0.00048300	313.15%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-1908.6						933.78	48.92%
Unable to evaluate QC.								
Seleniumt	-0.3	-0.0001602	mg/L	0.00430125	-0.0001602	mg/L	0.00430125	>999.9%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-26.0	-0.0001241	mg/L	0.00000747	-0.0001241	mg/L	0.00000747	6.02%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	45.2	0.0418962	mg/L	0.02391986	0.0418962	mg/L	0.02391986	57.09%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	0.5	0.0002557	mg/L	0.00410651	0.0002557	mg/L	0.00410651	>999.9%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-10.6	-0.0020723	mg/L	0.00102249	-0.0020723	mg/L	0.00102249	49.34%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	276.4	0.0003404	mg/L	0.00001206	0.0003404	mg/L	0.00001206	3.54%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	14.1	0.0001102	mg/L	0.00092499	0.0001102	mg/L	0.00092499	839.13%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-28.6	-0.0010287	mg/L	0.00031177	-0.0010287	mg/L	0.00031177	30.31%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 29
Sample ID: 45774-005 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 7/20/2009 12:35:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-005 SD

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1136012.8	101	%	1.2				1.19%
Yittrium	477263.1	101	%	1.1				1.08%
Aluminumt	80373.0	2.67060	mg/L	0.105804	2.67060	mg/L	0.105804	3.96%
Antimonyt	-1.2	-0.0005917	mg/L	0.00131817	-0.0005917	mg/L	0.00131817	222.79%
Arsenict	0.5	-0.0000243	mg/L	0.00253394	-0.0000243	mg/L	0.00253394	>999.9%
Bariumt	1840.0	0.0119637	mg/L	0.00031319	0.0119637	mg/L	0.00031319	2.62%
Berylliumt	818.3	0.0001391	mg/L	0.00000458	0.0001391	mg/L	0.00000458	3.29%
Cadmiumt	-34.2	-0.0008032	mg/L	0.00013959	-0.0008032	mg/L	0.00013959	17.38%
Calciumt	13620.1	0.107097	mg/L	0.0024291	0.107097	mg/L	0.0024291	2.27%
Chromiumt	872.9	0.0091637	mg/L	0.00048510	0.0091637	mg/L	0.00048510	5.29%
Cobaltt	97.2	0.0017344	mg/L	0.00013152	0.0017344	mg/L	0.00013152	7.58%
Coppert	277.9	0.0022838	mg/L	0.00026212	0.0022838	mg/L	0.00026212	11.48%
Iront	130626.5	7.79646	mg/L	0.321833	7.79646	mg/L	0.321833	4.13%
Leadt	50.6	0.0017686	mg/L	0.00096846	0.0017686	mg/L	0.00096846	54.76%
Magnesiumt	8478.5	0.467063	mg/L	0.0078345	0.467063	mg/L	0.0078345	1.68%
Manganeset	26109.6	0.0519376	mg/L	0.00170493	0.0519376	mg/L	0.00170493	3.28%
Molybdenumt	58.8	0.0028108	mg/L	0.00073513	0.0028108	mg/L	0.00073513	26.15%
Nickelt	505.7	0.0091222	mg/L	0.00014212	0.0091222	mg/L	0.00014212	1.56%
Potassiumt	15284.2						1494.11	9.78%
Seleniumt	-8.2	-0.0045569	mg/L	0.00194536	-0.0045569	mg/L	0.00194536	42.69%
Silvert	-194.7	-0.0001528	mg/L	0.00001143	-0.0001528	mg/L	0.00001143	7.48%
Sodiumt	57.9	0.103733	mg/L	0.0326559	0.103733	mg/L	0.0326559	31.48%
Thalliumt	-7.8	-0.0022272	mg/L	0.00311503	-0.0022272	mg/L	0.00311503	139.86%
Tint	0.8	0.0012292	mg/L	0.00056028	0.0012292	mg/L	0.00056028	45.58%
Titaniumt	110244.4	0.135779	mg/L	0.0048722	0.135779	mg/L	0.0048722	3.59%
Vanadiumt	711.9	0.0039110	mg/L	0.00018017	0.0039110	mg/L	0.00018017	4.61%
Zinct	455.6	0.0163401	mg/L	0.00025786	0.0163401	mg/L	0.00025786	1.58%

Sequence No.: 30
Sample ID: 45774-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 7/20/2009 12:38:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1121761.5	100	%	0.6				0.58%
Yittrium	480905.4	102	%	0.3				0.34%
Aluminumt	551117.4	18.3126	mg/L	0.51653	18.3126	mg/L	0.51653	2.82%
Antimonyt	5.4	0.0006240	mg/L	0.00100098	0.0006240	mg/L	0.00100098	160.40%
Arsenict	11.9	0.0068451	mg/L	0.00184973	0.0068451	mg/L	0.00184973	27.02%
Bariumt	8235.2	0.0534873	mg/L	0.00064962	0.0534873	mg/L	0.00064962	1.21%
Berylliumt	3970.9	0.0007961	mg/L	0.00004573	0.0007961	mg/L	0.00004573	5.74%
Cadmiumt	-16.3	-0.0011053	mg/L	0.00008579	-0.0011053	mg/L	0.00008579	7.76%
Calciumt	34003.2	0.267373	mg/L	0.0032146	0.267373	mg/L	0.0032146	1.20%
Chromiumt	2137.3	0.0224007	mg/L	0.00075971	0.0224007	mg/L	0.00075971	3.39%
Cobaltt	377.1	0.0067720	mg/L	0.00025440	0.0067720	mg/L	0.00025440	3.76%
Coppert	1484.4	0.0121979	mg/L	0.00033996	0.0121979	mg/L	0.00033996	2.79%
Iront	536310.3	32.0098	mg/L	1.16550	32.0098	mg/L	1.16550	3.64%
Leadt	367.2	0.0142048	mg/L	0.00181485	0.0142048	mg/L	0.00181485	12.78%
Magnesiumt	24982.5	1.37623	mg/L	0.041024	1.37623	mg/L	0.041024	2.98%
Manganeset	139256.1	0.277011	mg/L	0.0087942	0.277011	mg/L	0.0087942	3.17%
Molybdenumt	45.6	0.0022465	mg/L	0.00037346	0.0022465	mg/L	0.00037346	16.62%
Nickelt	524.7	0.0102807	mg/L	0.00027767	0.0102807	mg/L	0.00027767	2.70%
Potassiumt	72077.3						3406.40	4.73%
Seleniumt	0.9	-0.0004360	mg/L	0.00288007	-0.0004360	mg/L	0.00288007	660.57%
Silvert	-809.2	-0.0006739	mg/L	0.00036519	-0.0006739	mg/L	0.00036519	54.19%
Sodiumt	53.0	0.242080	mg/L	0.0372260	0.242080	mg/L	0.0372260	15.38%
Thalliumt	-24.8	-0.0059463	mg/L	0.00030323	-0.0059463	mg/L	0.00030323	5.10%
Tint	6.6	0.0055685	mg/L	0.00018296	0.0055685	mg/L	0.00018296	3.29%
Titaniumt	397235.0	0.489242	mg/L	0.0151103	0.489242	mg/L	0.0151103	3.09%
Vanadiumt	4907.8	0.0279562	mg/L	0.00057910	0.0279562	mg/L	0.00057910	2.07%
Zinct	736.5	0.0266586	mg/L	0.00071329	0.0266586	mg/L	0.00071329	2.68%

Sequence No.: 31
Sample ID: 45774-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 7/20/2009 12:41:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-002

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1119830.8	99.9	%	0.42				0.42%
Yittrium	479648.5	101	%	0.1				0.15%
Aluminumt	1014820.6	33.7203	mg/L	0.84509	33.7203	mg/L	0.84509	2.51%
Antimonyt	54.1	0.0110648	mg/L	0.00341796	0.0110648	mg/L	0.00341796	30.89%
Arsenict	70.4	0.0481464	mg/L	0.00040488	0.0481464	mg/L	0.00040488	0.84%
Bariumt	24439.8	0.158581	mg/L	0.0016711	0.158581	mg/L	0.0016711	1.05%
Berylliumt	5622.4	0.0009696	mg/L	0.00002310	0.0009696	mg/L	0.00002310	2.38%
Cadmiumt	335.7	0.0027725	mg/L	0.00016744	0.0027725	mg/L	0.00016744	6.04%
Calciumt	1057175.6	8.31275	mg/L	0.216307	8.31275	mg/L	0.216307	2.60%
Chromiumt	10969.9	0.115009	mg/L	0.0015778	0.115009	mg/L	0.0015778	1.37%
Cobaltt	1178.6	0.0225695	mg/L	0.00006815	0.0225695	mg/L	0.00006815	0.30%
Coppert	50261.1	0.413001	mg/L	0.0111181	0.413001	mg/L	0.0111181	2.69%
Iront	2072300.5	123.686	mg/L	3.3211	123.686	mg/L	3.3211	2.69%
Leadt	4171.4	0.271229	mg/L	0.0019621	0.271229	mg/L	0.0019621	0.72%
Magnesiumt	80865.8	4.45474	mg/L	0.115100	4.45474	mg/L	0.115100	2.58%
Manganeset	863510.7	1.71771	mg/L	0.042699	1.71771	mg/L	0.042699	2.49%
Molybdenumt	329.3	0.0008554	mg/L	0.00066412	0.0008554	mg/L	0.00066412	77.64%
Nickelt	4633.9	0.0853639	mg/L	0.00136094	0.0853639	mg/L	0.00136094	1.59%
Potassiumt	292584.1						6833.88	2.34%
Seleniumt	-7.7	-0.0069998	mg/L	0.00858083	-0.0069998	mg/L	0.00858083	122.59%
Silvert	-2345.0	0.0011413	mg/L	0.00056036	0.0011413	mg/L	0.00056036	49.10%
Sodiumt	1884.0	1.78083	mg/L	0.012190	1.78083	mg/L	0.012190	0.68%
Thalliumt	-46.8	-0.0070915	mg/L	0.00315908	-0.0070915	mg/L	0.00315908	44.55%
Tint	151.0	0.0455164	mg/L	0.00077969	0.0455164	mg/L	0.00077969	1.71%
Titaniumt	741654.6	0.913436	mg/L	0.0255525	0.913436	mg/L	0.0255525	2.80%
Vanadiumt	17423.1	0.0988330	mg/L	0.00230570	0.0988330	mg/L	0.00230570	2.33%
Zinct	26714.8	0.959671	mg/L	0.0076182	0.959671	mg/L	0.0076182	0.79%

Sequence No.: 32
Sample ID: 45774-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 65
Date Collected: 7/20/2009 12:46:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-003

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1118259.0	99.8	%	0.59				0.59%
Yittrium	470515.5	99.5	%	0.46				0.46%
Aluminumt	311286.1	10.3434	mg/L	0.33142	10.3434	mg/L	0.33142	3.20%
Antimonyt	8.5	0.0010910	mg/L	0.00073524	0.0010910	mg/L	0.00073524	67.39%
Arsenict	10.2	0.0061492	mg/L	0.00105847	0.0061492	mg/L	0.00105847	17.21%
Bariumt	6653.7	0.0430541	mg/L	0.00077341	0.0430541	mg/L	0.00077341	1.80%
Berylliumt	3437.5	0.0006914	mg/L	0.00001956	0.0006914	mg/L	0.00001956	2.83%
Cadmiumt	-18.7	-0.0013325	mg/L	0.00014615	-0.0013325	mg/L	0.00014615	10.97%
Calciumt	166140.3	1.30639	mg/L	0.041590	1.30639	mg/L	0.041590	3.18%
Chromiumt	2146.9	0.0225148	mg/L	0.00078066	0.0225148	mg/L	0.00078066	3.47%
Cobaltt	914.4	0.0181084	mg/L	0.00018760	0.0181084	mg/L	0.00018760	1.04%
Coppert	2555.8	0.0210011	mg/L	0.00007336	0.0210011	mg/L	0.00007336	0.35%
Iront	656642.4	39.1918	mg/L	1.38711	39.1918	mg/L	1.38711	3.54%
Leadt	255.2	0.0109186	mg/L	0.00048049	0.0109186	mg/L	0.00048049	4.40%
Magnesiumt	32265.2	1.77743	mg/L	0.057666	1.77743	mg/L	0.057666	3.24%
Manganeset	552991.3	1.10002	mg/L	0.035741	1.10002	mg/L	0.035741	3.25%
Molybdenumt	81.7	0.0035088	mg/L	0.00064177	0.0035088	mg/L	0.00064177	18.29%
Nickelt	1539.8	0.0282985	mg/L	0.00086410	0.0282985	mg/L	0.00086410	3.05%
Potassiumt	90282.8						3937.91	4.36%
Seleniumt	-6.5	-0.0044425	mg/L	0.00007369	-0.0044425	mg/L	0.00007369	1.66%
Silvert	-926.2	-0.0005158	mg/L	0.00035494	-0.0005158	mg/L	0.00035494	68.82%
Sodiumt	197.8	0.338284	mg/L	0.0183921	0.338284	mg/L	0.0183921	5.44%
Thalliumt	-24.3	-0.0050086	mg/L	0.00057030	-0.0050086	mg/L	0.00057030	11.39%
Tint	5.8	0.0064092	mg/L	0.00002876	0.0064092	mg/L	0.00002876	0.45%
Titaniumt	341309.7	0.420364	mg/L	0.0142388	0.420364	mg/L	0.0142388	3.39%
Vanadiumt	3695.7	0.0203340	mg/L	0.00046306	0.0203340	mg/L	0.00046306	2.28%
Zinct	1394.3	0.0497365	mg/L	0.00072525	0.0497365	mg/L	0.00072525	1.46%

Sequence No.: 33 **Autosampler Location: 66**
Sample ID: 45774-004 **Date Collected: 7/20/2009 12:49:49 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45774-004

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1116326.3	99.6	%	0.07				0.07%
Yittrium	479485.1	101	%	0.1				0.11%
Aluminumt	537357.4	17.8552	mg/L	0.58037	17.8552	mg/L	0.58037	3.25%
Antimonyt	6.2	0.0025248	mg/L	0.00018089	0.0025248	mg/L	0.00018089	7.16%
Arsenict	33.5	0.0211716	mg/L	0.00014557	0.0211716	mg/L	0.00014557	0.69%
Bariumt	28231.8	0.185017	mg/L	0.0059777	0.185017	mg/L	0.0059777	3.23%
Berylliumt	5514.8	0.0005137	mg/L	0.00003756	0.0005137	mg/L	0.00003756	7.31%
Cadmiumt	31.7	-0.0009979	mg/L	0.00003166	-0.0009979	mg/L	0.00003166	3.17%
Calciumt	161387.4	1.26902	mg/L	0.042887	1.26902	mg/L	0.042887	3.38%
Chromiumt	7355.5	0.0771211	mg/L	0.00215387	0.0771211	mg/L	0.00215387	2.79%
Cobaltt	1980.8	0.0379200	mg/L	0.00010389	0.0379200	mg/L	0.00010389	0.27%
Coppert	11566.0	0.0950389	mg/L	0.00290743	0.0950389	mg/L	0.00290743	3.06%
Iront	1021428.8	60.9641	mg/L	2.13584	60.9641	mg/L	2.13584	3.50%
Leadt	1121.9	0.0665197	mg/L	0.00009815	0.0665197	mg/L	0.00009815	0.15%
Magnesiumt	109877.1	6.05291	mg/L	0.202234	6.05291	mg/L	0.202234	3.34%
Manganeset	991137.7	1.97159	mg/L	0.063430	1.97159	mg/L	0.063430	3.22%
Molybdenumt	235.5	0.0110035	mg/L	0.00036777	0.0110035	mg/L	0.00036777	3.34%
Nickelt	3424.7	0.0620490	mg/L	0.00080692	0.0620490	mg/L	0.00080692	1.30%
Potassiumt	141971.3						5536.90	3.90%
Seleniumt	-9.9	-0.0067814	mg/L	0.00116389	-0.0067814	mg/L	0.00116389	17.16%
Silvert	-1406.6	-0.0006386	mg/L	0.00051417	-0.0006386	mg/L	0.00051417	80.51%
Sodiumt	-208.4	0.404239	mg/L	0.0088731	0.404239	mg/L	0.0088731	2.20%
Thalliumt	-51.4	-0.0067868	mg/L	0.00194287	-0.0067868	mg/L	0.00194287	28.63%
Tint	-20.3	0.0043361	mg/L	0.00060137	0.0043361	mg/L	0.00060137	13.87%
Titaniumt	1224814.9	1.50851	mg/L	0.051760	1.50851	mg/L	0.051760	3.43%
Vanadiumt	10700.6	0.0612880	mg/L	0.00243668	0.0612880	mg/L	0.00243668	3.98%
Zinct	2406.8	0.0860539	mg/L	0.00051557	0.0860539	mg/L	0.00051557	0.60%

Sequence No.: 34
Sample ID: 45774-015
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 7/20/2009 12:54:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-015

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1125197.7	100	%	1.6				1.55%
Yittrium	482338.4	102	%	1.3				1.32%
Aluminumt	469328.2	15.5949	mg/L	0.45833	15.5949	mg/L	0.45833	2.94%
Antimonyt	9.6	0.0015919	mg/L	0.00044705	0.0015919	mg/L	0.00044705	28.08%
Arsenict	9.7	0.0055228	mg/L	0.00287450	0.0055228	mg/L	0.00287450	52.05%
Bariumt	7459.7	0.0483928	mg/L	0.00108211	0.0483928	mg/L	0.00108211	2.24%
Berylliumt	4080.3	0.0009074	mg/L	0.00003790	0.0009074	mg/L	0.00003790	4.18%
Cadmiumt	-29.8	-0.0013746	mg/L	0.00013512	-0.0013746	mg/L	0.00013512	9.83%
Calciumt	36665.1	0.288304	mg/L	0.0103022	0.288304	mg/L	0.0103022	3.57%
Chromiumt	2502.2	0.0262206	mg/L	0.00030905	0.0262206	mg/L	0.00030905	1.18%
Cobaltt	404.9	0.0075976	mg/L	0.00039904	0.0075976	mg/L	0.00039904	5.25%
Coppert	1487.6	0.0122235	mg/L	0.00068347	0.0122235	mg/L	0.00068347	5.59%
Iront	556078.6	33.1896	mg/L	0.97700	33.1896	mg/L	0.97700	2.94%
Leadt	296.0	0.0108170	mg/L	0.00029783	0.0108170	mg/L	0.00029783	2.75%
Magnesiumt	15263.8	0.840853	mg/L	0.0145847	0.840853	mg/L	0.0145847	1.73%
Manganeset	171076.6	0.340309	mg/L	0.0089289	0.340309	mg/L	0.0089289	2.62%
Molybdenumt	40.2	0.0019275	mg/L	0.00046632	0.0019275	mg/L	0.00046632	24.19%
Nickelt	644.2	0.0124127	mg/L	0.00029630	0.0124127	mg/L	0.00029630	2.39%
Potassiumt	75393.9						3950.85	5.24%
Seleniumt	-1.1	-0.0015273	mg/L	0.01187258	-0.0015273	mg/L	0.01187258	777.36%
Silvert	-814.1	-0.0005793	mg/L	0.00058507	-0.0005793	mg/L	0.00058507	101.00%
Sodiumt	176.0	0.308740	mg/L	0.0388946	0.308740	mg/L	0.0388946	12.60%
Thalliumt	-23.9	-0.0063808	mg/L	0.00490020	-0.0063808	mg/L	0.00490020	76.80%
Tint	1.2	0.0047378	mg/L	0.00080633	0.0047378	mg/L	0.00080633	17.02%
Titaniumt	306522.4	0.377519	mg/L	0.0107240	0.377519	mg/L	0.0107240	2.84%
Vanadiumt	4984.2	0.0283777	mg/L	0.00093616	0.0283777	mg/L	0.00093616	3.30%
Zinct	716.2	0.0257576	mg/L	0.00080408	0.0257576	mg/L	0.00080408	3.12%

Sequence No.: 35
Sample ID: 45822-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 7/20/2009 12:57:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45822-002

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1116722.1	99.6	%	0.23				0.23%
Yittrium	537000.2	114	%	0.3				0.22%
Aluminumt	1647095.8	54.7298	mg/L	1.57967	54.7298	mg/L	1.57967	2.89%
Antimonyt	36.5	0.0089124	mg/L	0.00457808	0.0089124	mg/L	0.00457808	51.37%
Arsenict	138.1	0.0956954	mg/L	0.00195953	0.0956954	mg/L	0.00195953	2.05%
Bariumt	55809.0	0.365580	mg/L	0.0098437	0.365580	mg/L	0.0098437	2.69%
Berylliumt	14158.3	0.0027790	mg/L	0.00006813	0.0027790	mg/L	0.00006813	2.45%
Cadmiumt	294.3	0.0023690	mg/L	0.00029695	0.0023690	mg/L	0.00029695	12.54%
Calciumt	1256568.4	9.88060	mg/L	0.274261	9.88060	mg/L	0.274261	2.78%
Chromiumt	8941.6	0.0936859	mg/L	0.00013320	0.0936859	mg/L	0.00013320	0.14%
Cobaltt	2413.6	0.0461901	mg/L	0.00025098	0.0461901	mg/L	0.00025098	0.54%
Coppert	37334.6	0.306783	mg/L	0.0096575	0.306783	mg/L	0.0096575	3.15%
Iront	1856654.2	110.815	mg/L	3.1304	110.815	mg/L	3.1304	2.82%
Leadt	8343.6	0.552521	mg/L	0.0009137	0.552521	mg/L	0.0009137	0.17%
Magnesiumt	282557.6	15.5655	mg/L	0.38668	15.5655	mg/L	0.38668	2.48%
Manganeset	1230002.4	2.44674	mg/L	0.062600	2.44674	mg/L	0.062600	2.56%
Molybdenumt	114.1	-0.0002285	mg/L	0.00022145	-0.0002285	mg/L	0.00022145	96.91%
Nickelt	4607.3	0.0844500	mg/L	0.00065218	0.0844500	mg/L	0.00065218	0.77%
Potassiumt	270581.4						8443.26	3.12%
Seleniumt	-6.2	-0.0057974	mg/L	0.00047294	-0.0057974	mg/L	0.00047294	8.16%
Silvert	-2414.4	-0.0004785	mg/L	0.00040285	-0.0004785	mg/L	0.00040285	84.19%
Sodiumt	-158.0	0.480014	mg/L	0.0160058	0.480014	mg/L	0.0160058	3.33%
Thalliumt	-70.4	-0.0100015	mg/L	0.00456977	-0.0100015	mg/L	0.00456977	45.69%
Tint	113.6	0.0358296	mg/L	0.00036496	0.0358296	mg/L	0.00036496	1.02%
Titaniumt	1484074.7	1.82782	mg/L	0.055272	1.82782	mg/L	0.055272	3.02%
Vanadiumt	27229.7	0.157906	mg/L	0.0042034	0.157906	mg/L	0.0042034	2.66%
Zinct	10879.6	0.391522	mg/L	0.0006489	0.391522	mg/L	0.0006489	0.17%

Sequence No.: 36
Sample ID: ICSA V-68333
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/20/2009 1:02:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	953312.2	85.1	%	0.35				0.41%
Yittrium	393254.8	83.2	%	0.44				0.52%
Aluminumt	15328465.0	509.336	mg/L	8.2264	509.336	mg/L	8.2264	1.62%
QC value within limits for Aluminum Recovery = 101.87%								
Antimonyt	127.9	0.0112882	mg/L	0.00140786	0.0112882	mg/L	0.00140786	12.47%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	59.4	0.0040156	mg/L	0.00114156	0.0040156	mg/L	0.00114156	28.43%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1454.9	-0.0028121	mg/L	0.00008219	-0.0028121	mg/L	0.00008219	2.92%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2486.1	-0.0007195	mg/L	0.00004426	-0.0007195	mg/L	0.00004426	6.15%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	210.6	-0.0013943	mg/L	0.00030739	-0.0013943	mg/L	0.00030739	22.05%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	63144363.1	496.515	mg/L	6.5594	496.515	mg/L	6.5594	1.32%
QC value within limits for Calcium Recovery = 99.30%								
Chromiumt	-215.9	-0.0021476	mg/L	0.00008896	-0.0021476	mg/L	0.00008896	4.14%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-186.1	-0.0038116	mg/L	0.00027454	-0.0038116	mg/L	0.00027454	7.20%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	127.9	0.0010509	mg/L	0.00037716	0.0010509	mg/L	0.00037716	35.89%
QC value within limits for Copper Recovery = Not calculated								
Iront	3355183.8	200.255	mg/L	1.0613	200.255	mg/L	1.0613	0.53%
QC value within limits for Iron Recovery = 100.13%								
Leadt	4037.7	0.0087702	mg/L	0.00003987	0.0087702	mg/L	0.00003987	0.45%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	9620269.6	529.962	mg/L	6.7100	529.962	mg/L	6.7100	1.27%
QC value within limits for Magnesium Recovery = 105.99%								
Manganeset	-3832.1	-0.0076230	mg/L	0.00005558	-0.0076230	mg/L	0.00005558	0.73%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	300.9	0.0011489	mg/L	0.00079759	0.0011489	mg/L	0.00079759	69.42%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-230.4	0.0028073	mg/L	0.00031478	0.0028073	mg/L	0.00031478	11.21%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	578010.7						2656.92	0.46%
Unable to evaluate QC.								
Seleniumt	-49.4	-0.0063381	mg/L	0.01906806	-0.0063381	mg/L	0.01906806	300.85%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-3906.5	0.0013224	mg/L	0.00022942	0.0013224	mg/L	0.00022942	17.35%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-13.7	0.0025408	mg/L	0.00418826	0.0025408	mg/L	0.00418826	164.84%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-74.9	-0.0118112	mg/L	0.00254817	-0.0118112	mg/L	0.00254817	21.57%
QC value within limits for Thallium Recovery = Not calculated								
Tint	234.0	-0.0075211	mg/L	0.00286305	-0.0075211	mg/L	0.00286305	38.07%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2681.5	0.0033025	mg/L	0.00012686	0.0033025	mg/L	0.00012686	3.84%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	5451.5	0.0048350	mg/L	0.00072496	0.0048350	mg/L	0.00072496	14.99%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-1137.1	-0.0194468	mg/L	0.00122164	-0.0194468	mg/L	0.00122164	6.28%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 37
Sample ID: ICSAB V-68334
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/20/2009 1:07:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	951478.4	84.9	%	0.27				0.31%
Yittrium	392518.5	83.0	%	0.30				0.36%
Aluminumt	15630322.1	519.366	mg/L	9.8569	519.366	mg/L	9.8569	1.90%
QC value within limits for Aluminum Recovery = 103.87%								
Antimonyt	3249.4	1.06766	mg/L	0.000981	1.06766	mg/L	0.000981	0.09%
QC value within limits for Antimony Recovery = 106.77%								
Arsenict	1501.6	1.07339	mg/L	0.007501	1.07339	mg/L	0.007501	0.70%
QC value within limits for Arsenic Recovery = 107.34%								
Bariumt	84342.3	0.544236	mg/L	0.0004993	0.544236	mg/L	0.0004993	0.09%
QC value within limits for Barium Recovery = 108.85%								
Berylliumt	1838347.5	0.530286	mg/L	0.0005916	0.530286	mg/L	0.0005916	0.11%
QC value within limits for Beryllium Recovery = 106.06%								
Cadmiumt	61745.6	1.08592	mg/L	0.002267	1.08592	mg/L	0.002267	0.21%
QC value within limits for Cadmium Recovery = 108.59%								
Calciumt	64311823.4	505.694	mg/L	9.4644	505.694	mg/L	9.4644	1.87%
QC value within limits for Calcium Recovery = 101.14%								
Chromiumt	49715.5	0.520773	mg/L	0.0013063	0.520773	mg/L	0.0013063	0.25%
QC value within limits for Chromium Recovery = 104.15%								
Cobaltt	24269.4	0.504878	mg/L	0.0026263	0.504878	mg/L	0.0026263	0.52%
QC value within limits for Cobalt Recovery = 100.98%								
Coppert	68128.5	0.559821	mg/L	0.0022167	0.559821	mg/L	0.0022167	0.40%
QC value within limits for Copper Recovery = 111.96%								
Iront	3440705.0	205.359	mg/L	0.4561	205.359	mg/L	0.4561	0.22%
QC value within limits for Iron Recovery = 102.68%								
Leadt	18736.8	1.03805	mg/L	0.014382	1.03805	mg/L	0.014382	1.39%
QC value within limits for Lead Recovery = 103.80%								
Magnesiumt	9777024.3	538.597	mg/L	9.7901	538.597	mg/L	9.7901	1.82%
QC value within limits for Magnesium Recovery = 107.72%								
Manganeset	262860.2	0.522886	mg/L	0.0007872	0.522886	mg/L	0.0007872	0.15%
QC value within limits for Manganese Recovery = 104.58%								
Molybdenumt	302.7	-0.0166669	mg/L	0.00048834	-0.0166669	mg/L	0.00048834	2.93%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	56103.1	0.989298	mg/L	0.0001384	0.989298	mg/L	0.0001384	0.01%
QC value within limits for Nickel Recovery = 98.93%								
Potassiumt	597318.3						4694.98	0.79%
Unable to evaluate QC.								
Seleniumt	1977.1	1.07448	mg/L	0.003243	1.07448	mg/L	0.003243	0.30%
QC value within limits for Selenium Recovery = 107.45%								
Silvert	229834.8	1.12148	mg/L	0.001889	1.12148	mg/L	0.001889	0.17%
QC value within limits for Silver Recovery = 112.15%								
Sodiumt	1174.2	0.744076	mg/L	0.0254762	0.744076	mg/L	0.0254762	3.42%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2017.9	1.00235	mg/L	0.002768	1.00235	mg/L	0.002768	0.28%
QC value within limits for Thallium Recovery = 100.23%								
Tint	237.4	-0.0076507	mg/L	0.00082495	-0.0076507	mg/L	0.00082495	10.78%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2501.5	0.0030808	mg/L	0.00001238	0.0030808	mg/L	0.00001238	0.40%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	91547.4	0.521528	mg/L	0.0005926	0.521528	mg/L	0.0005926	0.11%
QC value within limits for Vanadium Recovery = 104.31%								
Zinct	27529.4	1.01214	mg/L	0.004379	1.01214	mg/L	0.004379	0.43%
QC value within limits for Zinc Recovery = 101.21%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 38
Sample ID: CCV V-68336
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/20/2009 1:12:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1078855.0	96.3	%	0.70				0.72%
Yittrium	437408.9	92.5	%	0.77				0.83%
Aluminumt	152380.2	5.05601	mg/L	0.072778	5.05601	mg/L	0.072778	1.44%
QC value within limits for Aluminum Recovery = 101.12%								
Antimonyt	1490.7	0.506181	mg/L	0.0053450	0.506181	mg/L	0.0053450	1.06%
QC value within limits for Antimony Recovery = 101.24%								
Arsenict	673.4	0.497564	mg/L	0.0016724	0.497564	mg/L	0.0016724	0.34%
QC value within limits for Arsenic Recovery = 99.51%								
Bariumt	77270.8	0.510047	mg/L	0.0065841	0.510047	mg/L	0.0065841	1.29%
QC value within limits for Barium Recovery = 102.01%								
Berylliumt	1738501.5	0.501131	mg/L	0.0164936	0.501131	mg/L	0.0164936	3.29%
QC value within limits for Beryllium Recovery = 100.23%								
Cadmiumt	28455.7	0.502737	mg/L	0.0041281	0.502737	mg/L	0.0041281	0.82%
QC value within limits for Cadmium Recovery = 100.55%								
Calciumt	6437859.7	50.6219	mg/L	1.57068	50.6219	mg/L	1.57068	3.10%
QC value within limits for Calcium Recovery = 101.24%								
Chromiumt	47930.0	0.505618	mg/L	0.0057375	0.505618	mg/L	0.0057375	1.13%
QC value within limits for Chromium Recovery = 101.12%								
Cobaltt	24559.8	0.511905	mg/L	0.0043900	0.511905	mg/L	0.0043900	0.86%
QC value within limits for Cobalt Recovery = 102.38%								
Coppert	60530.9	0.497389	mg/L	0.0067490	0.497389	mg/L	0.0067490	1.36%
QC value within limits for Copper Recovery = 99.48%								
Iront	86068.7	5.13702	mg/L	0.089911	5.13702	mg/L	0.089911	1.75%
QC value within limits for Iron Recovery = 102.74%								
Leadt	7204.6	0.507750	mg/L	0.0025405	0.507750	mg/L	0.0025405	0.50%
QC value within limits for Lead Recovery = 101.55%								
Magnesiumt	923089.9	50.8512	mg/L	1.56408	50.8512	mg/L	1.56408	3.08%
QC value within limits for Magnesium Recovery = 101.70%								
Manganeset	255941.7	0.509124	mg/L	0.0061214	0.509124	mg/L	0.0061214	1.20%
QC value within limits for Manganese Recovery = 101.82%								
Molybdenumt	9704.9	0.491811	mg/L	0.0248611	0.491811	mg/L	0.0248611	5.06%
QC value within limits for Molybdenum Recovery = 98.36%								
Nickelt	29095.2	0.509967	mg/L	0.0040791	0.509967	mg/L	0.0040791	0.80%
QC value within limits for Nickel Recovery = 101.99%								
Potassiumt	14746.5						168.54	1.14%
Unable to evaluate QC.								
Seleniumt	938.6	0.503185	mg/L	0.0122003	0.503185	mg/L	0.0122003	2.42%
QC value within limits for Selenium Recovery = 100.64%								
Silvert	20413.2	0.0982952	mg/L	0.00157275	0.0982952	mg/L	0.00157275	1.60%
QC value within limits for Silver Recovery = 98.30%								
Sodiumt	51763.6	47.4544	mg/L	0.63935	47.4544	mg/L	0.63935	1.35%
QC value within limits for Sodium Recovery = 94.91%								
Thalliumt	1043.1	0.511616	mg/L	0.0074388	0.511616	mg/L	0.0074388	1.45%
QC value within limits for Thallium Recovery = 102.32%								
Tint	2582.3	0.497701	mg/L	0.0046631	0.497701	mg/L	0.0046631	0.94%
QC value within limits for Tin Recovery = 99.54%								
Titaniumt	404373.1	0.498034	mg/L	0.0075563	0.498034	mg/L	0.0075563	1.52%
QC value within limits for Titanium Recovery = 99.61%								
Vanadiumt	84253.9	0.506352	mg/L	0.0068455	0.506352	mg/L	0.0068455	1.35%
QC value within limits for Vanadium Recovery = 101.27%								
Zinct	14037.9	0.505117	mg/L	0.0041139	0.505117	mg/L	0.0041139	0.81%
QC value within limits for Zinc Recovery = 101.02%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 39 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 7/20/2009 1:17:37 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1112981.9	99.3	%	0.89				0.89%
Yittrium	468723.4	99.2	%	0.67				0.68%
Aluminumt	257.3	0.0084604	mg/L	0.00019740	0.0084604	mg/L	0.00019740	2.33%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	7.7	0.0026115	mg/L	0.00047178	0.0026115	mg/L	0.00047178	18.07%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	-3.4	-0.0025231	mg/L	0.00018133	-0.0025231	mg/L	0.00018133	7.19%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	9.8	0.0000646	mg/L	0.00000388	0.0000646	mg/L	0.00000388	6.00%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	231.3	0.0000666	mg/L	0.00001820	0.0000666	mg/L	0.00001820	27.32%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	-36.9	-0.0006530	mg/L	0.00022327	-0.0006530	mg/L	0.00022327	34.19%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	-202.7	-0.0015941	mg/L	0.00085619	-0.0015941	mg/L	0.00085619	53.71%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	-12.2	-0.0000837	mg/L	0.00005849	-0.0000837	mg/L	0.00005849	69.83%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	10.8	0.0002500	mg/L	0.00001394	0.0002500	mg/L	0.00001394	5.58%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-21.6	-0.0001774	mg/L	0.00027200	-0.0001774	mg/L	0.00027200	153.37%
QC value within limits for Copper Recovery = Not calculated								
Iront	151.1	0.0090206	mg/L	0.00088270	0.0090206	mg/L	0.00088270	9.79%
QC value within limits for Iron Recovery = Not calculated								
Leadt	1.1	0.0000841	mg/L	0.00129568	0.0000841	mg/L	0.00129568	>999.9%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	388.0	0.0213726	mg/L	0.00709661	0.0213726	mg/L	0.00709661	33.20%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	102.6	0.0002040	mg/L	0.00008394	0.0002040	mg/L	0.00008394	41.15%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	116.9	0.0060755	mg/L	0.00042830	0.0060755	mg/L	0.00042830	7.05%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	28.9	0.0005109	mg/L	0.00023745	0.0005109	mg/L	0.00023745	46.47%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-1301.8						201.74	15.50%
Unable to evaluate QC.								
Seleniumt	-2.7	-0.0014229	mg/L	0.00292946	-0.0014229	mg/L	0.00292946	205.87%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	4.1	0.0000206	mg/L	0.00032198	0.0000206	mg/L	0.00032198	>999.9%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	66.0	0.0608287	mg/L	0.09308554	0.0608287	mg/L	0.09308554	153.03%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-0.7	-0.0003396	mg/L	0.00295078	-0.0003396	mg/L	0.00295078	868.84%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-7.3	-0.0014194	mg/L	0.00100438	-0.0014194	mg/L	0.00100438	70.76%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	110.1	0.0001356	mg/L	0.00010167	0.0001356	mg/L	0.00010167	74.97%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	94.3	0.0005917	mg/L	0.00035303	0.0005917	mg/L	0.00035303	59.66%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-28.6	-0.0010281	mg/L	0.00038450	-0.0010281	mg/L	0.00038450	37.40%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 40
Sample ID: 45822-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 7/20/2009 1:20:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45822-003

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1112796.4	99.3	%	1.19				1.20%
Yittrium	529492.3	112	%	0.8				0.67%
Aluminumt	1315910.3	43.7251	mg/L	1.30028	43.7251	mg/L	1.30028	2.97%
Antimonyt	55.9	0.0141979	mg/L	0.00082499	0.0141979	mg/L	0.00082499	5.81%
Arsenict	152.5	0.106524	mg/L	0.0018207	0.106524	mg/L	0.0018207	1.71%
Bariumt	60211.1	0.394227	mg/L	0.0111261	0.394227	mg/L	0.0111261	2.82%
Berylliumt	12392.8	0.0020801	mg/L	0.00003048	0.0020801	mg/L	0.00003048	1.47%
Cadmiumt	291.7	0.0014507	mg/L	0.00010896	0.0014507	mg/L	0.00010896	7.51%
Calciumt	3238634.2	25.4659	mg/L	0.66726	25.4659	mg/L	0.66726	2.62%
Chromiumt	8153.8	0.0854641	mg/L	0.00081750	0.0854641	mg/L	0.00081750	0.96%
Cobaltt	2267.5	0.0425809	mg/L	0.00011875	0.0425809	mg/L	0.00011875	0.28%
Coppert	43146.0	0.354536	mg/L	0.0115970	0.354536	mg/L	0.0115970	3.27%
Iront	2429343.8	144.996	mg/L	4.3418	144.996	mg/L	4.3418	2.99%
Leadt	11604.2	0.788478	mg/L	0.0034360	0.788478	mg/L	0.0034360	0.44%
Magnesiumt	304839.4	16.7930	mg/L	0.38639	16.7930	mg/L	0.38639	2.30%
Manganeset	1021935.9	2.03285	mg/L	0.055432	2.03285	mg/L	0.055432	2.73%
Molybdenumt	189.4	0.0039525	mg/L	0.00019515	0.0039525	mg/L	0.00019515	4.94%
Nickelt	3974.8	0.0745439	mg/L	0.00125802	0.0745439	mg/L	0.00125802	1.69%
Potassiumt	368544.2						10667.01	2.89%
Seleniumt	-10.1	-0.0079515	mg/L	0.00135683	-0.0079515	mg/L	0.00135683	17.06%
Silvert	-3170.4	-0.0006800	mg/L	0.00003330	-0.0006800	mg/L	0.00003330	4.90%
Sodiumt	722.1	1.42102	mg/L	0.065369	1.42102	mg/L	0.065369	4.60%
Thalliumt	-73.6	-0.0083863	mg/L	0.00721115	-0.0083863	mg/L	0.00721115	85.99%
Tint	215.0	0.0583731	mg/L	0.00304171	0.0583731	mg/L	0.00304171	5.21%
Titaniumt	1699641.0	2.09331	mg/L	0.062824	2.09331	mg/L	0.062824	3.00%
Vanadiumt	29711.4	0.171198	mg/L	0.0049855	0.171198	mg/L	0.0049855	2.91%
Zinct	8817.5	0.315803	mg/L	0.0019522	0.315803	mg/L	0.0019522	0.62%

Sequence No.: 41
Sample ID: 45822-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 7/20/2009 1:25:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45822-004

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1123238.0	100	%	0.1				0.06%
Yittrium	526079.3	111	%	0.4				0.38%
Aluminumt	1538296.1	51.1146	mg/L	1.79606	51.1146	mg/L	1.79606	3.51%
Antimonyt	6.8	0.0011621	mg/L	0.00296345	0.0011621	mg/L	0.00296345	255.02%
Arsenict	33.1	0.0183499	mg/L	0.00307050	0.0183499	mg/L	0.00307050	16.73%
Bariumt	32562.0	0.212746	mg/L	0.0077651	0.212746	mg/L	0.0077651	3.65%
Berylliumt	11366.4	0.0020588	mg/L	0.00007372	0.0020588	mg/L	0.00007372	3.58%
Cadmiumt	30.6	-0.0014262	mg/L	0.00006418	-0.0014262	mg/L	0.00006418	4.50%
Calciumt	1305177.5	10.2628	mg/L	0.35546	10.2628	mg/L	0.35546	3.46%
Chromiumt	6135.6	0.0642854	mg/L	0.00098145	0.0642854	mg/L	0.00098145	1.53%
Cobaltt	1837.0	0.0344515	mg/L	0.00043522	0.0344515	mg/L	0.00043522	1.26%
Coppert	38309.9	0.314797	mg/L	0.0111449	0.314797	mg/L	0.0111449	3.54%
Iront	1289870.3	76.9861	mg/L	2.92582	76.9861	mg/L	2.92582	3.80%
Leadt	2804.9	0.165568	mg/L	0.0016888	0.165568	mg/L	0.0016888	1.02%
Magnesiumt	199964.1	11.0156	mg/L	0.36479	11.0156	mg/L	0.36479	3.31%
Manganeset	431279.6	0.857910	mg/L	0.0284791	0.857910	mg/L	0.0284791	3.32%
Molybdenumt	77.0	0.0017558	mg/L	0.00040768	0.0017558	mg/L	0.00040768	23.22%
Nickelt	3562.1	0.0649953	mg/L	0.00045730	0.0649953	mg/L	0.00045730	0.70%
Potassiumt	192225.8						7589.20	3.95%
Seleniumt	2.8	-0.0002004	mg/L	0.00039788	-0.0002004	mg/L	0.00039788	198.51%
Silvert	-1894.2	-0.0013711	mg/L	0.00031426	-0.0013711	mg/L	0.00031426	22.92%
Sodiumt	-501.5	0.194468	mg/L	0.0046149	0.194468	mg/L	0.0046149	2.37%
Thalliumt	-57.3	-0.0081925	mg/L	0.00594769	-0.0081925	mg/L	0.00594769	72.60%
Tint	92.9	0.0269195	mg/L	0.00023935	0.0269195	mg/L	0.00023935	0.89%
Titaniumt	1387179.5	1.70848	mg/L	0.062587	1.70848	mg/L	0.062587	3.66%
Vanadiumt	18982.3	0.110085	mg/L	0.0041171	0.110085	mg/L	0.0041171	3.74%
Zinct	4391.9	0.158728	mg/L	0.0022488	0.158728	mg/L	0.0022488	1.42%

Sequence No.: 42
Sample ID: 45822-008
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 71
Date Collected: 7/20/2009 1:30:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45822-008

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1114477.8	99.4	%	0.26				0.26%
Yittrium	523855.1	111	%	0.1				0.08%
Aluminumt	1913170.6	63.5709	mg/L	1.64967	63.5709	mg/L	1.64967	2.60%
Antimonyt	26.3	0.0071550	mg/L	0.00275153	0.0071550	mg/L	0.00275153	38.46%
Arsenict	72.2	0.0454025	mg/L	0.00054851	0.0454025	mg/L	0.00054851	1.21%
Bariumt	58618.0	0.383975	mg/L	0.0091091	0.383975	mg/L	0.0091091	2.37%
Berylliumt	14019.1	0.0023726	mg/L	0.00007893	0.0023726	mg/L	0.00007893	3.33%
Cadmiumt	162.8	0.0000467	mg/L	0.00000084	0.0000467	mg/L	0.00000084	1.81%
Calciumt	3732384.2	29.3484	mg/L	0.71674	29.3484	mg/L	0.71674	2.44%
Chromiumt	8599.3	0.0901298	mg/L	0.00058747	0.0901298	mg/L	0.00058747	0.65%
Cobaltt	2367.8	0.0441206	mg/L	0.00011191	0.0441206	mg/L	0.00011191	0.25%
Coppert	25472.8	0.209313	mg/L	0.0057818	0.209313	mg/L	0.0057818	2.76%
Iront	1856506.0	110.806	mg/L	3.0285	110.806	mg/L	3.0285	2.73%
Leadt	4975.9	0.311118	mg/L	0.0011893	0.311118	mg/L	0.0011893	0.38%
Magnesiumt	308232.4	16.9799	mg/L	0.37343	16.9799	mg/L	0.37343	2.20%
Manganeset	1423911.7	2.83247	mg/L	0.068408	2.83247	mg/L	0.068408	2.42%
Molybdenumt	188.5	0.0034537	mg/L	0.00006614	0.0034537	mg/L	0.00006614	1.92%
Nickelt	4459.8	0.0818699	mg/L	0.00039831	0.0818699	mg/L	0.00039831	0.49%
Potassiumt	285126.8						6350.36	2.23%
Seleniumt	-5.6	-0.0046251	mg/L	0.00288226	-0.0046251	mg/L	0.00288226	62.32%
Silvert	-2434.3	-0.0005747	mg/L	0.00007968	-0.0005747	mg/L	0.00007968	13.86%
Sodiumt	-445.0	0.441784	mg/L	0.0446472	0.441784	mg/L	0.0446472	10.11%
Thalliumt	-76.3	-0.0075254	mg/L	0.00015980	-0.0075254	mg/L	0.00015980	2.12%
Tint	143.3	0.0385661	mg/L	0.00143179	0.0385661	mg/L	0.00143179	3.71%
Titaniumt	1900488.9	2.34068	mg/L	0.063277	2.34068	mg/L	0.063277	2.70%
Vanadiumt	27998.6	0.162493	mg/L	0.0043343	0.162493	mg/L	0.0043343	2.67%
Zinct	9853.5	0.354875	mg/L	0.0015911	0.354875	mg/L	0.0015911	0.45%

Sequence No.: 43
Sample ID: 45356-013
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 72
Date Collected: 7/20/2009 1:34:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45356-013

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1131833.0	101	%	0.1				0.11%
Yittrium	577782.0	122	%	0.6				0.52%
Aluminumt	2325071.0	77.2576	mg/L	2.01320	77.2576	mg/L	2.01320	2.61%
Antimonyt	6.1	0.0119783	mg/L	0.00038949	0.0119783	mg/L	0.00038949	3.25%
Arsenict	118.2	0.0710136	mg/L	0.00000051	0.0710136	mg/L	0.00000051	0.00%
Bariumt	85513.4	0.560254	mg/L	0.0078455	0.560254	mg/L	0.0078455	1.40%
Berylliumt	26769.6	0.0029163	mg/L	0.00000177	0.0029163	mg/L	0.00000177	0.06%
Cadmiumt	230.2	-0.0002999	mg/L	0.00011717	-0.0002999	mg/L	0.00011717	39.07%
Calciumt	3522518.1	27.6981	mg/L	0.68429	27.6981	mg/L	0.68429	2.47%
Chromiumt	50382.7	0.527698	mg/L	0.0073550	0.527698	mg/L	0.0073550	1.39%
Cobaltt	4976.2	0.0886657	mg/L	0.00082689	0.0886657	mg/L	0.00082689	0.93%
Coppert	48452.4	0.398139	mg/L	0.0063915	0.398139	mg/L	0.0063915	1.61%
Iront	2864755.3	170.983	mg/L	4.4157	170.983	mg/L	4.4157	2.58%
Leadt	6784.6	0.426729	mg/L	0.0039528	0.426729	mg/L	0.0039528	0.93%
Magnesiumt	1010588.7	55.6713	mg/L	1.31063	55.6713	mg/L	1.31063	2.35%
Manganeset	1875562.1	3.73090	mg/L	0.086526	3.73090	mg/L	0.086526	2.32%
Molybdenumt	135.2	-0.0130094	mg/L	0.00033658	-0.0130094	mg/L	0.00033658	2.59%
Nickelt	10247.6	0.185257	mg/L	0.0007531	0.185257	mg/L	0.0007531	0.41%
Potassiumt	453062.8						11446.26	2.53%
Seleniumt	-8.9	-0.0077106	mg/L	0.00540640	-0.0077106	mg/L	0.00540640	70.12%
Silvert	-4018.4	-0.0021423	mg/L	0.00038837	-0.0021423	mg/L	0.00038837	18.13%
Sodiumt	-1852.6	0.692745	mg/L	0.0224592	0.692745	mg/L	0.0224592	3.24%
Thalliumt	-167.0	-0.0106093	mg/L	0.00293916	-0.0106093	mg/L	0.00293916	27.70%
Tint	-1.0	0.0190701	mg/L	0.00068453	0.0190701	mg/L	0.00068453	3.59%
Titaniumt	5464524.9	6.73022	mg/L	0.180915	6.73022	mg/L	0.180915	2.69%
Vanadiumt	65953.2	0.386335	mg/L	0.0049848	0.386335	mg/L	0.0049848	1.29%
Zinct	32676.6	1.17553	mg/L	0.006569	1.17553	mg/L	0.006569	0.56%

Sequence No.: 44
Sample ID: 45734-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 73
Date Collected: 7/20/2009 1:39:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45734-005

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1102240.4	98.4	%	1.06				1.07%
Yittrium	506379.5	107	%	1.2				1.15%
Aluminumt	1476221.9	49.0516	mg/L	1.37207	49.0516	mg/L	1.37207	2.80%
Antimonyt	124.8	0.0402542	mg/L	0.00314754	0.0402542	mg/L	0.00314754	7.82%
Arsenict	134.2	0.0891525	mg/L	0.00646061	0.0891525	mg/L	0.00646061	7.25%
Bariumt	348437.3	2.29684	mg/L	0.077174	2.29684	mg/L	0.077174	3.36%
Berylliumt	22288.8	0.0040032	mg/L	0.00012978	0.0040032	mg/L	0.00012978	3.24%
Cadmiumt	1525.3	0.0225652	mg/L	0.00071371	0.0225652	mg/L	0.00071371	3.16%
Calciumt	6134963.2	48.2402	mg/L	1.29959	48.2402	mg/L	1.29959	2.69%
Chromiumt	20995.8	0.220088	mg/L	0.0034650	0.220088	mg/L	0.0034650	1.57%
Cobaltt	3990.2	0.0756111	mg/L	0.00064414	0.0756111	mg/L	0.00064414	0.85%
Coppert	436765.7	3.58896	mg/L	0.120831	3.58896	mg/L	0.120831	3.37%
Iront	2879205.1	171.846	mg/L	4.8435	171.846	mg/L	4.8435	2.82%
Leadt	122989.7	8.62654	mg/L	0.289202	8.62654	mg/L	0.289202	3.35%
Magnesiumt	407004.6	22.4211	mg/L	0.71068	22.4211	mg/L	0.71068	3.17%
Manganeset	983026.0	1.95545	mg/L	0.050962	1.95545	mg/L	0.050962	2.61%
Molybdenumt	542.2	-0.0876424	mg/L	0.00414029	-0.0876424	mg/L	0.00414029	4.72%
Nickelt	18604.3	0.331615	mg/L	0.0044314	0.331615	mg/L	0.0044314	1.34%
Potassiumt	454536.7						14142.87	3.11%
Seleniumt	12.7	0.0046476	mg/L	0.00306053	0.0046476	mg/L	0.00306053	65.85%
Silvert	44705.4	0.231336	mg/L	0.0072053	0.231336	mg/L	0.0072053	3.11%
Sodiumt	6946.4	5.52429	mg/L	0.244626	5.52429	mg/L	0.244626	4.43%
Thalliumt	-106.5	-0.0118967	mg/L	0.00091283	-0.0118967	mg/L	0.00091283	7.67%
Tint	1372.6	0.284936	mg/L	0.0059500	0.284936	mg/L	0.0059500	2.09%
Titaniumt	2758807.3	3.39780	mg/L	0.101581	3.39780	mg/L	0.101581	2.99%
Vanadiumt	77268.0	0.455534	mg/L	0.0166608	0.455534	mg/L	0.0166608	3.66%
Zinct	185683.0	6.67756	mg/L	0.221216	6.67756	mg/L	0.221216	3.31%

Sequence No.: 45
Sample ID: 45734-006
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 74
Date Collected: 7/20/2009 1:44:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45734-006

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1102678.8	98.4	%	0.16				0.17%
Yittrium	501744.3	106	%	1.0				0.90%
Aluminumt	1451313.9	48.2239	mg/L	1.39118	48.2239	mg/L	1.39118	2.88%
Antimonyt	87.0	0.0283679	mg/L	0.00100898	0.0283679	mg/L	0.00100898	3.56%
Arsenict	99.9	0.0633894	mg/L	0.00077681	0.0633894	mg/L	0.00077681	1.23%
Bariumt	356666.6	2.35130	mg/L	0.035911	2.35130	mg/L	0.035911	1.53%
Berylliumt	37395.4	0.0082810	mg/L	0.00014479	0.0082810	mg/L	0.00014479	1.75%
Cadmiumt	1338.4	0.0194156	mg/L	0.00021703	0.0194156	mg/L	0.00021703	1.12%
Calciumt	5898507.8	46.3809	mg/L	1.36083	46.3809	mg/L	1.36083	2.93%
Chromiumt	38884.3	0.407493	mg/L	0.0073177	0.407493	mg/L	0.0073177	1.80%
Cobaltt	5032.8	0.0970870	mg/L	0.00013545	0.0970870	mg/L	0.00013545	0.14%
Coppert	450597.9	3.70262	mg/L	0.067901	3.70262	mg/L	0.067901	1.83%
Iront	2777949.9	165.802	mg/L	4.8460	165.802	mg/L	4.8460	2.92%
Leadt	87174.4	6.10575	mg/L	0.082116	6.10575	mg/L	0.082116	1.34%
Magnesiumt	480854.1	26.4893	mg/L	0.39078	26.4893	mg/L	0.39078	1.48%
Manganeset	999596.8	1.98842	mg/L	0.054842	1.98842	mg/L	0.054842	2.76%
Molybdenumt	709.1	-0.0921664	mg/L	0.00025847	-0.0921664	mg/L	0.00025847	0.28%
Nickelt	29661.9	0.525018	mg/L	0.0073806	0.525018	mg/L	0.0073806	1.41%
Potassiumt	439325.6						13170.94	3.00%
Seleniumt	-4.0	-0.0041491	mg/L	0.00100137	-0.0041491	mg/L	0.00100137	24.13%
Silvert	29950.5	0.160054	mg/L	0.0027301	0.160054	mg/L	0.0027301	1.71%
Sodiumt	7855.1	6.14269	mg/L	0.024451	6.14269	mg/L	0.024451	0.40%
Thalliumt	-97.9	-0.0070177	mg/L	0.00211892	-0.0070177	mg/L	0.00211892	30.19%
Tint	2105.7	0.427631	mg/L	0.0022499	0.427631	mg/L	0.0022499	0.53%
Titaniumt	2849591.6	3.50961	mg/L	0.108651	3.50961	mg/L	0.108651	3.10%
Vanadiumt	67787.6	0.398755	mg/L	0.0070354	0.398755	mg/L	0.0070354	1.76%
Zinct	207213.5	7.45223	mg/L	0.068228	7.45223	mg/L	0.068228	0.92%

Sequence No.: 46
Sample ID: 45734-007
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 75
Date Collected: 7/20/2009 1:49:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45734-007

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1086148.0	96.9	%	0.71				0.73%
Yittrium	489674.4	104	%	0.7				0.66%
Aluminumt	809773.7	26.9069	mg/L	0.41249	26.9069	mg/L	0.41249	1.53%
Antimonyt	135.5	0.0266111	mg/L	0.00325433	0.0266111	mg/L	0.00325433	12.23%
Arsenict	214.5	0.150802	mg/L	0.0015954	0.150802	mg/L	0.0015954	1.06%
Bariumt	421626.0	2.77824	mg/L	0.035472	2.77824	mg/L	0.035472	1.28%
Berylliumt	9530.2	0.0018333	mg/L	0.00005746	0.0018333	mg/L	0.00005746	3.13%
Cadmiumt	4297.7	0.0683339	mg/L	0.00004763	0.0683339	mg/L	0.00004763	0.07%
Calciumt	15335522.9	120.586	mg/L	3.4236	120.586	mg/L	3.4236	2.84%
Chromiumt	20490.9	0.214780	mg/L	0.0027259	0.214780	mg/L	0.0027259	1.27%
Cobaltt	3522.9	0.0705527	mg/L	0.00025880	0.0705527	mg/L	0.00025880	0.37%
Coppert	250158.7	2.05558	mg/L	0.030563	2.05558	mg/L	0.030563	1.49%
Iront	4994199.6	298.080	mg/L	4.2432	298.080	mg/L	4.2432	1.42%
Leadt	163898.4	11.5216	mg/L	0.09975	11.5216	mg/L	0.09975	0.87%
Magnesiumt	485272.1	26.7327	mg/L	0.22151	26.7327	mg/L	0.22151	0.83%
Manganeset	1372682.7	2.73057	mg/L	0.035660	2.73057	mg/L	0.035660	1.31%
Molybdenumt	485.8	-0.285306	mg/L	0.0014774	-0.285306	mg/L	0.0014774	0.52%
Nickelt	19826.6	0.357319	mg/L	0.0004253	0.357319	mg/L	0.0004253	0.12%
Potassiumt	801047.1						13293.08	1.66%
Seleniumt	14.2	0.0060096	mg/L	0.01260724	0.0060096	mg/L	0.01260724	209.78%
Silvert	-5303.7	0.0044167	mg/L	0.00031840	0.0044167	mg/L	0.00031840	7.21%
Sodiumt	20335.7	13.1677	mg/L	0.07857	13.1677	mg/L	0.07857	0.60%
Thalliumt	-98.6	-0.0190132	mg/L	0.00309748	-0.0190132	mg/L	0.00309748	16.29%
Tint	3471.9	0.702750	mg/L	0.0034510	0.702750	mg/L	0.0034510	0.49%
Titaniumt	1041379.6	1.28258	mg/L	0.021040	1.28258	mg/L	0.021040	1.64%
Vanadiumt	717141.0	4.29363	mg/L	0.062251	4.29363	mg/L	0.062251	1.45%
Zinct	495566.2	17.8200	mg/L	0.08525	17.8200	mg/L	0.08525	0.48%

Sequence No.: 47
Sample ID: 45734-008
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 76
Date Collected: 7/20/2009 1:54:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45734-008

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1121854.1	100	%	0.2				0.24%
Yittrium	525411.1	111	%	0.4				0.32%
Aluminumt	1026237.6	34.0997	mg/L	1.05210	34.0997	mg/L	1.05210	3.09%
Antimonyt	149.5	0.0475699	mg/L	0.00218268	0.0475699	mg/L	0.00218268	4.59%
Arsenict	113.8	0.0767976	mg/L	0.00046168	0.0767976	mg/L	0.00046168	0.60%
Bariumt	116072.8	0.763732	mg/L	0.0044204	0.763732	mg/L	0.0044204	0.58%
Berylliumt	15951.9	0.0032403	mg/L	0.00000120	0.0032403	mg/L	0.00000120	0.04%
Cadmiumt	2159.1	0.0351322	mg/L	0.00031350	0.0351322	mg/L	0.00031350	0.89%
Calciumt	4272928.2	33.5987	mg/L	0.94798	33.5987	mg/L	0.94798	2.82%
Chromiumt	15770.6	0.165254	mg/L	0.0012248	0.165254	mg/L	0.0012248	0.74%
Cobaltt	2622.8	0.0503974	mg/L	0.00013876	0.0503974	mg/L	0.00013876	0.28%
Coppert	130377.5	1.07133	mg/L	0.008134	1.07133	mg/L	0.008134	0.76%
Iront	1982429.9	118.322	mg/L	3.8173	118.322	mg/L	3.8173	3.23%
Leadt	81126.0	5.68931	mg/L	0.027167	5.68931	mg/L	0.027167	0.48%
Magnesiumt	467599.3	25.7591	mg/L	0.15210	25.7591	mg/L	0.15210	0.59%
Manganeset	778797.7	1.54920	mg/L	0.014574	1.54920	mg/L	0.014574	0.94%
Molybdenumt	243.8	-0.146822	mg/L	0.0007141	-0.146822	mg/L	0.0007141	0.49%
Nickelt	7758.4	0.139883	mg/L	0.0011735	0.139883	mg/L	0.0011735	0.84%
Potassiumt	305351.4						10070.51	3.30%
Seleniumt	-4.9	-0.0039514	mg/L	0.00345868	-0.0039514	mg/L	0.00345868	87.53%
Silvert	-2504.8	-0.0001605	mg/L	0.00014026	-0.0001605	mg/L	0.00014026	87.42%
Sodiumt	10032.8	6.86671	mg/L	0.074325	6.86671	mg/L	0.074325	1.08%
Thalliumt	-72.0	-0.0109527	mg/L	0.00132149	-0.0109527	mg/L	0.00132149	12.07%
Tint	2944.4	0.586826	mg/L	0.0073526	0.586826	mg/L	0.0073526	1.25%
Titaniumt	1547749.6	1.90624	mg/L	0.057227	1.90624	mg/L	0.057227	3.00%
Vanadiumt	322649.4	1.93201	mg/L	0.015066	1.93201	mg/L	0.015066	0.78%
Zinct	257453.2	9.26004	mg/L	0.037971	9.26004	mg/L	0.037971	0.41%

Sequence No.: 48 **Autosampler Location: 6**
Sample ID: CCV V-68336 **Date Collected: 7/20/2009 1:58:54 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1094939.2	97.7	%	1.37				1.40%
Yittrium	439618.2	93.0	%	0.07				0.07%
Aluminumt	148797.8	4.93708	mg/L	0.171220	4.93708	mg/L	0.171220	3.47%
QC value within limits for Aluminum Recovery = 98.74%								
Antimonyt	1451.3	0.492806	mg/L	0.0096339	0.492806	mg/L	0.0096339	1.95%
QC value within limits for Antimony Recovery = 98.56%								
Arsenict	651.1	0.481081	mg/L	0.0105099	0.481081	mg/L	0.0105099	2.18%
QC value within limits for Arsenic Recovery = 96.22%								
Bariumt	75512.7	0.498442	mg/L	0.0163120	0.498442	mg/L	0.0163120	3.27%
QC value within limits for Barium Recovery = 99.69%								
Berylliumt	1714963.9	0.494348	mg/L	0.0181988	0.494348	mg/L	0.0181988	3.68%
QC value within limits for Beryllium Recovery = 98.87%								
Cadmiumt	27892.7	0.492790	mg/L	0.0093044	0.492790	mg/L	0.0093044	1.89%
QC value within limits for Cadmium Recovery = 98.56%								
Calciumt	6339190.5	49.8461	mg/L	1.72670	49.8461	mg/L	1.72670	3.46%
QC value within limits for Calcium Recovery = 99.69%								
Chromiumt	46801.4	0.493743	mg/L	0.0161700	0.493743	mg/L	0.0161700	3.27%
QC value within limits for Chromium Recovery = 98.75%								
Cobaltt	24051.4	0.501315	mg/L	0.0095748	0.501315	mg/L	0.0095748	1.91%
QC value within limits for Cobalt Recovery = 100.26%								
Coppert	59242.9	0.486806	mg/L	0.0163173	0.486806	mg/L	0.0163173	3.35%
QC value within limits for Copper Recovery = 97.36%								
Iront	84046.4	5.01632	mg/L	0.186755	5.01632	mg/L	0.186755	3.72%
QC value within limits for Iron Recovery = 100.33%								
Leadt	7060.8	0.497646	mg/L	0.0076292	0.497646	mg/L	0.0076292	1.53%
QC value within limits for Lead Recovery = 99.53%								
Magnesiumt	904504.9	49.8274	mg/L	1.66242	49.8274	mg/L	1.66242	3.34%
QC value within limits for Magnesium Recovery = 99.65%								
Manganeset	250157.7	0.497619	mg/L	0.0158505	0.497619	mg/L	0.0158505	3.19%
QC value within limits for Manganese Recovery = 99.52%								
Molybdenumt	9557.0	0.484323	mg/L	0.0299161	0.484323	mg/L	0.0299161	6.18%
QC value within limits for Molybdenum Recovery = 96.86%								
Nickelt	28461.0	0.498853	mg/L	0.0091706	0.498853	mg/L	0.0091706	1.84%
QC value within limits for Nickel Recovery = 99.77%								
Potassiumt	9979.4						1943.26	19.47%
Unable to evaluate QC.								
Seleniumt	911.5	0.488708	mg/L	0.0234006	0.488708	mg/L	0.0234006	4.79%
QC value within limits for Selenium Recovery = 97.74%								
Silvert	19888.1	0.0957682	mg/L	0.00322818	0.0957682	mg/L	0.00322818	3.37%
QC value within limits for Silver Recovery = 95.77%								
Sodiumt	50603.0	46.3902	mg/L	1.51340	46.3902	mg/L	1.51340	3.26%
QC value within limits for Sodium Recovery = 92.78%								
Thalliumt	1022.3	0.501464	mg/L	0.0119352	0.501464	mg/L	0.0119352	2.38%
QC value within limits for Thallium Recovery = 100.29%								
Tint	2534.7	0.488481	mg/L	0.0094750	0.488481	mg/L	0.0094750	1.94%
QC value within limits for Tin Recovery = 97.70%								
Titaniumt	397109.5	0.489088	mg/L	0.0173480	0.489088	mg/L	0.0173480	3.55%
QC value within limits for Titanium Recovery = 97.82%								
Vanadiumt	82343.7	0.494884	mg/L	0.0174313	0.494884	mg/L	0.0174313	3.52%
QC value within limits for Vanadium Recovery = 98.98%								
Zinct	13814.9	0.497088	mg/L	0.0078304	0.497088	mg/L	0.0078304	1.58%
QC value within limits for Zinc Recovery = 99.42%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 49 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 7/20/2009 2:02:22 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1132821.3	101	%	2.4				2.41%
Yittrium	478059.8	101	%	2.2				2.16%
Aluminumt	196.7	0.0063407	mg/L	0.00164646	0.0063407	mg/L	0.00164646	25.97%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	1.5	0.0005019	mg/L	0.00217618	0.0005019	mg/L	0.00217618	433.63%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	-5.6	-0.0041810	mg/L	0.00193165	-0.0041810	mg/L	0.00193165	46.20%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	35.5	0.0002343	mg/L	0.00005693	0.0002343	mg/L	0.00005693	24.30%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	476.8	0.0001371	mg/L	0.00003062	0.0001371	mg/L	0.00003062	22.33%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	-67.2	-0.0011885	mg/L	0.00041938	-0.0011885	mg/L	0.00041938	35.29%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	-188.7	-0.0014834	mg/L	0.00432785	-0.0014834	mg/L	0.00432785	291.75%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	-10.7	-0.0000151	mg/L	0.00040904	-0.0000151	mg/L	0.00040904	>999.9%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-1.0	0.0000349	mg/L	0.00005091	0.0000349	mg/L	0.00005091	146.08%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-132.0	-0.0010847	mg/L	0.00003473	-0.0010847	mg/L	0.00003473	3.20%
QC value within limits for Copper Recovery = Not calculated								
Iront	309.0	0.0184409	mg/L	0.00713780	0.0184409	mg/L	0.00713780	38.71%
QC value within limits for Iron Recovery = Not calculated								
Leadt	32.8	0.0023373	mg/L	0.00017775	0.0023373	mg/L	0.00017775	7.61%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	688.7	0.0379388	mg/L	0.01861390	0.0379388	mg/L	0.01861390	49.06%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	171.7	0.0003415	mg/L	0.00018459	0.0003415	mg/L	0.00018459	54.05%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	258.3	0.0133441	mg/L	0.00276398	0.0133441	mg/L	0.00276398	20.71%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	50.2	0.0008891	mg/L	0.00022150	0.0008891	mg/L	0.00022150	24.91%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-3746.8						2235.03	59.65%
Unable to evaluate QC.								
Seleniumt	-4.8	-0.0025838	mg/L	0.00210836	-0.0025838	mg/L	0.00210836	81.60%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-152.3	-0.0007277	mg/L	0.00014453	-0.0007277	mg/L	0.00014453	19.86%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	64.4	0.0584576	mg/L	0.13227318	0.0584576	mg/L	0.13227318	226.27%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-4.6	-0.0021960	mg/L	0.00470923	-0.0021960	mg/L	0.00470923	214.45%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-4.8	-0.0009292	mg/L	0.00057477	-0.0009292	mg/L	0.00057477	61.86%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	504.4	0.0006212	mg/L	0.00006507	0.0006212	mg/L	0.00006507	10.47%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	85.3	0.0005694	mg/L	0.00059308	0.0005694	mg/L	0.00059308	104.15%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	63.1	0.0022718	mg/L	0.00115415	0.0022718	mg/L	0.00115415	50.80%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 50
Sample ID: 45822-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 77
Date Collected: 7/20/2009 2:05:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45822-005

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1102433.4	98.4	%	0.68				0.69%
Yittrium	458806.7	97.1	%	0.54				0.56%
Aluminumt	872.2	0.0289252	mg/L	0.00148027	0.0289252	mg/L	0.00148027	5.12%
Antimonyt	16.7	0.0056696	mg/L	0.00018840	0.0056696	mg/L	0.00018840	3.32%
Arsenict	4.3	0.0031778	mg/L	0.00056965	0.0031778	mg/L	0.00056965	17.93%
Bariumt	104.0	0.0006854	mg/L	0.00005388	0.0006854	mg/L	0.00005388	7.86%
Berylliumt	42.9	0.0000112	mg/L	0.00002041	0.0000112	mg/L	0.00002041	182.20%
Cadmiumt	-59.5	-0.0010534	mg/L	0.00002992	-0.0010534	mg/L	0.00002992	2.84%
Calciumt	47155.1	0.370788	mg/L	0.0103318	0.370788	mg/L	0.0103318	2.79%
Chromiumt	100.6	0.0010811	mg/L	0.00008784	0.0010811	mg/L	0.00008784	8.12%
Cobaltt	-2.3	-0.0000358	mg/L	0.00019307	-0.0000358	mg/L	0.00019307	539.94%
Coppert	169.3	0.0013911	mg/L	0.00075346	0.0013911	mg/L	0.00075346	54.16%
Iront	796.4	0.0475319	mg/L	0.00179963	0.0475319	mg/L	0.00179963	3.79%
Leadt	10.8	0.0007740	mg/L	0.00101786	0.0007740	mg/L	0.00101786	131.50%
Magnesiumt	547.9	0.0301810	mg/L	0.00494121	0.0301810	mg/L	0.00494121	16.37%
Manganeset	463.2	0.0009213	mg/L	0.00005323	0.0009213	mg/L	0.00005323	5.78%
Molybdenumt	73.0	0.0036678	mg/L	0.00021336	0.0036678	mg/L	0.00021336	5.82%
Nickelt	20.7	0.0003670	mg/L	0.00032151	0.0003670	mg/L	0.00032151	87.61%
Potassiumt	41.3						175.60	424.89%
Seleniumt	-10.8	-0.0057215	mg/L	0.00410377	-0.0057215	mg/L	0.00410377	71.73%
Silvert	-200.8	-0.0009572	mg/L	0.00009992	-0.0009572	mg/L	0.00009992	10.44%
Sodiumt	500.6	0.457400	mg/L	0.0712791	0.457400	mg/L	0.0712791	15.58%
Thalliumt	-4.8	-0.0022949	mg/L	0.00332003	-0.0022949	mg/L	0.00332003	144.67%
Tint	42.4	0.0082303	mg/L	0.00156476	0.0082303	mg/L	0.00156476	19.01%
Titaniumt	1328.3	0.0016359	mg/L	0.00113994	0.0016359	mg/L	0.00113994	69.68%
Vanadiumt	127.5	0.0007793	mg/L	0.00026603	0.0007793	mg/L	0.00026603	34.14%
Zinct	156.6	0.0056306	mg/L	0.00032494	0.0056306	mg/L	0.00032494	5.77%

Sequence No.: 51
Sample ID: MB FB (1)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 78
Date Collected: 7/20/2009 2:08:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB FB (1)

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1111546.0	99.2	%	0.94				0.95%
Yittrium	462453.3	97.8	%	0.79				0.81%
Aluminumt	1090.1	0.0361992	mg/L	0.00114906	0.0361992	mg/L	0.00114906	3.17%
Antimonyt	-1.3	-0.0004292	mg/L	0.00544176	-0.0004292	mg/L	0.00544176	>999.9%
Arsenict	0.2	0.0001516	mg/L	0.00175119	0.0001516	mg/L	0.00175119	>999.9%
Bariumt	32.7	0.0002151	mg/L	0.00003570	0.0002151	mg/L	0.00003570	16.60%
Berylliumt	60.2	0.0000170	mg/L	0.00000421	0.0000170	mg/L	0.00000421	24.71%
Cadmiumt	-71.6	-0.0012659	mg/L	0.00011615	-0.0012659	mg/L	0.00011615	9.18%
Calciumt	20870.4	0.164108	mg/L	0.0050878	0.164108	mg/L	0.0050878	3.10%
Chromiumt	11.2	0.0001287	mg/L	0.00000874	0.0001287	mg/L	0.00000874	6.79%
Cobaltt	-1.6	-0.0000273	mg/L	0.00018247	-0.0000273	mg/L	0.00018247	668.11%
Coppert	97.8	0.0008034	mg/L	0.00061761	0.0008034	mg/L	0.00061761	76.87%
Iront	381.5	0.0227717	mg/L	0.00142050	0.0227717	mg/L	0.00142050	6.24%
Leadt	23.2	0.0016209	mg/L	0.00109407	0.0016209	mg/L	0.00109407	67.50%
Magnesiumt	242.7	0.0133674	mg/L	0.00397516	0.0133674	mg/L	0.00397516	29.74%
Manganeset	392.7	0.0007811	mg/L	0.00002152	0.0007811	mg/L	0.00002152	2.76%
Molybdenumt	30.8	0.0014849	mg/L	0.00066453	0.0014849	mg/L	0.00066453	44.75%
Nickelt	34.1	0.0005997	mg/L	0.00039944	0.0005997	mg/L	0.00039944	66.60%
Potassiumt	-1368.5						653.82	47.78%
Seleniumt	-6.9	-0.0036714	mg/L	0.00537595	-0.0036714	mg/L	0.00537595	146.43%
Silvert	75.5	0.0003639	mg/L	0.00015581	0.0003639	mg/L	0.00015581	42.82%
Sodiumt	461.0	0.420466	mg/L	0.0527975	0.420466	mg/L	0.0527975	12.56%
Thalliumt	-9.1	-0.0044064	mg/L	0.00027877	-0.0044064	mg/L	0.00027877	6.33%
Tint	27.7	0.0053821	mg/L	0.00116931	0.0053821	mg/L	0.00116931	21.73%
Titaniumt	378.7	0.0004664	mg/L	0.00012525	0.0004664	mg/L	0.00012525	26.85%
Vanadiumt	60.1	0.0003663	mg/L	0.00027476	0.0003663	mg/L	0.00027476	75.02%
Zinct	166.4	0.0059854	mg/L	0.00000661	0.0059854	mg/L	0.00000661	0.11%

Sequence No.: 52
Sample ID: LCSW
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 79
Date Collected: 7/20/2009 2:12:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1070345.8	95.5	%	0.89				0.93%
Yittrium	434060.7	91.8	%	0.03				0.03%
Aluminumt	142061.1	4.71304	mg/L	0.113080	4.71304	mg/L	0.113080	2.40%
Antimonyt	1395.2	0.473763	mg/L	0.0097467	0.473763	mg/L	0.0097467	2.06%
Arsenict	624.0	0.461038	mg/L	0.0018213	0.461038	mg/L	0.0018213	0.40%
Bariumt	74660.9	0.492825	mg/L	0.0100887	0.492825	mg/L	0.0100887	2.05%
Berylliumt	1646855.2	0.474714	mg/L	0.0134538	0.474714	mg/L	0.0134538	2.83%
Cadmiumt	26675.6	0.471285	mg/L	0.0066592	0.471285	mg/L	0.0066592	1.41%
Calciumt	6047558.1	47.5529	mg/L	1.25766	47.5529	mg/L	1.25766	2.64%
Chromiumt	45386.4	0.479023	mg/L	0.0093490	0.479023	mg/L	0.0093490	1.95%
Cobaltt	23415.7	0.488189	mg/L	0.0074703	0.488189	mg/L	0.0074703	1.53%
Coppert	58586.8	0.481415	mg/L	0.0113564	0.481415	mg/L	0.0113564	2.36%
Iront	81467.4	4.86239	mg/L	0.109699	4.86239	mg/L	0.109699	2.26%
Leadt	6769.3	0.477175	mg/L	0.0064517	0.477175	mg/L	0.0064517	1.35%
Magnesiumt	872764.2	48.0789	mg/L	1.01152	48.0789	mg/L	1.01152	2.10%
Manganeset	243920.9	0.485212	mg/L	0.0098874	0.485212	mg/L	0.0098874	2.04%
Molybdenumt	9821.4	0.498329	mg/L	0.0223976	0.498329	mg/L	0.0223976	4.49%
Nickelt	27612.6	0.484004	mg/L	0.0066512	0.484004	mg/L	0.0066512	1.37%
Potassiumt	14463.9						536.76	3.71%
Seleniumt	875.6	0.469414	mg/L	0.0041745	0.469414	mg/L	0.0041745	0.89%
Silvert	17926.7	0.0863572	mg/L	0.00195552	0.0863572	mg/L	0.00195552	2.26%
Sodiumt	48108.4	44.1017	mg/L	1.05565	44.1017	mg/L	1.05565	2.39%
Thalliumt	1009.6	0.495080	mg/L	0.0098308	0.495080	mg/L	0.0098308	1.99%
Tint	2496.9	0.481427	mg/L	0.0098936	0.481427	mg/L	0.0098936	2.06%
Titaniumt	382940.9	0.471637	mg/L	0.0105493	0.471637	mg/L	0.0105493	2.24%
Vanadiumt	79827.2	0.479894	mg/L	0.0099283	0.479894	mg/L	0.0099283	2.07%
Zinct	13495.9	0.485610	mg/L	0.0071328	0.485610	mg/L	0.0071328	1.47%

Sequence No.: 53
Sample ID: ICSA V-68333
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/20/2009 2:15:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	964235.6	86.0	%	0.12				0.14%
Yittrium	397449.2	84.1	%	0.09				0.11%
Aluminumt	15282009.8	507.792	mg/L	9.1208	507.792	mg/L	9.1208	1.80%
QC value within limits for Aluminum Recovery = 101.56%								
Antimonyt	118.5	0.0081454	mg/L	0.00521519	0.0081454	mg/L	0.00521519	64.03%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	54.6	0.0006426	mg/L	0.00431242	0.0006426	mg/L	0.00431242	671.04%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1436.7	-0.0029084	mg/L	0.00006069	-0.0029084	mg/L	0.00006069	2.09%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2353.7	-0.0006812	mg/L	0.00003986	-0.0006812	mg/L	0.00003986	5.85%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	187.4	-0.0018086	mg/L	0.00022846	-0.0018086	mg/L	0.00022846	12.63%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	62641770.8	492.563	mg/L	9.2104	492.563	mg/L	9.2104	1.87%
QC value within limits for Calcium Recovery = 98.51%								
Chromiumt	-268.8	-0.0026646	mg/L	0.00017480	-0.0026646	mg/L	0.00017480	6.56%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-179.3	-0.0036475	mg/L	0.00043884	-0.0036475	mg/L	0.00043884	12.03%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	102.7	0.0008443	mg/L	0.00110486	0.0008443	mg/L	0.00110486	130.86%
QC value within limits for Copper Recovery = Not calculated								
Iront	3357840.5	200.413	mg/L	1.0061	200.413	mg/L	1.0061	0.50%
QC value within limits for Iron Recovery = 100.21%								
Leadt	4035.3	0.0092994	mg/L	0.00143346	0.0092994	mg/L	0.00143346	15.41%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	9520822.7	524.483	mg/L	10.1041	524.483	mg/L	10.1041	1.93%
QC value within limits for Magnesium Recovery = 104.90%								
Manganeset	-3704.1	-0.0073682	mg/L	0.00020111	-0.0073682	mg/L	0.00020111	2.73%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	398.3	0.0063218	mg/L	0.00215792	0.0063218	mg/L	0.00215792	34.13%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-258.8	0.0023193	mg/L	0.00017385	0.0023193	mg/L	0.00017385	7.50%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	585842.6						3618.75	0.62%
Unable to evaluate QC.								
Seleniumt	-42.9	-0.0031280	mg/L	0.01640827	-0.0031280	mg/L	0.01640827	524.56%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-4020.3	0.0007930	mg/L	0.00002100	0.0007930	mg/L	0.00002100	2.65%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	43.6	0.0541325	mg/L	0.05761486	0.0541325	mg/L	0.05761486	106.43%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-84.5	-0.0165479	mg/L	0.00253603	-0.0165479	mg/L	0.00253603	15.33%
QC value within limits for Thallium Recovery = Not calculated								
Tint	237.3	-0.0062295	mg/L	0.00352112	-0.0062295	mg/L	0.00352112	56.52%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2557.4	0.0031497	mg/L	0.00004136	0.0031497	mg/L	0.00004136	1.31%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	5228.6	0.0037037	mg/L	0.00077512	0.0037037	mg/L	0.00077512	20.93%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-1068.7	-0.0170836	mg/L	0.00038533	-0.0170836	mg/L	0.00038533	2.26%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 54
Sample ID: ICSAB V-68334
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/20/2009 2:20:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	954015.9	85.1	%	0.54				0.63%
Yittrium	393154.9	83.2	%	0.60				0.72%
Aluminumt	15666601.4	520.571	mg/L	8.4291	520.571	mg/L	8.4291	1.62%
QC value within limits for Aluminum Recovery = 104.11%								
Antimonyt	3250.9	1.06810	mg/L	0.000575	1.06810	mg/L	0.000575	0.05%
QC value within limits for Antimony Recovery = 106.81%								
Arsenict	1508.0	1.07801	mg/L	0.022963	1.07801	mg/L	0.022963	2.13%
QC value within limits for Arsenic Recovery = 107.80%								
Bariumt	84350.8	0.544268	mg/L	0.0020034	0.544268	mg/L	0.0020034	0.37%
QC value within limits for Barium Recovery = 108.85%								
Berylliumt	1836027.7	0.529617	mg/L	0.0020096	0.529617	mg/L	0.0020096	0.38%
QC value within limits for Beryllium Recovery = 105.92%								
Cadmiumt	61947.4	1.08948	mg/L	0.008247	1.08948	mg/L	0.008247	0.76%
QC value within limits for Cadmium Recovery = 108.95%								
Calciumt	64233781.1	505.081	mg/L	7.4045	505.081	mg/L	7.4045	1.47%
QC value within limits for Calcium Recovery = 101.02%								
Chromiumt	49810.2	0.521778	mg/L	0.0046918	0.521778	mg/L	0.0046918	0.90%
QC value within limits for Chromium Recovery = 104.36%								
Cobaltt	24309.3	0.505716	mg/L	0.0051748	0.505716	mg/L	0.0051748	1.02%
QC value within limits for Cobalt Recovery = 101.14%								
Coppert	68122.3	0.559769	mg/L	0.0033703	0.559769	mg/L	0.0033703	0.60%
QC value within limits for Copper Recovery = 111.95%								
Iront	3443751.7	205.541	mg/L	0.7610	205.541	mg/L	0.7610	0.37%
QC value within limits for Iron Recovery = 102.77%								
Leadt	18726.1	1.03656	mg/L	0.012743	1.03656	mg/L	0.012743	1.23%
QC value within limits for Lead Recovery = 103.66%								
Magnesiumt	9760947.8	537.711	mg/L	8.1681	537.711	mg/L	8.1681	1.52%
QC value within limits for Magnesium Recovery = 107.54%								
Manganeset	263187.3	0.523537	mg/L	0.0015680	0.523537	mg/L	0.0015680	0.30%
QC value within limits for Manganese Recovery = 104.71%								
Molybdenumt	339.1	-0.0147507	mg/L	0.00132305	-0.0147507	mg/L	0.00132305	8.97%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	56059.8	0.988548	mg/L	0.0080404	0.988548	mg/L	0.0080404	0.81%
QC value within limits for Nickel Recovery = 98.85%								
Potassiumt	605997.3						144.84	0.02%
Unable to evaluate QC.								
Seleniumt	1962.7	1.06675	mg/L	0.003173	1.06675	mg/L	0.003173	0.30%
QC value within limits for Selenium Recovery = 106.68%								
Silvert	229740.1	1.12104	mg/L	0.004504	1.12104	mg/L	0.004504	0.40%
QC value within limits for Silver Recovery = 112.10%								
Sodiumt	1138.5	0.710892	mg/L	0.0241839	0.710892	mg/L	0.0241839	3.40%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	2018.6	1.00270	mg/L	0.018180	1.00270	mg/L	0.018180	1.81%
QC value within limits for Thallium Recovery = 100.27%								
Tint	206.6	-0.0135766	mg/L	0.00700549	-0.0135766	mg/L	0.00700549	51.60%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2505.9	0.0030863	mg/L	0.00004966	0.0030863	mg/L	0.00004966	1.61%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	91493.7	0.521236	mg/L	0.0014092	0.521236	mg/L	0.0014092	0.27%
QC value within limits for Vanadium Recovery = 104.25%								
Zinct	27569.3	1.01364	mg/L	0.010259	1.01364	mg/L	0.010259	1.01%
QC value within limits for Zinc Recovery = 101.36%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 55
Sample ID: CCV V-68336
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/20/2009 2:25:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1081233.3	96.5	%	1.59				1.65%
Yittrium	442302.9	93.6	%	0.53				0.57%
Aluminumt	153134.8	5.08106	mg/L	0.199506	5.08106	mg/L	0.199506	3.93%
QC value within limits for Aluminum Recovery = 101.62%								
Antimonyt	1479.7	0.502447	mg/L	0.0125735	0.502447	mg/L	0.0125735	2.50%
QC value within limits for Antimony Recovery = 100.49%								
Arsenict	666.3	0.492302	mg/L	0.0090472	0.492302	mg/L	0.0090472	1.84%
QC value within limits for Arsenic Recovery = 98.46%								
Bariumt	77554.8	0.511921	mg/L	0.0198384	0.511921	mg/L	0.0198384	3.88%
QC value within limits for Barium Recovery = 102.38%								
Berylliumt	1723876.1	0.496910	mg/L	0.0173675	0.496910	mg/L	0.0173675	3.50%
QC value within limits for Beryllium Recovery = 99.38%								
Cadmiumt	28481.1	0.503184	mg/L	0.0117606	0.503184	mg/L	0.0117606	2.34%
QC value within limits for Cadmium Recovery = 100.64%								
Calciumt	6386519.4	50.2183	mg/L	1.74086	50.2183	mg/L	1.74086	3.47%
QC value within limits for Calcium Recovery = 100.44%								
Chromiumt	48192.9	0.508385	mg/L	0.0195562	0.508385	mg/L	0.0195562	3.85%
QC value within limits for Chromium Recovery = 101.68%								
Cobaltt	24589.2	0.512516	mg/L	0.0111622	0.512516	mg/L	0.0111622	2.18%
QC value within limits for Cobalt Recovery = 102.50%								
Coppert	60785.9	0.499485	mg/L	0.0211143	0.499485	mg/L	0.0211143	4.23%
QC value within limits for Copper Recovery = 99.90%								
Iront	86639.9	5.17111	mg/L	0.213705	5.17111	mg/L	0.213705	4.13%
QC value within limits for Iron Recovery = 103.42%								
Leadt	7195.1	0.507049	mg/L	0.0096331	0.507049	mg/L	0.0096331	1.90%
QC value within limits for Lead Recovery = 101.41%								
Magnesiumt	914519.3	50.3791	mg/L	1.59771	50.3791	mg/L	1.59771	3.17%
QC value within limits for Magnesium Recovery = 100.76%								
Manganeset	257773.3	0.512767	mg/L	0.0186755	0.512767	mg/L	0.0186755	3.64%
QC value within limits for Manganese Recovery = 102.55%								
Molybdenumt	9740.8	0.493663	mg/L	0.0315643	0.493663	mg/L	0.0315643	6.39%
QC value within limits for Molybdenum Recovery = 98.73%								
Nickelt	29113.8	0.510295	mg/L	0.0114331	0.510295	mg/L	0.0114331	2.24%
QC value within limits for Nickel Recovery = 102.06%								
Potassiumt	13628.5						2630.04	19.30%
Unable to evaluate QC.								
Seleniumt	928.6	0.497836	mg/L	0.0079200	0.497836	mg/L	0.0079200	1.59%
QC value within limits for Selenium Recovery = 99.57%								
Silvert	20557.1	0.0989879	mg/L	0.00316186	0.0989879	mg/L	0.00316186	3.19%
QC value within limits for Silver Recovery = 98.99%								
Sodiumt	51868.7	47.5516	mg/L	1.80061	47.5516	mg/L	1.80061	3.79%
QC value within limits for Sodium Recovery = 95.10%								
Thalliumt	1043.4	0.511813	mg/L	0.0113945	0.511813	mg/L	0.0113945	2.23%
QC value within limits for Thallium Recovery = 102.36%								
Tint	2588.9	0.499053	mg/L	0.0138772	0.499053	mg/L	0.0138772	2.78%
QC value within limits for Tin Recovery = 99.81%								
Titaniumt	407089.2	0.501379	mg/L	0.0197160	0.501379	mg/L	0.0197160	3.93%
QC value within limits for Titanium Recovery = 100.28%								
Vanadiumt	84673.1	0.508893	mg/L	0.0213399	0.508893	mg/L	0.0213399	4.19%
QC value within limits for Vanadium Recovery = 101.78%								
Zinct	14083.1	0.506743	mg/L	0.0105390	0.506743	mg/L	0.0105390	2.08%
QC value within limits for Zinc Recovery = 101.35%								

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 56
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 7/20/2009 2:30:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	1119580.9	99.9	%	1.65				1.65%
Yittrium	470928.1	99.6	%	1.53				1.53%
Aluminumt	304.1	0.0100210	mg/L	0.00371355	0.0100210	mg/L	0.00371355	37.06%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	2.8	0.0009537	mg/L	0.00163046	0.0009537	mg/L	0.00163046	170.96%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	-2.1	-0.0015523	mg/L	0.00186890	-0.0015523	mg/L	0.00186890	120.40%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	-2.3	-0.0000152	mg/L	0.00016865	-0.0000152	mg/L	0.00016865	>999.9%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	118.0	0.0000340	mg/L	0.00005732	0.0000340	mg/L	0.00005732	168.83%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	-63.1	-0.0011147	mg/L	0.00029756	-0.0011147	mg/L	0.00029756	26.69%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	-566.3	-0.0044527	mg/L	0.00601014	-0.0044527	mg/L	0.00601014	134.98%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	1.7	0.0000598	mg/L	0.00016976	0.0000598	mg/L	0.00016976	283.66%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-14.1	-0.0002694	mg/L	0.00010527	-0.0002694	mg/L	0.00010527	39.08%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-39.8	-0.0003269	mg/L	0.00116824	-0.0003269	mg/L	0.00116824	357.39%
QC value within limits for Copper Recovery = Not calculated								
Iront	132.7	0.0079223	mg/L	0.00477599	0.0079223	mg/L	0.00477599	60.28%
QC value within limits for Iron Recovery = Not calculated								
Leadt	9.0	0.0006405	mg/L	0.00022456	0.0006405	mg/L	0.00022456	35.06%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	365.1	0.0201144	mg/L	0.00886979	0.0201144	mg/L	0.00886979	44.10%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	67.8	0.0001348	mg/L	0.00005081	0.0001348	mg/L	0.00005081	37.68%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	111.5	0.0058057	mg/L	0.00100717	0.0058057	mg/L	0.00100717	17.35%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	24.7	0.0004369	mg/L	0.00040068	0.0004369	mg/L	0.00040068	91.71%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-1369.2						950.52	69.42%
Unable to evaluate QC.								
Seleniumt	7.0	0.0037145	mg/L	0.00965501	0.0037145	mg/L	0.00965501	259.93%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	37.9	0.0001824	mg/L	0.00041934	0.0001824	mg/L	0.00041934	229.86%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-14.5	-0.0127082	mg/L	0.12978643	-0.0127082	mg/L	0.12978643	>999.9%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-3.9	-0.0018683	mg/L	0.00354352	-0.0018683	mg/L	0.00354352	189.66%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-14.6	-0.0028486	mg/L	0.00024103	-0.0028486	mg/L	0.00024103	8.46%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	103.1	0.0001270	mg/L	0.00002520	0.0001270	mg/L	0.00002520	19.85%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	67.3	0.0004288	mg/L	0.00039200	0.0004288	mg/L	0.00039200	91.42%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-43.7	-0.0015707	mg/L	0.00038808	-0.0015707	mg/L	0.00038808	24.71%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC. One or more analytes were not evaluated.

File 810390 A2.

Batch 10390 soil

Analyst 7/20/09

Method Loaded
Method Name: PE2 RADIAL
IEC File: IEC32409R.iec
Method Description: 200.7/SW846

Method Last Saved: 7/16/2009 4:14:39 PM
MSF File:

7/21/09

Sequence No.: 1
Sample ID: Calib Blank 1 V-68816
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/19/2009 10:34:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1 V-68816

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	7349.8	14.58	0.20%	100.000	%
Scanadium	15293.2	241.57	1.58%	100	%
Aluminumt	565.6	10.25	1.81%	[0.00]	mg/L
Calciumt	543.8	19.98	3.67%	[0.00]	mg/L
Iront	-605.6	14.97	2.47%	[0.00]	mg/L
Magnesiumt	-997.6	27.83	2.79%	[0.00]	mg/L
Manganeset	-277.0	5.13	1.85%	[0.00]	mg/L
Potassiumt	1003.6	6.23	0.62%	[0.00]	mg/L
Sodiumt	4021.7	84.54	2.10%	[0.00]	mg/L
Titaniumt	148.6	16.08	10.82%	[0.00]	mg/L

10390

earth elements reported

Sequence No.: 2 **Autosampler Location: 9**
Sample ID: Calib 1 V-68472 **Date Collected: 7/19/2009 10:47:25 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: Calib 1 V-68472

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	7309.5	12.89	0.18%	99.4519	%
Scanadium	15532.9	3.85	0.02%	102	%
Aluminumt	36.7	1.10	2.99%	[0.1]	mg/L
Calciumt	2311.2	11.09	0.48%	[1]	mg/L
Iront	24.0	1.74	7.25%	[0.1]	mg/L
Magnesiumt	347.6	12.12	3.49%	[1]	mg/L
Manganeset	57.5	1.94	3.38%	[0.01]	mg/L
Potassiumt	2006.0	81.66	4.07%	[1]	mg/L
Sodiumt	6739.2	23.73	0.35%	[1]	mg/L
Titaniumt	106.4	1.51	1.42%	[0.01]	mg/L

Sequence No.: 3
Sample ID: Calib 2 V-68473
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/19/2009 10:50:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 2 V-68473

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	7181.1	45.44	0.63%	97.7055	%
Scanadium	15288.7	4.15	0.03%	100.0	%
Aluminumt	1595.0	1.29	0.08%	[5]	mg/L
Calciumt	100363.1	379.25	0.38%	[50]	mg/L
Iront	1143.0	9.20	0.81%	[5]	mg/L
Magnesiumt	16272.1	31.08	0.19%	[50]	mg/L
Manganeset	2990.2	1.14	0.04%	[0.5]	mg/L
Potassiumt	111200.6	420.21	0.38%	[50]	mg/L
Sodiumt	352926.5	114.23	0.03%	[50]	mg/L
Titaniumt	5368.0	6.81	0.13%	[0.5]	mg/L

Sequence No.: 4
Sample ID: Calib 3 V-69300
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/19/2009 10:53:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 3 V-69300

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	7184.9	7.58	0.11%	97.7565	%
Scanadium	15323.5	6.58	0.04%	100	%
Aluminumt	3167.7	20.77	0.66%	[10]	mg/L
Calciumt	198948.4	1605.32	0.81%	[100]	mg/L
Iront	2285.5	12.33	0.54%	[10]	mg/L
Magnesiumt	32484.9	126.04	0.39%	[100]	mg/L
Manganeset	5964.6	26.71	0.45%	[1.0]	mg/L
Potassiumt	229506.9	2093.72	0.91%	[100]	mg/L
Sodiumt	712363.2	4161.63	0.58%	[100]	mg/L
Titaniumt	10723.3	36.51	0.34%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum	3	Lin Thru 0	0.0	317.2	0.00000	0.999995	
Calcium	3	Lin Thru 0	0.0	1993	0.00000	0.999993	
Iron	3	Lin Thru 0	0.0	228.6	0.00000	1.000000	
Magnesium	3	Lin Thru 0	0.0	325.0	0.00000	1.000000	
Manganese	3	Lin Thru 0	0.0	5968	0.00000	0.999999	
Potassium	3	Lin Thru 0	0.0	2281	0.00000	0.999922	
Sodium	3	Lin Thru 0	0.0	7111	0.00000	0.999993	
Titanium	3	Lin Thru 0	0.0	10730	0.00000	1.000000	

Sequence No.: 5
Sample ID: ICS3 V-68473
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/19/2009 10:57:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS3 V-68473

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7178.3	97.6662	%	0.12970				0.13%
Scanadium	15248.0	99.7	%	0.26				0.26%
Aluminum†	1590.4	5.01375	mg/L	0.015562	5.01375	mg/L	0.015562	0.31%
QC value within limits for Aluminum Recovery = 100.28%								
Calcium†	98955.4	49.6499	mg/L	0.61706	49.6499	mg/L	0.61706	1.24%
QC value within limits for Calcium Recovery = 99.30%								
Iron†	1138.6	4.98172	mg/L	0.033250	4.98172	mg/L	0.033250	0.67%
QC value within limits for Iron Recovery = 99.63%								
Magnesium†	16244.6	49.9881	mg/L	0.06785	49.9881	mg/L	0.06785	0.14%
QC value within limits for Magnesium Recovery = 99.98%								
Manganese†	2976.8	0.502321	mg/L	0.0032124	0.502321	mg/L	0.0032124	0.64%
QC value within limits for Manganese Recovery = 100.46%								
Potassium†	110196.9	48.3142	mg/L	0.51840	48.3142	mg/L	0.51840	1.07%
QC value within limits for Potassium Recovery = 96.63%								
Sodium†	349646.0	49.1726	mg/L	0.47432	49.1726	mg/L	0.47432	0.96%
QC value within limits for Sodium Recovery = 98.35%								
Titanium†	5372.6	0.505169	mg/L	0.0006655	0.505169	mg/L	0.0006655	0.13%
QC value within limits for Titanium Recovery = 101.03%								

All analyte(s) passed QC.

Sequence No.: 6 **Autosampler Location: 11**
Sample ID: ICV V-68813 (2) **Date Collected: 7/19/2009 11:00:35 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICV V-68813 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7197.2	97.9240	%	0.31865				0.33%
Scanadium	15321.8	100	%	0.0				0.03%
Aluminum†	3170.6	9.99503	mg/L	0.046361	9.99503	mg/L	0.046361	0.46%
QC value within limits for Aluminum Recovery = 99.95%								
Calcium†	199088.0	99.8904	mg/L	1.17052	99.8904	mg/L	1.17052	1.17%
QC value within limits for Calcium Recovery = 99.89%								
Iron†	2291.4	10.0252	mg/L	0.08606	10.0252	mg/L	0.08606	0.86%
QC value within limits for Iron Recovery = 100.25%								
Magnesium†	32467.1	99.9080	mg/L	0.22989	99.9080	mg/L	0.22989	0.23%
QC value within limits for Magnesium Recovery = 99.91%								
Manganese†	5974.1	1.00811	mg/L	0.003183	1.00811	mg/L	0.003183	0.32%
QC value within limits for Manganese Recovery = 100.81%								
Potassium†	229923.3	100.807	mg/L	1.0302	100.807	mg/L	1.0302	1.02%
QC value within limits for Potassium Recovery = 100.81%								
Sodium†	713417.7	100.332	mg/L	1.0263	100.332	mg/L	1.0263	1.02%
QC value within limits for Sodium Recovery = 100.33%								
Titanium†	10783.2	1.01393	mg/L	0.001881	1.01393	mg/L	0.001881	0.19%
QC value within limits for Titanium Recovery = 101.39%								

All analyte(s) passed QC.

Sequence No.: 7 **Autosampler Location: 1**
Sample ID: ICB V-68816 **Date Collected: 7/19/2009 11:03:53 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICB V-68816

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7287.5	99.1522	%	0.48237				0.49%
Scanadium	15283.1	99.9	%	0.69				0.70%
Aluminum†	1.7	0.0054781	mg/L	0.02851266	0.0054781	mg/L	0.02851266	520.49%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	13.4	0.0067159	mg/L	0.00185013	0.0067159	mg/L	0.00185013	27.55%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	-4.0	-0.0175521	mg/L	0.00552762	-0.0175521	mg/L	0.00552762	31.49%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	1.1	0.0032763	mg/L	0.05410287	0.0032763	mg/L	0.05410287	>999.9%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-4.2	-0.0007106	mg/L	0.00085933	-0.0007106	mg/L	0.00085933	120.93%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	255.3	0.111919	mg/L	0.0260233	0.111919	mg/L	0.0260233	23.25%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	631.9	0.0888613	mg/L	0.00427795	0.0888613	mg/L	0.00427795	4.81%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	17.4	0.0016225	mg/L	0.00006893	0.0016225	mg/L	0.00006893	4.25%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 8 **Autosampler Location: 7**
Sample ID: ICSA V-68333 **Date Collected: 7/19/2009 11:07:08 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7049.1	95.9094	%	0.52187				0.54%
Scanadium	15330.1	100	%	0.1				0.13%
Aluminum†	153274.3	483.188	mg/L	1.7323	483.188	mg/L	1.7323	0.36%
QC value within limits for Aluminum Recovery = 96.64%								
Calcium†	946947.8	475.121	mg/L	1.3827	475.121	mg/L	1.3827	0.29%
QC value within limits for Calcium Recovery = 95.02%								
Iron†	44876.0	196.344	mg/L	0.8730	196.344	mg/L	0.8730	0.44%
QC value within limits for Iron Recovery = 98.17%								
Magnesium†	161931.8	498.298	mg/L	1.9140	498.298	mg/L	1.9140	0.38%
QC value within limits for Magnesium Recovery = 99.66%								
Manganese†	-1380.3	-0.0934347	mg/L	0.00054995	-0.0934347	mg/L	0.00054995	0.59%
QC value within limits for Manganese Recovery = -9.34%								
Potassium†	849.0	0.372242	mg/L	0.0167909	0.372242	mg/L	0.0167909	4.51%
QC value within limits for Potassium Recovery = 37.22%								
Sodium†	4417.1	0.621207	mg/L	0.0120899	0.621207	mg/L	0.0120899	1.95%
QC value within limits for Sodium Recovery = 62.12%								
Titanium†	-174.1	0.0245675	mg/L	0.00047487	0.0245675	mg/L	0.00047487	1.93%
QC value within limits for Titanium Recovery = 2.46%								

All analyte(s) passed QC.

Sequence No.: 9 **Autosampler Location: 8**
Sample ID: ICSAB V-68334 **Date Collected: 7/19/2009 11:09:55 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7077.9	96.3003	%	0.12238				0.13%
Scanadium	15208.0	99.4	%	0.10				0.10%
Aluminum†	156935.2	494.728	mg/L	4.2282	494.728	mg/L	4.2282	0.85%
QC value within limits for Aluminum Recovery = 98.95%								
Calcium†	968321.3	485.845	mg/L	5.0310	485.845	mg/L	5.0310	1.04%
QC value within limits for Calcium Recovery = 97.17%								
Iron†	45745.1	200.147	mg/L	0.3608	200.147	mg/L	0.3608	0.18%
QC value within limits for Iron Recovery = 100.07%								
Magnesium†	165078.3	507.981	mg/L	5.8146	507.981	mg/L	5.8146	1.14%
QC value within limits for Magnesium Recovery = 101.60%								
Manganese†	1591.6	0.407226	mg/L	0.0000600	0.407226	mg/L	0.0000600	0.01%
QC value within limits for Manganese Recovery = 81.45%								
Potassium†	829.9	0.363845	mg/L	0.0386184	0.363845	mg/L	0.0386184	10.61%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	4022.4	0.565698	mg/L	0.0015180	0.565698	mg/L	0.0015180	0.27%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-202.6	0.0228397	mg/L	0.00133859	0.0228397	mg/L	0.00133859	5.86%

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: MB 10390 (100)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 7/19/2009 11:12:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 10390 (100)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	7265.9	98.8589	%	0.44576				0.45%
Scanadium	15180.8	99.3	%	1.45				1.46%
Aluminumt	21.6	0.0679433	mg/L	0.01747086	0.0679433	mg/L	0.01747086	25.71%
Calciumt	225.3	0.113055	mg/L	0.0009209	0.113055	mg/L	0.0009209	0.81%
Iront	123.3	0.539616	mg/L	0.0118674	0.539616	mg/L	0.0118674	2.20%
Magnesiumt	-20.4	-0.0628726	mg/L	0.04418475	-0.0628726	mg/L	0.04418475	70.28%
Manganeset	-4.6	-0.0003904	mg/L	0.00052846	-0.0003904	mg/L	0.00052846	135.36%
Potassiumt	26.7	0.0116963	mg/L	0.02754575	0.0116963	mg/L	0.02754575	235.51%
Sodiumt	1732.2	0.243603	mg/L	0.0131688	0.243603	mg/L	0.0131688	5.41%
Titaniumt	67.1	0.0062650	mg/L	0.00040307	0.0062650	mg/L	0.00040307	6.43%

Sequence No.: 11
Sample ID: LCS 100
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 7/19/2009 11:16:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS 100

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	9315.8	126.749	%	0.1937				0.15%
Scanadium	16251.7	106	%	0.1				0.06%
Aluminumt	25441.4	80.2023	mg/L	0.44788	80.2023	mg/L	0.44788	0.56%
Calciumt	164190.7	82.3810	mg/L	0.46229	82.3810	mg/L	0.46229	0.56%
Iront	37501.7	164.079	mg/L	0.9511	164.079	mg/L	0.9511	0.58%
Magnesiumt	14223.2	43.7678	mg/L	0.26990	43.7678	mg/L	0.26990	0.62%
Manganeset	31505.6	5.39452	mg/L	0.032798	5.39452	mg/L	0.032798	0.61%
Potassiumt	76391.5	33.4928	mg/L	0.22256	33.4928	mg/L	0.22256	0.66%
Sodiumt	55842.9	7.85350	mg/L	0.053192	7.85350	mg/L	0.053192	0.68%
Titaniumt	40599.0	3.79225	mg/L	0.016531	3.79225	mg/L	0.016531	0.44%

Sequence No.: 12
Sample ID: LCS 100 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 7/19/2009 11:18:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS 100 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	9321.8	126.830	%	0.7028				0.55%
Scanadium	16386.2	107	%	0.1				0.07%
Aluminum†	26056.7	82.1421	mg/L	0.02224	82.1421	mg/L	0.02224	0.03%
Calcium†	171918.7	86.2585	mg/L	0.07732	86.2585	mg/L	0.07732	0.09%
Iron†	38853.6	169.994	mg/L	0.4650	169.994	mg/L	0.4650	0.27%
Magnesium†	14510.9	44.6532	mg/L	0.07905	44.6532	mg/L	0.07905	0.18%
Manganese†	32564.0	5.57604	mg/L	0.003485	5.57604	mg/L	0.003485	0.06%
Potassium†	77176.4	33.8369	mg/L	0.11949	33.8369	mg/L	0.11949	0.35%
Sodium†	56866.2	7.99740	mg/L	0.000139	7.99740	mg/L	0.000139	0.00%
Titanium†	42967.5	4.01341	mg/L	0.000845	4.01341	mg/L	0.000845	0.02%

Sequence No.: 13
Sample ID: 45774-005
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 7/19/2009 11:21:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-005

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7597.8	103.375	%	0.0575				0.06%
Scanadium	15424.9	101	%	0.0				0.04%
Aluminumt	4302.9	13.5645	mg/L	0.09577	13.5645	mg/L	0.09577	0.71%
Calciumt	952.6	0.477978	mg/L	0.0009821	0.477978	mg/L	0.0009821	0.21%
Iront	9047.6	39.5857	mg/L	0.06306	39.5857	mg/L	0.06306	0.16%
Magnesiumt	726.5	2.23569	mg/L	0.012158	2.23569	mg/L	0.012158	0.54%
Manganeset	1249.6	0.237179	mg/L	0.0012615	0.237179	mg/L	0.0012615	0.53%
Potassiumt	3664.3	1.60654	mg/L	0.018533	1.60654	mg/L	0.018533	1.15%
Sodiumt	3505.9	0.493051	mg/L	0.0111727	0.493051	mg/L	0.0111727	2.27%
Titaniumt	7530.2	0.702108	mg/L	0.0030882	0.702108	mg/L	0.0030882	0.44%

Sequence No.: 14
Sample ID: 45774-005 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 7/19/2009 11:24:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-005 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7489.0	101.893	%	0.0173				0.02%
Scanadium	15364.4	100	%	0.1				0.12%
Aluminumt	4592.1	14.4762	mg/L	0.03159	14.4762	mg/L	0.03159	0.22%
Calciumt	803.0	0.402888	mg/L	0.0018348	0.402888	mg/L	0.0018348	0.46%
Iront	5461.6	23.8958	mg/L	0.04174	23.8958	mg/L	0.04174	0.17%
Magnesiumt	762.2	2.34540	mg/L	0.073462	2.34540	mg/L	0.073462	3.13%
Manganeset	1302.3	0.235004	mg/L	0.0024105	0.235004	mg/L	0.0024105	1.03%
Potassiumt	3696.1	1.62049	mg/L	0.033137	1.62049	mg/L	0.033137	2.04%
Sodiumt	3220.7	0.452940	mg/L	0.0194603	0.452940	mg/L	0.0194603	4.30%
Titaniumt	7635.5	0.711919	mg/L	0.0018864	0.711919	mg/L	0.0018864	0.26%

Sequence No.: 15
Sample ID: 45774-006 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 7/19/2009 11:27:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-006 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7639.6	103.943	%	0.8687				0.84%
Scanadium	15496.6	101	%	0.3				0.30%
Aluminumt	8150.2	25.6929	mg/L	0.24762	25.6929	mg/L	0.24762	0.96%
Calciumt	94696.1	47.5128	mg/L	0.17805	47.5128	mg/L	0.17805	0.37%
Iront	16915.2	74.0082	mg/L	0.30914	74.0082	mg/L	0.30914	0.42%
Magnesiumt	16353.6	50.3234	mg/L	0.09779	50.3234	mg/L	0.09779	0.19%
Manganeset	6625.8	1.16223	mg/L	0.002116	1.16223	mg/L	0.002116	0.18%
Potassiumt	106375.2	46.6387	mg/L	0.89060	46.6387	mg/L	0.89060	1.91%
Sodiumt	330992.8	46.5493	mg/L	0.86466	46.5493	mg/L	0.86466	1.86%
Titaniumt	17560.6	1.64131	mg/L	0.009551	1.64131	mg/L	0.009551	0.58%

Sequence No.: 16
Sample ID: 45774-007 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 7/19/2009 11:30:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-007 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7618.9	103.662	%	0.4615				0.45%
Scanadium	15318.9	100	%	0.1				0.13%
Aluminumt	6940.5	21.8795	mg/L	0.06992	21.8795	mg/L	0.06992	0.32%
Calciumt	93356.1	46.8405	mg/L	0.20302	46.8405	mg/L	0.20302	0.43%
Iront	8994.5	39.3532	mg/L	0.05311	39.3532	mg/L	0.05311	0.13%
Magnesiumt	16555.2	50.9439	mg/L	0.04477	50.9439	mg/L	0.04477	0.09%
Manganeset	5007.2	0.866669	mg/L	0.0013840	0.866669	mg/L	0.0013840	0.16%
Potassiumt	105758.1	46.3681	mg/L	0.32606	46.3681	mg/L	0.32606	0.70%
Sodiumt	331103.1	46.5648	mg/L	0.15304	46.5648	mg/L	0.15304	0.33%
Titaniumt	15358.4	1.43593	mg/L	0.003698	1.43593	mg/L	0.003698	0.26%

Sequence No.: 17
Sample ID: 45774-005 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 7/19/2009 11:33:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-005 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7583.0	103.173	%	0.9299				0.90%
Scanadium	15399.3	101	%	1.1				1.06%
Aluminumt	5650.1	17.8115	mg/L	0.02739	17.8115	mg/L	0.02739	0.15%
Calciumt	95326.5	47.8291	mg/L	0.02244	47.8291	mg/L	0.02244	0.05%
Iront	9817.6	42.9543	mg/L	0.00237	42.9543	mg/L	0.00237	0.01%
Magnesiumt	16349.3	50.3102	mg/L	0.34881	50.3102	mg/L	0.34881	0.69%
Manganeset	4085.5	0.714757	mg/L	0.0066224	0.714757	mg/L	0.0066224	0.93%
Potassiumt	110148.9	48.2932	mg/L	0.21469	48.2932	mg/L	0.21469	0.44%
Sodiumt	339905.4	47.8027	mg/L	0.11274	47.8027	mg/L	0.11274	0.24%
Titaniumt	12442.7	1.16418	mg/L	0.001624	1.16418	mg/L	0.001624	0.14%

Sequence No.: 18 **Autosampler Location: 6**
Sample ID: CCV V-68336 **Date Collected: 7/19/2009 11:36:14 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Yittrium	7167.5	97.5201	%	0.20282				0.21%
Scanadium	15203.0	99.4	%	0.34				0.35%
Aluminumt	1619.4	5.10493	mg/L	0.007714	5.10493	mg/L	0.007714	0.15%
QC value within limits for Aluminum Recovery = 102.10%								
Calciumt	100506.6	50.4282	mg/L	0.54714	50.4282	mg/L	0.54714	1.08%
QC value within limits for Calcium Recovery = 100.86%								
Iront	1159.7	5.07415	mg/L	0.019972	5.07415	mg/L	0.019972	0.39%
QC value within limits for Iron Recovery = 101.48%								
Magnesiumt	16409.9	50.4966	mg/L	0.24120	50.4966	mg/L	0.24120	0.48%
QC value within limits for Magnesium Recovery = 100.99%								
Manganeset	3009.2	0.507808	mg/L	0.0030603	0.507808	mg/L	0.0030603	0.60%
QC value within limits for Manganese Recovery = 101.56%								
Potassiumt	111752.0	48.9961	mg/L	0.41859	48.9961	mg/L	0.41859	0.85%
QC value within limits for Potassium Recovery = 97.99%								
Sodiumt	354608.0	49.8705	mg/L	0.42743	49.8705	mg/L	0.42743	0.86%
QC value within limits for Sodium Recovery = 99.74%								
Titaniumt	5457.8	0.513180	mg/L	0.0012427	0.513180	mg/L	0.0012427	0.24%
QC value within limits for Titanium Recovery = 102.64%								

All analyte(s) passed QC.

Sequence No.: 19
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 7/19/2009 11:39:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7226.7	98.3247	%	0.86446				0.88%
Scanadium	15044.8	98.4	%	0.51				0.52%
Aluminum†	14.5	0.0458436	mg/L	0.01026558	0.0458436	mg/L	0.01026558	22.39%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	73.0	0.0366373	mg/L	0.00853946	0.0366373	mg/L	0.00853946	23.31%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	-12.3	-0.0539127	mg/L	0.01452803	-0.0539127	mg/L	0.01452803	26.95%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	-4.0	-0.0122406	mg/L	0.01431681	-0.0122406	mg/L	0.01431681	116.96%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-13.3	-0.0022587	mg/L	0.00005064	-0.0022587	mg/L	0.00005064	2.24%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	101.4	0.0444759	mg/L	0.03416372	0.0444759	mg/L	0.03416372	76.81%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	-36.2	-0.0050942	mg/L	0.00530570	-0.0050942	mg/L	0.00530570	104.15%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	24.9	0.0023237	mg/L	0.00137668	0.0023237	mg/L	0.00137668	59.25%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 20
Sample ID: 45774-005 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 7/19/2009 11:42:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-005 SD

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7307.7	99.4275	%	0.53324				0.54%
Scanadium	15263.6	99.8	%	0.95				0.95%
Aluminumt	843.5	2.65907	mg/L	0.061717	2.65907	mg/L	0.061717	2.32%
Calciumt	230.4	0.115612	mg/L	0.0081981	0.115612	mg/L	0.0081981	7.09%
Iront	1766.6	7.72917	mg/L	0.058275	7.72917	mg/L	0.058275	0.75%
Magnesiumt	139.0	0.427635	mg/L	0.0774380	0.427635	mg/L	0.0774380	18.11%
Manganeset	240.0	0.0456508	mg/L	0.00060355	0.0456508	mg/L	0.00060355	1.32%
Potassiumt	680.7	0.298434	mg/L	0.0284746	0.298434	mg/L	0.0284746	9.54%
Sodiumt	546.8	0.0769030	mg/L	0.00613322	0.0769030	mg/L	0.00613322	7.98%
Titaniumt	1471.5	0.137201	mg/L	0.0017386	0.137201	mg/L	0.0017386	1.27%

Sequence No.: 21
Sample ID: 45774-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 7/19/2009 11:46:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7481.9	101.797	%	0.5343				0.52%
Scanadium	15350.9	100	%	0.9				0.88%
Aluminumt	5801.7	18.2896	mg/L	0.00391	18.2896	mg/L	0.00391	0.02%
Calciumt	543.2	0.272529	mg/L	0.0007265	0.272529	mg/L	0.0007265	0.27%
Iront	7202.1	31.5110	mg/L	0.07420	31.5110	mg/L	0.07420	0.24%
Magnesiumt	413.8	1.27346	mg/L	0.001102	1.27346	mg/L	0.001102	0.09%
Manganeset	1369.7	0.251635	mg/L	0.0011181	0.251635	mg/L	0.0011181	0.44%
Potassiumt	2076.7	0.910503	mg/L	0.0195265	0.910503	mg/L	0.0195265	2.14%
Sodiumt	2396.2	0.336996	mg/L	0.0150471	0.336996	mg/L	0.0150471	4.47%
Titaniumt	5290.8	0.493302	mg/L	0.0001543	0.493302	mg/L	0.0001543	0.03%

Sequence No.: 22
Sample ID: 45774-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 7/19/2009 11:49:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-002

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7510.8	102.191	%	0.3060				0.30%
Scanadium	15465.0	101	%	0.1				0.13%
Aluminumt	10600.8	33.4182	mg/L	0.12066	33.4182	mg/L	0.12066	0.36%
Calciumt	15904.0	7.97966	mg/L	0.005939	7.97966	mg/L	0.005939	0.07%
Iront	28189.4	123.336	mg/L	0.2147	123.336	mg/L	0.2147	0.17%
Magnesiumt	1406.7	4.32870	mg/L	0.006408	4.32870	mg/L	0.006408	0.15%
Manganeset	9073.4	1.60701	mg/L	0.005201	1.60701	mg/L	0.005201	0.32%
Potassiumt	2936.5	1.28747	mg/L	0.028131	1.28747	mg/L	0.028131	2.19%
Sodiumt	12012.7	1.68941	mg/L	0.000317	1.68941	mg/L	0.000317	0.02%
Titaniumt	9793.2	0.913740	mg/L	0.0003475	0.913740	mg/L	0.0003475	0.04%

Sequence No.: 23
Sample ID: 45774-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 65
Date Collected: 7/19/2009 11:52:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-003

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7296.8	99.2791	%	0.03303				0.03%
Scanadium	15300.2	100	%	0.1				0.14%
Aluminumt	3281.9	10.3459	mg/L	0.05489	10.3459	mg/L	0.05489	0.53%
Calciumt	2534.9	1.27188	mg/L	0.000722	1.27188	mg/L	0.000722	0.06%
Iront	8861.4	38.7708	mg/L	0.22624	38.7708	mg/L	0.22624	0.58%
Magnesiumt	548.3	1.68712	mg/L	0.009852	1.68712	mg/L	0.009852	0.58%
Manganeset	6069.6	1.04429	mg/L	0.005977	1.04429	mg/L	0.005977	0.57%
Potassiumt	2357.0	1.03341	mg/L	0.065449	1.03341	mg/L	0.065449	6.33%
Sodiumt	2836.1	0.398849	mg/L	0.0363841	0.398849	mg/L	0.0363841	9.12%
Titaniumt	4563.7	0.425595	mg/L	0.0035661	0.425595	mg/L	0.0035661	0.84%

Sequence No.: 24
Sample ID: 45774-004
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 66
Date Collected: 7/19/2009 11:55:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-004

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7517.6	102.283	%	0.4604				0.45%
Scanadium	15417.6	101	%	0.4				0.43%
Aluminumt	5661.1	17.8462	mg/L	0.06762	17.8462	mg/L	0.06762	0.38%
Calciumt	2458.2	1.23336	mg/L	0.000432	1.23336	mg/L	0.000432	0.04%
Iront	13881.9	60.7370	mg/L	0.17325	60.7370	mg/L	0.17325	0.29%
Magnesiumt	1881.6	5.79010	mg/L	0.002020	5.79010	mg/L	0.002020	0.03%
Manganeset	11016.5	1.88866	mg/L	0.002048	1.88866	mg/L	0.002048	0.11%
Potassiumt	9943.0	4.35939	mg/L	0.076965	4.35939	mg/L	0.076965	1.77%
Sodiumt	6170.9	0.867843	mg/L	0.0048753	0.867843	mg/L	0.0048753	0.56%
Titaniumt	16305.5	1.52032	mg/L	0.003561	1.52032	mg/L	0.003561	0.23%

Sequence No.: 25
Sample ID: 45774-015
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 7/19/2009 11:59:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-015

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7515.8	102.258	%	0.4618				0.45%
Scanadium	15444.0	101	%	0.5				0.53%
Aluminumt	4956.5	15.6250	mg/L	0.06808	15.6250	mg/L	0.06808	0.44%
Calciumt	576.9	0.289473	mg/L	0.0005764	0.289473	mg/L	0.0005764	0.20%
Iront	7487.0	32.7574	mg/L	0.06060	32.7574	mg/L	0.06060	0.19%
Magnesiumt	257.6	0.792700	mg/L	0.0055764	0.792700	mg/L	0.0055764	0.70%
Manganeset	1725.9	0.312205	mg/L	0.0005449	0.312205	mg/L	0.0005449	0.17%
Potassiumt	1212.7	0.531683	mg/L	0.0305590	0.531683	mg/L	0.0305590	5.75%
Sodiumt	2028.6	0.285289	mg/L	0.0274182	0.285289	mg/L	0.0274182	9.61%
Titaniumt	4105.5	0.382790	mg/L	0.0024289	0.382790	mg/L	0.0024289	0.63%

Sequence No.: 26 **Autosampler Location: 7**
Sample ID: ICSA V-68333 **Date Collected: 7/20/2009 12:02:33 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6964.3	94.7547	%	0.24931				0.26%
Scanadium	15017.6	98.2	%	0.08				0.08%
Aluminum†	152711.9	481.415	mg/L	1.1968	481.415	mg/L	1.1968	0.25%
QC value within limits for Aluminum Recovery = 96.28%								
Calcium†	941186.0	472.231	mg/L	0.8840	472.231	mg/L	0.8840	0.19%
QC value within limits for Calcium Recovery = 94.45%								
Iron†	44632.8	195.280	mg/L	1.2535	195.280	mg/L	1.2535	0.64%
QC value within limits for Iron Recovery = 97.64%								
Magnesium†	160310.1	493.308	mg/L	0.1680	493.308	mg/L	0.1680	0.03%
QC value within limits for Magnesium Recovery = 98.66%								
Manganese†	-1361.4	-0.0910187	mg/L	0.00095528	-0.0910187	mg/L	0.00095528	1.05%
QC value within limits for Manganese Recovery = -9.10%								
Potassium†	678.2	0.297332	mg/L	0.0225947	0.297332	mg/L	0.0225947	7.60%
QC value within limits for Potassium Recovery = 29.73%								
Sodium†	3693.9	0.519486	mg/L	0.0098305	0.519486	mg/L	0.0098305	1.89%
QC value within limits for Sodium Recovery = 51.95%								
Titanium†	-161.7	0.0254837	mg/L	0.00019381	0.0254837	mg/L	0.00019381	0.76%
QC value within limits for Titanium Recovery = 2.55%								

All analyte(s) passed QC.

Sequence No.: 27 **Autosampler Location: 8**
Sample ID: ICSAB V-68334 **Date Collected: 7/20/2009 12:05:20 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7028.1	95.6227	%	0.28074				0.29%
Scanadium	15148.8	99.1	%	0.66				0.67%
Aluminum†	154494.2	487.033	mg/L	1.5102	487.033	mg/L	1.5102	0.31%
QC value within limits for Aluminum Recovery = 97.41%								
Calcium†	949861.2	476.583	mg/L	0.7405	476.583	mg/L	0.7405	0.16%
QC value within limits for Calcium Recovery = 95.32%								
Iron†	45545.1	199.272	mg/L	0.4010	199.272	mg/L	0.4010	0.20%
QC value within limits for Iron Recovery = 99.64%								
Magnesium†	161179.0	495.982	mg/L	1.4520	495.982	mg/L	1.4520	0.29%
QC value within limits for Magnesium Recovery = 99.20%								
Manganese†	1590.5	0.406422	mg/L	0.0007654	0.406422	mg/L	0.0007654	0.19%
QC value within limits for Manganese Recovery = 81.28%								
Potassium†	529.7	0.232246	mg/L	0.0020617	0.232246	mg/L	0.0020617	0.89%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	3134.5	0.440819	mg/L	0.0122868	0.440819	mg/L	0.0122868	2.79%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-228.9	0.0195888	mg/L	0.00119949	0.0195888	mg/L	0.00119949	6.12%

All analyte(s) passed QC.

Sequence No.: 28 **Autosampler Location: 6**
Sample ID: CCV V-68336 **Date Collected: 7/20/2009 12:08:08 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7082.4	96.3620	%	0.99472				1.03%
Scanadium	15084.6	98.6	%	0.54				0.55%
Aluminum†	1616.5	5.09592	mg/L	0.015136	5.09592	mg/L	0.015136	0.30%
QC value within limits for Aluminum Recovery = 101.92%								
Calcium†	99837.7	50.0925	mg/L	0.21838	50.0925	mg/L	0.21838	0.44%
QC value within limits for Calcium Recovery = 100.19%								
Iron†	1153.2	5.04567	mg/L	0.074018	5.04567	mg/L	0.074018	1.47%
QC value within limits for Iron Recovery = 100.91%								
Magnesium†	16283.0	50.1063	mg/L	0.37248	50.1063	mg/L	0.37248	0.74%
QC value within limits for Magnesium Recovery = 100.21%								
Manganese†	3002.1	0.506591	mg/L	0.0015918	0.506591	mg/L	0.0015918	0.31%
QC value within limits for Manganese Recovery = 101.32%								
Potassium†	111798.9	49.0166	mg/L	0.19822	49.0166	mg/L	0.19822	0.40%
QC value within limits for Potassium Recovery = 98.03%								
Sodium†	353508.0	49.7158	mg/L	0.15548	49.7158	mg/L	0.15548	0.31%
QC value within limits for Sodium Recovery = 99.43%								
Titanium†	5442.2	0.511699	mg/L	0.0011125	0.511699	mg/L	0.0011125	0.22%
QC value within limits for Titanium Recovery = 102.34%								

All analyte(s) passed QC.

Sequence No.: 29 **Autosampler Location: 2**
Sample ID: CCB **Date Collected: 7/20/2009 12:11:23 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7177.8	97.6596	%	0.19334				0.20%
Scanadium	15073.1	98.6	%	0.49				0.50%
Aluminum†	8.4	0.0264346	mg/L	0.00364126	0.0264346	mg/L	0.00364126	13.77%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	112.1	0.0562312	mg/L	0.00683825	0.0562312	mg/L	0.00683825	12.16%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	-2.1	-0.0091273	mg/L	0.05461572	-0.0091273	mg/L	0.05461572	598.37%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	6.9	0.0211724	mg/L	0.00607558	0.0211724	mg/L	0.00607558	28.70%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-4.4	-0.0007441	mg/L	0.00012591	-0.0007441	mg/L	0.00012591	16.92%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	32.7	0.0143284	mg/L	0.02131277	0.0143284	mg/L	0.02131277	148.74%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	-507.1	-0.0713132	mg/L	0.00200110	-0.0713132	mg/L	0.00200110	2.81%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	4.0	0.0003801	mg/L	0.00001944	0.0003801	mg/L	0.00001944	5.11%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Method: HgCV1 SOIL (7471A) Page 1 Date: 7/21/2009 11:03:38 AM

1ST RV/ANALYST 7/21/09 V-69870

Analysis Begun

Logged In Analyst: johns
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: AS-91

Sample Information File: C:\data-AA\johns\Sample Information\H10390S.sif 7/22/09
Batch ID: H10390S
Results Data Set: H10390S
Results Library: C:\data-AA\johns\Results\Results.mdb

Method Loaded
Method Name: HgCV1 SOIL (7471A)
Method Last Saved: 2/15/2008 9:16:32 AM
Method Description: HgCV1 SOIL (7471A)

Sequence No.: 1
Autosampler Location: 1
Sample ID: Calibration Blank
Date Collected: 7/21/2009 10:58:05 AM
Analyst:
Data Type: Original

Replicate Data: Calibration Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0001	0.0012	0.0001	10:59:03	No
2		[0.00]	0.0000	-0.0003	0.0000	10:59:36	No
Mean:		[0.00]	0.0001				
SD:		0.00	0.0001				
%RSD:		0.00	93.80				

Auto-zero performed.

Sequence No.: 2
Autosampler Location: 2
Sample ID: .2 PPB
Date Collected: 7/21/2009 10:59:37 AM
Analyst:
Data Type: Original

Replicate Data: .2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0013	0.0074	0.0013	11:00:34	No
2		[0.2]	0.0015	0.0093	0.0016	11:01:07	No
Mean:		[0.2]	0.0014				
SD:		0.0	0.0002				
%RSD:		0.0	12.43				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.00695 Intercept: 0.00000

Sequence No.: 3
Autosampler Location: 3
Sample ID: .5 PPB
Date Collected: 7/21/2009 11:01:09 AM
Analyst:
Data Type: Original

Replicate Data: .5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0034	0.0194	0.0035	11:02:05	No
2		[0.5]	0.0034	0.0191	0.0035	11:02:39	No
Mean:		[0.5]	0.0034				
SD:		0.0	0.0000				
%RSD:		0.0	0.91				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.999962 Slope: 0.00681 Intercept: 0.00001

Sequence No.: 4
Autosampler Location: 4
Sample ID: 1 PPB
Date Collected: 7/21/2009 11:02:40 AM
Analyst:
Data Type: Original

Replicate Data: 1 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1]	0.0069	0.0378	0.0070	11:03:37	No
2		[1]	0.0067	0.0364	0.0067	11:04:10	No
Mean:		[1]	0.0068				
SD:		0	0.0002				
%RSD:		0	2.39				

Standard number 3 applied. [1]
Correlation Coef.: 0.999986 Slope: 0.00677 Intercept: 0.00002

Sequence No.: 5 **Autosampler Location: 5**
Sample ID: 2 PPB **Date Collected: 7/21/2009 11:04:12 AM**
Analyst: **Data Type: Original**

Replicate Data: 2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2]	0.0132	0.0718	0.0133	11:05:08	No
2		[2]	0.0134	0.0722	0.0134	11:05:42	No
Mean:		[2]	0.0133				
SD:		0	0.0001				
%RSD:		0	0.70				

Standard number 4 applied. [2]
Correlation Coef.: 0.999943 Slope: 0.00664 Intercept: 0.00006

Sequence No.: 6 **Autosampler Location: 6**
Sample ID: 5 PPB **Date Collected: 7/21/2009 11:05:43 AM**
Analyst: **Data Type: Original**

Replicate Data: 5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5]	0.0334	0.1814	0.0335	11:06:40	No
2		[5]	0.0329	0.1774	0.0330	11:07:13	No
Mean:		[5]	0.0332				
SD:		0	0.0004				
%RSD:		0	1.10				

Standard number 5 applied. [5]
Correlation Coef.: 0.999991 Slope: 0.00662 Intercept: 0.00007

Sequence No.: 7 **Autosampler Location: 7**
Sample ID: 10 PPB **Date Collected: 7/21/2009 11:07:15 AM**
Analyst: **Data Type: Original**

Replicate Data: 10 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10]	0.0679	0.3693	0.0680	11:08:11	No
2		[10]	0.0668	0.3620	0.0669	11:08:45	No
Mean:		[10]	0.0673				
SD:		0	0.0008				
%RSD:		0	1.16				

Standard number 6 applied. [10]
Correlation Coef.: 0.999967 Slope: 0.00672 Intercept: -0.00004

Sequence No.: 8 **Autosampler Location: 8**
Sample ID: 25 PPB **Date Collected: 7/21/2009 11:08:46 AM**
Analyst: **Data Type: Original**

Replicate Data: 25 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	[25]	0.1597	0.8766	0.1598	11:09:44	No
2	[25]	0.1605	0.8746	0.1606	11:10:17	No
Mean:	[25]	0.1601				
SD:	0	0.0006				
%RSD:	0	0.38				

Standard number 7 applied. [25]
Correlation Coef.: 0.999800 Slope: 0.00642 Intercept: 0.00060

Calibration data for Hg 253.7 **Equation: Linear, Calculated Intercept**

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calibration Blank	0.0000	0	-0.093	0.00	93.8
.2 PPB	0.0014	0.2	0.123	0.00	12.4
.5 PPB	0.0034	0.5	0.437	0.00	0.9
1 PPB	0.0068	1.0	0.962	0.00	2.4
2 PPB	0.0133	2.0	1.976	0.00	0.7
5 PPB	0.0332	5.0	5.068	0.00	1.1
10 PPB	0.0673	10.0	10.392	0.00	1.2
25 PPB	0.1601	25.0	24.835	0.00	0.4

Correlation Coef.: 0.999800 Slope: 0.00642 Intercept: 0.00060

==========

Sequence No.: 9 **Autosampler Location: 10**
Sample ID: ICV (2) **Date Collected: 7/21/2009 11:10:18 AM**
Analyst: **Data Type: Original**

Replicate Data: ICV (2)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	19.91	19.91	0.1285	0.7040	0.1285	11:11:18	No
2	19.55	19.55	0.1262	0.6879	0.1262	11:11:51	No
Mean:	19.73	19.73	0.1273				
SD:	0.252	0.252	0.0016				
%RSD:	1.278	1.278	1.27				

QC value within limits for Hg 253.7 Recovery = 98.64%
All analyte(s) passed QC.

==========

Sequence No.: 10 **Autosampler Location: 1**
Sample ID: ICB **Date Collected: 7/21/2009 11:11:53 AM**
Analyst: **Data Type: Original**

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.109	-0.109	-0.0001	-0.0015	-0.0000	11:12:50	No
2	-0.091	-0.091	0.0000	0.0004	0.0001	11:13:23	No
Mean:	-0.100	-0.100	-0.0000				
SD:	0.013	0.013	0.0001				
%RSD:	12.92	12.92	206.95				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 11 **Autosampler Location: 11**
Sample ID: MB 10390 (167) **Date Collected: 7/21/2009 11:13:25 AM**
Analyst: **Data Type: Original**

Replicate Data: MB 10390 (167)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.102	-0.102	-0.0001	-0.0002	0.0000	11:14:23	No
2	-0.096	-0.096	-0.0000	-0.0004	0.0001	11:14:56	No
Mean:	-0.099	-0.099	-0.0000				
SD:	0.005	0.005	0.0000				
%RSD:	4.848	4.848	86.22				

Sequence No.: 12
Sample ID: LCS
Analyst:
Autosampler Location: 12
Date Collected: 7/21/2009 11:14:58 AM
Data Type: Original

Replicate Data: LCS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	37.14	37.14	0.2392	1.3203	0.2393	11:15:54	No
	Sample concentration is greater than that of the highest standard.						
2	35.92	35.92	0.2313	1.2663	0.2314	11:16:28	No
	Sample concentration is greater than that of the highest standard.						
Mean:	36.53	36.53	0.2352				
SD:	0.867	0.867	0.0056				
%RSD:	2.374	2.374	2.37				
	Sample concentration is greater than that of the highest standard.						

Sequence No.: 13
Sample ID: LCS MR
Analyst:
Autosampler Location: 13
Date Collected: 7/21/2009 11:16:29 AM
Data Type: Original

Replicate Data: LCS MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	38.79	38.79	0.2498	1.3835	0.2498	11:17:26	No
	Sample concentration is greater than that of the highest standard.						
2	38.77	38.77	0.2496	1.3756	0.2497	11:18:00	No
	Sample concentration is greater than that of the highest standard.						
Mean:	38.78	38.78	0.2497				
SD:	0.014	0.014	0.0001				
%RSD:	0.035	0.035	0.04				
	Sample concentration is greater than that of the highest standard.						

Sequence No.: 14
Sample ID: LCS 4D
Analyst:
Autosampler Location: 14
Date Collected: 7/21/2009 11:18:01 AM
Data Type: Original

Replicate Data: LCS 4D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.843	9.843	0.0638	0.3451	0.0639	11:18:59	No
2	9.940	9.940	0.0644	0.3483	0.0645	11:19:32	No
Mean:	9.891	9.891	0.0641				
SD:	0.069	0.069	0.0004				
%RSD:	0.694	0.694	0.69				

Sequence No.: 15
Sample ID: LCS MR 4D
Analyst:
Autosampler Location: 15
Date Collected: 7/21/2009 11:19:33 AM
Data Type: Original

Replicate Data: LCS MR 4D

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	12.18	12.18	0.0788	0.4286	0.0789	11:20:31	No
2	11.44	11.44	0.0741	0.3987	0.0742	11:21:04	No
Mean:	11.81	11.81	0.0765				
SD:	0.525	0.525	0.0034				
%RSD:	4.443	4.443	4.41				

Sequence No.: 16
Sample ID: 45774-005
Analyst:
Autosampler Location: 16
Date Collected: 7/21/2009 11:21:05 AM
Data Type: Original

Replicate Data: 45774-005

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.082	-0.082	0.0001	-0.0002	0.0001	11:22:03	No
2	-0.084	-0.084	0.0001	-0.0007	0.0001	11:22:36	No
Mean:	-0.083	-0.083	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	2.165	2.165	17.55				

==========

Sequence No.: 17 Autosampler Location: 17
Sample ID: 45774-005 MR Date Collected: 7/21/2009 11:22:38 AM
Analyst: Data Type: Original

Replicate Data: 45774-005 MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.089	-0.089	0.0000	0.0001	0.0001	11:23:34	No
2	-0.086	-0.086	0.0000	0.0003	0.0001	11:24:07	No
Mean:	-0.087	-0.087	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	1.886	1.886	27.36				

==========

Sequence No.: 18 Autosampler Location: 18
Sample ID: 45774-006 MS 1 Date Collected: 7/21/2009 11:24:09 AM
Analyst: Data Type: Original

Replicate Data: 45774-006 MS 1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.09	10.09	0.0654	0.3556	0.0655	11:25:06	No
2	10.11	10.11	0.0655	0.3528	0.0656	11:25:39	No
Mean:	10.10	10.10	0.0655				
SD:	0.010	0.010	0.0001				
%RSD:	0.101	0.101	0.10				

==========

Sequence No.: 19 Autosampler Location: 19
Sample ID: 45774-007 MS 2 Date Collected: 7/21/2009 11:25:41 AM
Analyst: Data Type: Original

Replicate Data: 45774-007 MS 2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.02	10.02	0.0649	0.3503	0.0650	11:26:41	No
2	9.937	9.937	0.0644	0.3454	0.0645	11:27:14	No
Mean:	9.977	9.977	0.0647				
SD:	0.057	0.057	0.0004				
%RSD:	0.567	0.567	0.56				

==========

Sequence No.: 20 Autosampler Location: 20
Sample ID: 45774-001 Date Collected: 7/21/2009 11:27:16 AM
Analyst: Data Type: Original

Replicate Data: 45774-001

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.092	-0.092	0.0000	-0.0005	0.0001	11:28:13	No
2	-0.076	-0.076	0.0001	0.0003	0.0002	11:28:46	No
Mean:	-0.084	-0.084	0.0001				
SD:	0.011	0.011	0.0001				
%RSD:	12.79	12.79	113.32				

==========

Sequence No.: 21 Autosampler Location: 9
Sample ID: CCV Date Collected: 7/21/2009 11:28:48 AM

Analyst: Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.07	10.07	0.0653	0.3540	0.0653	11:29:45	No
2	10.23	10.23	0.0663	0.3562	0.0664	11:30:18	No
Mean:	10.15	10.15	0.0658				
SD:	0.115	0.115	0.0007				
%RSD:	1.136	1.136	1.13				

QC value within limits for Hg 253.7 Recovery = 101.48%
All analyte(s) passed QC.

==========

Sequence No.: 22 Autosampler Location: 1
Sample ID: CCB Date Collected: 7/21/2009 11:30:19 AM
Analyst: Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.103	-0.103	-0.0001	-0.0002	0.0000	11:31:17	No
2	0.145	0.145	0.0015	0.0078	0.0016	11:31:50	No
Mean:	0.021	0.021	0.0007				
SD:	0.175	0.175	0.0011				
%RSD:	829.9	829.9	152.86				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 23 Autosampler Location: 21
Sample ID: 45774-002 Date Collected: 7/21/2009 11:31:51 AM
Analyst: Data Type: Original

Replicate Data: 45774-002

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.065	0.065	0.0010	0.0060	0.0011	11:32:50	No
2	0.033	0.033	0.0008	0.0044	0.0009	11:33:23	No
Mean:	0.049	0.049	0.0009				
SD:	0.022	0.022	0.0001				
%RSD:	44.94	44.94	15.47				

==========

Sequence No.: 24 Autosampler Location: 22
Sample ID: 45774-003 Date Collected: 7/21/2009 11:33:25 AM
Analyst: Data Type: Original

Replicate Data: 45774-003

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.080	-0.080	0.0001	0.0010	0.0002	11:34:22	No
2	-0.075	-0.075	0.0001	0.0015	0.0002	11:34:55	No
Mean:	-0.078	-0.078	0.0001				
SD:	0.004	0.004	0.0000				
%RSD:	4.682	4.682	22.81				

==========

Sequence No.: 25 Autosampler Location: 23
Sample ID: 45774-004 Date Collected: 7/21/2009 11:34:56 AM
Analyst: Data Type: Original

Replicate Data: 45774-004

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.078	-0.078	0.0001	0.0005	0.0002	11:35:53	No
2	-0.075	-0.075	0.0001	0.0011	0.0002	11:36:27	No

Mean:	-0.077	-0.077	0.0001
SD:	0.002	0.002	0.0000
%RSD:	3.054	3.054	14.05

Sequence No.: 26 Autosampler Location: 24
Sample ID: 45774-015 Date Collected: 7/21/2009 11:36:28 AM
Analyst: Data Type: Original

Replicate Data: 45774-015

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.084	-0.084	0.0001	0.0001	0.0001	11:37:26	No
2	-0.052	-0.052	0.0003	0.0023	0.0003	11:37:59	No
Mean:	-0.068	-0.068	0.0002				
SD:	0.023	0.023	0.0001				
%RSD:	33.27	33.27	87.78				

Sequence No.: 27 Autosampler Location: 25
Sample ID: 45822-002 Date Collected: 7/21/2009 11:38:01 AM
Analyst: Data Type: Original

Replicate Data: 45822-002

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.661	0.661	0.0048	0.0261	0.0049	11:38:58	No
2	0.679	0.679	0.0050	0.0267	0.0050	11:39:31	No
Mean:	0.670	0.670	0.0049				
SD:	0.012	0.012	0.0001				
%RSD:	1.865	1.865	1.64				

Sequence No.: 28 Autosampler Location: 26
Sample ID: 45822-003 Date Collected: 7/21/2009 11:39:32 AM
Analyst: Data Type: Original

Replicate Data: 45822-003

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.313	0.313	0.0026	0.0141	0.0027	11:40:30	No
2	0.327	0.327	0.0027	0.0151	0.0028	11:41:03	No
Mean:	0.320	0.320	0.0027				
SD:	0.010	0.010	0.0001				
%RSD:	2.980	2.980	2.31				

Sequence No.: 29 Autosampler Location: 27
Sample ID: 45822-004 Date Collected: 7/21/2009 11:41:04 AM
Analyst: Data Type: Original

Replicate Data: 45822-004

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.193	0.193	0.0018	0.0102	0.0019	11:42:01	No
2	0.194	0.194	0.0018	0.0099	0.0019	11:42:35	No
Mean:	0.193	0.193	0.0018				
SD:	0.000	0.000	0.0000				
%RSD:	0.128	0.128	0.09				

Sequence No.: 30 Autosampler Location: 28
Sample ID: 45822-005 Date Collected: 7/21/2009 11:42:36 AM
Analyst: Data Type: Original

Replicate Data: 45822-005

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1	-0.105	-0.105	-0.0001	-0.0010	-0.0000	11:43:36	No
2	-0.101	-0.101	-0.0001	-0.0002	0.0000	11:44:10	No
Mean:	-0.103	-0.103	-0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	2.584	2.584	26.88				

==========

Sequence No.: 31 **Autosampler Location: 29**
Sample ID: 45822-008 **Date Collected: 7/21/2009 11:44:12 AM**
Analyst: **Data Type: Original**

Replicate Data: 45822-008

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.095	1.095	0.0076	0.0415	0.0077	11:45:09	No
2	1.078	1.078	0.0075	0.0398	0.0076	11:45:42	No
Mean:	1.087	1.087	0.0076				
SD:	0.012	0.012	0.0001				
%RSD:	1.133	1.133	1.04				

==========

Sequence No.: 32 **Autosampler Location: 30**
Sample ID: MB FB **Date Collected: 7/21/2009 11:45:43 AM**
Analyst: **Data Type: Original**

Replicate Data: MB FB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.089	-0.089	0.0000	0.0007	0.0001	11:46:40	No
2	-0.110	-0.110	-0.0001	-0.0012	-0.0000	11:47:14	No
Mean:	-0.099	-0.099	-0.0000				
SD:	0.015	0.015	0.0001				
%RSD:	14.84	14.84	251.11				

==========

Sequence No.: 33 **Autosampler Location: 9**
Sample ID: CCV **Date Collected: 7/21/2009 11:47:15 AM**
Analyst: **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.08	10.08	0.0654	0.3516	0.0654	11:48:14	No
2	10.17	10.17	0.0659	0.3543	0.0660	11:48:47	No
Mean:	10.13	10.13	0.0656				
SD:	0.060	0.060	0.0004				
%RSD:	0.596	0.596	0.59				

QC value within limits for Hg 253.7 Recovery = 101.27%
All analyte(s) passed QC.

==========

Sequence No.: 34 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 7/21/2009 11:48:48 AM**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.094	-0.094	-0.0000	-0.0003	0.0001	11:49:45	No
2	-0.082	-0.082	0.0001	0.0004	0.0002	11:50:18	No
Mean:	-0.088	-0.088	0.0000				
SD:	0.009	0.009	0.0001				
%RSD:	9.860	9.860	150.54				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 35
Sample ID: LCSW
Analyst:

Autosampler Location: 31
Date Collected: 7/21/2009 11:50:20 AM
Data Type: Original

Replicate Data: LCSW

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.20	10.20	0.0661	0.3561	0.0662	11:51:19	No
2	10.00	10.00	0.0648	0.3476	0.0649	11:51:52	No
Mean:	10.10	10.10	0.0655				
SD:	0.141	0.141	0.0009				
%RSD:	1.398	1.398	1.38				

Sequence No.: 36
Sample ID: CCV
Analyst:

Autosampler Location: 9
Date Collected: 7/21/2009 11:51:54 AM
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.04	10.04	0.0651	0.3518	0.0651	11:52:52	No
2	9.945	9.945	0.0645	0.3457	0.0646	11:53:26	No
Mean:	9.991	9.991	0.0648				
SD:	0.064	0.064	0.0004				
%RSD:	0.643	0.643	0.64				

QC value within limits for Hg 253.7 Recovery = 99.91%
All analyte(s) passed QC.

Sequence No.: 37
Sample ID: CCB
Analyst:

Autosampler Location: 1
Date Collected: 7/21/2009 11:53:27 AM
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.087	-0.087	0.0000	0.0003	0.0001	11:54:25	No
2	-0.082	-0.082	0.0001	0.0002	0.0002	11:54:58	No
Mean:	-0.084	-0.084	0.0001				
SD:	0.004	0.004	0.0000				
%RSD:	4.455	4.455	40.60				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Run Log

Data File: W:\METALS.FRM\ICPDATA\Pelcp2\SW10378A2.txt **Instrument:** PEICP2

Analysis Date: 07/22/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-68816	1	CAL	12:10	1						
Calib 1 V-69631	1	CAL	12:15	2						
Calib 2 V-68472	1	CAL	12:19	3						
Calib 3 V-68473	1	CAL	12:22	4						
Calib 4 V-69300	1	CAL	12:26	5						
ICS3 V-68473	1	ICS	12:31	6						
ICV V-68813 (2)	1	ICV	12:35	7						
ICB V-68816	1	ICB	12:40	8						
ICSA V-68333	1	ICSA	12:44	9						
ICSAB V-68334	1	ICSAB	12:49	10						
MB 10378 (1)	1	MB	12:54	11		AQUEO	AQUEO	SW846	10378	
LCSW	1	LCS	12:57	12		AQUEO	AQUEO	SW846	10378	
LCSW MR	1	LCS	13:01	13		AQUEO	AQUEO	SW846	10378	
AC45774-008	1	SMP	13:05	14	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-008	1	MR	13:08	15	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-009	1	MS	13:12	16	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-010	1	MS	13:15	17	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-008	1	PS	13:19	18	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
CCV V-68336	1	CCV	13:24	19						
CCB	1	CCB	13:29	20						
AC45774-008	5	SD	13:32	21	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45725-023	1	SMP	13:35	22	PB-SOIL	AQUEO	AQUEO	SW846	10378	
AC45725-025	1	SMP	13:39	23	PB-SOIL	AQUEO	AQUEO	SW846	10378	
AC45725-026	1	SMP	13:44	24	PB-SOIL	AQUEO	AQUEO	SW846	10378	
AC45725-027	1	SMP	13:49	25	PB-SOIL	AQUEO	AQUEO	SW846	10378	
AC45725-028	1	SMP	13:54	26	PB-SOIL	AQUEO	AQUEO	SW846	10378	
ICSA V-68333	1	ICSA	13:59	27						
ICSAB V-68334	1	ICSAB	14:04	28						
CCV V-68336	1	CCV	14:09	29						
CCB	1	CCB	14:14	30						
AC45725-030	1	SMP	14:18	31	PB-SOIL	AQUEO	AQUEO	SW846	10378	
AC45725-031	1	SMP	14:23	32	PB-SOIL	AQUEO	AQUEO	SW846	10378	
AC45788-001	1	SMP	14:28	33	PB-SOIL	AQUEO	AQUEO	SW846	10378	
AC45788-002	1	SMP	14:31	34	PB-SOIL	AQUEO	AQUEO	SW846	10378	
AC45788-003	1	SMP	14:35	35	PB-SOIL	AQUEO	AQUEO	SW846	10378	
CCV V-68336	1	CCV	14:40	36						
CCB	1	CCB	14:45	37						
AC45774-011	1	SMP	14:49	38	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-012	1	SMP	14:52	39	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-013	1	SMP	14:56	40	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-014	1	SMP	14:59	41	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-016	1	SMP	15:03	42	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-017	1	SMP	15:06	43	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
ICSA V-68333	1	ICSA	15:10	44						
ICSAB V-68334	1	ICSAB	15:15	45						
CCV V-68336	1	CCV	15:20	46						
CCB	1	CCB	15:25	47						
MB 10400 (100)	1	MB	15:28	48		SOIL	SOIL	SW846	10400	
LCS 100	1	LCS	15:32	49		SOIL	SOIL	SW846	10400	
LCS 100 MR	1	LCS	15:37	50		SOIL	SOIL	SW846	10400	
AC45887-001	1	SMP	15:41	51	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45887-001	1	MR	15:46	52	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45887-001	1	MS	15:51	53	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45887-001	1	MS	15:55	54	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45887-001	1	PS	16:00	55	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45887-001	5	SD	16:05	56	PPMETALS-S	SOIL	SOIL	SW846	10400	
CCV V-68336	1	CCV	16:09	57						
CCB	1	CCB	16:14	58						
AC45872-001	1	NA	16:17	59	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45836-001	1	SMP	16:21	60	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45891-001	1	SMP	16:26	61	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45872-001	1	SMP	16:31	62	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45850-001	1	SMP	16:35	63	PPMETALS-S	SOIL	SOIL	SW846	10400	
AC45649-012	1	SMP	16:40	64	MET-1-SOIL	SOIL	SOIL	SW846	10400	
AC45649-014	1	SMP	16:45	65	MET-1-SOIL	SOIL	SOIL	SW846	10400	
AC45649-022	1	SMP	16:50	66	MET-1-SOIL	SOIL	SOIL	SW846	10400	
ICSA V-68333	1	ICSA	16:53	67						
ICSAB V-68334	1	ICSAB	16:58	68						
CCV V-68336	1	CCV	17:03	69						

AMW 7/30/09

7/22/09

CB 7/28/09

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcp2\SW10378A2.txt **Instrument:** PEICP2

Analysis Date: 07/22/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
CCB	1	CCB	17:08	70						

CB 7/28/09

7/22/09

Run Log

Data File: W:\METALS.FRM\ICPDATA\PeIcpRad2\SW10378B2. **Instrument:** PEICPRAD2

Analysis Date: 07/22/09

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calib Blank 1 V-68816	1	CAL	21:00	1						
Calib 1 V-68472	1	CAL	21:13	2						
Calib 2 V-68473	1	CAL	21:17	3						
Calib 3 V-69300	1	CAL	21:20	4						
ICS3 V-68473	1	ICS	21:23	5						
ICV V-68813 (2)	1	ICV	21:27	6						
ICB V-68816	1	ICB	21:30	7						
ICSA V-68333	1	ICSA	21:33	8						
ICSAB V-68334	1	ICSAB	21:36	9						
MB 10378 (1)	1	MB	21:39	10		AQUEO	AQUEO	SW846	10378	
LCSW	1	LCS	21:42	11		AQUEO	AQUEO	SW846	10378	
LCSW MR	1	LCS	21:45	12		AQUEO	AQUEO	SW846	10378	
AC45774-008	1	SMP	21:49	13	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-008	1	MR	21:52	14	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-009	1	MS	21:55	15	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-010	1	MS	21:58	16	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-008	1	PS	22:01	17	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
CCV V-68336	1	CCV	22:05	18						
CCB	1	CCB	22:08	19						
AC45774-008	5	SD	22:11	20	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
CCV V-68336	1	CCV	22:14	21						
CCB	1	CCB	22:18	22						
AC45774-011	1	SMP	22:21	23	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-012	1	SMP	22:24	24	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-013	1	SMP	22:27	25	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-014	1	SMP	22:30	26	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-016	1	SMP	22:34	27	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
AC45774-017	1	SMP	22:37	28	METALS-TAL-S	AQUEO	AQUEO	SW846	10378	
ICSA V-68333	1	ICSA	22:40	29						
ICSAB V-68334	1	ICSAB	22:43	30						
CCV V-68336	1	CCV	22:46	31						
CCB	1	CCB	22:49	32						

7/27/09

7/28/09

Run Log

Data File: W:\METALS.FRM\ICPDATA\HgCv2\H10378SW.txt **Instrument:** HGCV2

Analysis Date: 07/21/09 **Standard/Batch/SnCl2 Lot #:** V-69870

Sample Id	DF	QcType	Time	Run #	Test Group	Rept Limit Matrix	Qc 5,7 Matrix	Anal Method	Prep Batch	NOTES:
Calibration Blank	1	CAL	11:18	1						
.2 PPB	1	CAL	11:20	2						
.5 PPB	1	CAL	11:21	3						
1 PPB	1	CAL	11:23	4						
2 PPB	1	CAL	11:24	5						
5 PPB	1	CAL	11:26	6						
10 PPB	1	CAL	11:27	7						
25 PPB	1	CAL	11:29	8						
ICV (2)	1	ICV	11:30	9						
ICB	1	ICB	11:32	10						
MB 10378 (1)	1	MB	11:33	11		AQUEO	AQUEO	SW846	10378	
LCSW	1	LCS	11:35	12		AQUEO	AQUEO	SW846	10378	
LCSW MR	1	LCS	11:36	13		AQUEO	AQUEO	SW846	10378	
AC45774-008	1	SMP	11:38	14	HG-W-7470	AQUEO	AQUEO	SW846	10378	
AC45774-008	1	MR	11:39	15	HG-W-7470	AQUEO	AQUEO	SW846	10378	
AC45774-009	1	MS	11:41	16	HG-W-7470	AQUEO	AQUEO	SW846	10378	
AC45774-010	1	MS	11:42	17	HG-W-7470	AQUEO	AQUEO	SW846	10378	
AC45774-011	1	SMP	11:44	18	HG-W-7470	AQUEO	AQUEO	SW846	10378	
AC45774-012	1	SMP	11:45	19	HG-W-7470	AQUEO	AQUEO	SW846	10378	
AC45774-013	1	SMP	11:47	20	HG-W-7470	AQUEO	AQUEO	SW846	10378	
CCV	1	CCV	11:48	21						
CCB	1	CCB	11:50	22						
AC45774-014	1	SMP	11:51	23	HG-W-7470	AQUEO	AQUEO	SW846	10378	
AC45774-016	1	SMP	11:53	24	HG-W-7470	AQUEO	AQUEO	SW846	10378	
AC45774-017	1	SMP	11:54	25	HG-W-7470	AQUEO	AQUEO	SW846	10378	
CCV	1	CCV	11:56	26						
CCB	1	CCB	11:57	27						

7/22/09

~~V-69870~~ 7/21/09

7/21/09

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3950

Description
SULFURIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A510SK 212	3108031	03/06/09	03/05/10	Okomeng, Maxwel	6	2.5LT	NEAT	NEAT

Veritech Control/Receipt Number: 4028

Description
ICV 2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-8	16-94JB	04/06/09	04/05/10	Miller,Gael E.	2	500M	50	MG/L

Veritech Control/Receipt Number: 4029

Description
ICV 1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-7	16-95JB	04/06/09	04/05/10	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4123

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509Sk212	1108100	05/01/09	05/01/10	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 4204

Description
NITRIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A509SK212	1109010	06/23/09	06/22/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 3488

Description
Potassium Persulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P282-500	083661	07/26/08	07/25/11	Miller,Gael E.	1	500g	neat	neat

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3779

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	080074	12/16/08	12/15/11	Miller,Gael E.	2	1 kg	neat	neat

Veritech Control/Receipt Number: 3899

Description
Merc ury Std

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	SM114-100	084587	02/03/09	02/02/10	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Control/Receipt Number: 3950

Description
SULFURIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A510SK 212	3108031	03/06/09	03/05/10	Okomeng, Maxwel	6	2.5LT	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4027

Description
MERCURY

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	PLHG4-2Y	15-08HG	04/06/09	04/05/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4123

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509Sk212	1108100	05/01/09	05/01/10	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 4204

Description
NITRIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A509SK212	1109010	06/23/09	06/22/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1014

Description
DI water (fill to volume)

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
US Filter	NA	NA			Mathews, Dave	1	0		

Veritech Control/Receipt Number: 3488

Description
Potassium Persulfate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P282-500	083661	07/26/08	07/25/11	Miller,Gael E.	1	500g	neat	neat

Veritech Control/Receipt Number: 3562

Description
Sodium Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	S271-10	081746	08/29/08	08/28/10	Lopez, Jose	1	10Kg	neat	neat

Veritech Control/Receipt Number: 3758

Description
Potassium Permanganate

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	P279-212	082890	11/22/08	11/21/11	Miller,Gael E.	1	2.5kg	neat	neat

Veritech Control/Receipt Number: 3779

Description
Hydroxylamine Hydrochloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	H330-1	080074	12/16/08	12/15/11	Miller,Gael E.	2	1 kg	neat	neat

Veritech Control/Receipt Number: 3800

Description
ICSAB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#2	087967	01/06/09	12/01/09	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3899

Description
Merc ury Std

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	SM114-100	084587	02/03/09	02/02/10	Miller,Gael E.	1	100ml	1000	mg/L

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4009

Description
Stanous Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	T142-3	085968	03/31/09	03/30/12	Miller,Gael E.	1	3kg	neat	neat

Veritech Control/Receipt Number: 4028

Description
ICV 2

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-8	16-94JB	04/06/09	04/05/10	Miller,Gael E.	2	500M	50	MG/L

Veritech Control/Receipt Number: 4029

Description
ICV 1

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	XHCV-7	16-95JB	04/06/09	04/05/10	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4037

Description
ICSA STOCK

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
VHG LABS	ZHAMPTON#1	092144A	04/10/09	03/31/10	Miller,Gael E.	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4052

Description
ARSENIC STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	ASP1-1-1	ASP1M	04/20/09	04/19/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4054

Description
BERYLLIUM STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	BEP1-1-1	BEP1K	04/20/09	04/19/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4055

Description
CADMIUM STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	CDP1-1-1	CDP1J	04/20/09	04/19/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4061

Description
LEAD STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	PBP1-1-1	PBP1N	04/20/09	04/19/10	Miller,Gael E.	2	100M	1000	MG/L

Veritech Control/Receipt Number: 4071

Description
THALLIUM STOCK STD

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
MV LABS	TLP1-1-1	TLP1K	04/20/09	04/19/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Control/Receipt Number: 4122

Description
Hidrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508Sk-212	4108100	05/01/09	05/01/10	Lopez, Jose	12	2.5	neat	neat

Veritech Control/Receipt Number: 4123

Description
Nitric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A509Sk212	1108100	05/01/09	05/01/10	Lopez, Jose	12	2.5L	neat	neat

Veritech Control/Receipt Number: 4164

Description
ICSA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	09F083	06/09/09	06/08/10	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4165

Description
ICSB

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	09F083	06/09/09	06/08/10	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 4166

Description
ICSC

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CPI	4400-070604JC01	09F083	06/09/09	06/08/10	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4171

Description
Hidrochloric Acid

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Fisher	A508SK-212	4108100	06/10/09	06/09/10	Lopez, Jose	6	2.5L	neat	neat

Veritech Control/Receipt Number: 4203

Description
HYDROCHLORIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A508SK212	4108100	06/23/09	06/22/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 4204

Description
NITRIC ACID

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A509SK212	1109010	06/23/09	06/22/10	Okomeng, Maxwel	6	2.5LT	neat	neat

Veritech Control/Receipt Number: 4233

Description
Lithium std

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Spex	PLLI2-2Y	15-31LI	07/13/09	06/30/10	Miller,Gael E.	1	100	1000	MG/L

Veritech Control/Receipt Number: 4234

Description
STRONTIUM

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SPEX	PLSR2-2Y	14-90SR	07/13/09	06/30/10	Miller,Gael E.	1	100M	1000	MG/L

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-66155

Prepared By: Soules, John
Description: 5% Potassium Permanganate
Prep Date: 5/20/2009
Expiration Date: 11/19/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 20 l
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3758	Potassium Permanganate	1000 g	neat neat	

Veritech Lot Number: V-66156

Prepared By: Soules, John
Description: 5% Potassium Persulfate
Prep Date: 5/20/2009
Expiration Date: 9/4/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l
ApprovedBy: gael
ApproveDate: 07/29/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3488	Potassium Persulfate	500 g	neat neat	

Veritech Lot Number: V-66157

Prepared By: Soules, John
Description: Hydroxylamine Hydrochloride
Prep Date: 5/20/2009
Expiration Date: 11/19/2009
Department: Metals
BatchNumber:
Concentration: reagent
Final Volume: 10 l
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3779	Hydroxylamine Hydrochloride	1200 g	neat neat	
3562	Sodium Chloride	1200 g	neat neat	

Veritech Lot Number: V-68333

Prepared By: Balashanthan, Shiamala
Description: ICSA
Prep Date: 6/24/2009
Expiration Date: 9/23/2009
Department: Metals
BatchNumber:
Concentration: MULTI mg/l
Final Volume: 1000 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4037	ICSA STOCK	50 ml	NEAT neat	
4122	Hidrochloric Acid	50 ml	neat neat	
4123	Nitric Acid	50 ml	neat neat	

Veritech Lot Number: V-68334

Prepared By: Balashanthan, Shiamala
Description: ICSAB
Prep Date: 6/24/2009
Expiration Date: 9/23/2009
Department: Metals
BatchNumber:
Concentration: MULTI multi
Final Volume: 1000 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
3800	ICSAB	10 ml	NEAT neat	
4123	Nitric Acid	50 ml	neat neat	
4037	ICSA STOCK	50 ml	NEAT neat	
4122	Hidrochloric Acid	50 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68336

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy: gael
Description: CCV | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 6/24/2009 | Concentration: MULTI multi | Checked: Yes
Expiration Date: 9/23/2009 | Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4123	Nitric Acid	50 ml	neat neat	
4122	Hidrochloric Acid	50 ml	neat neat	
4029	ICV 1	10 ml	NEAT neat	
4028	ICV 2	10 ml	50 mg/l	

Veritech Lot Number: V-68472

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy: gael
Description: ICS2- Low Std | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 6/25/2009 | Concentration: MULTI multi | Checked: Yes
Expiration Date: 9/24/2009 | Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4123	Nitric Acid	25 ml	neat neat	
4122	Hidrochloric Acid	25 ml	neat neat	
4164	ICSA	.05 ml	NEAT neat	
4165	ICSB	.05 ml	NEAT neat	
4166	ICSC	.05 ml	NEAT neat	

Veritech Lot Number: V-68473

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy: gael
Description: ICS3 - Middle Std | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 6/25/2009 | Concentration: MULTI multi | Checked: Yes
Expiration Date: 9/24/2009 | Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4123	Nitric Acid	50 ml	neat neat	
4122	Hidrochloric Acid	50 ml	neat neat	
4164	ICSA	5 ml	NEAT neat	
4165	ICSB	5 ml	NEAT neat	
4166	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-68813

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy: gael
Description: ICV | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 7/1/2009 | Concentration: MULTI multi | Checked: Yes
Expiration Date: 9/30/2009 | Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4123	Nitric Acid	25 ml	neat neat	
4029	ICV 1	10 ml	NEAT neat	
4122	Hidrochloric Acid	25 ml	neat neat	
4028	ICV 2	10 ml	50 mg/l	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-68816

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy: gael
Description: ICB/CCB | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 7/1/2009 | Concentration: 0 mg/l | Checked: Yes
Expiration Date: 9/30/2009 | Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4122	Hidrochloric Acid	50 ml	neat neat	
4123	Nitric Acid	50 ml	neat neat	

Veritech Lot Number: V-69300

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy:
Description: ICS4 - High std | BatchNumber: | ApproveDate:
Prep Date: 7/13/2009 | Concentration: MULTI multi | Checked: No
Expiration Date: 10/12/2009 | Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4122	Hidrochloric Acid	25 ml	neat neat	
4123	Nitric Acid	25 ml	neat neat	
4234	STRONTIUM	.5 ml	1000 mg/l	
4164	ICSA	5 ml	NEAT neat	
4233	Lithium std	.5 ml	1000 mg/l	
4165	ICSB	5 ml	NEAT neat	
4166	ICSC	5 ml	NEAT neat	

Veritech Lot Number: V-69630

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy: gael
Description: ICS 1 INTERMEDIATE | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 7/16/2009 | Concentration: various mg/l | Checked: Yes
Expiration Date: 10/15/2009 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4204	NITRIC ACID	5 ml	neat neat	
4052	ARSENIC STOCK STD	.5 ml	1000 mg/l	5 mg/l
4054	BERYLLIUM STOCK STD	.3 ml	1000 mg/l	3 mg/l
4055	CADMIUM STOCK STD	.3 ml	1000 mg/l	3 mg/l
4061	LEAD STOCK STD	.4 ml	1000 mg/l	4 mg/l
4071	THALLIUM STOCK STD	.5 ml	1000 mg/l	5 mg/l

Veritech Lot Number: V-69631

Prepared By: Balashanthan, Shiamala | Department: Metals | ApprovedBy: gael
Description: ICS1 Lowest std | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 7/16/2009 | Concentration: various mg/l | Checked: Yes
Expiration Date: 10/15/2009 | Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)			
4171	Hidrochloric Acid	50 ml	neat neat	
4204	NITRIC ACID	50 ml	neat neat	
V-69630	ICS 1 INTERMEDIATE	1 ml	various mg/l	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69820

Prepared By: Adelartey, Olufemi
Description: Hg intermediate Standard
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6101
Concentration: .25 ppm
Final Volume: 500 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	500 ml		
4204	NITRIC ACID	12.5 ml	neat neat	
4027	MERCURY	.125 ml	1000 mg/l	

Veritech Lot Number: V-69821

Prepared By: Adelartey, Olufemi
Description: Hg intermediate Control
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6101
Concentration: 1.0 ppm
Final Volume: 100 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	100 ml		
4204	NITRIC ACID	2.5 ml	neat neat	
3899	Merc ury Std	.1 ml	1000 mg/l	

Veritech Lot Number: V-69870

Prepared By: Soules, John
Description: SnCl2
Prep Date: 7/21/2009
Expiration Date: 7/21/2009
Department: Metals
BatchNumber: B-6108
Concentration: 1.1% SnCl2 in
Final Volume: 1000
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69871	3% HCL	1000 ml	reagent reag	
4009	Stanous Chloride	13.2 g	neat neat	

Veritech Lot Number: V-69871

Prepared By: Soules, John
Description: 3% HCL
Prep Date: 7/21/2009
Expiration Date: 7/21/2009
Department: Metals
BatchNumber: B-6108
Concentration: reagent reage
Final Volume: 10 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	10000 ml		
4122	Hidrochloric Acid	300 ml	neat neat	

Veritech Lot Number: V-69886

Prepared By: Adelartey, Olufemi
Description: 1:1 HCl
Prep Date: 7/21/2009
Expiration Date: 12/28/2009
Department: Metals
BatchNumber:
Concentration: Reagent
Final Volume: 2000 ml
ApprovedBy:
ApproveDate:
Checked: No

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	1000 ml		
4203	HYDROCHLORIC ACID	1000 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69832

Prepared By: Adelartey, Olufemi
Description: Hg aqueous ICV 20ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: 20 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69821	Hg intermediate Control	.5 ml	1.0 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69833

Prepared By: Adelartey, Olufemi
Description: Hg aqueous CCV 10ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: 10 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69821	Hg intermediate Control	.25 ml	1.0 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69834

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard blk
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: 0 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1014	DI water (fill to volume)	25 ml		

Veritech Lot Number: V-69835

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard .2 ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: .2 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69820	Hg intermediate Standard	.02 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69836

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard .5 ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: .5 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69820	Hg intermediate Standard	.05 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69837

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 1 ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: 1 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69820	Hg intermediate Standard	.1 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-69838

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 2 ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: 2 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69820	Hg intermediate Standard	.2 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69839

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 5 ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: 5 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69820	Hg intermediate Standard	.5 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69840

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 10 ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: 10 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69820	Hg intermediate Standard	1 ml	.25 ppm	
1014	DI water (fill to volume)			

Veritech Lot Number: V-69841

Prepared By: Adelartey, Olufemi
Description: Hg aqueous standard 25 ppb
Prep Date: 7/20/2009
Expiration Date: 7/20/2009
Department: Metals
BatchNumber: B-6103
Concentration: 25 ppb
Final Volume: 25 ml
ApprovedBy: gael
ApproveDate: 07/30/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-69820	Hg intermediate Standard	2.5 ml	.25 ppm	
1014	DI water (fill to volume)			

SW10378A2 Batches 10378 SW846 + 10400 soil

Method: PE2 AXIAL Date: 7/22/2009 12:14:28 PM

Analyst 7/22/09

Analysis Begun

Start Time: 7/22/2009 12:10:11 PM
Plasma On Time: 7/22/2009 8:36:58 AM
Logged In Analyst: shiamala
Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N1030901Autosampler Model: AS-93plus

Sample Information File: C:\pe\administrator\Sample Information\10390.sif
Batch ID: 10388
Results Data Set: SW10378A2
Results Library: C:\pe\administrator\Results\Results.mdb

7/22/09

Method Loaded
Method Name: PE2 AXIAL
Method Last Saved: 7/22/2009 10:02:33 AM
IEC File: IEC101708.iec
MSF File:
Method Description: 200.7/SW846

Sequence No.: 1
Autosampler Location: 1
Sample ID: Calib Blank 1 V-68816
Date Collected: 7/22/2009 12:10:12 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: Calib Blank 1 V-68816

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	931662.1	3685.29	0.40%	100	%
Yittrium	407276.7	709.56	0.17%	100	%
Aluminumt	8351.0	39.42	0.47%	[0.00]	mg/L
Antimonyt	153.3	5.42	3.54%	[0.00]	mg/L
Arsenict	55.2	0.29	0.52%	[0.00]	mg/L
Bariumt	-408.2	8.88	2.17%	[0.00]	mg/L
Berylliumt	-4454.4	10.88	0.24%	[0.00]	mg/L
Cadmiumt	769.4	26.29	3.42%	[0.00]	mg/L
Calciumt	-20062.6	404.34	2.02%	[0.00]	mg/L
Chromiumt	1193.0	90.34	7.57%	[0.00]	mg/L
Cobaltt	277.2	9.74	3.52%	[0.00]	mg/L
Coppert	4455.2	17.14	0.38%	[0.00]	mg/L
Iront	-5351.4	81.53	1.52%	[0.00]	mg/L
Leadt	-24.2	2.91	11.99%	[0.00]	mg/L
Magnesiumt	-17988.4	120.31	0.67%	[0.00]	mg/L
Manganeset	-4943.0	9.63	0.19%	[0.00]	mg/L
Molybdenumt	27.9	1.74	6.25%	[0.00]	mg/L
Nickelt	-618.7	18.06	2.92%	[0.00]	mg/L
Potassiumt	149100.7	679.70	0.46%	[0.00]	mg/L
Seleniumt	16.9	17.11	101.17%	[0.00]	mg/L
Silvert	764.2	63.06	8.25%	[0.00]	mg/L
Sodiumt	-718.2	103.93	14.47%	[0.00]	mg/L
Thalliumt	-124.5	5.78	4.64%	[0.00]	mg/L
Tint	33.1	1.43	4.32%	[0.00]	mg/L
Titaniumt	669.4	33.81	5.05%	[0.00]	mg/L
Vanadiumt	5316.4	58.77	1.11%	[0.00]	mg/L
Zinct	-1596.0	16.89	1.06%	[0.00]	mg/L

10378

all elements reported except Na, K

Sequence No.: 2
Sample ID: Calib 1 V-69631
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 7/22/2009 12:15:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 1 V-69631

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	948514.7	10735.20	1.13%	102	%
Yittrium	409183.2	4990.30	1.22%	100	%
Arsenic†	7.8	0.16	2.06%	[0.005]	mg/L
Beryllium†	9829.8	368.94	3.75%	[0.003]	mg/L
Cadmium†	187.6	14.27	7.61%	[0.003]	mg/L
Lead†	77.6	9.09	11.71%	[0.004]	mg/L
Thallium†	11.8	1.34	11.43%	[0.005]	mg/L

Sequence No.: 3
Sample ID: Calib 2 V-68472
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 7/22/2009 12:19:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 2 V-68472

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	928479.7	16769.10	1.81%	99.7	%
Yittrium	403408.8	6122.80	1.52%	99.1	%
Aluminumt	3435.2	159.67	4.65%	[0.1]	mg/L
Antimonyt	35.0	2.34	6.69%	[0.01]	mg/L
Arsenict	16.2	5.41	33.38%	[0.01]	mg/L
Bariumt	1386.7	36.96	2.66%	[0.01]	mg/L
Berylliumt	31104.0	847.53	2.72%	[0.01]	mg/L
Cadmiumt	580.5	44.02	7.58%	[0.01]	mg/L
Calciumt	131309.4	3431.17	2.61%	[1]	mg/L
Chromiumt	898.8	87.95	9.79%	[0.01]	mg/L
Cobaltt	463.6	30.95	6.68%	[0.01]	mg/L
Coppert	1283.9	51.29	3.99%	[0.01]	mg/L
Iront	1529.8	8.08	0.53%	[0.1]	mg/L
Leadt	138.5	30.18	21.78%	[0.01]	mg/L
Magnesiumt	18978.3	374.74	1.97%	[1]	mg/L
Manganeset	4622.7	163.73	3.54%	[0.01]	mg/L
Molybdenumt	168.9	16.00	9.47%	[0.01]	mg/L
Nickelt	567.4	36.34	6.41%	[0.01]	mg/L
Potassiumt	1663.2	1911.53	114.93%	[1]	mg/L
Seleniumt	12.9	6.08	46.98%	[0.01]	mg/L
Silvert	398.0	55.71	14.00%	[0.002]	mg/L
Sodiumt	795.2	58.57	7.37%	[1]	mg/L
Thalliumt	22.8	3.28	14.39%	[0.01]	mg/L
Tint	40.9	0.61	1.50%	[0.01]	mg/L
Titaniumt	6752.3	241.80	3.58%	[0.01]	mg/L
Vanadiumt	1458.7	37.68	2.58%	[0.01]	mg/L
Zinct	288.7	19.80	6.86%	[0.01]	mg/L

Sequence No.: 4
Sample ID: Calib 3 V-68473
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/22/2009 12:22:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 3 V-68473

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	924510.8	9693.87	1.05%	99.2	%
Yittrium	391427.3	76.58	0.02%	96.1	%
Aluminumt	124300.2	2878.09	2.32%	[5]	mg/L
Antimonyt	1468.4	16.66	1.13%	[0.5]	mg/L
Arsenict	675.7	21.09	3.12%	[0.5]	mg/L
Bariumt	69773.9	1584.56	2.27%	[0.5]	mg/L
Berylliumt	1576887.3	41565.91	2.64%	[0.5]	mg/L
Cadmiumt	28315.9	404.31	1.43%	[0.5]	mg/L
Calciumt	5786166.3	148338.76	2.56%	[50]	mg/L
Chromiumt	44286.7	1068.07	2.41%	[0.5]	mg/L
Cobaltt	23462.4	335.83	1.43%	[0.5]	mg/L
Coppert	57681.4	1543.69	2.68%	[0.5]	mg/L
Iront	80332.0	2335.94	2.91%	[5]	mg/L
Leadt	7414.1	100.28	1.35%	[0.5]	mg/L
Magnesiumt	926264.2	23237.72	2.51%	[50]	mg/L
Manganeset	236015.9	5539.77	2.35%	[0.5]	mg/L
Molybdenumt	8997.5	488.28	5.43%	[0.5]	mg/L
Nickelt	28243.0	678.35	2.40%	[0.5]	mg/L
Potassiumt	13023.6	1728.13	13.27%	[50]	mg/L
Seleniumt	981.1	42.54	4.34%	[0.5]	mg/L
Silvert	19081.2	572.47	3.00%	[0.1]	mg/L
Sodiumt	47145.0	1048.85	2.22%	[50]	mg/L
Thalliumt	1031.7	24.31	2.36%	[0.5]	mg/L
Tint	2663.7	49.45	1.86%	[0.5]	mg/L
Titaniumt	337244.3	8474.47	2.51%	[0.5]	mg/L
Vanadiumt	73000.4	2016.78	2.76%	[0.5]	mg/L
Zinct	15208.3	240.28	1.58%	[0.5]	mg/L

Sequence No.: 5
Sample ID: Calib 4 V-69300
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/22/2009 12:26:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 4 V-69300

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Scanadium	912354.1	4493.67	0.49%	97.9	%
Yittrium	390730.1	1882.43	0.48%	95.9	%
Aluminumt	247550.1	3914.74	1.58%	[10]	mg/L
Antimonyt	2872.2	34.34	1.20%	[1.0]	mg/L
Arsenict	1345.3	16.90	1.26%	[1.0]	mg/L
Bariumt	136845.3	1824.65	1.33%	[1.0]	mg/L
Berylliumt	3142037.9	73452.71	2.34%	[1]	mg/L
Cadmiumt	56210.9	754.50	1.34%	[1.0]	mg/L
Calciumt	11474857.9	264039.28	2.30%	[100]	mg/L
Chromiumt	88299.2	952.88	1.08%	[1.0]	mg/L
Cobaltt	46251.2	613.59	1.33%	[1.0]	mg/L
Coppert	115397.8	1536.15	1.33%	[1.0]	mg/L
Iront	159095.4	3259.51	2.05%	[10]	mg/L
Leadt	14601.0	205.40	1.41%	[1.0]	mg/L
Magnesiumt	1841317.0	26476.31	1.44%	[100]	mg/L
Manganeset	469565.9	6316.91	1.35%	[1.0]	mg/L
Molybdenumt	17313.0	987.45	5.70%	[1.0]	mg/L
Nickelt	56171.0	585.63	1.04%	[1.0]	mg/L
Potassiumt	29430.2	902.09	3.07%	[100]	mg/L
Seleniumt	2006.3	51.93	2.59%	[1.0]	mg/L
Silvert	39793.5	515.42	1.30%	[0.2]	mg/L
Sodiumt	99665.6	1380.35	1.38%	[100]	mg/L
Thalliumt	1983.2	40.42	2.04%	[1.0]	mg/L
Tint	5167.1	75.72	1.47%	[1.0]	mg/L
Titaniumt	676221.8	8952.34	1.32%	[1.0]	mg/L
Vanadiumt	144876.7	2246.94	1.55%	[1.0]	mg/L
Zinct	29684.6	530.64	1.79%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum	3	Lin Thru 0	0.0	24780	0.00000	0.999993	
Antimony	3	Lin Thru 0	0.0	2885	0.00000	0.999958	
Arsenic	4	Lin Thru 0	0.0	1347	0.00000	0.999996	
Barium	3	Lin Thru 0	0.0	137400	0.00000	0.999969	
Beryllium	4	Lin Thru 0	0.0	3144000	0.00000	0.999999	
Cadmium	4	Lin Thru 0	0.0	56300	0.00000	0.999995	
Calcium	3	Lin Thru 0	0.0	114900	0.00000	0.999993	
Chromium	3	Lin Thru 0	0.0	88350	0.00000	0.999999	
Cobalt	3	Lin Thru 0	0.0	46390	0.00000	0.999983	
Copper	3	Lin Thru 0	0.0	115400	0.00000	0.999999	
Iron	3	Lin Thru 0	0.0	15940	0.00000	0.999992	
Lead	4	Lin Thru 0	0.0	14650	0.00000	0.999980	
Magnesium	3	Lin Thru 0	0.0	18440	0.00000	0.999997	
Manganese	3	Lin Thru 0	0.0	470100	0.00000	0.999998	
Molybdenum	3	Lin Thru 0	0.0	17450	0.00000	0.999878	
Nickel	3	Lin Thru 0	0.0	56230	0.00000	0.999997	
Potassium	3	Lin Thru 0	0.0	287.6	0.00000	0.997985	
Selenium	3	Lin Thru 0	0.0	1997	0.00000	0.999956	
Silver	3	Lin Thru 0	0.0	197300	0.00000	0.999863	
Sodium	3	Lin Thru 0	0.0	985.9	0.00000	0.999761	
Thallium	4	Lin Thru 0	0.0	1999	0.00000	0.999871	
Tin	3	Lin Thru 0	0.0	5199	0.00000	0.999922	
Titanium	3	Lin Thru 0	0.0	675900	0.00000	0.999999	
Vanadium	3	Lin Thru 0	0.0	145100	0.00000	0.999995	
Zinc	3	Lin Thru 0	0.0	29830	0.00000	0.999952	

Sequence No.: 6 **Autosampler Location: 3**
Sample ID: ICS3 V-68473 **Date Collected: 7/22/2009 12:31:07 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICS3 V-68473

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	920636.5	98.8	%	1.17				1.19%
Yittrium	390014.0	95.8	%	0.35				0.37%
Aluminumt	124668.4	5.02397	mg/L	0.126270	5.02397	mg/L	0.126270	2.51%
QC value within limits for Aluminum Recovery = 100.48%								
Antimonyt	1470.2	0.510920	mg/L	0.0020339	0.510920	mg/L	0.0020339	0.40%
QC value within limits for Antimony Recovery = 102.18%								
Arsenict	679.3	0.502317	mg/L	0.0078026	0.502317	mg/L	0.0078026	1.55%
QC value within limits for Arsenic Recovery = 100.46%								
Bariumt	70089.3	0.509986	mg/L	0.0126200	0.509986	mg/L	0.0126200	2.47%
QC value within limits for Barium Recovery = 102.00%								
Berylliumt	1576281.6	0.500942	mg/L	0.0137183	0.500942	mg/L	0.0137183	2.74%
QC value within limits for Beryllium Recovery = 100.19%								
Cadmiumt	28377.3	0.503952	mg/L	0.0038047	0.503952	mg/L	0.0038047	0.75%
QC value within limits for Cadmium Recovery = 100.79%								
Calciumt	5778659.1	50.2733	mg/L	1.38972	50.2733	mg/L	1.38972	2.76%
QC value within limits for Calcium Recovery = 100.55%								
Chromiumt	44418.9	0.506597	mg/L	0.0118877	0.506597	mg/L	0.0118877	2.35%
QC value within limits for Chromium Recovery = 101.32%								
Cobaltt	23476.2	0.507259	mg/L	0.0047583	0.507259	mg/L	0.0047583	0.94%
QC value within limits for Cobalt Recovery = 101.45%								
Coppert	57926.3	0.501996	mg/L	0.0115149	0.501996	mg/L	0.0115149	2.29%
QC value within limits for Copper Recovery = 100.40%								
Iront	80567.0	5.05411	mg/L	0.142861	5.05411	mg/L	0.142861	2.83%
QC value within limits for Iron Recovery = 101.08%								
Leadt	7447.2	0.509069	mg/L	0.0037918	0.509069	mg/L	0.0037918	0.74%
QC value within limits for Lead Recovery = 101.81%								
Magnesiumt	925531.6	50.2034	mg/L	1.35528	50.2034	mg/L	1.35528	2.70%
QC value within limits for Magnesium Recovery = 100.41%								
Manganeset	236713.5	0.503583	mg/L	0.0106747	0.503583	mg/L	0.0106747	2.12%
QC value within limits for Manganese Recovery = 100.72%								
Molybdenumt	9257.7	0.519388	mg/L	0.0232348	0.519388	mg/L	0.0232348	4.47%
QC value within limits for Molybdenum Recovery = 103.88%								
Nickelt	28805.7	0.512816	mg/L	0.0043703	0.512816	mg/L	0.0043703	0.85%
QC value within limits for Nickel Recovery = 102.56%								
Potassiumt	13811.2	47.9020	mg/L	7.99908	47.9020	mg/L	7.99908	16.70%
QC value within limits for Potassium Recovery = 95.80%								
Seleniumt	1012.1	0.509398	mg/L	0.0046284	0.509398	mg/L	0.0046284	0.91%
QC value within limits for Selenium Recovery = 101.88%								
Silvert	19010.5	0.0968411	mg/L	0.00202123	0.0968411	mg/L	0.00202123	2.09%
QC value within limits for Silver Recovery = 96.84%								
Sodiumt	47366.1	48.0802	mg/L	1.07447	48.0802	mg/L	1.07447	2.23%
QC value within limits for Sodium Recovery = 96.16%								
Thalliumt	1026.4	0.520201	mg/L	0.0096232	0.520201	mg/L	0.0096232	1.85%
QC value within limits for Thallium Recovery = 104.04%								
Tint	2669.6	0.506572	mg/L	0.0055133	0.506572	mg/L	0.0055133	1.09%
QC value within limits for Tin Recovery = 101.31%								
Titaniumt	339401.4	0.502166	mg/L	0.0127254	0.502166	mg/L	0.0127254	2.53%
QC value within limits for Titanium Recovery = 100.43%								
Vanadiumt	73298.7	0.505486	mg/L	0.0142437	0.505486	mg/L	0.0142437	2.82%
QC value within limits for Vanadium Recovery = 101.10%								
Zinct	15225.9	0.510542	mg/L	0.0024353	0.510542	mg/L	0.0024353	0.48%
QC value within limits for Zinc Recovery = 102.11%								

All analyte(s) passed QC.

Sequence No.: 7 **Autosampler Location: 11**
Sample ID: ICV V-68813 (2) **Date Collected: 7/22/2009 12:35:57 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICV V-68813 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	909254.7	97.6	%	0.06				0.06%
Yittrium	389611.7	95.7	%	0.01				0.01%
Aluminumt	246196.0	9.92228	mg/L	0.089699	9.92228	mg/L	0.089699	0.90%
QC value within limits for Aluminum Recovery = 99.22%								
Antimonyt	2877.6	1.00009	mg/L	0.000625	1.00009	mg/L	0.000625	0.06%
QC value within limits for Antimony Recovery = 100.01%								
Arsenict	1349.5	0.997922	mg/L	0.0034665	0.997922	mg/L	0.0034665	0.35%
QC value within limits for Arsenic Recovery = 99.79%								
Bariumt	135724.3	0.987556	mg/L	0.0085136	0.987556	mg/L	0.0085136	0.86%
QC value within limits for Barium Recovery = 98.76%								
Berylliumt	3129760.6	0.994639	mg/L	0.0231734	0.994639	mg/L	0.0231734	2.33%
QC value within limits for Beryllium Recovery = 99.46%								
Cadmiumt	55743.4	0.989945	mg/L	0.0093896	0.989945	mg/L	0.0093896	0.95%
QC value within limits for Cadmium Recovery = 98.99%								
Calciumt	11437249.5	99.5021	mg/L	1.97696	99.5021	mg/L	1.97696	1.99%
QC value within limits for Calcium Recovery = 99.50%								
Chromiumt	87742.2	1.00024	mg/L	0.016166	1.00024	mg/L	0.016166	1.62%
QC value within limits for Chromium Recovery = 100.02%								
Cobaltt	45802.8	0.989431	mg/L	0.0089905	0.989431	mg/L	0.0089905	0.91%
QC value within limits for Cobalt Recovery = 98.94%								
Coppert	114827.7	0.995111	mg/L	0.0130431	0.995111	mg/L	0.0130431	1.31%
QC value within limits for Copper Recovery = 99.51%								
Iront	157938.0	9.90774	mg/L	0.181269	9.90774	mg/L	0.181269	1.83%
QC value within limits for Iron Recovery = 99.08%								
Leadt	14549.8	0.994456	mg/L	0.0025372	0.994456	mg/L	0.0025372	0.26%
QC value within limits for Lead Recovery = 99.45%								
Magnesiumt	1821466.4	98.8014	mg/L	1.23954	98.8014	mg/L	1.23954	1.25%
QC value within limits for Magnesium Recovery = 98.80%								
Manganeset	466009.3	0.991386	mg/L	0.0117966	0.991386	mg/L	0.0117966	1.19%
QC value within limits for Manganese Recovery = 99.14%								
Molybdenumt	17179.8	0.962905	mg/L	0.0451561	0.962905	mg/L	0.0451561	4.69%
QC value within limits for Molybdenum Recovery = 96.29%								
Nickelt	55677.2	0.991172	mg/L	0.0146627	0.991172	mg/L	0.0146627	1.48%
QC value within limits for Nickel Recovery = 99.12%								
Potassiumt	28876.5	100.167	mg/L	3.9638	100.167	mg/L	3.9638	3.96%
QC value within limits for Potassium Recovery = 100.17%								
Seleniumt	1975.7	0.994527	mg/L	0.0054915	0.994527	mg/L	0.0054915	0.55%
QC value within limits for Selenium Recovery = 99.45%								
Silvert	39576.4	0.201544	mg/L	0.0026909	0.201544	mg/L	0.0026909	1.34%
QC value within limits for Silver Recovery = 100.77%								
Sodiumt	99277.4	100.779	mg/L	0.7087	100.779	mg/L	0.7087	0.70%
QC value within limits for Sodium Recovery = 100.78%								
Thalliumt	1979.8	1.00370	mg/L	0.001296	1.00370	mg/L	0.001296	0.13%
QC value within limits for Thallium Recovery = 100.37%								
Tint	5167.3	0.980216	mg/L	0.0003137	0.980216	mg/L	0.0003137	0.03%
QC value within limits for Tin Recovery = 98.02%								
Titaniumt	672614.4	0.995175	mg/L	0.0118323	0.995175	mg/L	0.0118323	1.19%
QC value within limits for Titanium Recovery = 99.52%								
Vanadiumt	143785.5	0.991323	mg/L	0.0127806	0.991323	mg/L	0.0127806	1.29%
QC value within limits for Vanadium Recovery = 99.13%								
Zinct	29373.3	0.984920	mg/L	0.0031420	0.984920	mg/L	0.0031420	0.32%
QC value within limits for Zinc Recovery = 98.49%								

All analyte(s) passed QC.

Sequence No.: 8 **Autosampler Location: 1**
Sample ID: ICB V-68816 **Date Collected: 7/22/2009 12:40:56 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICB V-68816

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	935677.3	100	%	0.3				0.28%
Yittrium	407734.0	100	%	0.1				0.11%
Aluminumt	-30.1	-0.0013823	mg/L	0.00293996	-0.0013823	mg/L	0.00293996	212.69%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	7.6	0.0026217	mg/L	0.00265624	0.0026217	mg/L	0.00265624	101.32%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	2.9	0.0021675	mg/L	0.00120683	0.0021675	mg/L	0.00120683	55.68%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	14.5	0.0001054	mg/L	0.00004765	0.0001054	mg/L	0.00004765	45.19%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	120.2	0.0000380	mg/L	0.00001724	0.0000380	mg/L	0.00001724	45.37%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	18.4	0.0003273	mg/L	0.00018506	0.0003273	mg/L	0.00018506	56.55%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	422.0	0.0036711	mg/L	0.00016128	0.0036711	mg/L	0.00016128	4.39%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	5.9	0.0001517	mg/L	0.00017523	0.0001517	mg/L	0.00017523	115.54%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-7.2	-0.0001055	mg/L	0.00020140	-0.0001055	mg/L	0.00020140	190.90%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-6.1	-0.0000529	mg/L	0.00081175	-0.0000529	mg/L	0.00081175	>999.9%
QC value within limits for Copper Recovery = Not calculated								
Iront	-52.9	-0.0033171	mg/L	0.00659771	-0.0033171	mg/L	0.00659771	198.90%
QC value within limits for Iron Recovery = Not calculated								
Leadt	6.1	0.0004463	mg/L	0.00021204	0.0004463	mg/L	0.00021204	47.51%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	-84.9	-0.0046040	mg/L	0.01090641	-0.0046040	mg/L	0.01090641	236.89%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	-49.5	-0.0001054	mg/L	0.00012741	-0.0001054	mg/L	0.00012741	120.93%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	203.2	0.0116510	mg/L	0.00128023	0.0116510	mg/L	0.00128023	10.99%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-18.5	-0.0003211	mg/L	0.00025212	-0.0003211	mg/L	0.00025212	78.52%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	520.4	1.80902	mg/L	4.142145	1.80902	mg/L	4.142145	228.97%
QC value within limits for Potassium Recovery = Not calculated								
Seleniumt	-4.3	-0.0021556	mg/L	0.01007748	-0.0021556	mg/L	0.01007748	467.50%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	20.3	0.0001024	mg/L	0.00073485	0.0001024	mg/L	0.00073485	717.85%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-51.3	-0.0517854	mg/L	0.06653993	-0.0517854	mg/L	0.06653993	128.49%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	6.1	0.0030924	mg/L	0.00327792	0.0030924	mg/L	0.00327792	106.00%
QC value within limits for Thallium Recovery = Not calculated								
Tint	1.0	0.0001829	mg/L	0.00095141	0.0001829	mg/L	0.00095141	520.05%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	217.0	0.0003211	mg/L	0.00016557	0.0003211	mg/L	0.00016557	51.56%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	-54.9	-0.0003265	mg/L	0.00002446	-0.0003265	mg/L	0.00002446	7.49%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-9.3	-0.0003103	mg/L	0.00003533	-0.0003103	mg/L	0.00003533	11.38%
QC value within limits for Zinc Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 9 **Autosampler Location: 7**
Sample ID: ICSA V-68333 **Date Collected: 7/22/2009 12:44:21 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	860183.5	92.3	%	0.28				0.30%
Yittrium	368818.9	90.6	%	0.31				0.34%
Aluminumt	12329599.0	497.627	mg/L	8.2494	497.627	mg/L	8.2494	1.66%
QC value within limits for Aluminum Recovery = 99.53%								
Antimonyt	77.7	-0.0045634	mg/L	0.00147873	-0.0045634	mg/L	0.00147873	32.40%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	50.2	-0.0018568	mg/L	0.00548911	-0.0018568	mg/L	0.00548911	295.61%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1352.7	-0.0023401	mg/L	0.00024393	-0.0023401	mg/L	0.00024393	10.42%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2420.0	-0.0007719	mg/L	0.00000550	-0.0007719	mg/L	0.00000550	0.71%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	186.4	-0.0017624	mg/L	0.00040136	-0.0017624	mg/L	0.00040136	22.77%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	55400392.2	481.974	mg/L	6.7038	481.974	mg/L	6.7038	1.39%
QC value within limits for Calcium Recovery = 96.39%								
Chromiumt	-305.7	-0.0033187	mg/L	0.00018202	-0.0033187	mg/L	0.00018202	5.48%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-139.8	-0.0029395	mg/L	0.00029958	-0.0029395	mg/L	0.00029958	10.19%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-215.7	-0.0018694	mg/L	0.00032745	-0.0018694	mg/L	0.00032745	17.52%
QC value within limits for Copper Recovery = Not calculated								
Iront	3165175.0	198.557	mg/L	1.3031	198.557	mg/L	1.3031	0.66%
QC value within limits for Iron Recovery = 99.28%								
Leadt	3965.2	-0.0021167	mg/L	0.00681426	-0.0021167	mg/L	0.00681426	321.92%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	9500288.8	515.322	mg/L	7.5196	515.322	mg/L	7.5196	1.46%
QC value within limits for Magnesium Recovery = 103.06%								
Manganeset	-3519.0	-0.0074864	mg/L	0.00008290	-0.0074864	mg/L	0.00008290	1.11%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	337.5	0.0052211	mg/L	0.00096989	0.0052211	mg/L	0.00096989	18.58%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-210.9	0.0030349	mg/L	0.00019242	0.0030349	mg/L	0.00019242	6.34%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	629716.9	2187.51	mg/L	29.600	2187.51	mg/L	29.600	1.35%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Seleniumt	-54.6	-0.0080468	mg/L	0.00505954	-0.0080468	mg/L	0.00505954	62.88%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-3843.2	0.0003897	mg/L	0.00012023	0.0003897	mg/L	0.00012023	30.85%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	37.5	0.0495056	mg/L	0.05041521	0.0495056	mg/L	0.05041521	101.84%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-47.5	0.0031659	mg/L	0.00408853	0.0031659	mg/L	0.00408853	129.14%
QC value within limits for Thallium Recovery = Not calculated								
Tint	226.0	-0.0076636	mg/L	0.00045916	-0.0076636	mg/L	0.00045916	5.99%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2170.0	0.0032106	mg/L	0.00001250	0.0032106	mg/L	0.00001250	0.39%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	4969.2	0.0069415	mg/L	0.00012598	0.0069415	mg/L	0.00012598	1.81%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-902.1	-0.0093380	mg/L	0.00022048	-0.0093380	mg/L	0.00022048	2.36%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 10 Autosampler Location: 8
Sample ID: ICSAB V-68334 Date Collected: 7/22/2009 12:49:42 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	863560.3	92.7	%	0.54				0.58%
Yittrium	369936.2	90.8	%	0.63				0.69%
Aluminumt	12482821.6	503.811	mg/L	9.0212	503.811	mg/L	9.0212	1.79%
QC value within limits for Aluminum Recovery = 100.76%								
Antimonyt	3038.7	1.02123	mg/L	0.007305	1.02123	mg/L	0.007305	0.72%
QC value within limits for Antimony Recovery = 102.12%								
Arsenict	1430.0	1.02220	mg/L	0.012561	1.02220	mg/L	0.012561	1.23%
QC value within limits for Arsenic Recovery = 102.22%								
Bariumt	72666.1	0.516566	mg/L	0.0000297	0.516566	mg/L	0.0000297	0.01%
QC value within limits for Barium Recovery = 103.31%								
Berylliumt	1614796.4	0.513547	mg/L	0.0006419	0.513547	mg/L	0.0006419	0.12%
QC value within limits for Beryllium Recovery = 102.71%								
Cadmiumt	58992.0	1.04274	mg/L	0.003679	1.04274	mg/L	0.003679	0.35%
QC value within limits for Cadmium Recovery = 104.27%								
Calciumt	56015904.4	487.329	mg/L	8.5623	487.329	mg/L	8.5623	1.76%
QC value within limits for Calcium Recovery = 97.47%								
Chromiumt	44881.0	0.508099	mg/L	0.0049046	0.508099	mg/L	0.0049046	0.97%
QC value within limits for Chromium Recovery = 101.62%								
Cobaltt	23130.9	0.498732	mg/L	0.0003411	0.498732	mg/L	0.0003411	0.07%
QC value within limits for Cobalt Recovery = 99.75%								
Coppert	62636.4	0.542814	mg/L	0.0023077	0.542814	mg/L	0.0023077	0.43%
QC value within limits for Copper Recovery = 108.56%								
Iront	3219698.6	201.978	mg/L	0.6239	201.978	mg/L	0.6239	0.31%
QC value within limits for Iron Recovery = 100.99%								
Leadt	18671.6	0.998523	mg/L	0.0014953	0.998523	mg/L	0.0014953	0.15%
QC value within limits for Lead Recovery = 99.85%								
Magnesiumt	9615077.3	521.548	mg/L	10.2105	521.548	mg/L	10.2105	1.96%
QC value within limits for Magnesium Recovery = 104.31%								
Manganeset	238417.5	0.507208	mg/L	0.0008105	0.507208	mg/L	0.0008105	0.16%
QC value within limits for Manganese Recovery = 101.44%								
Molybdenumt	317.1	-0.0131467	mg/L	0.00311359	-0.0131467	mg/L	0.00311359	23.68%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	54984.3	0.984678	mg/L	0.0074767	0.984678	mg/L	0.0074767	0.76%
QC value within limits for Nickel Recovery = 98.47%								
Potassiumt	638913.7	2219.46	mg/L	11.452	2219.46	mg/L	11.452	0.52%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Seleniumt	2023.8	1.03269	mg/L	0.007159	1.03269	mg/L	0.007159	0.69%
QC value within limits for Selenium Recovery = 103.27%								
Silvert	209497.2	1.08183	mg/L	0.003510	1.08183	mg/L	0.003510	0.32%
QC value within limits for Silver Recovery = 108.18%								
Sodiumt	1081.5	0.773642	mg/L	0.0615458	0.773642	mg/L	0.0615458	7.96%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	1925.2	0.990907	mg/L	0.0002447	0.990907	mg/L	0.0002447	0.02%
QC value within limits for Thallium Recovery = 99.09%								
Tint	239.4	-0.0054958	mg/L	0.00339055	-0.0054958	mg/L	0.00339055	61.69%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2372.6	0.0035104	mg/L	0.00005965	0.0035104	mg/L	0.00005965	1.70%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	78178.4	0.511096	mg/L	0.0013585	0.511096	mg/L	0.0013585	0.27%
QC value within limits for Vanadium Recovery = 102.22%								
Zinct	28825.5	0.987438	mg/L	0.0045404	0.987438	mg/L	0.0045404	0.46%
QC value within limits for Zinc Recovery = 98.74%								

QC Failed. Continue with analysis.

Sequence No.: 11
Sample ID: MB 10378 (1)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 7/22/2009 12:54:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 10378 (1)

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	961653.0	103	%	0.7				0.64%
Yittrium	415367.6	102	%	0.5				0.45%
Aluminumt	3644.4	0.147099	mg/L	0.0811026	0.147099	mg/L	0.0811026	55.13%
Antimonyt	-5.5	-0.0019065	mg/L	0.00403893	-0.0019065	mg/L	0.00403893	211.85%
Arsenict	1.6	0.0011632	mg/L	0.00375706	0.0011632	mg/L	0.00375706	323.00%
Bariumt	64.5	0.0004659	mg/L	0.00005601	0.0004659	mg/L	0.00005601	12.02%
Berylliumt	754.3	0.0002397	mg/L	0.00010211	0.0002397	mg/L	0.00010211	42.60%
Cadmiumt	1.6	0.0000265	mg/L	0.00018059	0.0000265	mg/L	0.00018059	680.85%
Calciumt	24000.3	0.208798	mg/L	0.0918934	0.208798	mg/L	0.0918934	44.01%
Chromiumt	14.8	0.0001628	mg/L	0.00000779	0.0001628	mg/L	0.00000779	4.78%
Cobaltt	-21.8	-0.0004730	mg/L	0.00046340	-0.0004730	mg/L	0.00046340	97.97%
Coppert	-15.2	-0.0001321	mg/L	0.00129552	-0.0001321	mg/L	0.00129552	980.79%
Iront	1143.9	0.0717587	mg/L	0.02484799	0.0717587	mg/L	0.02484799	34.63%
Leadt	3.0	0.0001258	mg/L	0.00036764	0.0001258	mg/L	0.00036764	292.28%
Magnesiumt	3914.0	0.212304	mg/L	0.0973826	0.212304	mg/L	0.0973826	45.87%
Manganeset	286.0	0.0006084	mg/L	0.00007308	0.0006084	mg/L	0.00007308	12.01%
Molybdenumt	-11.9	-0.0008486	mg/L	0.00007111	-0.0008486	mg/L	0.00007111	8.38%
Nickelt	45.3	0.0008081	mg/L	0.00073761	0.0008081	mg/L	0.00073761	91.28%
Potassiumt	-3209.1	-11.1571	mg/L	2.45531	-11.1571	mg/L	2.45531	22.01%
Seleniumt	-10.4	-0.0052125	mg/L	0.00101677	-0.0052125	mg/L	0.00101677	19.51%
Silvert	-106.1	-0.0005304	mg/L	0.00000816	-0.0005304	mg/L	0.00000816	1.54%
Sodiumt	198.2	0.198049	mg/L	0.0074670	0.198049	mg/L	0.0074670	3.77%
Thalliumt	-0.6	-0.0003092	mg/L	0.00300730	-0.0003092	mg/L	0.00300730	972.51%
Tint	-3.3	-0.0006541	mg/L	0.00089885	-0.0006541	mg/L	0.00089885	137.42%
Titaniumt	152.1	0.0002250	mg/L	0.00001848	0.0002250	mg/L	0.00001848	8.21%
Vanadiumt	-112.2	-0.0007871	mg/L	0.00067386	-0.0007871	mg/L	0.00067386	85.62%
Zinct	272.9	0.0091536	mg/L	0.00065384	0.0091536	mg/L	0.00065384	7.14%

Sequence No.: 12
Sample ID: LCSW
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 7/22/2009 12:57:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	946050.7	102	%	1.3				1.26%
Yittrium	396974.2	97.5	%	0.63				0.64%
Aluminumt	117947.4	4.75328	mg/L	0.112056	4.75328	mg/L	0.112056	2.36%
Antimonyt	1387.9	0.482320	mg/L	0.0078655	0.482320	mg/L	0.0078655	1.63%
Arsenict	643.4	0.475762	mg/L	0.0053605	0.475762	mg/L	0.0053605	1.13%
Bariumt	67540.0	0.491439	mg/L	0.0107154	0.491439	mg/L	0.0107154	2.18%
Berylliumt	1504321.1	0.478078	mg/L	0.0110070	0.478078	mg/L	0.0110070	2.30%
Cadmiumt	26815.5	0.476214	mg/L	0.0074362	0.476214	mg/L	0.0074362	1.56%
Calciumt	5514748.8	47.9774	mg/L	1.11774	47.9774	mg/L	1.11774	2.33%
Chromiumt	42096.7	0.480026	mg/L	0.0098095	0.480026	mg/L	0.0098095	2.04%
Cobaltt	22414.2	0.484261	mg/L	0.0074493	0.484261	mg/L	0.0074493	1.54%
Coppert	55047.8	0.477051	mg/L	0.0103952	0.477051	mg/L	0.0103952	2.18%
Iront	76645.2	4.80810	mg/L	0.121871	4.80810	mg/L	0.121871	2.53%
Leadt	7061.2	0.482674	mg/L	0.0054596	0.482674	mg/L	0.0054596	1.13%
Magnesiumt	889421.5	48.2447	mg/L	1.16942	48.2447	mg/L	1.16942	2.42%
Manganeset	225365.2	0.479441	mg/L	0.0097290	0.479441	mg/L	0.0097290	2.03%
Molybdenumt	8568.4	0.480360	mg/L	0.0244099	0.480360	mg/L	0.0244099	5.08%
Nickelt	27419.1	0.488121	mg/L	0.0068940	0.488121	mg/L	0.0068940	1.41%
Potassiumt	9832.5	34.0747	mg/L	7.37874	34.0747	mg/L	7.37874	21.65%
Seleniumt	957.4	0.481910	mg/L	0.0116807	0.481910	mg/L	0.0116807	2.42%
Silvert	17029.8	0.0867795	mg/L	0.00214267	0.0867795	mg/L	0.00214267	2.47%
Sodiumt	44920.7	45.5950	mg/L	1.05396	45.5950	mg/L	1.05396	2.31%
Thalliumt	1001.1	0.507198	mg/L	0.0092084	0.507198	mg/L	0.0092084	1.82%
Tint	2525.3	0.479141	mg/L	0.0066968	0.479141	mg/L	0.0066968	1.40%
Titaniumt	319728.4	0.473058	mg/L	0.0087014	0.473058	mg/L	0.0087014	1.84%
Vanadiumt	69476.2	0.479049	mg/L	0.0123864	0.479049	mg/L	0.0123864	2.59%
Zinct	14588.2	0.489158	mg/L	0.0066995	0.489158	mg/L	0.0066995	1.37%

Sequence No.: 13
Sample ID: LCSW MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 16
Date Collected: 7/22/2009 1:01:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW MR

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	936966.0	101	%	0.0				0.03%
Yittrium	399436.5	98.1	%	0.27				0.28%
Aluminumt	118857.5	4.78984	mg/L	0.018777	4.78984	mg/L	0.018777	0.39%
Antimonyt	1382.8	0.480560	mg/L	0.0071258	0.480560	mg/L	0.0071258	1.48%
Arsenict	649.7	0.480435	mg/L	0.0028941	0.480435	mg/L	0.0028941	0.60%
Bariumt	68070.2	0.495297	mg/L	0.0025396	0.495297	mg/L	0.0025396	0.51%
Berylliumt	1498240.4	0.476142	mg/L	0.0112446	0.476142	mg/L	0.0112446	2.36%
Cadmiumt	26871.4	0.477206	mg/L	0.0023702	0.477206	mg/L	0.0023702	0.50%
Calciumt	5486910.6	47.7352	mg/L	1.07805	47.7352	mg/L	1.07805	2.26%
Chromiumt	42454.7	0.484164	mg/L	0.0039563	0.484164	mg/L	0.0039563	0.82%
Cobaltt	22469.5	0.485497	mg/L	0.0026505	0.485497	mg/L	0.0026505	0.55%
Coppert	55741.1	0.483059	mg/L	0.0031617	0.483059	mg/L	0.0031617	0.65%
Iront	77830.4	4.88245	mg/L	0.061553	4.88245	mg/L	0.061553	1.26%
Leadt	7061.9	0.482716	mg/L	0.0013923	0.482716	mg/L	0.0013923	0.29%
Magnesiumt	884431.0	47.9740	mg/L	1.08169	47.9740	mg/L	1.08169	2.25%
Manganeset	227749.8	0.484514	mg/L	0.0033477	0.484514	mg/L	0.0033477	0.69%
Molybdenumt	8775.6	0.492244	mg/L	0.0183507	0.492244	mg/L	0.0183507	3.73%
Nickelt	27283.0	0.485712	mg/L	0.0017590	0.485712	mg/L	0.0017590	0.36%
Potassiumt	11043.0	38.2836	mg/L	0.14871	38.2836	mg/L	0.14871	0.39%
Seleniumt	945.3	0.475832	mg/L	0.0131336	0.475832	mg/L	0.0131336	2.76%
Silvert	17294.2	0.0881266	mg/L	0.00108002	0.0881266	mg/L	0.00108002	1.23%
Sodiumt	45328.8	46.0101	mg/L	0.10412	46.0101	mg/L	0.10412	0.23%
Thalliumt	999.0	0.506169	mg/L	0.0136935	0.506169	mg/L	0.0136935	2.71%
Tint	2521.7	0.478489	mg/L	0.0060898	0.478489	mg/L	0.0060898	1.27%
Titaniumt	321729.3	0.476019	mg/L	0.0032958	0.476019	mg/L	0.0032958	0.69%
Vanadiumt	70126.2	0.483587	mg/L	0.0034503	0.483587	mg/L	0.0034503	0.71%
Zinct	14598.6	0.489507	mg/L	0.0011873	0.489507	mg/L	0.0011873	0.24%

Sequence No.: 14
Sample ID: 45774-008
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 7/22/2009 1:05:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-008

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	950452.9	102	%	0.3				0.33%
Yittrium	410166.3	101	%	0.2				0.19%
Aluminumt	11220.0	0.452648	mg/L	0.0019454	0.452648	mg/L	0.0019454	0.43%
Antimonyt	1.6	0.0005230	mg/L	0.00036764	0.0005230	mg/L	0.00036764	70.29%
Arsenict	5.1	0.0036934	mg/L	0.00385459	0.0036934	mg/L	0.00385459	104.36%
Bariumt	5357.5	0.0389683	mg/L	0.00052465	0.0389683	mg/L	0.00052465	1.35%
Berylliumt	416.5	0.0001215	mg/L	0.00002468	0.0001215	mg/L	0.00002468	20.30%
Cadmiumt	54.2	0.0009346	mg/L	0.00016801	0.0009346	mg/L	0.00016801	17.98%
Calciumt	887814.6	7.72383	mg/L	0.216235	7.72383	mg/L	0.216235	2.80%
Chromiumt	457.3	0.0052736	mg/L	0.00223422	0.0052736	mg/L	0.00223422	42.37%
Cobaltt	16.3	0.0003748	mg/L	0.00027938	0.0003748	mg/L	0.00027938	74.53%
Coppert	190.5	0.0016509	mg/L	0.00064943	0.0016509	mg/L	0.00064943	39.34%
Iront	17897.7	1.12276	mg/L	0.026570	1.12276	mg/L	0.026570	2.37%
Leadt	-13.2	-0.0007407	mg/L	0.00152863	-0.0007407	mg/L	0.00152863	206.37%
Magnesiumt	27155.1	1.47297	mg/L	0.034489	1.47297	mg/L	0.034489	2.34%
Manganeset	49605.7	0.105531	mg/L	0.0024916	0.105531	mg/L	0.0024916	2.36%
Molybdenumt	235.8	0.0112311	mg/L	0.00188926	0.0112311	mg/L	0.00188926	16.82%
Nickelt	363.4	0.0065098	mg/L	0.00061400	0.0065098	mg/L	0.00061400	9.43%
Potassiumt	119.7	0.405099	mg/L	0.2426283	0.405099	mg/L	0.2426283	59.89%
Seleniumt	-20.9	-0.0101058	mg/L	0.00596803	-0.0101058	mg/L	0.00596803	59.06%
Silvert	-85.3	-0.0003197	mg/L	0.00005017	-0.0003197	mg/L	0.00005017	15.69%
Sodiumt	62051.6	62.9088	mg/L	1.95609	62.9088	mg/L	1.95609	3.11%
Thalliumt	9.0	0.0049889	mg/L	0.00565279	0.0049889	mg/L	0.00565279	113.31%
Tint	20.8	0.0029989	mg/L	0.00189890	0.0029989	mg/L	0.00189890	63.32%
Titaniumt	10345.7	0.0153071	mg/L	0.00119941	0.0153071	mg/L	0.00119941	7.84%
Vanadiumt	144.7	0.0009529	mg/L	0.00016111	0.0009529	mg/L	0.00016111	16.91%
Zinct	3316.0	0.111090	mg/L	0.0006250	0.111090	mg/L	0.0006250	0.56%

Sequence No.: 15
Sample ID: 45774-008 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 7/22/2009 1:08:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-008 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	949418.5	102	%	0.3				0.28%
Yittrium	409549.5	101	%	0.4				0.44%
Aluminumt	10920.2	0.440665	mg/L	0.0103031	0.440665	mg/L	0.0103031	2.34%
Antimonyt	-7.3	-0.0025711	mg/L	0.00146705	-0.0025711	mg/L	0.00146705	57.06%
Arsenict	1.6	0.0010832	mg/L	0.00231199	0.0010832	mg/L	0.00231199	213.44%
Bariumt	5281.7	0.0384157	mg/L	0.00037282	0.0384157	mg/L	0.00037282	0.97%
Berylliumt	116.4	0.0000262	mg/L	0.00007187	0.0000262	mg/L	0.00007187	274.66%
Cadmiumt	56.8	0.0009797	mg/L	0.00028101	0.0009797	mg/L	0.00028101	28.68%
Calciumt	876937.9	7.62921	mg/L	0.211084	7.62921	mg/L	0.211084	2.77%
Chromiumt	449.2	0.0051244	mg/L	0.00000565	0.0051244	mg/L	0.00000565	0.11%
Cobaltt	11.3	0.0002326	mg/L	0.00003856	0.0002326	mg/L	0.00003856	16.58%
Coppert	354.6	0.0030731	mg/L	0.00014964	0.0030731	mg/L	0.00014964	4.87%
Iront	18543.0	1.16324	mg/L	0.015983	1.16324	mg/L	0.015983	1.37%
Leadt	10.0	0.0008213	mg/L	0.00020493	0.0008213	mg/L	0.00020493	24.95%
Magnesiumt	26716.6	1.44918	mg/L	0.037805	1.44918	mg/L	0.037805	2.61%
Manganeset	49299.8	0.104880	mg/L	0.0027752	0.104880	mg/L	0.0027752	2.65%
Molybdenumt	95.3	0.0031992	mg/L	0.00015731	0.0031992	mg/L	0.00015731	4.92%
Nickelt	406.2	0.0072679	mg/L	0.00062678	0.0072679	mg/L	0.00062678	8.62%
Potassiumt	256.8	0.881947	mg/L	2.5933907	0.881947	mg/L	2.5933907	294.05%
Seleniumt	-3.2	-0.0012330	mg/L	0.00443791	-0.0012330	mg/L	0.00443791	359.92%
Silvert	8.2	0.0001578	mg/L	0.00033750	0.0001578	mg/L	0.00033750	213.91%
Sodiumt	62072.6	62.9303	mg/L	2.03848	62.9303	mg/L	2.03848	3.24%
Thalliumt	5.1	0.0030163	mg/L	0.00310425	0.0030163	mg/L	0.00310425	102.91%
Tint	12.7	0.0014645	mg/L	0.00063607	0.0014645	mg/L	0.00063607	43.43%
Titaniumt	10280.3	0.0152103	mg/L	0.00055095	0.0152103	mg/L	0.00055095	3.62%
Vanadiumt	164.4	0.0010515	mg/L	0.00001157	0.0010515	mg/L	0.00001157	1.10%
Zinct	3290.1	0.110222	mg/L	0.0005030	0.110222	mg/L	0.0005030	0.46%

Sequence No.: 16
Sample ID: 45774-009 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 19
Date Collected: 7/22/2009 1:12:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-009 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	937628.1	101	%	0.0				0.02%
Yittrium	418861.4	103	%	0.6				0.58%
Aluminumt	673014.9	27.1557	mg/L	0.19664	27.1557	mg/L	0.19664	0.72%
Antimonyt	1316.1	0.456144	mg/L	0.0024710	0.456144	mg/L	0.0024710	0.54%
Arsenict	626.0	0.460318	mg/L	0.0086113	0.460318	mg/L	0.0086113	1.87%
Bariumt	76685.4	0.557017	mg/L	0.0047507	0.557017	mg/L	0.0047507	0.85%
Berylliumt	1443922.6	0.458487	mg/L	0.0128841	0.458487	mg/L	0.0128841	2.81%
Cadmiumt	25768.1	0.456750	mg/L	0.0036041	0.456750	mg/L	0.0036041	0.79%
Calciumt	6324263.7	55.0200	mg/L	1.52706	55.0200	mg/L	1.52706	2.78%
Chromiumt	52209.2	0.594628	mg/L	0.0058389	0.594628	mg/L	0.0058389	0.98%
Cobaltt	21824.9	0.470461	mg/L	0.0032606	0.470461	mg/L	0.0032606	0.69%
Coppert	61630.7	0.534099	mg/L	0.0052841	0.534099	mg/L	0.0052841	0.99%
Iront	611972.8	38.3902	mg/L	0.63915	38.3902	mg/L	0.63915	1.66%
Leadt	7069.0	0.469382	mg/L	0.0024839	0.469382	mg/L	0.0024839	0.53%
Magnesiumt	895075.4	48.5514	mg/L	1.39324	48.5514	mg/L	1.39324	2.87%
Manganeset	602251.1	1.28123	mg/L	0.014519	1.28123	mg/L	0.014519	1.13%
Molybdenumt	8923.2	0.487273	mg/L	0.0232705	0.487273	mg/L	0.0232705	4.78%
Nickelt	29810.4	0.531806	mg/L	0.0033449	0.531806	mg/L	0.0033449	0.63%
Potassiumt	104636.8	363.595	mg/L	8.4485	363.595	mg/L	8.4485	2.32%
Seleniumt	900.8	0.452929	mg/L	0.0066701	0.452929	mg/L	0.0066701	1.47%
Silvert	15566.5	0.0827240	mg/L	0.00070775	0.0827240	mg/L	0.00070775	0.86%
Sodiumt	113214.3	114.822	mg/L	0.5760	114.822	mg/L	0.5760	0.50%
Thalliumt	937.9	0.483101	mg/L	0.0101478	0.483101	mg/L	0.0101478	2.10%
Tint	2401.8	0.458821	mg/L	0.0072076	0.458821	mg/L	0.0072076	1.57%
Titaniumt	681001.1	1.00758	mg/L	0.011593	1.00758	mg/L	0.011593	1.15%
Vanadiumt	70390.8	0.483868	mg/L	0.0038058	0.483868	mg/L	0.0038058	0.79%
Zinct	38129.0	1.27856	mg/L	0.017606	1.27856	mg/L	0.017606	1.38%

Sequence No.: 17
Sample ID: 45774-010 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 7/22/2009 1:15:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-010 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	935776.2	100	%	0.8				0.81%
Yittrium	397921.1	97.7	%	0.35				0.36%
Aluminumt	128116.2	5.16359	mg/L	0.131313	5.16359	mg/L	0.131313	2.54%
Antimonyt	1355.9	0.471173	mg/L	0.0065806	0.471173	mg/L	0.0065806	1.40%
Arsenict	633.7	0.468497	mg/L	0.0077273	0.468497	mg/L	0.0077273	1.65%
Bariumt	71429.1	0.519724	mg/L	0.0128567	0.519724	mg/L	0.0128567	2.47%
Berylliumt	1462776.7	0.464861	mg/L	0.0115075	0.464861	mg/L	0.0115075	2.48%
Cadmiumt	26357.3	0.468052	mg/L	0.0065662	0.468052	mg/L	0.0065662	1.40%
Calciumt	6258352.8	54.4466	mg/L	1.32856	54.4466	mg/L	1.32856	2.44%
Chromiumt	41621.5	0.474699	mg/L	0.0124082	0.474699	mg/L	0.0124082	2.61%
Cobaltt	21966.1	0.474617	mg/L	0.0068943	0.474617	mg/L	0.0068943	1.45%
Coppert	54723.2	0.474238	mg/L	0.0129404	0.474238	mg/L	0.0129404	2.73%
Iront	91119.3	5.71609	mg/L	0.181362	5.71609	mg/L	0.181362	3.17%
Leadt	6891.0	0.471166	mg/L	0.0054536	0.471166	mg/L	0.0054536	1.16%
Magnesiumt	887855.2	48.1597	mg/L	1.13405	48.1597	mg/L	1.13405	2.35%
Manganeset	268229.1	0.570629	mg/L	0.0144688	0.570629	mg/L	0.0144688	2.54%
Molybdenumt	8690.5	0.485171	mg/L	0.0230164	0.485171	mg/L	0.0230164	4.74%
Nickelt	27095.2	0.482397	mg/L	0.0068648	0.482397	mg/L	0.0068648	1.42%
Potassiumt	14203.2	49.2615	mg/L	3.86292	49.2615	mg/L	3.86292	7.84%
Seleniumt	928.6	0.467791	mg/L	0.0179719	0.467791	mg/L	0.0179719	3.84%
Silvert	16677.5	0.0850850	mg/L	0.00328422	0.0850850	mg/L	0.00328422	3.86%
Sodiumt	113932.3	115.560	mg/L	2.8217	115.560	mg/L	2.8217	2.44%
Thalliumt	974.1	0.494021	mg/L	0.0039571	0.494021	mg/L	0.0039571	0.80%
Tint	2514.7	0.476254	mg/L	0.0086140	0.476254	mg/L	0.0086140	1.81%
Titaniumt	324136.9	0.479581	mg/L	0.0128777	0.479581	mg/L	0.0128777	2.69%
Vanadiumt	68336.6	0.471187	mg/L	0.0136945	0.471187	mg/L	0.0136945	2.91%
Zinct	17847.3	0.598344	mg/L	0.0082090	0.598344	mg/L	0.0082090	1.37%

Sequence No.: 18
Sample ID: 45774-008 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 7/22/2009 1:19:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-008 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	934047.3	100	%	0.3				0.28%
Yittrium	397665.9	97.6	%	0.09				0.10%
Aluminumt	132649.2	5.34614	mg/L	0.065029	5.34614	mg/L	0.065029	1.22%
Antimonyt	1429.9	0.496905	mg/L	0.0041572	0.496905	mg/L	0.0041572	0.84%
Arsenict	667.0	0.493109	mg/L	0.0031836	0.493109	mg/L	0.0031836	0.65%
Bariumt	74368.2	0.541108	mg/L	0.0065673	0.541108	mg/L	0.0065673	1.21%
Berylliumt	1523794.9	0.484248	mg/L	0.0127737	0.484248	mg/L	0.0127737	2.64%
Cadmiumt	27466.6	0.487750	mg/L	0.0028887	0.487750	mg/L	0.0028887	0.59%
Calciumt	6446314.0	56.0818	mg/L	1.46900	56.0818	mg/L	1.46900	2.62%
Chromiumt	43497.7	0.496138	mg/L	0.0061549	0.496138	mg/L	0.0061549	1.24%
Cobaltt	22884.7	0.494484	mg/L	0.0029044	0.494484	mg/L	0.0029044	0.59%
Coppert	57174.2	0.495479	mg/L	0.0064473	0.495479	mg/L	0.0064473	1.30%
Iront	96044.6	6.02506	mg/L	0.132748	6.02506	mg/L	0.132748	2.20%
Leadt	7187.9	0.491464	mg/L	0.0005973	0.491464	mg/L	0.0005973	0.12%
Magnesiumt	922443.0	50.0359	mg/L	1.10117	50.0359	mg/L	1.10117	2.20%
Manganeset	279236.9	0.594047	mg/L	0.0091414	0.594047	mg/L	0.0091414	1.54%
Molybdenumt	9182.2	0.513137	mg/L	0.0183463	0.513137	mg/L	0.0183463	3.58%
Nickelt	27985.1	0.498253	mg/L	0.0048463	0.498253	mg/L	0.0048463	0.97%
Potassiumt	15564.6	53.9903	mg/L	2.63416	53.9903	mg/L	2.63416	4.88%
Seleniumt	983.3	0.495265	mg/L	0.0005107	0.495265	mg/L	0.0005107	0.10%
Silvert	16241.1	0.0829045	mg/L	0.00092108	0.0829045	mg/L	0.00092108	1.11%
Sodiumt	114436.8	116.080	mg/L	1.2820	116.080	mg/L	1.2820	1.10%
Thalliumt	1028.0	0.521304	mg/L	0.0012874	0.521304	mg/L	0.0012874	0.25%
Tint	2630.0	0.498220	mg/L	0.0078362	0.498220	mg/L	0.0078362	1.57%
Titaniumt	341044.6	0.504597	mg/L	0.0072442	0.504597	mg/L	0.0072442	1.44%
Vanadiumt	71605.7	0.493760	mg/L	0.0072700	0.493760	mg/L	0.0072700	1.47%
Zinct	18089.6	0.606471	mg/L	0.0010137	0.606471	mg/L	0.0010137	0.17%

Sequence No.: 19
Sample ID: CCV V-68336
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/22/2009 1:24:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	931446.6	100.0	%	0.46				0.46%
Yittrium	387251.2	95.1	%	0.08				0.09%
Aluminumt	122613.9	4.94123	mg/L	0.087493	4.94123	mg/L	0.087493	1.77%
QC value within limits for Aluminum Recovery = 98.82%								
Antimonyt	1457.1	0.506371	mg/L	0.0051307	0.506371	mg/L	0.0051307	1.01%
QC value within limits for Antimony Recovery = 101.27%								
Arsenict	678.1	0.501399	mg/L	0.0041358	0.501399	mg/L	0.0041358	0.82%
QC value within limits for Arsenic Recovery = 100.28%								
Bariumt	68609.6	0.499218	mg/L	0.0086408	0.499218	mg/L	0.0086408	1.73%
QC value within limits for Barium Recovery = 99.84%								
Berylliumt	1583888.3	0.503368	mg/L	0.0142660	0.503368	mg/L	0.0142660	2.83%
QC value within limits for Beryllium Recovery = 100.67%								
Cadmiumt	28293.1	0.502458	mg/L	0.0070919	0.502458	mg/L	0.0070919	1.41%
QC value within limits for Cadmium Recovery = 100.49%								
Calciumt	5825856.2	50.6839	mg/L	1.40684	50.6839	mg/L	1.40684	2.78%
QC value within limits for Calcium Recovery = 101.37%								
Chromiumt	43581.6	0.497027	mg/L	0.0102970	0.497027	mg/L	0.0102970	2.07%
QC value within limits for Chromium Recovery = 99.41%								
Cobaltt	23411.5	0.505834	mg/L	0.0074320	0.505834	mg/L	0.0074320	1.47%
QC value within limits for Cobalt Recovery = 101.17%								
Coppert	56624.7	0.490717	mg/L	0.0091285	0.490717	mg/L	0.0091285	1.86%
QC value within limits for Copper Recovery = 98.14%								
Iront	79468.8	4.98522	mg/L	0.132200	4.98522	mg/L	0.132200	2.65%
QC value within limits for Iron Recovery = 99.70%								
Leadt	7447.4	0.509128	mg/L	0.0079693	0.509128	mg/L	0.0079693	1.57%
QC value within limits for Lead Recovery = 101.83%								
Magnesiumt	931766.7	50.5416	mg/L	1.50050	50.5416	mg/L	1.50050	2.97%
QC value within limits for Magnesium Recovery = 101.08%								
Manganeset	233918.0	0.497636	mg/L	0.0096663	0.497636	mg/L	0.0096663	1.94%
QC value within limits for Manganese Recovery = 99.53%								
Molybdenumt	9035.9	0.506644	mg/L	0.0251295	0.506644	mg/L	0.0251295	4.96%
QC value within limits for Molybdenum Recovery = 101.33%								
Nickelt	28048.0	0.499330	mg/L	0.0061845	0.499330	mg/L	0.0061845	1.24%
QC value within limits for Nickel Recovery = 99.87%								
Potassiumt	13163.4	45.6493	mg/L	5.00160	45.6493	mg/L	5.00160	10.96%
QC value within limits for Potassium Recovery = 91.30%								
Seleniumt	995.7	0.501232	mg/L	0.0098193	0.501232	mg/L	0.0098193	1.96%
QC value within limits for Selenium Recovery = 100.25%								
Silvert	19103.2	0.0973041	mg/L	0.00211777	0.0973041	mg/L	0.00211777	2.18%
QC value within limits for Silver Recovery = 97.30%								
Sodiumt	46778.0	47.4794	mg/L	0.77022	47.4794	mg/L	0.77022	1.62%
QC value within limits for Sodium Recovery = 94.96%								
Thalliumt	1022.1	0.517990	mg/L	0.0128517	0.517990	mg/L	0.0128517	2.48%
QC value within limits for Thallium Recovery = 103.60%								
Tint	2668.9	0.506365	mg/L	0.0067296	0.506365	mg/L	0.0067296	1.33%
QC value within limits for Tin Recovery = 101.27%								
Titaniumt	332570.1	0.492058	mg/L	0.0098287	0.492058	mg/L	0.0098287	2.00%
QC value within limits for Titanium Recovery = 98.41%								
Vanadiumt	72108.4	0.497219	mg/L	0.0098517	0.497219	mg/L	0.0098517	1.98%
QC value within limits for Vanadium Recovery = 99.44%								
Zinct	15243.1	0.511115	mg/L	0.0079560	0.511115	mg/L	0.0079560	1.56%
QC value within limits for Zinc Recovery = 102.22%								

All analyte(s) passed QC.

Sequence No.: 20 Autosampler Location: 1
Sample ID: CCB Date Collected: 7/22/2009 1:29:07 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	931163.5	99.9	%	0.82				0.82%
Yittrium	406074.0	99.7	%	0.77				0.77%
Aluminumt	207.2	0.0082792	mg/L	0.00373675	0.0082792	mg/L	0.00373675	45.13%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	2.5	0.0008737	mg/L	0.00109318	0.0008737	mg/L	0.00109318	125.12%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	6.0	0.0044869	mg/L	0.00125666	0.0044869	mg/L	0.00125666	28.01%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	-0.3	-0.0000026	mg/L	0.00020135	-0.0000026	mg/L	0.00020135	>999.9%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	63.1	0.0000200	mg/L	0.00000234	0.0000200	mg/L	0.00000234	11.71%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	21.7	0.0003859	mg/L	0.00018819	0.0003859	mg/L	0.00018819	48.76%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	-746.7	-0.0064959	mg/L	0.00225830	-0.0064959	mg/L	0.00225830	34.77%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	65.5	0.0007836	mg/L	0.00054572	0.0007836	mg/L	0.00054572	69.64%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-15.3	-0.0003062	mg/L	0.00037691	-0.0003062	mg/L	0.00037691	123.09%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	3.9	0.0000336	mg/L	0.00060288	0.0000336	mg/L	0.00060288	>999.9%
QC value within limits for Copper Recovery = Not calculated								
Iront	-89.4	-0.0056053	mg/L	0.00292051	-0.0056053	mg/L	0.00292051	52.10%
QC value within limits for Iron Recovery = Not calculated								
Leadt	-16.7	-0.0011319	mg/L	0.00038926	-0.0011319	mg/L	0.00038926	34.39%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	-201.0	-0.0109010	mg/L	0.00415311	-0.0109010	mg/L	0.00415311	38.10%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	-66.1	-0.0001405	mg/L	0.00014643	-0.0001405	mg/L	0.00014643	104.21%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	101.1	0.0058125	mg/L	0.00131134	0.0058125	mg/L	0.00131134	22.56%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-31.8	-0.0005616	mg/L	0.00027992	-0.0005616	mg/L	0.00027992	49.84%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	1882.0	6.54277	mg/L	5.414445	6.54277	mg/L	5.414445	82.75%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Seleniumt	-6.5	-0.0032550	mg/L	0.00365406	-0.0032550	mg/L	0.00365406	112.26%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	31.3	0.0001580	mg/L	0.00038865	0.0001580	mg/L	0.00038865	245.93%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-8.6	-0.0083000	mg/L	0.02765451	-0.0083000	mg/L	0.02765451	333.19%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	1.6	0.0008269	mg/L	0.00285312	0.0008269	mg/L	0.00285312	345.03%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-0.0	-0.0000017	mg/L	0.00057106	-0.0000017	mg/L	0.00057106	>999.9%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	88.3	0.0001307	mg/L	0.00004224	0.0001307	mg/L	0.00004224	32.33%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	75.4	0.0005461	mg/L	0.00101413	0.0005461	mg/L	0.00101413	185.71%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-31.4	-0.0010534	mg/L	0.00058989	-0.0010534	mg/L	0.00058989	56.00%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 21
Sample ID: 45774-008 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 7/22/2009 1:32:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-008 SD

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	942469.3	101	%	2.3				2.24%
Yittrium	405137.1	99.5	%	2.27				2.28%
Aluminumt	2369.5	0.0956091	mg/L	0.00278271	0.0956091	mg/L	0.00278271	2.91%
Antimonyt	-1.1	-0.0004029	mg/L	0.00048780	-0.0004029	mg/L	0.00048780	121.07%
Arsenict	1.8	0.0012866	mg/L	0.00501124	0.0012866	mg/L	0.00501124	389.50%
Bariumt	1084.2	0.0078861	mg/L	0.00001060	0.0078861	mg/L	0.00001060	0.13%
Berylliumt	45.3	0.0000123	mg/L	0.00004321	0.0000123	mg/L	0.00004321	351.66%
Cadmiumt	26.7	0.0004680	mg/L	0.00054388	0.0004680	mg/L	0.00054388	116.22%
Calciumt	179879.8	1.56492	mg/L	0.026024	1.56492	mg/L	0.026024	1.66%
Chromiumt	59.9	0.0006897	mg/L	0.00028607	0.0006897	mg/L	0.00028607	41.48%
Cobaltt	-15.3	-0.0003290	mg/L	0.00008420	-0.0003290	mg/L	0.00008420	25.59%
Coppert	-12.5	-0.0001079	mg/L	0.00022343	-0.0001079	mg/L	0.00022343	206.99%
Iront	3491.6	0.219032	mg/L	0.0019622	0.219032	mg/L	0.0019622	0.90%
Leadt	12.0	0.0008450	mg/L	0.00238028	0.0008450	mg/L	0.00238028	281.68%
Magnesiumt	5325.2	0.288851	mg/L	0.0086339	0.288851	mg/L	0.0086339	2.99%
Manganeset	9954.3	0.0211768	mg/L	0.00030501	0.0211768	mg/L	0.00030501	1.44%
Molybdenumt	28.1	0.0011095	mg/L	0.00041110	0.0011095	mg/L	0.00041110	37.05%
Nickelt	50.8	0.0009119	mg/L	0.00001156	0.0009119	mg/L	0.00001156	1.27%
Potassiumt	384.7	1.33518	mg/L	7.555750	1.33518	mg/L	7.555750	565.90%
Seleniumt	-17.6	-0.0087576	mg/L	0.00314058	-0.0087576	mg/L	0.00314058	35.86%
Silvert	4.9	0.0000468	mg/L	0.00020757	0.0000468	mg/L	0.00020757	443.57%
Sodiumt	11697.3	11.8576	mg/L	0.17558	11.8576	mg/L	0.17558	1.48%
Thalliumt	-2.1	-0.0009612	mg/L	0.00383792	-0.0009612	mg/L	0.00383792	399.31%
Tint	-0.9	-0.0003763	mg/L	0.00151607	-0.0003763	mg/L	0.00151607	402.87%
Titaniumt	2011.7	0.0029764	mg/L	0.00013866	0.0029764	mg/L	0.00013866	4.66%
Vanadiumt	-65.5	-0.0004647	mg/L	0.00051258	-0.0004647	mg/L	0.00051258	110.30%
Zinct	737.8	0.0247183	mg/L	0.00050875	0.0247183	mg/L	0.00050875	2.06%

Sequence No.: 22 **Autosampler Location: 23**
Sample ID: 45725-023 **Date Collected: 7/22/2009 1:35:59 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45725-023

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	962276.4	103	%	1.4				1.31%
Yittrium	414141.6	102	%	1.1				1.09%
Aluminumt	-209.5	-0.0084615	mg/L	0.00197644	-0.0084615	mg/L	0.00197644	23.36%
Antimonyt	-7.8	-0.0026949	mg/L	0.00341698	-0.0026949	mg/L	0.00341698	126.80%
Arsenict	3.1	0.0023356	mg/L	0.00011091	0.0023356	mg/L	0.00011091	4.75%
Bariumt	65.7	0.0004778	mg/L	0.00006498	0.0004778	mg/L	0.00006498	13.60%
Berylliumt	30.0	0.0000093	mg/L	0.00003320	0.0000093	mg/L	0.00003320	357.32%
Cadmiumt	8.6	0.0001528	mg/L	0.00030769	0.0001528	mg/L	0.00030769	201.41%
Calciumt	16311.2	0.141905	mg/L	0.0015722	0.141905	mg/L	0.0015722	1.11%
Chromiumt	12.6	0.0001452	mg/L	0.00017585	0.0001452	mg/L	0.00017585	121.14%
Cobaltt	-29.3	-0.0006302	mg/L	0.00018549	-0.0006302	mg/L	0.00018549	29.43%
Coppert	88.2	0.0007642	mg/L	0.00048030	0.0007642	mg/L	0.00048030	62.85%
Iront	311.2	0.0195212	mg/L	0.00357283	0.0195212	mg/L	0.00357283	18.30%
Leadt	11.1	0.0007725	mg/L	0.00095467	0.0007725	mg/L	0.00095467	123.58%
Magnesiumt	543.0	0.0294532	mg/L	0.00605050	0.0294532	mg/L	0.00605050	20.54%
Manganeset	256.8	0.0005462	mg/L	0.00016149	0.0005462	mg/L	0.00016149	29.56%
Molybdenumt	5.3	0.0001624	mg/L	0.00057391	0.0001624	mg/L	0.00057391	353.41%
Nickelt	2.2	0.0000409	mg/L	0.00029710	0.0000409	mg/L	0.00029710	727.14%
Potassiumt	-2961.7	-10.2964	mg/L	4.93899	-10.2964	mg/L	4.93899	47.97%
Seleniumt	-16.0	-0.0080081	mg/L	0.00468659	-0.0080081	mg/L	0.00468659	58.52%
Silvert	98.1	0.0004992	mg/L	0.00053734	0.0004992	mg/L	0.00053734	107.63%
Sodiumt	434.8	0.438475	mg/L	0.0175738	0.438475	mg/L	0.0175738	4.01%
Thalliumt	7.3	0.0036618	mg/L	0.00264030	0.0036618	mg/L	0.00264030	72.10%
Tint	-10.4	-0.0020151	mg/L	0.00175387	-0.0020151	mg/L	0.00175387	87.04%
Titaniumt	226.2	0.0003347	mg/L	0.00006907	0.0003347	mg/L	0.00006907	20.64%
Vanadiumt	-129.8	-0.0008951	mg/L	0.00047966	-0.0008951	mg/L	0.00047966	53.59%
Zinct	235.4	0.0078900	mg/L	0.00051075	0.0078900	mg/L	0.00051075	6.47%

Sequence No.: 23
Sample ID: 45725-025
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 7/22/2009 1:39:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45725-025

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	995144.4	107	%	0.1				0.07%
Yittrium	509778.9	125	%	0.9				0.75%
Aluminumt	2416518.7	97.5302	mg/L	2.21056	97.5302	mg/L	2.21056	2.27%
Antimonyt	59.8	0.0053403	mg/L	0.00216090	0.0053403	mg/L	0.00216090	40.46%
Arsenict	73.1	0.0416797	mg/L	0.00168012	0.0416797	mg/L	0.00168012	4.03%
Bariumt	41892.3	0.297362	mg/L	0.0004532	0.297362	mg/L	0.0004532	0.15%
Berylliumt	24669.6	0.0053413	mg/L	0.00010542	0.0053413	mg/L	0.00010542	1.97%
Cadmiumt	264.5	-0.0036842	mg/L	0.00036360	-0.0036842	mg/L	0.00036360	9.87%
Calciumt	5275285.5	45.8941	mg/L	1.06381	45.8941	mg/L	1.06381	2.32%
Chromiumt	34310.1	0.388996	mg/L	0.0001751	0.388996	mg/L	0.0001751	0.05%
Cobaltt	4853.7	0.0972808	mg/L	0.00030702	0.0972808	mg/L	0.00030702	0.32%
Coppert	13611.1	0.117955	mg/L	0.0000825	0.117955	mg/L	0.0000825	0.07%
Iront	5230401.3	328.113	mg/L	8.2150	328.113	mg/L	8.2150	2.50%
Leadt	2484.2	0.105613	mg/L	0.0031225	0.105613	mg/L	0.0031225	2.96%
Magnesiumt	295655.7	16.0372	mg/L	0.01720	16.0372	mg/L	0.01720	0.11%
Manganeset	2515712.5	5.35191	mg/L	0.120634	5.35191	mg/L	0.120634	2.25%
Molybdenumt	1608.8	0.0847959	mg/L	0.00399816	0.0847959	mg/L	0.00399816	4.72%
Nickelt	4512.6	0.0915055	mg/L	0.00012175	0.0915055	mg/L	0.00012175	0.13%
Potassiumt	953934.5	3315.85	mg/L	106.693	3315.85	mg/L	106.693	3.22%
Seleniumt	-10.3	-0.0116473	mg/L	0.00614771	-0.0116473	mg/L	0.00614771	52.78%
Silvert	-7605.8	-0.0057156	mg/L	0.00167645	-0.0057156	mg/L	0.00167645	29.33%
Sodiumt	119286.2	122.308	mg/L	0.4325	122.308	mg/L	0.4325	0.35%
Thalliumt	-107.5	-0.0010271	mg/L	0.00002236	-0.0010271	mg/L	0.00002236	2.18%
Tint	-137.6	0.0123198	mg/L	0.00219657	0.0123198	mg/L	0.00219657	17.83%
Titaniumt	2370453.1	3.50724	mg/L	0.091799	3.50724	mg/L	0.091799	2.62%
Vanadiumt	27039.7	0.170918	mg/L	0.0005865	0.170918	mg/L	0.0005865	0.34%
Zinct	12162.8	0.404409	mg/L	0.0024960	0.404409	mg/L	0.0024960	0.62%

Sequence No.: 24
Sample ID: 45725-026
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 7/22/2009 1:44:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45725-026

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	988285.4	106	%	0.6				0.53%
Yittrium	496939.4	122	%	0.2				0.17%
Aluminumt	2708691.0	109.322	mg/L	2.2437	109.322	mg/L	2.2437	2.05%
Antimonyt	36.9	0.0061186	mg/L	0.00277679	0.0061186	mg/L	0.00277679	45.38%
Arsenict	76.2	0.0411589	mg/L	0.00040910	0.0411589	mg/L	0.00040910	0.99%
Bariumt	56389.8	0.403629	mg/L	0.0049868	0.403629	mg/L	0.0049868	1.24%
Berylliumt	29528.3	0.0059632	mg/L	0.00001752	0.0059632	mg/L	0.00001752	0.29%
Cadmiumt	402.6	0.0001239	mg/L	0.00046319	0.0001239	mg/L	0.00046319	373.72%
Calciumt	5254845.0	45.7162	mg/L	0.79246	45.7162	mg/L	0.79246	1.73%
Chromiumt	35000.0	0.396771	mg/L	0.0059323	0.396771	mg/L	0.0059323	1.50%
Cobaltt	6144.1	0.122224	mg/L	0.0008658	0.122224	mg/L	0.0008658	0.71%
Coppert	26061.7	0.225854	mg/L	0.0034442	0.225854	mg/L	0.0034442	1.52%
Iront	4385145.7	275.088	mg/L	5.3470	275.088	mg/L	5.3470	1.94%
Leadt	4863.9	0.261619	mg/L	0.0000947	0.261619	mg/L	0.0000947	0.04%
Magnesiumt	344325.2	18.6772	mg/L	0.28573	18.6772	mg/L	0.28573	1.53%
Manganeset	1190366.1	2.53238	mg/L	0.041306	2.53238	mg/L	0.041306	1.63%
Molybdenumt	1530.0	0.0671506	mg/L	0.00514165	0.0671506	mg/L	0.00514165	7.66%
Nickelt	6729.4	0.129115	mg/L	0.0007319	0.129115	mg/L	0.0007319	0.57%
Potassiumt	782641.7	2720.39	mg/L	54.459	2720.39	mg/L	54.459	2.00%
Seleniumt	-7.4	-0.0089715	mg/L	0.00002990	-0.0089715	mg/L	0.00002990	0.33%
Silvert	-6095.7	-0.0033682	mg/L	0.00016105	-0.0033682	mg/L	0.00016105	4.78%
Sodiumt	44465.8	46.6888	mg/L	0.66347	46.6888	mg/L	0.66347	1.42%
Thalliumt	-112.3	0.0017622	mg/L	0.00772764	0.0017622	mg/L	0.00772764	438.53%
Tint	-38.0	0.0237088	mg/L	0.00013272	0.0237088	mg/L	0.00013272	0.56%
Titaniumt	3244350.6	4.80022	mg/L	0.095638	4.80022	mg/L	0.095638	1.99%
Vanadiumt	30528.1	0.197315	mg/L	0.0032139	0.197315	mg/L	0.0032139	1.63%
Zinct	35469.3	1.18762	mg/L	0.006769	1.18762	mg/L	0.006769	0.57%

Sequence No.: 25
Sample ID: 45725-027
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 26
Date Collected: 7/22/2009 1:49:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45725-027

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1064972.2	114	%	0.5				0.40%
Yittrium	740139.8	182	%	0.6				0.31%
Aluminumt	5690247.9	229.659	mg/L	0.7364	229.659	mg/L	0.7364	0.32%
Antimonyt	107.7	0.0075430	mg/L	0.00115527	0.0075430	mg/L	0.00115527	15.32%
Arsenict	149.9	0.0840207	mg/L	0.00423349	0.0840207	mg/L	0.00423349	5.04%
Bariumt	105706.0	0.754081	mg/L	0.0000452	0.754081	mg/L	0.0000452	0.01%
Berylliumt	58287.5	0.0134584	mg/L	0.00001884	0.0134584	mg/L	0.00001884	0.14%
Cadmiumt	495.4	-0.0073980	mg/L	0.00038177	-0.0073980	mg/L	0.00038177	5.16%
Calciumt	5268106.4	45.8316	mg/L	0.23591	45.8316	mg/L	0.23591	0.51%
Chromiumt	51956.8	0.588882	mg/L	0.0045285	0.588882	mg/L	0.0045285	0.77%
Cobaltt	19085.1	0.396212	mg/L	0.0001079	0.396212	mg/L	0.0001079	0.03%
Coppert	28343.2	0.245626	mg/L	0.0002926	0.245626	mg/L	0.0002926	0.12%
Iront	10107010.6	634.032	mg/L	10.2830	634.032	mg/L	10.2830	1.62%
Leadt	5721.3	0.239902	mg/L	0.0022045	0.239902	mg/L	0.0022045	0.92%
Magnesiumt	442510.4	24.0030	mg/L	0.09910	24.0030	mg/L	0.09910	0.41%
Manganeset	17044609.8	36.2606	mg/L	0.50163	36.2606	mg/L	0.50163	1.38%
Molybdenumt	1990.5	0.105055	mg/L	0.0052752	0.105055	mg/L	0.0052752	5.02%
Nickelt	12600.0	0.245770	mg/L	0.0000673	0.245770	mg/L	0.0000673	0.03%
Potassiumt	1946649.8	6766.53	mg/L	70.789	6766.53	mg/L	70.789	1.05%
Seleniumt	20.3	-0.0042642	mg/L	0.00027933	-0.0042642	mg/L	0.00027933	6.55%
Silvert	-14937.5	-0.0122629	mg/L	0.00387882	-0.0122629	mg/L	0.00387882	31.63%
Sodiumt	161879.2	166.921	mg/L	0.5178	166.921	mg/L	0.5178	0.31%
Thalliumt	-293.2	-0.0068452	mg/L	0.00398509	-0.0068452	mg/L	0.00398509	58.22%
Tint	-400.8	0.0036792	mg/L	0.00016449	0.0036792	mg/L	0.00016449	4.47%
Titaniumt	4807134.3	7.11246	mg/L	0.039869	7.11246	mg/L	0.039869	0.56%
Vanadiumt	53611.2	0.339617	mg/L	0.0007525	0.339617	mg/L	0.0007525	0.22%
Zinct	19406.2	0.646601	mg/L	0.0008030	0.646601	mg/L	0.0008030	0.12%

Sequence No.: 26 **Autosampler Location: 27**
Sample ID: 45725-028 **Date Collected: 7/22/2009 1:54:35 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45725-028

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	982794.5	105	%	0.2				0.16%
Yittrium	547300.7	134	%	0.4				0.32%
Aluminumt	2003773.7	80.8720	mg/L	0.75349	80.8720	mg/L	0.75349	0.93%
Antimonyt	38.7	0.0067114	mg/L	0.00166335	0.0067114	mg/L	0.00166335	24.78%
Arsenict	64.2	0.0366092	mg/L	0.00354046	0.0366092	mg/L	0.00354046	9.67%
Bariumt	60980.0	0.438593	mg/L	0.0029688	0.438593	mg/L	0.0029688	0.68%
Berylliumt	20267.5	0.0040567	mg/L	0.00003371	0.0040567	mg/L	0.00003371	0.83%
Cadmiumt	205.5	-0.0018658	mg/L	0.00009571	-0.0018658	mg/L	0.00009571	5.13%
Calciumt	5361150.3	46.6411	mg/L	0.90158	46.6411	mg/L	0.90158	1.93%
Chromiumt	25790.6	0.292399	mg/L	0.0027374	0.292399	mg/L	0.0027374	0.94%
Cobaltt	9286.9	0.193110	mg/L	0.0009102	0.193110	mg/L	0.0009102	0.47%
Coppert	12503.8	0.108360	mg/L	0.0003363	0.108360	mg/L	0.0003363	0.31%
Iront	3441955.0	215.920	mg/L	1.7092	215.920	mg/L	1.7092	0.79%
Leadt	2420.3	0.113664	mg/L	0.0005569	0.113664	mg/L	0.0005569	0.49%
Magnesiumt	347430.2	18.8456	mg/L	0.09193	18.8456	mg/L	0.09193	0.49%
Manganeset	8894818.2	18.9228	mg/L	0.34034	18.9228	mg/L	0.34034	1.80%
Molybdenumt	1198.3	0.0625008	mg/L	0.00265478	0.0625008	mg/L	0.00265478	4.25%
Nickelt	5680.0	0.108421	mg/L	0.0007138	0.108421	mg/L	0.0007138	0.66%
Potassiumt	604992.2	2102.86	mg/L	8.507	2102.86	mg/L	8.507	0.40%
Seleniumt	-25.3	-0.0158547	mg/L	0.00208799	-0.0158547	mg/L	0.00208799	13.17%
Silvert	-4686.5	-0.0021466	mg/L	0.00040750	-0.0021466	mg/L	0.00040750	18.98%
Sodiumt	115198.3	118.126	mg/L	0.8464	118.126	mg/L	0.8464	0.72%
Thalliumt	-132.8	-0.0014775	mg/L	0.00002399	-0.0014775	mg/L	0.00002399	1.62%
Tint	-49.6	0.0132747	mg/L	0.00016786	0.0132747	mg/L	0.00016786	1.26%
Titaniumt	2261203.2	3.34559	mg/L	0.041481	3.34559	mg/L	0.041481	1.24%
Vanadiumt	21044.1	0.134618	mg/L	0.0007513	0.134618	mg/L	0.0007513	0.56%
Zinct	9388.2	0.313301	mg/L	0.0007906	0.313301	mg/L	0.0007906	0.25%

Sequence No.: 27 **Autosampler Location: 7**
Sample ID: ICSA V-68333 **Date Collected: 7/22/2009 1:59:33 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	868087.6	93.2	%	0.48				0.52%
Yittrium	371145.0	91.1	%	0.31				0.34%
Aluminumt	12296503.8	496.291	mg/L	9.0309	496.291	mg/L	9.0309	1.82%
QC value within limits for Aluminum Recovery = 99.26%								
Antimonyt	100.5	0.0033463	mg/L	0.00627021	0.0033463	mg/L	0.00627021	187.38%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	52.8	0.0001764	mg/L	0.00739181	0.0001764	mg/L	0.00739181	>999.9%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1330.0	-0.0024870	mg/L	0.00022478	-0.0024870	mg/L	0.00022478	9.04%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2350.2	-0.0007502	mg/L	0.00001836	-0.0007502	mg/L	0.00001836	2.45%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	193.4	-0.0016449	mg/L	0.00021646	-0.0016449	mg/L	0.00021646	13.16%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	55345970.8	481.500	mg/L	7.0845	481.500	mg/L	7.0845	1.47%
QC value within limits for Calcium Recovery = 96.30%								
Chromiumt	-315.1	-0.0034402	mg/L	0.00009780	-0.0034402	mg/L	0.00009780	2.84%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-160.9	-0.0034030	mg/L	0.00002026	-0.0034030	mg/L	0.00002026	0.60%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-242.6	-0.0021026	mg/L	0.00013976	-0.0021026	mg/L	0.00013976	6.65%
QC value within limits for Copper Recovery = Not calculated								
Iront	3170012.4	198.861	mg/L	0.5983	198.861	mg/L	0.5983	0.30%
QC value within limits for Iron Recovery = 99.43%								
Leadt	3990.5	0.0003557	mg/L	0.00037585	0.0003557	mg/L	0.00037585	105.65%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	9543155.1	517.647	mg/L	6.4460	517.647	mg/L	6.4460	1.25%
QC value within limits for Magnesium Recovery = 103.53%								
Manganeset	-3024.3	-0.0064340	mg/L	0.00045772	-0.0064340	mg/L	0.00045772	7.11%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	303.5	0.0032664	mg/L	0.00088983	0.0032664	mg/L	0.00088983	27.24%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-214.2	0.0029847	mg/L	0.00006260	0.0029847	mg/L	0.00006260	2.10%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	619568.7	2152.23	mg/L	27.919	2152.23	mg/L	27.919	1.30%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Seleniumt	-38.4	0.0000469	mg/L	0.00536398	0.0000469	mg/L	0.00536398	>999.9%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-3798.8	0.0006451	mg/L	0.00046338	0.0006451	mg/L	0.00046338	71.84%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	12.9	0.0248476	mg/L	0.07448114	0.0248476	mg/L	0.07448114	299.75%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-48.7	0.0025491	mg/L	0.00016496	0.0025491	mg/L	0.00016496	6.47%
QC value within limits for Thallium Recovery = Not calculated								
Tint	220.8	-0.0085343	mg/L	0.00351984	-0.0085343	mg/L	0.00351984	41.24%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2636.2	0.0039005	mg/L	0.00017517	0.0039005	mg/L	0.00017517	4.49%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	4785.2	0.0055688	mg/L	0.00147659	0.0055688	mg/L	0.00147659	26.52%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-897.3	-0.0092258	mg/L	0.00046859	-0.0092258	mg/L	0.00046859	5.08%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 28 **Autosampler Location: 8**
Sample ID: ICSAB V-68334 **Date Collected: 7/22/2009 2:04:55 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	878002.4	94.2	%	3.17				3.36%
Yittrium	375291.3	92.1	%	3.35				3.63%
Aluminumt	12249028.9	494.375	mg/L	25.2885	494.375	mg/L	25.2885	5.12%
QC value within limits for Aluminum Recovery = 98.88%								
Antimonyt	3008.8	1.01145	mg/L	0.057093	1.01145	mg/L	0.057093	5.64%
QC value within limits for Antimony Recovery = 101.14%								
Arsenict	1408.7	1.00709	mg/L	0.066225	1.00709	mg/L	0.066225	6.58%
QC value within limits for Arsenic Recovery = 100.71%								
Bariumt	71170.9	0.505907	mg/L	0.0142254	0.505907	mg/L	0.0142254	2.81%
QC value within limits for Barium Recovery = 101.18%								
Berylliumt	1579032.1	0.502173	mg/L	0.0141668	0.502173	mg/L	0.0141668	2.82%
QC value within limits for Beryllium Recovery = 100.43%								
Cadmiumt	58081.6	1.02666	mg/L	0.058963	1.02666	mg/L	0.058963	5.74%
QC value within limits for Cadmium Recovery = 102.67%								
Calciumt	55047354.4	478.902	mg/L	24.0253	478.902	mg/L	24.0253	5.02%
QC value within limits for Calcium Recovery = 95.78%								
Chromiumt	44230.3	0.500722	mg/L	0.0273045	0.500722	mg/L	0.0273045	5.45%
QC value within limits for Chromium Recovery = 100.14%								
Cobaltt	22803.7	0.491672	mg/L	0.0269839	0.491672	mg/L	0.0269839	5.49%
QC value within limits for Cobalt Recovery = 98.33%								
Coppert	60970.7	0.528380	mg/L	0.0181288	0.528380	mg/L	0.0181288	3.43%
QC value within limits for Copper Recovery = 105.68%								
Iront	3164594.0	198.521	mg/L	5.7551	198.521	mg/L	5.7551	2.90%
QC value within limits for Iron Recovery = 99.26%								
Leadt	18426.3	0.986978	mg/L	0.0559721	0.986978	mg/L	0.0559721	5.67%
QC value within limits for Lead Recovery = 98.70%								
Magnesiumt	9481429.2	514.299	mg/L	26.5888	514.299	mg/L	26.5888	5.17%
QC value within limits for Magnesium Recovery = 102.86%								
Manganeset	234205.9	0.498249	mg/L	0.0130765	0.498249	mg/L	0.0130765	2.62%
QC value within limits for Manganese Recovery = 99.65%								
Molybdenumt	288.6	-0.0144150	mg/L	0.00207214	-0.0144150	mg/L	0.00207214	14.37%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	54250.5	0.971508	mg/L	0.0534818	0.971508	mg/L	0.0534818	5.51%
QC value within limits for Nickel Recovery = 97.15%								
Potassiumt	617370.8	2144.60	mg/L	74.078	2144.60	mg/L	74.078	3.45%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Seleniumt	1966.1	1.00350	mg/L	0.072393	1.00350	mg/L	0.072393	7.21%
QC value within limits for Selenium Recovery = 100.35%								
Silvert	204619.9	1.05677	mg/L	0.029071	1.05677	mg/L	0.029071	2.75%
QC value within limits for Silver Recovery = 105.68%								
Sodiumt	1208.3	0.904675	mg/L	0.1424589	0.904675	mg/L	0.1424589	15.75%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	1904.9	0.980296	mg/L	0.0517363	0.980296	mg/L	0.0517363	5.28%
QC value within limits for Thallium Recovery = 98.03%								
Tint	205.9	-0.0110319	mg/L	0.00085649	-0.0110319	mg/L	0.00085649	7.76%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2305.0	0.0034103	mg/L	0.00027884	0.0034103	mg/L	0.00027884	8.18%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	76349.2	0.498899	mg/L	0.0161092	0.498899	mg/L	0.0161092	3.23%
QC value within limits for Vanadium Recovery = 99.78%								
Zinct	28611.0	0.979864	mg/L	0.0531488	0.979864	mg/L	0.0531488	5.42%
QC value within limits for Zinc Recovery = 97.99%								

QC Failed. Continue with analysis.

Sequence No.: 29
Sample ID: CCV V-68336
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/22/2009 2:09:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	929757.4	99.8	%	0.02				0.02%
Yittrium	392579.2	96.4	%	0.07				0.08%
Aluminumt	124257.7	5.00769	mg/L	0.061737	5.00769	mg/L	0.061737	1.23%
QC value within limits for Aluminum Recovery = 100.15%								
Antimonyt	1457.4	0.506489	mg/L	0.0029893	0.506489	mg/L	0.0029893	0.59%
QC value within limits for Antimony Recovery = 101.30%								
Arsenict	685.9	0.507210	mg/L	0.0027434	0.507210	mg/L	0.0027434	0.54%
QC value within limits for Arsenic Recovery = 101.44%								
Bariumt	69425.2	0.505152	mg/L	0.0064605	0.505152	mg/L	0.0064605	1.28%
QC value within limits for Barium Recovery = 101.03%								
Berylliumt	1581383.6	0.502566	mg/L	0.0128729	0.502566	mg/L	0.0128729	2.56%
QC value within limits for Beryllium Recovery = 100.51%								
Cadmiumt	28256.9	0.501813	mg/L	0.0006959	0.501813	mg/L	0.0006959	0.14%
QC value within limits for Cadmium Recovery = 100.36%								
Calciumt	5828299.3	50.7052	mg/L	1.35247	50.7052	mg/L	1.35247	2.67%
QC value within limits for Calcium Recovery = 101.41%								
Chromiumt	44553.3	0.507968	mg/L	0.0085398	0.507968	mg/L	0.0085398	1.68%
QC value within limits for Chromium Recovery = 101.59%								
Cobaltt	23337.6	0.504188	mg/L	0.0015263	0.504188	mg/L	0.0015263	0.30%
QC value within limits for Cobalt Recovery = 100.84%								
Coppert	57728.8	0.500285	mg/L	0.0090481	0.500285	mg/L	0.0090481	1.81%
QC value within limits for Copper Recovery = 100.06%								
Iront	80916.4	5.07604	mg/L	0.090294	5.07604	mg/L	0.090294	1.78%
QC value within limits for Iron Recovery = 101.52%								
Leadt	7421.1	0.507272	mg/L	0.0000893	0.507272	mg/L	0.0000893	0.02%
QC value within limits for Lead Recovery = 101.45%								
Magnesiumt	933444.1	50.6326	mg/L	1.29613	50.6326	mg/L	1.29613	2.56%
QC value within limits for Magnesium Recovery = 101.27%								
Manganeset	237238.6	0.504700	mg/L	0.0067464	0.504700	mg/L	0.0067464	1.34%
QC value within limits for Manganese Recovery = 100.94%								
Molybdenumt	8898.8	0.498835	mg/L	0.0213045	0.498835	mg/L	0.0213045	4.27%
QC value within limits for Molybdenum Recovery = 99.77%								
Nickelt	28447.3	0.506429	mg/L	0.0064723	0.506429	mg/L	0.0064723	1.28%
QC value within limits for Nickel Recovery = 101.29%								
Potassiumt	13563.6	47.0402	mg/L	1.35631	47.0402	mg/L	1.35631	2.88%
QC value within limits for Potassium Recovery = 94.08%								
Seleniumt	1008.9	0.507855	mg/L	0.0214712	0.507855	mg/L	0.0214712	4.23%
QC value within limits for Selenium Recovery = 101.57%								
Silvert	19482.8	0.0992368	mg/L	0.00187655	0.0992368	mg/L	0.00187655	1.89%
QC value within limits for Silver Recovery = 99.24%								
Sodiumt	47442.4	48.1577	mg/L	0.70383	48.1577	mg/L	0.70383	1.46%
QC value within limits for Sodium Recovery = 96.32%								
Thalliumt	1013.3	0.513622	mg/L	0.0015499	0.513622	mg/L	0.0015499	0.30%
QC value within limits for Thallium Recovery = 102.72%								
Tint	2677.9	0.508102	mg/L	0.0000786	0.508102	mg/L	0.0000786	0.02%
QC value within limits for Tin Recovery = 101.62%								
Titaniumt	338312.3	0.500554	mg/L	0.0079200	0.500554	mg/L	0.0079200	1.58%
QC value within limits for Titanium Recovery = 100.11%								
Vanadiumt	72960.0	0.503046	mg/L	0.0066602	0.503046	mg/L	0.0066602	1.32%
QC value within limits for Vanadium Recovery = 100.61%								
Zinct	15163.9	0.508462	mg/L	0.0003626	0.508462	mg/L	0.0003626	0.07%
QC value within limits for Zinc Recovery = 101.69%								

All analyte(s) passed QC.

Sequence No.: 30
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/22/2009 2:14:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	934865.1	100	%	0.6				0.56%
Yittrium	407284.2	100	%	0.5				0.53%
Aluminum†	193.8	0.0077744	mg/L	0.00260688	0.0077744	mg/L	0.00260688	33.53%
QC value within limits for Aluminum Recovery = Not calculated								
Antimony†	-2.6	-0.0008854	mg/L	0.00203269	-0.0008854	mg/L	0.00203269	229.58%
QC value within limits for Antimony Recovery = Not calculated								
Arsenic†	2.8	0.0020790	mg/L	0.00066579	0.0020790	mg/L	0.00066579	32.02%
QC value within limits for Arsenic Recovery = Not calculated								
Barium†	-7.1	-0.0000518	mg/L	0.00009264	-0.0000518	mg/L	0.00009264	178.79%
QC value within limits for Barium Recovery = Not calculated								
Beryllium†	-41.3	-0.0000134	mg/L	0.00002547	-0.0000134	mg/L	0.00002547	190.34%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmium†	11.3	0.0002012	mg/L	0.00013130	0.0002012	mg/L	0.00013130	65.25%
QC value within limits for Cadmium Recovery = Not calculated								
Calcium†	194.8	0.0016951	mg/L	0.00205034	0.0016951	mg/L	0.00205034	120.95%
QC value within limits for Calcium Recovery = Not calculated								
Chromium†	-20.7	-0.0002105	mg/L	0.00004467	-0.0002105	mg/L	0.00004467	21.22%
QC value within limits for Chromium Recovery = Not calculated								
Cobalt†	-12.4	-0.0002544	mg/L	0.00007090	-0.0002544	mg/L	0.00007090	27.87%
QC value within limits for Cobalt Recovery = Not calculated								
Copper†	159.2	0.0013794	mg/L	0.00037652	0.0013794	mg/L	0.00037652	27.29%
QC value within limits for Copper Recovery = Not calculated								
Iron†	-91.6	-0.0057440	mg/L	0.00036806	-0.0057440	mg/L	0.00036806	6.41%
QC value within limits for Iron Recovery = Not calculated								
Lead†	-15.2	-0.0010352	mg/L	0.00084094	-0.0010352	mg/L	0.00084094	81.23%
QC value within limits for Lead Recovery = Not calculated								
Magnesium†	-253.6	-0.0137567	mg/L	0.01429260	-0.0137567	mg/L	0.01429260	103.90%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-47.5	-0.0001011	mg/L	0.00007902	-0.0001011	mg/L	0.00007902	78.16%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenum†	57.4	0.0033220	mg/L	0.00163458	0.0033220	mg/L	0.00163458	49.20%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	-51.9	-0.0009200	mg/L	0.00071969	-0.0009200	mg/L	0.00071969	78.23%
QC value within limits for Nickel Recovery = Not calculated								
Potassium†	1984.8	6.90002	mg/L	0.852715	6.90002	mg/L	0.852715	12.36%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Selenium†	-15.6	-0.0078333	mg/L	0.00126992	-0.0078333	mg/L	0.00126992	16.21%
QC value within limits for Selenium Recovery = Not calculated								
Silver†	25.9	0.0001309	mg/L	0.00016495	0.0001309	mg/L	0.00016495	126.05%
QC value within limits for Silver Recovery = Not calculated								
Sodium†	32.8	0.0340226	mg/L	0.01311684	0.0340226	mg/L	0.01311684	38.55%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	2.7	0.0013554	mg/L	0.00348058	0.0013554	mg/L	0.00348058	256.80%
QC value within limits for Thallium Recovery = Not calculated								
Tin†	-0.3	-0.0000647	mg/L	0.00244415	-0.0000647	mg/L	0.00244415	>999.9%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	245.4	0.0003630	mg/L	0.00013217	0.0003630	mg/L	0.00013217	36.41%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	34.3	0.0002519	mg/L	0.00039563	0.0002519	mg/L	0.00039563	157.05%
QC value within limits for Vanadium Recovery = Not calculated								
Zinc†	-53.7	-0.0018001	mg/L	0.00001607	-0.0018001	mg/L	0.00001607	0.89%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 31
Sample ID: 45725-030
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 28
Date Collected: 7/22/2009 2:18:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45725-030

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1062551.5	114	%	0.1				0.08%
Yittrium	994728.4	244	%	0.7				0.30%
Aluminumt	7076345.8	285.600	mg/L	0.0724	285.600	mg/L	0.0724	0.03%
Antimonyt	184.3	0.0276174	mg/L	0.00205307	0.0276174	mg/L	0.00205307	7.43%
Arsenict	143.1	0.0711220	mg/L	0.00109867	0.0711220	mg/L	0.00109867	1.54%
Bariumt	165689.6	1.18670	mg/L	0.002861	1.18670	mg/L	0.002861	0.24%
Berylliumt	85258.1	0.0204504	mg/L	0.00002436	0.0204504	mg/L	0.00002436	0.12%
Cadmiumt	651.3	-0.0089323	mg/L	0.00068244	-0.0089323	mg/L	0.00068244	7.64%
Calciumt	26358101.0	229.311	mg/L	3.1064	229.311	mg/L	3.1064	1.35%
Chromiumt	175151.2	1.98433	mg/L	0.004414	1.98433	mg/L	0.004414	0.22%
Cobaltt	25218.2	0.524183	mg/L	0.0009841	0.524183	mg/L	0.0009841	0.19%
Coppert	50564.8	0.438200	mg/L	0.0022299	0.438200	mg/L	0.0022299	0.51%
Iront	12791881.7	802.459	mg/L	11.9536	802.459	mg/L	11.9536	1.49%
Leadt	7834.9	0.356814	mg/L	0.0047145	0.356814	mg/L	0.0047145	1.32%
Magnesiumt	939321.6	50.9514	mg/L	0.14842	50.9514	mg/L	0.14842	0.29%
Manganeset	14515843.5	30.8809	mg/L	0.14700	30.8809	mg/L	0.14700	0.48%
Molybdenumt	4679.2	0.245885	mg/L	0.0088589	0.245885	mg/L	0.0088589	3.60%
Nickelt	17748.4	0.343182	mg/L	0.0013301	0.343182	mg/L	0.0013301	0.39%
Potassiumt	2606386.0	9059.66	mg/L	166.362	9059.66	mg/L	166.362	1.84%
Seleniumt	-20.5	-0.0203377	mg/L	0.01710439	-0.0203377	mg/L	0.01710439	84.10%
Silvert	-20032.5	-0.0212312	mg/L	0.00139714	-0.0212312	mg/L	0.00139714	6.58%
Sodiumt	182795.9	188.955	mg/L	0.5478	188.955	mg/L	0.5478	0.29%
Thalliumt	-333.0	-0.0039961	mg/L	0.00446654	-0.0039961	mg/L	0.00446654	111.77%
Tint	-379.0	0.0036701	mg/L	0.00398775	0.0036701	mg/L	0.00398775	108.65%
Titaniumt	6307791.1	9.33278	mg/L	0.009745	9.33278	mg/L	0.009745	0.10%
Vanadiumt	77774.4	0.498033	mg/L	0.0012132	0.498033	mg/L	0.0012132	0.24%
Zinct	28334.5	0.943050	mg/L	0.0075847	0.943050	mg/L	0.0075847	0.80%

Sequence No.: 32 **Autosampler Location: 29**
Sample ID: 45725-031 **Date Collected: 7/22/2009 2:23:09 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45725-031

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	999666.0	107	%	0.0				0.04%
Yittrium	546524.0	134	%	1.2				0.88%
Aluminumt	2982916.4	120.389	mg/L	2.1378	120.389	mg/L	2.1378	1.78%
Antimonyt	92.6	0.0184273	mg/L	0.00144061	0.0184273	mg/L	0.00144061	7.82%
Arsenict	92.4	0.0511529	mg/L	0.00734058	0.0511529	mg/L	0.00734058	14.35%
Bariumt	59493.6	0.423919	mg/L	0.0073778	0.423919	mg/L	0.0073778	1.74%
Berylliumt	35762.7	0.0074632	mg/L	0.00012807	0.0074632	mg/L	0.00012807	1.72%
Cadmiumt	333.3	-0.0041211	mg/L	0.00015677	-0.0041211	mg/L	0.00015677	3.80%
Calciumt	5892294.0	51.2619	mg/L	0.91153	51.2619	mg/L	0.91153	1.78%
Chromiumt	92855.4	1.05232	mg/L	0.017343	1.05232	mg/L	0.017343	1.65%
Cobaltt	10622.7	0.217711	mg/L	0.0012691	0.217711	mg/L	0.0012691	0.58%
Coppert	22490.7	0.194907	mg/L	0.0037296	0.194907	mg/L	0.0037296	1.91%
Iront	6265300.7	393.034	mg/L	7.6840	393.034	mg/L	7.6840	1.96%
Leadt	3842.9	0.182936	mg/L	0.0016039	0.182936	mg/L	0.0016039	0.88%
Magnesiumt	508666.1	27.5915	mg/L	0.48918	27.5915	mg/L	0.48918	1.77%
Manganeset	2748186.2	5.84648	mg/L	0.098731	5.84648	mg/L	0.098731	1.69%
Molybdenumt	3295.7	0.182225	mg/L	0.0101245	0.182225	mg/L	0.0101245	5.56%
Nickelt	9450.8	0.181606	mg/L	0.0008710	0.181606	mg/L	0.0008710	0.48%
Potassiumt	1150022.5	3997.44	mg/L	83.511	3997.44	mg/L	83.511	2.09%
Seleniumt	-6.6	-0.0112390	mg/L	0.00477648	-0.0112390	mg/L	0.00477648	42.50%
Silvert	-9466.1	-0.0086477	mg/L	0.00016012	-0.0086477	mg/L	0.00016012	1.85%
Sodiumt	124115.6	128.033	mg/L	2.2611	128.033	mg/L	2.2611	1.77%
Thalliumt	-144.0	0.0012359	mg/L	0.00057221	0.0012359	mg/L	0.00057221	46.30%
Tint	-170.8	0.0141060	mg/L	0.00059665	0.0141060	mg/L	0.00059665	4.23%
Titaniumt	3701283.4	5.47628	mg/L	0.101955	5.47628	mg/L	0.101955	1.86%
Vanadiumt	39546.9	0.254111	mg/L	0.0051471	0.254111	mg/L	0.0051471	2.03%
Zinct	11134.5	0.369585	mg/L	0.0018099	0.369585	mg/L	0.0018099	0.49%

Sequence No.: 33
Sample ID: 45788-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 7/22/2009 2:28:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45788-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	949624.9	102	%	0.0				0.02%
Yittrium	405154.4	99.5	%	0.17				0.17%
Aluminumt	1196.4	0.0481140	mg/L	0.00347705	0.0481140	mg/L	0.00347705	7.23%
Antimonyt	4.1	0.0014102	mg/L	0.00181881	0.0014102	mg/L	0.00181881	128.98%
Arsenict	5.1	0.0035427	mg/L	0.00177290	0.0035427	mg/L	0.00177290	50.04%
Bariumt	32308.7	0.235165	mg/L	0.0036640	0.235165	mg/L	0.0036640	1.56%
Berylliumt	-302.6	-0.0000977	mg/L	0.00004779	-0.0000977	mg/L	0.00004779	48.94%
Cadmiumt	1.4	0.0000221	mg/L	0.00014979	0.0000221	mg/L	0.00014979	679.30%
Calciumt	6517608.2	56.7021	mg/L	1.47170	56.7021	mg/L	1.47170	2.60%
Chromiumt	95.8	0.0011709	mg/L	0.00004949	0.0011709	mg/L	0.00004949	4.23%
Cobaltt	19.1	0.0004587	mg/L	0.00052777	0.0004587	mg/L	0.00052777	115.06%
Coppert	489.9	0.0042456	mg/L	0.00077097	0.0042456	mg/L	0.00077097	18.16%
Iront	1455.9	0.0913327	mg/L	0.00434832	0.0913327	mg/L	0.00434832	4.76%
Leadt	-109.2	-0.0043177	mg/L	0.00112991	-0.0043177	mg/L	0.00112991	26.17%
Magnesiumt	270513.7	14.6734	mg/L	0.19538	14.6734	mg/L	0.19538	1.33%
Manganeset	35109.4	0.0746915	mg/L	0.00115191	0.0746915	mg/L	0.00115191	1.54%
Molybdenumt	208.9	0.0074736	mg/L	0.00088625	0.0074736	mg/L	0.00088625	11.86%
Nickelt	46.5	0.0008384	mg/L	0.00054320	0.0008384	mg/L	0.00054320	64.79%
Potassiumt	-918.5	-3.26468	mg/L	1.853584	-3.26468	mg/L	1.853584	56.78%
Seleniumt	-28.2	-0.0112716	mg/L	0.00559850	-0.0112716	mg/L	0.00559850	49.67%
Silvert	72.3	0.0003753	mg/L	0.00075006	0.0003753	mg/L	0.00075006	199.86%
Sodiumt	61645.4	62.4961	mg/L	0.95578	62.4961	mg/L	0.95578	1.53%
Thalliumt	-2.2	0.0000495	mg/L	0.00316658	0.0000495	mg/L	0.00316658	>999.9%
Tint	129.9	0.0164749	mg/L	0.00013588	0.0164749	mg/L	0.00013588	0.82%
Titaniumt	1331.3	0.0019698	mg/L	0.00010506	0.0019698	mg/L	0.00010506	5.33%
Vanadiumt	582.8	0.0035481	mg/L	0.00013507	0.0035481	mg/L	0.00013507	3.81%
Zinct	2883.2	0.0962232	mg/L	0.00028633	0.0962232	mg/L	0.00028633	0.30%

Sequence No.: 34
Sample ID: 45788-002
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 31
Date Collected: 7/22/2009 2:31:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45788-002

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	954856.0	102	%	1.1				1.03%
Yittrium	403733.3	99.1	%	0.90				0.91%
Aluminumt	6397.4	0.258064	mg/L	0.0089092	0.258064	mg/L	0.0089092	3.45%
Antimonyt	3.1	0.0010714	mg/L	0.00590609	0.0010714	mg/L	0.00590609	551.24%
Arsenict	5.7	0.0039982	mg/L	0.00277085	0.0039982	mg/L	0.00277085	69.30%
Bariumt	29837.9	0.217170	mg/L	0.0021463	0.217170	mg/L	0.0021463	0.99%
Berylliumt	-105.6	-0.0000443	mg/L	0.00003233	-0.0000443	mg/L	0.00003233	73.07%
Cadmiumt	12.7	0.0002135	mg/L	0.00045382	0.0002135	mg/L	0.00045382	212.57%
Calciumt	5333895.1	46.4040	mg/L	1.24442	46.4040	mg/L	1.24442	2.68%
Chromiumt	141.0	0.0016650	mg/L	0.00035781	0.0016650	mg/L	0.00035781	21.49%
Cobaltt	16.8	0.0003699	mg/L	0.00018426	0.0003699	mg/L	0.00018426	49.82%
Coppert	656.9	0.0056929	mg/L	0.00153901	0.0056929	mg/L	0.00153901	27.03%
Iront	7323.6	0.459426	mg/L	0.0022735	0.459426	mg/L	0.0022735	0.49%
Leadt	-73.6	-0.0026028	mg/L	0.00060692	-0.0026028	mg/L	0.00060692	23.32%
Magnesiumt	205307.3	11.1364	mg/L	0.15953	11.1364	mg/L	0.15953	1.43%
Manganeset	12242.7	0.0260451	mg/L	0.00031343	0.0260451	mg/L	0.00031343	1.20%
Molybdenumt	164.9	0.0064666	mg/L	0.00035503	0.0064666	mg/L	0.00035503	5.49%
Nickelt	35.2	0.0006484	mg/L	0.00136918	0.0006484	mg/L	0.00136918	211.17%
Potassiumt	-948.6	-3.35599	mg/L	7.654851	-3.35599	mg/L	7.654851	228.10%
Seleniumt	-29.4	-0.0123809	mg/L	0.00301368	-0.0123809	mg/L	0.00301368	24.34%
Silvert	113.3	0.0006203	mg/L	0.00003426	0.0006203	mg/L	0.00003426	5.52%
Sodiumt	67957.9	68.9238	mg/L	0.91470	68.9238	mg/L	0.91470	1.33%
Thalliumt	2.0	0.0020261	mg/L	0.00159922	0.0020261	mg/L	0.00159922	78.93%
Tint	108.7	0.0139957	mg/L	0.00097624	0.0139957	mg/L	0.00097624	6.98%
Titaniumt	10108.2	0.0149558	mg/L	0.00043290	0.0149558	mg/L	0.00043290	2.89%
Vanadiumt	535.4	0.0033176	mg/L	0.00048033	0.0033176	mg/L	0.00048033	14.48%
Zinct	1145.8	0.0380515	mg/L	0.00067290	0.0380515	mg/L	0.00067290	1.77%

Sequence No.: 35
Sample ID: 45788-003
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 7/22/2009 2:35:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45788-003

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	985337.4	106	%	0.8				0.78%
Yittrium	586080.6	144	%	0.2				0.17%
Aluminumt	4932711.5	199.084	mg/L	0.7709	199.084	mg/L	0.7709	0.39%
Antimonyt	-27.1	0.0033942	mg/L	0.00097450	0.0033942	mg/L	0.00097450	28.71%
Arsenict	110.0	0.0482644	mg/L	0.00035682	0.0482644	mg/L	0.00035682	0.74%
Bariumt	409694.5	2.97324	mg/L	0.029984	2.97324	mg/L	0.029984	1.01%
Berylliumt	36585.2	0.0036713	mg/L	0.00012336	0.0036713	mg/L	0.00012336	3.36%
Cadmiumt	1498.9	0.0189458	mg/L	0.00040160	0.0189458	mg/L	0.00040160	2.12%
Calciumt	37973283.1	330.361	mg/L	8.1366	330.361	mg/L	8.1366	2.46%
Chromiumt	21174.0	0.240420	mg/L	0.0029489	0.240420	mg/L	0.0029489	1.23%
Cobaltt	7177.7	0.130546	mg/L	0.0013550	0.130546	mg/L	0.0013550	1.04%
Coppert	41114.0	0.356299	mg/L	0.0046488	0.356299	mg/L	0.0046488	1.30%
Iront	4791988.5	300.610	mg/L	0.7173	300.610	mg/L	0.7173	0.24%
Leadt	32711.0	2.12181	mg/L	0.014640	2.12181	mg/L	0.014640	0.69%
Magnesiumt	2107272.4	114.304	mg/L	0.1544	114.304	mg/L	0.1544	0.14%
Manganeset	3223062.4	6.85673	mg/L	0.003904	6.85673	mg/L	0.003904	0.06%
Molybdenumt	1848.7	-0.0152993	mg/L	0.00157519	-0.0152993	mg/L	0.00157519	10.30%
Nickelt	9491.9	0.179124	mg/L	0.0024276	0.179124	mg/L	0.0024276	1.36%
Potassiumt	904181.4	3142.41	mg/L	15.789	3142.41	mg/L	15.789	0.50%
Seleniumt	-16.2	0.0000067	mg/L	0.00428951	0.0000067	mg/L	0.00428951	>999.9%
Silvert	-6451.4	-0.0026173	mg/L	0.00074540	-0.0026173	mg/L	0.00074540	28.48%
Sodiumt	163768.9	168.597	mg/L	1.6961	168.597	mg/L	1.6961	1.01%
Thalliumt	-236.9	0.0069022	mg/L	0.00502939	0.0069022	mg/L	0.00502939	72.87%
Tint	87.2	0.0073922	mg/L	0.00503453	0.0073922	mg/L	0.00503453	68.11%
Titaniumt	7538120.5	11.1531	mg/L	0.28446	11.1531	mg/L	0.28446	2.55%
Vanadiumt	69533.0	0.461651	mg/L	0.0057925	0.461651	mg/L	0.0057925	1.25%
Zinct	189179.4	6.34236	mg/L	0.055943	6.34236	mg/L	0.055943	0.88%

Sequence No.: 36 Autosampler Location: 6
Sample ID: CCV V-68336 Date Collected: 7/22/2009 2:40:51 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	940542.0	101	%	0.9				0.91%
Yittrium	395249.3	97.0	%	1.59				1.64%
Aluminumt	123991.4	4.99692	mg/L	0.050339	4.99692	mg/L	0.050339	1.01%
QC value within limits for Aluminum Recovery = 99.94%								
Antimonyt	1457.4	0.506478	mg/L	0.0009537	0.506478	mg/L	0.0009537	0.19%
QC value within limits for Antimony Recovery = 101.30%								
Arsenict	682.0	0.504322	mg/L	0.0047845	0.504322	mg/L	0.0047845	0.95%
QC value within limits for Arsenic Recovery = 100.86%								
Bariumt	69324.4	0.504418	mg/L	0.0035471	0.504418	mg/L	0.0035471	0.70%
QC value within limits for Barium Recovery = 100.88%								
Berylliumt	1589848.4	0.505258	mg/L	0.0117889	0.505258	mg/L	0.0117889	2.33%
QC value within limits for Beryllium Recovery = 101.05%								
Cadmiumt	28379.1	0.503982	mg/L	0.0019429	0.503982	mg/L	0.0019429	0.39%
QC value within limits for Cadmium Recovery = 100.80%								
Calciumt	5849507.9	50.8897	mg/L	1.20921	50.8897	mg/L	1.20921	2.38%
QC value within limits for Calcium Recovery = 101.78%								
Chromiumt	44266.4	0.504732	mg/L	0.0052696	0.504732	mg/L	0.0052696	1.04%
QC value within limits for Chromium Recovery = 100.95%								
Cobaltt	23505.9	0.507823	mg/L	0.0022792	0.507823	mg/L	0.0022792	0.45%
QC value within limits for Cobalt Recovery = 101.56%								
Coppert	57357.6	0.497068	mg/L	0.0049201	0.497068	mg/L	0.0049201	0.99%
QC value within limits for Copper Recovery = 99.41%								
Iront	80976.5	5.07980	mg/L	0.072075	5.07980	mg/L	0.072075	1.42%
QC value within limits for Iron Recovery = 101.60%								
Leadt	7481.0	0.511383	mg/L	0.0008914	0.511383	mg/L	0.0008914	0.17%
QC value within limits for Lead Recovery = 102.28%								
Magnesiumt	937705.1	50.8637	mg/L	1.24544	50.8637	mg/L	1.24544	2.45%
QC value within limits for Magnesium Recovery = 101.73%								
Manganeset	236878.1	0.503933	mg/L	0.0041487	0.503933	mg/L	0.0041487	0.82%
QC value within limits for Manganese Recovery = 100.79%								
Molybdenumt	8926.1	0.500333	mg/L	0.0212080	0.500333	mg/L	0.0212080	4.24%
QC value within limits for Molybdenum Recovery = 100.07%								
Nickelt	28803.2	0.512758	mg/L	0.0034894	0.512758	mg/L	0.0034894	0.68%
QC value within limits for Nickel Recovery = 102.55%								
Potassiumt	12821.0	44.4581	mg/L	4.67851	44.4581	mg/L	4.67851	10.52%
QC value less than the lower limit for Potassium Recovery = 88.92%								
Seleniumt	995.9	0.501328	mg/L	0.0089529	0.501328	mg/L	0.0089529	1.79%
QC value within limits for Selenium Recovery = 100.27%								
Silvert	19391.1	0.0987725	mg/L	0.00138856	0.0987725	mg/L	0.00138856	1.41%
QC value within limits for Silver Recovery = 98.77%								
Sodiumt	47088.9	47.7978	mg/L	0.32050	47.7978	mg/L	0.32050	0.67%
QC value within limits for Sodium Recovery = 95.60%								
Thalliumt	1015.9	0.514966	mg/L	0.0031920	0.514966	mg/L	0.0031920	0.62%
QC value within limits for Thallium Recovery = 102.99%								
Tint	2685.8	0.509604	mg/L	0.0043354	0.509604	mg/L	0.0043354	0.85%
QC value within limits for Tin Recovery = 101.92%								
Titaniumt	338015.1	0.500115	mg/L	0.0055893	0.500115	mg/L	0.0055893	1.12%
QC value within limits for Titanium Recovery = 100.02%								
Vanadiumt	72773.6	0.501760	mg/L	0.0048734	0.501760	mg/L	0.0048734	0.97%
QC value within limits for Vanadium Recovery = 100.35%								
Zinct	15264.1	0.511821	mg/L	0.0036777	0.511821	mg/L	0.0036777	0.72%
QC value within limits for Zinc Recovery = 102.36%								

QC Failed. Continue with analysis.

Sequence No.: 37 **Autosampler Location:** 1
Sample ID: CCB **Date Collected:** 7/22/2009 2:45:40 PM
Analyst: **Data Type:** Original
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	946340.9	102	%	1.0				0.96%
Yittrium	413036.3	101	%	0.5				0.51%
Aluminumt	194.2	0.0077880	mg/L	0.00141707	0.0077880	mg/L	0.00141707	18.20%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	1.4	0.0004987	mg/L	0.00182659	0.0004987	mg/L	0.00182659	366.25%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	4.8	0.0035652	mg/L	0.00068859	0.0035652	mg/L	0.00068859	19.31%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	21.2	0.0001542	mg/L	0.00002158	0.0001542	mg/L	0.00002158	13.99%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-20.1	-0.0000069	mg/L	0.00002695	-0.0000069	mg/L	0.00002695	391.60%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	26.1	0.0004644	mg/L	0.00011358	0.0004644	mg/L	0.00011358	24.46%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	497.1	0.0043248	mg/L	0.00202899	0.0043248	mg/L	0.00202899	46.91%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	24.0	0.0002973	mg/L	0.00025496	0.0002973	mg/L	0.00025496	85.74%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-20.9	-0.0004373	mg/L	0.00038403	-0.0004373	mg/L	0.00038403	87.81%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	316.7	0.0027446	mg/L	0.00045864	0.0027446	mg/L	0.00045864	16.71%
QC value within limits for Copper Recovery = Not calculated								
Iront	11.6	0.0007295	mg/L	0.00265530	0.0007295	mg/L	0.00265530	364.01%
QC value within limits for Iron Recovery = Not calculated								
Leadt	-4.3	-0.0002908	mg/L	0.00120745	-0.0002908	mg/L	0.00120745	415.15%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	-50.8	-0.0027553	mg/L	0.00825470	-0.0027553	mg/L	0.00825470	299.59%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	71.5	0.0001520	mg/L	0.00006628	0.0001520	mg/L	0.00006628	43.61%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	62.4	0.0035950	mg/L	0.00023896	0.0035950	mg/L	0.00023896	6.65%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-31.5	-0.0005580	mg/L	0.00014250	-0.0005580	mg/L	0.00014250	25.54%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	882.3	3.06718	mg/L	3.178769	3.06718	mg/L	3.178769	103.64%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Seleniumt	-7.8	-0.0038934	mg/L	0.00278962	-0.0038934	mg/L	0.00278962	71.65%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	24.1	0.0001221	mg/L	0.00012907	0.0001221	mg/L	0.00012907	105.69%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	-58.2	-0.0583784	mg/L	0.06655558	-0.0583784	mg/L	0.06655558	114.01%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-3.8	-0.0019018	mg/L	0.00024351	-0.0019018	mg/L	0.00024351	12.80%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-4.2	-0.0007994	mg/L	0.00238367	-0.0007994	mg/L	0.00238367	298.20%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	451.1	0.0006675	mg/L	0.00009868	0.0006675	mg/L	0.00009868	14.78%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	2.5	0.0000331	mg/L	0.00056217	0.0000331	mg/L	0.00056217	>999.9%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-31.8	-0.0010648	mg/L	0.00052970	-0.0010648	mg/L	0.00052970	49.75%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 38
Sample ID: 45774-011
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 7/22/2009 2:49:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-011

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	977725.1	105	%	0.3				0.27%
Yittrium	420446.9	103	%	0.3				0.28%
Aluminumt	12531.1	0.505709	mg/L	0.0087119	0.505709	mg/L	0.0087119	1.72%
Antimonyt	-7.2	-0.0025916	mg/L	0.00191579	-0.0025916	mg/L	0.00191579	73.92%
Arsenict	4.3	0.0030656	mg/L	0.00566250	0.0030656	mg/L	0.00566250	184.71%
Bariumt	835.4	0.0060433	mg/L	0.00004207	0.0060433	mg/L	0.00004207	0.70%
Berylliumt	97.2	0.0000228	mg/L	0.00001676	0.0000228	mg/L	0.00001676	73.64%
Cadmiumt	2.6	0.0000066	mg/L	0.00028832	0.0000066	mg/L	0.00028832	>999.9%
Calciumt	534218.0	4.64760	mg/L	0.134540	4.64760	mg/L	0.134540	2.89%
Chromiumt	86.4	0.0010034	mg/L	0.00011301	0.0010034	mg/L	0.00011301	11.26%
Cobaltt	41.4	0.0008831	mg/L	0.00012071	0.0008831	mg/L	0.00012071	13.67%
Coppert	477.6	0.0041390	mg/L	0.00031640	0.0041390	mg/L	0.00031640	7.64%
Iront	25252.4	1.58413	mg/L	0.027230	1.58413	mg/L	0.027230	1.72%
Leadt	13.2	0.0008299	mg/L	0.00186589	0.0008299	mg/L	0.00186589	224.83%
Magnesiumt	12358.7	0.670373	mg/L	0.0125314	0.670373	mg/L	0.0125314	1.87%
Manganeset	30812.9	0.0655513	mg/L	0.00175171	0.0655513	mg/L	0.00175171	2.67%
Molybdenumt	61.6	0.0004583	mg/L	0.00038804	0.0004583	mg/L	0.00038804	84.66%
Nickelt	474.3	0.0084918	mg/L	0.00031641	0.0084918	mg/L	0.00031641	3.73%
Potassiumt	234.8	0.808761	mg/L	0.0701944	0.808761	mg/L	0.0701944	8.68%
Seleniumt	-17.2	-0.0084478	mg/L	0.00503845	-0.0084478	mg/L	0.00503845	59.64%
Silvert	-16.4	0.0000753	mg/L	0.00026336	0.0000753	mg/L	0.00026336	349.78%
Sodiumt	2066.8	2.04507	mg/L	0.009120	2.04507	mg/L	0.009120	0.45%
Thalliumt	4.0	0.0023618	mg/L	0.00124564	0.0023618	mg/L	0.00124564	52.74%
Tint	12.2	0.0018766	mg/L	0.00199228	0.0018766	mg/L	0.00199228	106.17%
Titaniumt	7721.6	0.0114247	mg/L	0.00067394	0.0114247	mg/L	0.00067394	5.90%
Vanadiumt	40.3	0.0001958	mg/L	0.00066509	0.0001958	mg/L	0.00066509	339.70%
Zinct	4970.9	0.166582	mg/L	0.0017050	0.166582	mg/L	0.0017050	1.02%

Sequence No.: 39 **Autosampler Location: 34**
Sample ID: 45774-012 **Date Collected: 7/22/2009 2:52:32 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45774-012

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	952978.9	102	%	1.0				1.02%
Yittrium	400655.2	98.4	%	0.93				0.95%
Aluminumt	152069.5	6.13728	mg/L	0.092476	6.13728	mg/L	0.092476	1.51%
Antimonyt	10.8	0.0029993	mg/L	0.00325477	0.0029993	mg/L	0.00325477	108.52%
Arsenict	6.2	0.0037722	mg/L	0.00039069	0.0037722	mg/L	0.00039069	10.36%
Bariumt	38849.0	0.282413	mg/L	0.0041928	0.282413	mg/L	0.0041928	1.48%
Berylliumt	823.7	0.0001590	mg/L	0.00001049	0.0001590	mg/L	0.00001049	6.60%
Cadmiumt	51.5	0.0005538	mg/L	0.00028275	0.0005538	mg/L	0.00028275	51.06%
Calciumt	6110574.8	53.1609	mg/L	1.44813	53.1609	mg/L	1.44813	2.72%
Chromiumt	2391.2	0.0272169	mg/L	0.00005077	0.0272169	mg/L	0.00005077	0.19%
Cobaltt	767.6	0.0163188	mg/L	0.00051682	0.0163188	mg/L	0.00051682	3.17%
Coppert	3265.8	0.0283021	mg/L	0.00039943	0.0283021	mg/L	0.00039943	1.41%
Iront	225137.3	14.1233	mg/L	0.23968	14.1233	mg/L	0.23968	1.70%
Leadt	29.0	0.0009702	mg/L	0.00009890	0.0009702	mg/L	0.00009890	10.19%
Magnesiumt	109396.2	5.93395	mg/L	0.073599	5.93395	mg/L	0.073599	1.24%
Manganeset	657853.8	1.39952	mg/L	0.015548	1.39952	mg/L	0.015548	1.11%
Molybdenumt	368.1	0.0082738	mg/L	0.00042609	0.0082738	mg/L	0.00042609	5.15%
Nickelt	3002.4	0.0538886	mg/L	0.00079531	0.0538886	mg/L	0.00079531	1.48%
Potassiumt	36045.0	125.228	mg/L	4.4098	125.228	mg/L	4.4098	3.52%
Seleniumt	-29.3	-0.0124065	mg/L	0.00327450	-0.0124065	mg/L	0.00327450	26.39%
Silvert	-178.2	0.0005099	mg/L	0.00074389	0.0005099	mg/L	0.00074389	145.88%
Sodiumt	129288.2	130.997	mg/L	1.4606	130.997	mg/L	1.4606	1.12%
Thalliumt	-6.1	0.0017181	mg/L	0.00094878	0.0017181	mg/L	0.00094878	55.22%
Tint	112.9	0.0156622	mg/L	0.00172523	0.0156622	mg/L	0.00172523	11.02%
Titaniumt	97458.5	0.144196	mg/L	0.0015682	0.144196	mg/L	0.0015682	1.09%
Vanadiumt	1227.2	0.0076838	mg/L	0.00007589	0.0076838	mg/L	0.00007589	0.99%
Zinct	17911.3	0.599913	mg/L	0.0065408	0.599913	mg/L	0.0065408	1.09%

Sequence No.: 40
Sample ID: 45774-013
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 7/22/2009 2:56:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-013

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	942789.4	101	%	0.0				0.01%
Yittrium	403080.5	99.0	%	0.13				0.13%
Aluminumt	6522.0	0.263084	mg/L	0.0143123	0.263084	mg/L	0.0143123	5.44%
Antimonyt	5.3	0.0016707	mg/L	0.00242644	0.0016707	mg/L	0.00242644	145.23%
Arsenict	5.0	0.0034983	mg/L	0.00130014	0.0034983	mg/L	0.00130014	37.16%
Bariumt	28574.7	0.207945	mg/L	0.0000197	0.207945	mg/L	0.0000197	0.01%
Berylliumt	-263.7	-0.0000881	mg/L	0.00001606	-0.0000881	mg/L	0.00001606	18.23%
Cadmiumt	24.3	0.0003763	mg/L	0.00018041	0.0003763	mg/L	0.00018041	47.94%
Calciumt	6351470.7	55.2567	mg/L	1.48714	55.2567	mg/L	1.48714	2.69%
Chromiumt	56.7	0.0007156	mg/L	0.00016904	0.0007156	mg/L	0.00016904	23.62%
Cobaltt	964.5	0.0208225	mg/L	0.00001309	0.0208225	mg/L	0.00001309	0.06%
Coppert	178.4	0.0015459	mg/L	0.00167575	0.0015459	mg/L	0.00167575	108.40%
Iront	34369.4	2.15606	mg/L	0.007350	2.15606	mg/L	0.007350	0.34%
Leadt	-110.3	-0.0046455	mg/L	0.00063000	-0.0046455	mg/L	0.00063000	13.56%
Magnesiumt	194872.5	10.5704	mg/L	0.14521	10.5704	mg/L	0.14521	1.37%
Manganeset	239432.8	0.509368	mg/L	0.0056954	0.509368	mg/L	0.0056954	1.12%
Molybdenumt	176.9	0.0065406	mg/L	0.00035307	0.0065406	mg/L	0.00035307	5.40%
Nickelt	659.8	0.0118151	mg/L	0.00033777	0.0118151	mg/L	0.00033777	2.86%
Potassiumt	4464.5	15.4518	mg/L	0.98969	15.4518	mg/L	0.98969	6.41%
Seleniumt	-36.1	-0.0153424	mg/L	0.00641253	-0.0153424	mg/L	0.00641253	41.80%
Silvert	-12.9	0.0001502	mg/L	0.00039351	0.0001502	mg/L	0.00039351	262.04%
Sodiumt	190792.6	193.510	mg/L	1.8814	193.510	mg/L	1.8814	0.97%
Thalliumt	-4.8	-0.0005390	mg/L	0.00193089	-0.0005390	mg/L	0.00193089	358.26%
Tint	132.5	0.0174892	mg/L	0.00003420	0.0174892	mg/L	0.00003420	0.20%
Titaniumt	4018.4	0.0059455	mg/L	0.00013854	0.0059455	mg/L	0.00013854	2.33%
Vanadiumt	550.7	0.0033675	mg/L	0.00009726	0.0033675	mg/L	0.00009726	2.89%
Zinct	1438.6	0.0477291	mg/L	0.00060101	0.0477291	mg/L	0.00060101	1.26%

Sequence No.: 41
Sample ID: 45774-014
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 7/22/2009 2:59:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-014

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	950117.5	102	%	0.8				0.78%
Yittrium	406713.1	99.9	%	0.78				0.78%
Aluminumt	10608.3	0.428079	mg/L	0.0153562	0.428079	mg/L	0.0153562	3.59%
Antimonyt	6.6	0.0020192	mg/L	0.00149526	0.0020192	mg/L	0.00149526	74.05%
Arsenict	2.0	0.0013383	mg/L	0.00002776	0.0013383	mg/L	0.00002776	2.07%
Bariumt	15502.9	0.112765	mg/L	0.0024436	0.112765	mg/L	0.0024436	2.17%
Berylliumt	-40.0	-0.0000195	mg/L	0.00001688	-0.0000195	mg/L	0.00001688	86.46%
Cadmiumt	145.3	0.0024812	mg/L	0.00017634	0.0024812	mg/L	0.00017634	7.11%
Calciumt	2272475.3	19.7701	mg/L	0.50878	19.7701	mg/L	0.50878	2.57%
Chromiumt	154.1	0.0017827	mg/L	0.00000205	0.0017827	mg/L	0.00000205	0.11%
Cobaltt	305.4	0.0065854	mg/L	0.00023041	0.0065854	mg/L	0.00023041	3.50%
Coppert	416.7	0.0036115	mg/L	0.00043663	0.0036115	mg/L	0.00043663	12.09%
Iront	61836.1	3.87910	mg/L	0.133224	3.87910	mg/L	0.133224	3.43%
Leadt	-43.1	-0.0021787	mg/L	0.00334718	-0.0021787	mg/L	0.00334718	153.63%
Magnesiumt	86822.6	4.70950	mg/L	0.116869	4.70950	mg/L	0.116869	2.48%
Manganeset	128291.5	0.272927	mg/L	0.0073635	0.272927	mg/L	0.0073635	2.70%
Molybdenumt	92.5	0.0035011	mg/L	0.00064956	0.0035011	mg/L	0.00064956	18.55%
Nickelt	1077.7	0.0193009	mg/L	0.00003447	0.0193009	mg/L	0.00003447	0.18%
Potassiumt	10389.7	36.0906	mg/L	4.10397	36.0906	mg/L	4.10397	11.37%
Seleniumt	-10.0	-0.0040988	mg/L	0.00153900	-0.0040988	mg/L	0.00153900	37.55%
Silvert	-39.9	0.0001859	mg/L	0.00044277	0.0001859	mg/L	0.00044277	238.15%
Sodiumt	214571.0	217.630	mg/L	6.2861	217.630	mg/L	6.2861	2.89%
Thalliumt	-1.2	0.0003994	mg/L	0.00249282	0.0003994	mg/L	0.00249282	624.18%
Tint	48.3	0.0068620	mg/L	0.00016672	0.0068620	mg/L	0.00016672	2.43%
Titaniumt	6438.9	0.0095268	mg/L	0.00027915	0.0095268	mg/L	0.00027915	2.93%
Vanadiumt	306.2	0.0017873	mg/L	0.00045534	0.0017873	mg/L	0.00045534	25.48%
Zinct	1420.8	0.0474008	mg/L	0.00056555	0.0474008	mg/L	0.00056555	1.19%

Sequence No.: 42
Sample ID: 45774-016
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 7/22/2009 3:03:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-016

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	987172.4	106	%	0.5				0.43%
Yittrium	432945.1	106	%	0.6				0.58%
Aluminumt	497858.8	20.0937	mg/L	0.51121	20.0937	mg/L	0.51121	2.54%
Antimonyt	2.5	-0.0011833	mg/L	0.00324117	-0.0011833	mg/L	0.00324117	273.90%
Arsenict	18.1	0.0113175	mg/L	0.00367156	0.0113175	mg/L	0.00367156	32.44%
Bariumt	8911.0	0.0638054	mg/L	0.00021199	0.0638054	mg/L	0.00021199	0.33%
Berylliumt	3901.9	0.0009235	mg/L	0.00004037	0.0009235	mg/L	0.00004037	4.37%
Cadmiumt	72.1	0.0002711	mg/L	0.00015665	0.0002711	mg/L	0.00015665	57.78%
Calciumt	572423.9	4.97999	mg/L	0.131479	4.97999	mg/L	0.131479	2.64%
Chromiumt	2985.0	0.0338373	mg/L	0.00030958	0.0338373	mg/L	0.00030958	0.91%
Cobaltt	280.0	0.0050848	mg/L	0.00019179	0.0050848	mg/L	0.00019179	3.77%
Coppert	3034.5	0.0262976	mg/L	0.00083334	0.0262976	mg/L	0.00083334	3.17%
Iront	629784.8	39.5076	mg/L	1.29107	39.5076	mg/L	1.29107	3.27%
Leadt	381.1	0.0133246	mg/L	0.00001420	0.0133246	mg/L	0.00001420	0.11%
Magnesiumt	32423.1	1.75872	mg/L	0.046581	1.75872	mg/L	0.046581	2.65%
Manganeset	106631.3	0.226847	mg/L	0.0062085	0.226847	mg/L	0.0062085	2.74%
Molybdenumt	126.5	0.0031315	mg/L	0.00026832	0.0031315	mg/L	0.00026832	8.57%
Nickelt	1508.5	0.0281781	mg/L	0.00004266	0.0281781	mg/L	0.00004266	0.15%
Potassiumt	100333.0	348.739	mg/L	9.3318	348.739	mg/L	9.3318	2.68%
Seleniumt	-3.6	-0.0026813	mg/L	0.00020514	-0.0026813	mg/L	0.00020514	7.65%
Silvert	-913.2	-0.0006752	mg/L	0.00037759	-0.0006752	mg/L	0.00037759	55.92%
Sodiumt	2192.1	2.32382	mg/L	0.006309	2.32382	mg/L	0.006309	0.27%
Thalliumt	-4.4	0.0039414	mg/L	0.00738723	0.0039414	mg/L	0.00738723	187.42%
Tint	-19.6	0.0008563	mg/L	0.00112220	0.0008563	mg/L	0.00112220	131.05%
Titaniumt	300423.5	0.444496	mg/L	0.0110811	0.444496	mg/L	0.0110811	2.49%
Vanadiumt	5585.4	0.0366237	mg/L	0.00079196	0.0366237	mg/L	0.00079196	2.16%
Zinct	7420.9	0.248795	mg/L	0.0003062	0.248795	mg/L	0.0003062	0.12%

Sequence No.: 43
Sample ID: 45774-017
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 7/22/2009 3:06:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-017

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	964038.8	103	%	1.0				0.98%
Yittrium	415909.4	102	%	1.0				0.97%
Aluminumt	1460.3	0.0589540	mg/L	0.00547068	0.0589540	mg/L	0.00547068	9.28%
Antimonyt	-7.5	-0.0026182	mg/L	0.00199922	-0.0026182	mg/L	0.00199922	76.36%
Arsenict	2.3	0.0016867	mg/L	0.00004255	0.0016867	mg/L	0.00004255	2.52%
Bariumt	70.2	0.0005098	mg/L	0.00010018	0.0005098	mg/L	0.00010018	19.65%
Berylliumt	21.3	0.0000064	mg/L	0.00002038	0.0000064	mg/L	0.00002038	316.25%
Cadmiumt	7.8	0.0001375	mg/L	0.00017834	0.0001375	mg/L	0.00017834	129.70%
Calciumt	29665.7	0.258087	mg/L	0.0007946	0.258087	mg/L	0.0007946	0.31%
Chromiumt	-17.6	-0.0002070	mg/L	0.00064869	-0.0002070	mg/L	0.00064869	313.34%
Cobaltt	-31.4	-0.0006829	mg/L	0.00063584	-0.0006829	mg/L	0.00063584	93.11%
Coppert	22.0	0.0001903	mg/L	0.00171968	0.0001903	mg/L	0.00171968	903.71%
Iront	394.6	0.0247551	mg/L	0.00699994	0.0247551	mg/L	0.00699994	28.28%
Leadt	110.6	0.0075276	mg/L	0.00013864	0.0075276	mg/L	0.00013864	1.84%
Magnesiumt	438.1	0.0237651	mg/L	0.00173053	0.0237651	mg/L	0.00173053	7.28%
Manganeset	212.7	0.0004526	mg/L	0.00015796	0.0004526	mg/L	0.00015796	34.90%
Molybdenumt	-17.9	-0.0011197	mg/L	0.00012581	-0.0011197	mg/L	0.00012581	11.24%
Nickelt	-9.6	-0.0001699	mg/L	0.00014389	-0.0001699	mg/L	0.00014389	84.69%
Potassiumt	-2401.4	-8.34894	mg/L	4.097909	-8.34894	mg/L	4.097909	49.08%
Seleniumt	1.1	0.0005791	mg/L	0.00258647	0.0005791	mg/L	0.00258647	446.61%
Silvert	-64.5	-0.0003246	mg/L	0.00012622	-0.0003246	mg/L	0.00012622	38.89%
Sodiumt	396.6	0.400848	mg/L	0.0352977	0.400848	mg/L	0.0352977	8.81%
Thalliumt	4.3	0.0021776	mg/L	0.00490739	0.0021776	mg/L	0.00490739	225.35%
Tint	-4.2	-0.0008534	mg/L	0.00080625	-0.0008534	mg/L	0.00080625	94.48%
Titaniumt	304.3	0.0004503	mg/L	0.00001982	0.0004503	mg/L	0.00001982	4.40%
Vanadiumt	-58.1	-0.0004069	mg/L	0.00113045	-0.0004069	mg/L	0.00113045	277.83%
Zinct	139.4	0.0046731	mg/L	0.00026832	0.0046731	mg/L	0.00026832	5.74%

Sequence No.: 44 **Autosampler Location: 7**
Sample ID: ICSA V-68333 **Date Collected: 7/22/2009 3:10:15 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	870358.2	93.4	%	1.41				1.51%
Yittrium	372185.6	91.4	%	1.54				1.69%
Aluminumt	12347647.8	498.355	mg/L	15.4529	498.355	mg/L	15.4529	3.10%
Antimonyt	82.2	-0.0031207	mg/L	0.00201473	-0.0031207	mg/L	0.00201473	64.56%
Arsenict	58.3	0.0040659	mg/L	0.00112993	0.0040659	mg/L	0.00112993	27.79%
Bariumt	1333.0	-0.0025131	mg/L	0.00006908	-0.0025131	mg/L	0.00006908	2.75%
Berylliumt	-2424.9	-0.0007736	mg/L	0.00003669	-0.0007736	mg/L	0.00003669	4.74%
Cadmiumt	186.7	-0.0017797	mg/L	0.00011662	-0.0017797	mg/L	0.00011662	6.55%
Calciumt	55595745.8	483.673	mg/L	13.7317	483.673	mg/L	13.7317	2.84%
Chromiumt	-322.8	-0.0035364	mg/L	0.00021196	-0.0035364	mg/L	0.00021196	5.99%
Cobaltt	-163.3	-0.0034579	mg/L	0.00014956	-0.0034579	mg/L	0.00014956	4.33%
Coppert	-131.7	-0.0011412	mg/L	0.00034689	-0.0011412	mg/L	0.00034689	30.40%
Iront	3180239.0	199.502	mg/L	0.9644	199.502	mg/L	0.9644	0.48%
Leadt	4018.8	0.0011623	mg/L	0.00404208	0.0011623	mg/L	0.00404208	347.76%
Magnesiumt	9596602.3	520.546	mg/L	14.0517	520.546	mg/L	14.0517	2.70%
Manganeset	-3483.9	-0.0074116	mg/L	0.00006317	-0.0074116	mg/L	0.00006317	0.85%
Molybdenumt	281.9	0.0019732	mg/L	0.00041995	0.0019732	mg/L	0.00041995	21.28%
Nickelt	-244.8	0.0024623	mg/L	0.00020735	0.0024623	mg/L	0.00020735	8.42%
Potassiumt	627638.9	2180.28	mg/L	19.756	2180.28	mg/L	19.756	0.91%
Seleniumt	-58.7	-0.0100147	mg/L	0.00714312	-0.0100147	mg/L	0.00714312	71.33%
Silvert	-3912.1	0.0001349	mg/L	0.00081437	0.0001349	mg/L	0.00081437	603.75%
Sodiumt	83.4	0.0963099	mg/L	0.07394974	0.0963099	mg/L	0.07394974	76.78%
Thalliumt	-61.7	-0.0038491	mg/L	0.00195648	-0.0038491	mg/L	0.00195648	50.83%
Tint	219.2	-0.0091075	mg/L	0.00011030	-0.0091075	mg/L	0.00011030	1.21%
Titaniumt	2241.1	0.0033159	mg/L	0.00002466	0.0033159	mg/L	0.00002466	0.74%
Vanadiumt	4863.8	0.0059737	mg/L	0.00190203	0.0059737	mg/L	0.00190203	31.84%
Zinct	-919.5	-0.0098715	mg/L	0.00120033	-0.0098715	mg/L	0.00120033	12.16%

Sequence No.: 45
Sample ID: ICSAB V-68334
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/22/2009 3:15:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	872332.7	93.6	%	0.52				0.56%
Yittrium	372702.8	91.5	%	0.42				0.46%
Aluminumt	12515869.4	505.145	mg/L	10.6188	505.145	mg/L	10.6188	2.10%
Antimonyt	3095.1	1.04058	mg/L	0.000943	1.04058	mg/L	0.000943	0.09%
Arsenict	1451.4	1.03789	mg/L	0.021475	1.03789	mg/L	0.021475	2.07%
Bariumt	72923.2	0.518382	mg/L	0.0015675	0.518382	mg/L	0.0015675	0.30%
Berylliumt	1618581.5	0.514751	mg/L	0.0024249	0.514751	mg/L	0.0024249	0.47%
Cadmiumt	59527.9	1.05222	mg/L	0.006921	1.05222	mg/L	0.006921	0.66%
Calciumt	56376997.7	490.470	mg/L	10.0098	490.470	mg/L	10.0098	2.04%
Chromiumt	45082.6	0.510364	mg/L	0.0006127	0.510364	mg/L	0.0006127	0.12%
Cobaltt	23443.3	0.505457	mg/L	0.0023211	0.505457	mg/L	0.0023211	0.46%
Coppert	62369.5	0.540502	mg/L	0.0013751	0.540502	mg/L	0.0013751	0.25%
Iront	3248419.7	203.779	mg/L	0.7381	203.779	mg/L	0.7381	0.36%
Leadt	19004.0	1.02055	mg/L	0.002307	1.02055	mg/L	0.002307	0.23%
Magnesiumt	9757463.6	529.272	mg/L	11.9491	529.272	mg/L	11.9491	2.26%
Manganeset	240118.7	0.510827	mg/L	0.0014024	0.510827	mg/L	0.0014024	0.27%
Molybdenumt	275.9	-0.0160556	mg/L	0.00230422	-0.0160556	mg/L	0.00230422	14.35%
Nickelt	55471.5	0.993400	mg/L	0.0055620	0.993400	mg/L	0.0055620	0.56%
Potassiumt	642300.3	2231.22	mg/L	12.452	2231.22	mg/L	12.452	0.56%
Seleniumt	2034.5	1.03821	mg/L	0.017558	1.03821	mg/L	0.017558	1.69%
Silvert	209104.3	1.08002	mg/L	0.001169	1.08002	mg/L	0.001169	0.11%
Sodiumt	1061.8	0.745460	mg/L	0.0553503	0.745460	mg/L	0.0553503	7.42%
Thalliumt	1933.2	0.995109	mg/L	0.0209993	0.995109	mg/L	0.0209993	2.11%
Tint	223.5	-0.0087848	mg/L	0.00232237	-0.0087848	mg/L	0.00232237	26.44%
Titaniumt	2291.7	0.0033907	mg/L	0.00012646	0.0033907	mg/L	0.00012646	3.73%
Vanadiumt	78264.1	0.511320	mg/L	0.0030941	0.511320	mg/L	0.0030941	0.61%
Zinct	29551.3	1.01184	mg/L	0.011409	1.01184	mg/L	0.011409	1.13%

Sequence No.: 46
Sample ID: CCV V-68336
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/22/2009 3:20:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	939573.1	101	%	1.1				1.13%
Yittrium	396394.0	97.3	%	0.29				0.30%
Aluminumt	124447.6	5.01536	mg/L	0.106855	5.01536	mg/L	0.106855	2.13%
Antimonyt	1454.3	0.505389	mg/L	0.0139041	0.505389	mg/L	0.0139041	2.75%
Arsenict	678.3	0.501528	mg/L	0.0032429	0.501528	mg/L	0.0032429	0.65%
Bariumt	69283.1	0.504117	mg/L	0.0105501	0.504117	mg/L	0.0105501	2.09%
Berylliumt	1588277.6	0.504760	mg/L	0.0136004	0.504760	mg/L	0.0136004	2.69%
Cadmiumt	28224.5	0.501235	mg/L	0.0076244	0.501235	mg/L	0.0076244	1.52%
Calciumt	5834523.9	50.7593	mg/L	1.30844	50.7593	mg/L	1.30844	2.58%
Chromiumt	44395.1	0.506173	mg/L	0.0133216	0.506173	mg/L	0.0133216	2.63%
Cobaltt	23381.0	0.505126	mg/L	0.0083065	0.505126	mg/L	0.0083065	1.64%
Copperr	57391.0	0.497358	mg/L	0.0120893	0.497358	mg/L	0.0120893	2.43%
Iront	81206.8	5.09425	mg/L	0.149900	5.09425	mg/L	0.149900	2.94%
Leadt	7419.4	0.507150	mg/L	0.0062800	0.507150	mg/L	0.0062800	1.24%
Magnesiumt	936359.6	50.7907	mg/L	1.45883	50.7907	mg/L	1.45883	2.87%
Manganeset	237740.6	0.505768	mg/L	0.0117459	0.505768	mg/L	0.0117459	2.32%
Molybdenumt	8887.5	0.498160	mg/L	0.0268051	0.498160	mg/L	0.0268051	5.38%
Nickelt	28681.7	0.510597	mg/L	0.0072649	0.510597	mg/L	0.0072649	1.42%
Potassiumt	12261.3	42.5125	mg/L	7.27748	42.5125	mg/L	7.27748	17.12%
Seleniumt	991.2	0.498994	mg/L	0.0173739	0.498994	mg/L	0.0173739	3.48%
Silverr	19460.0	0.0991231	mg/L	0.00196790	0.0991231	mg/L	0.00196790	1.99%
Sodiumt	47255.5	47.9668	mg/L	0.96456	47.9668	mg/L	0.96456	2.01%
Thalliumt	1012.3	0.513143	mg/L	0.0069994	0.513143	mg/L	0.0069994	1.36%
Tint	2673.9	0.507343	mg/L	0.0069186	0.507343	mg/L	0.0069186	1.36%
Titaniumt	336799.1	0.498316	mg/L	0.0132858	0.498316	mg/L	0.0132858	2.67%
Vanadiumt	72826.6	0.502117	mg/L	0.0132322	0.502117	mg/L	0.0132322	2.64%
Zinct	15203.1	0.509777	mg/L	0.0060300	0.509777	mg/L	0.0060300	1.18%

Sequence No.: 47
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 7/22/2009 3:25:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	944610.0	101	%	2.3				2.31%
Yittrium	412362.3	101	%	2.2				2.18%
Aluminumt	251.3	0.0100825	mg/L	0.00126861	0.0100825	mg/L	0.00126861	12.58%
Antimonyt	0.3	0.0001050	mg/L	0.00199845	0.0001050	mg/L	0.00199845	>999.9%
Arsenict	3.3	0.0024502	mg/L	0.00114946	0.0024502	mg/L	0.00114946	46.91%
Bariumt	19.0	0.0001379	mg/L	0.00008547	0.0001379	mg/L	0.00008547	61.99%
Berylliumt	42.6	0.0000133	mg/L	0.00005541	0.0000133	mg/L	0.00005541	417.32%
Cadmiumt	-1.4	-0.0000253	mg/L	0.00032740	-0.0000253	mg/L	0.00032740	>999.9%
Calciumt	116.6	0.0010141	mg/L	0.00175985	0.0010141	mg/L	0.00175985	173.54%
Chromiumt	-12.2	-0.0001076	mg/L	0.00042453	-0.0001076	mg/L	0.00042453	394.37%
Cobaltt	0.1	0.0000194	mg/L	0.00011575	0.0000194	mg/L	0.00011575	597.77%
Coppert	48.6	0.0004213	mg/L	0.00026509	0.0004213	mg/L	0.00026509	62.92%
Iront	-12.1	-0.0007602	mg/L	0.00542241	-0.0007602	mg/L	0.00542241	713.29%
Leadt	8.7	0.0005975	mg/L	0.00025364	0.0005975	mg/L	0.00025364	42.45%
Magnesiumt	-82.7	-0.0044868	mg/L	0.01186020	-0.0044868	mg/L	0.01186020	264.34%
Manganeset	-3.1	-0.0000067	mg/L	0.00016158	-0.0000067	mg/L	0.00016158	>999.9%
Molybdenumt	73.0	0.0042008	mg/L	0.00002706	0.0042008	mg/L	0.00002706	0.64%
Nickelt	-15.1	-0.0002649	mg/L	0.00039133	-0.0002649	mg/L	0.00039133	147.74%
Potassiumt	587.0	2.04055	mg/L	8.536534	2.04055	mg/L	8.536534	418.35%
Seleniumt	-7.6	-0.0037799	mg/L	0.00119095	-0.0037799	mg/L	0.00119095	31.51%
Silvert	6.6	0.0000335	mg/L	0.00021055	0.0000335	mg/L	0.00021055	628.37%
Sodiumt	-45.5	-0.0456803	mg/L	0.00660758	-0.0456803	mg/L	0.00660758	14.46%
Thalliumt	1.0	0.0005213	mg/L	0.00016657	0.0005213	mg/L	0.00016657	31.95%
Tint	-4.8	-0.0009214	mg/L	0.00092149	-0.0009214	mg/L	0.00092149	100.01%
Titaniumt	251.3	0.0003718	mg/L	0.00000992	0.0003718	mg/L	0.00000992	2.67%
Vanadiumt	13.9	0.0001146	mg/L	0.00061945	0.0001146	mg/L	0.00061945	540.67%
Zinct	-30.9	-0.0010346	mg/L	0.00149708	-0.0010346	mg/L	0.00149708	144.69%

Sequence No.: 48
Sample ID: MB 10400 (100)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 7/22/2009 3:28:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 10400 (100)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	966688.1	104	%	0.3				0.27%
Yittrium	416317.5	102	%	0.5				0.53%
Aluminumt	873.1	0.0352267	mg/L	0.00421835	0.0352267	mg/L	0.00421835	11.97%
Antimonyt	-8.7	-0.0030098	mg/L	0.00234784	-0.0030098	mg/L	0.00234784	78.01%
Arsenict	1.6	0.0011624	mg/L	0.00123438	0.0011624	mg/L	0.00123438	106.20%
Bariumt	33.4	0.0002425	mg/L	0.00003817	0.0002425	mg/L	0.00003817	15.74%
Berylliumt	65.1	0.0000205	mg/L	0.00001680	0.0000205	mg/L	0.00001680	82.12%
Cadmiumt	5.0	0.0000894	mg/L	0.00023665	0.0000894	mg/L	0.00023665	264.79%
Calciumt	14572.4	0.126777	mg/L	0.0025909	0.126777	mg/L	0.0025909	2.04%
Chromiumt	-30.6	-0.0003411	mg/L	0.00004891	-0.0003411	mg/L	0.00004891	14.34%
Cobaltt	-12.9	-0.0002759	mg/L	0.00049504	-0.0002759	mg/L	0.00049504	179.42%
Coppert	-63.7	-0.0005522	mg/L	0.00004648	-0.0005522	mg/L	0.00004648	8.42%
Iront	182.8	0.0114650	mg/L	0.00120897	0.0114650	mg/L	0.00120897	10.54%
Leadt	-1.4	-0.0001062	mg/L	0.00100175	-0.0001062	mg/L	0.00100175	943.04%
Magnesiumt	389.2	0.0211117	mg/L	0.00755893	0.0211117	mg/L	0.00755893	35.80%
Manganeset	185.9	0.0003954	mg/L	0.00003543	0.0003954	mg/L	0.00003543	8.96%
Molybdenumt	13.6	0.0007441	mg/L	0.00041226	0.0007441	mg/L	0.00041226	55.40%
Nickelt	19.6	0.0003492	mg/L	0.00004857	0.0003492	mg/L	0.00004857	13.91%
Potassiumt	-3318.5	-11.5369	mg/L	3.32909	-11.5369	mg/L	3.32909	28.86%
Seleniumt	-9.0	-0.0044763	mg/L	0.00497572	-0.0044763	mg/L	0.00497572	111.16%
Silvert	14.2	0.0000733	mg/L	0.00017780	0.0000733	mg/L	0.00017780	242.47%
Sodiumt	233.2	0.236147	mg/L	0.2097801	0.236147	mg/L	0.2097801	88.83%
Thalliumt	-6.2	-0.0031161	mg/L	0.00135348	-0.0031161	mg/L	0.00135348	43.43%
Tint	19.0	0.0036448	mg/L	0.00003602	0.0036448	mg/L	0.00003602	0.99%
Titaniumt	248.1	0.0003670	mg/L	0.00016416	0.0003670	mg/L	0.00016416	44.73%
Vanadiumt	-98.0	-0.0006732	mg/L	0.00074300	-0.0006732	mg/L	0.00074300	110.36%
Zinct	51.7	0.0017346	mg/L	0.00012122	0.0017346	mg/L	0.00012122	6.99%

Sequence No.: 49
Sample ID: LCS 100
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 7/22/2009 3:32:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS 100

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	993001.5	107	%	0.0				0.04%
Yittrium	522371.7	128	%	0.3				0.21%
Aluminumt	2456381.5	99.1277	mg/L	0.78064	99.1277	mg/L	0.78064	0.79%
Antimonyt	3099.6	1.07487	mg/L	0.001647	1.07487	mg/L	0.001647	0.15%
Arsenict	2001.5	1.47050	mg/L	0.005519	1.47050	mg/L	0.005519	0.38%
Bariumt	455825.4	3.31281	mg/L	0.026671	3.31281	mg/L	0.026671	0.81%
Berylliumt	3177447.9	1.00712	mg/L	0.023778	1.00712	mg/L	0.023778	2.36%
Cadmiumt	103381.0	1.83168	mg/L	0.011764	1.83168	mg/L	0.011764	0.64%
Calciumt	10376310.0	90.2721	mg/L	2.17558	90.2721	mg/L	2.17558	2.41%
Chromiumt	81757.5	0.931737	mg/L	0.0078300	0.931737	mg/L	0.0078300	0.84%
Cobaltt	131545.9	2.82914	mg/L	0.020995	2.82914	mg/L	0.020995	0.74%
Coppert	143424.2	1.24293	mg/L	0.008254	1.24293	mg/L	0.008254	0.66%
Iront	2952333.9	185.205	mg/L	1.5956	185.205	mg/L	1.5956	0.86%
Leadt	25223.3	1.66399	mg/L	0.009551	1.66399	mg/L	0.009551	0.57%
Magnesiumt	904511.4	49.0632	mg/L	0.43646	49.0632	mg/L	0.43646	0.89%
Manganeset	2900449.6	6.17040	mg/L	0.039987	6.17040	mg/L	0.039987	0.65%
Molybdenumt	15347.5	0.809085	mg/L	0.0240659	0.809085	mg/L	0.0240659	2.97%
Nickelt	56354.1	1.00911	mg/L	0.008790	1.00911	mg/L	0.008790	0.87%
Potassiumt	522628.5	1816.47	mg/L	10.023	1816.47	mg/L	10.023	0.55%
Seleniumt	2883.3	1.44306	mg/L	0.000463	1.44306	mg/L	0.000463	0.03%
Silvert	119493.6	0.624062	mg/L	0.0036836	0.624062	mg/L	0.0036836	0.59%
Sodiumt	8838.8	9.60146	mg/L	0.149631	9.60146	mg/L	0.149631	1.56%
Thalliumt	5415.0	2.76905	mg/L	0.003956	2.76905	mg/L	0.003956	0.14%
Tint	6025.1	1.17045	mg/L	0.004436	1.17045	mg/L	0.004436	0.38%
Titaniumt	3216073.3	4.75838	mg/L	0.046894	4.75838	mg/L	0.046894	0.99%
Vanadiumt	274617.8	1.88611	mg/L	0.017483	1.88611	mg/L	0.017483	0.93%
Zinct	118298.0	3.96575	mg/L	0.041077	3.96575	mg/L	0.041077	1.04%

Sequence No.: 50
Sample ID: LCS 100 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 7/22/2009 3:37:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS 100 MR

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	992745.1	107	%	0.4				0.39%
Yittrium	519411.1	128	%	0.4				0.35%
Aluminumt	2239322.7	90.3687	mg/L	0.58328	90.3687	mg/L	0.58328	0.65%
Antimonyt	2739.6	0.950238	mg/L	0.0154204	0.950238	mg/L	0.0154204	1.62%
Arsenict	1847.2	1.35692	mg/L	0.025940	1.35692	mg/L	0.025940	1.91%
Bariumt	417863.9	3.03676	mg/L	0.019709	3.03676	mg/L	0.019709	0.65%
Berylliumt	2855935.7	0.904984	mg/L	0.0249883	0.904984	mg/L	0.0249883	2.76%
Cadmiumt	90684.6	1.60630	mg/L	0.007021	1.60630	mg/L	0.007021	0.44%
Calciumt	9403449.3	81.8084	mg/L	2.24510	81.8084	mg/L	2.24510	2.74%
Chromiumt	70899.5	0.808049	mg/L	0.0073134	0.808049	mg/L	0.0073134	0.91%
Cobaltt	116719.2	2.50939	mg/L	0.011210	2.50939	mg/L	0.011210	0.45%
Coppert	129547.0	1.12267	mg/L	0.009862	1.12267	mg/L	0.009862	0.88%
Iront	2853123.6	178.982	mg/L	1.2155	178.982	mg/L	1.2155	0.68%
Leadt	23118.6	1.52497	mg/L	0.007806	1.52497	mg/L	0.007806	0.51%
Magnesiumt	837253.8	45.4150	mg/L	0.19501	45.4150	mg/L	0.19501	0.43%
Manganeset	2640379.9	5.61713	mg/L	0.034710	5.61713	mg/L	0.034710	0.62%
Molybdenumt	13439.4	0.707972	mg/L	0.0292634	0.707972	mg/L	0.0292634	4.13%
Nickelt	49981.2	0.895487	mg/L	0.0101987	0.895487	mg/L	0.0101987	1.14%
Potassiumt	503275.1	1749.22	mg/L	11.646	1749.22	mg/L	11.646	0.67%
Seleniumt	2628.1	1.31505	mg/L	0.029628	1.31505	mg/L	0.029628	2.25%
Silvert	108963.9	0.570080	mg/L	0.0036008	0.570080	mg/L	0.0036008	0.63%
Sodiumt	7559.2	8.39327	mg/L	0.019082	8.39327	mg/L	0.019082	0.23%
Thalliumt	4850.0	2.48363	mg/L	0.039087	2.48363	mg/L	0.039087	1.57%
Tint	5390.7	1.04894	mg/L	0.019700	1.04894	mg/L	0.019700	1.88%
Titaniumt	3106517.4	4.59629	mg/L	0.033442	4.59629	mg/L	0.033442	0.73%
Vanadiumt	250351.6	1.71881	mg/L	0.010839	1.71881	mg/L	0.010839	0.63%
Zinct	104379.9	3.49894	mg/L	0.014303	3.49894	mg/L	0.014303	0.41%

Sequence No.: 51
Sample ID: 45887-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 7/22/2009 3:41:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45887-001

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	984520.5	106	%	0.5				0.48%
Yittrium	464795.7	114	%	0.2				0.15%
Aluminumt	1625071.2	65.5883	mg/L	1.47321	65.5883	mg/L	1.47321	2.25%
Antimonyt	46.0	0.0048693	mg/L	0.00306291	0.0048693	mg/L	0.00306291	62.90%
Arsenict	106.3	0.0715588	mg/L	0.00441352	0.0715588	mg/L	0.00441352	6.17%
Bariumt	24559.4	0.174118	mg/L	0.0016699	0.174118	mg/L	0.0016699	0.96%
Berylliumt	15681.8	0.0037979	mg/L	0.00006815	0.0037979	mg/L	0.00006815	1.79%
Cadmiumt	259.4	-0.0003995	mg/L	0.00022724	-0.0003995	mg/L	0.00022724	56.88%
Calciumt	1940935.5	16.8858	mg/L	0.37021	16.8858	mg/L	0.37021	2.19%
Chromiumt	19838.6	0.224602	mg/L	0.0057390	0.224602	mg/L	0.0057390	2.56%
Cobaltt	1696.8	0.0329386	mg/L	0.00043741	0.0329386	mg/L	0.00043741	1.33%
Coppert	10344.6	0.0896480	mg/L	0.00374679	0.0896480	mg/L	0.00374679	4.18%
Iront	3124103.2	195.981	mg/L	4.9437	195.981	mg/L	4.9437	2.52%
Leadt	4526.0	0.265968	mg/L	0.0024463	0.265968	mg/L	0.0024463	0.92%
Magnesiumt	265158.8	14.3829	mg/L	0.32449	14.3829	mg/L	0.32449	2.26%
Manganeset	350165.4	0.744940	mg/L	0.0177431	0.744940	mg/L	0.0177431	2.38%
Molybdenumt	160.3	0.0037591	mg/L	0.00026803	0.0037591	mg/L	0.00026803	7.13%
Nickelt	3092.1	0.0616767	mg/L	0.00039231	0.0616767	mg/L	0.00039231	0.64%
Potassiumt	541676.5	1882.84	mg/L	50.375	1882.84	mg/L	50.375	2.68%
Seleniumt	6.0	-0.0014413	mg/L	0.00423981	-0.0014413	mg/L	0.00423981	294.16%
Silvert	-4436.7	-0.0028757	mg/L	0.00049908	-0.0028757	mg/L	0.00049908	17.36%
Sodiumt	1031.1	1.62041	mg/L	0.098625	1.62041	mg/L	0.098625	6.09%
Thalliumt	-42.4	0.0032267	mg/L	0.00223618	0.0032267	mg/L	0.00223618	69.30%
Tint	-52.3	0.0145712	mg/L	0.00016103	0.0145712	mg/L	0.00016103	1.11%
Titaniumt	1125783.2	1.66567	mg/L	0.039338	1.66567	mg/L	0.039338	2.36%
Vanadiumt	49019.6	0.328241	mg/L	0.0091566	0.328241	mg/L	0.0091566	2.79%
Zinct	10181.9	0.339872	mg/L	0.0036215	0.339872	mg/L	0.0036215	1.07%

Sequence No.: 52 **Autosampler Location: 43**
Sample ID: 45887-001 MR **Date Collected: 7/22/2009 3:46:20 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45887-001 MR

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	975959.4	105	%	1.1				1.05%
Yittrium	460782.0	113	%	0.8				0.71%
Aluminumt	1549532.8	62.5396	mg/L	1.76472	62.5396	mg/L	1.76472	2.82%
Antimonyt	48.7	0.0058474	mg/L	0.00031411	0.0058474	mg/L	0.00031411	5.37%
Arsenict	107.8	0.0729280	mg/L	0.00224392	0.0729280	mg/L	0.00224392	3.08%
Bariumt	30240.5	0.215511	mg/L	0.0053650	0.215511	mg/L	0.0053650	2.49%
Berylliumt	15660.0	0.0037933	mg/L	0.00006905	0.0037933	mg/L	0.00006905	1.82%
Cadmiumt	270.9	-0.0002111	mg/L	0.00012575	-0.0002111	mg/L	0.00012575	59.58%
Calciumt	1853199.8	16.1225	mg/L	0.38050	16.1225	mg/L	0.38050	2.36%
Chromiumt	19266.3	0.218093	mg/L	0.0056755	0.218093	mg/L	0.0056755	2.60%
Cobaltt	1540.1	0.0295498	mg/L	0.00072906	0.0295498	mg/L	0.00072906	2.47%
Coppert	8080.2	0.0700241	mg/L	0.00307286	0.0700241	mg/L	0.00307286	4.39%
Iront	3134127.4	196.610	mg/L	5.6618	196.610	mg/L	5.6618	2.88%
Leadt	4016.7	0.232934	mg/L	0.0039189	0.232934	mg/L	0.0039189	1.68%
Magnesiumt	219481.8	11.9053	mg/L	0.28306	11.9053	mg/L	0.28306	2.38%
Manganeset	314034.0	0.668074	mg/L	0.0183366	0.668074	mg/L	0.0183366	2.74%
Molybdenumt	85.7	-0.0001826	mg/L	0.00174452	-0.0001826	mg/L	0.00174452	955.44%
Nickelt	2623.9	0.0533688	mg/L	0.00077617	0.0533688	mg/L	0.00077617	1.45%
Potassiumt	547356.7	1902.59	mg/L	66.010	1902.59	mg/L	66.010	3.47%
Seleniumt	-14.7	-0.0118792	mg/L	0.00680494	-0.0118792	mg/L	0.00680494	57.28%
Silvert	-4244.2	-0.0018375	mg/L	0.00069698	-0.0018375	mg/L	0.00069698	37.93%
Sodiumt	729.6	1.32020	mg/L	0.035952	1.32020	mg/L	0.035952	2.72%
Thalliumt	-46.1	0.0012192	mg/L	0.00255852	0.0012192	mg/L	0.00255852	209.85%
Tint	-33.5	0.0184372	mg/L	0.00035988	0.0184372	mg/L	0.00035988	1.95%
Titaniumt	1123606.7	1.66245	mg/L	0.043107	1.66245	mg/L	0.043107	2.59%
Vanadiumt	50841.7	0.340838	mg/L	0.0100042	0.340838	mg/L	0.0100042	2.94%
Zinct	9563.0	0.318937	mg/L	0.0063520	0.318937	mg/L	0.0063520	1.99%

Sequence No.: 53
Sample ID: 45887-001 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 7/22/2009 3:51:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45887-001 MS 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	967909.0	104	%	0.2				0.22%
Yittrium	450267.4	111	%	0.6				0.51%
Aluminumt	2259744.3	91.1967	mg/L	2.17173	91.1967	mg/L	2.17173	2.38%
Antimonyt	1084.1	0.365097	mg/L	0.0012127	0.365097	mg/L	0.0012127	0.33%
Arsenict	740.9	0.539055	mg/L	0.0039932	0.539055	mg/L	0.0039932	0.74%
Bariumt	92609.8	0.668624	mg/L	0.0056663	0.668624	mg/L	0.0056663	0.85%
Berylliumt	1494177.4	0.473463	mg/L	0.0095705	0.473463	mg/L	0.0095705	2.02%
Cadmiumt	26876.9	0.471890	mg/L	0.0024717	0.471890	mg/L	0.0024717	0.52%
Calciumt	6628317.4	57.6652	mg/L	1.18737	57.6652	mg/L	1.18737	2.06%
Chromiumt	65491.4	0.744925	mg/L	0.0056232	0.744925	mg/L	0.0056232	0.75%
Cobaltt	23919.5	0.512481	mg/L	0.0028616	0.512481	mg/L	0.0028616	0.56%
Coppert	67139.9	0.581842	mg/L	0.0058776	0.581842	mg/L	0.0058776	1.01%
Iront	3455572.1	216.774	mg/L	4.7299	216.774	mg/L	4.7299	2.18%
Leadt	12663.8	0.808938	mg/L	0.0025294	0.808938	mg/L	0.0025294	0.31%
Magnesiumt	1110964.7	60.2618	mg/L	1.00624	60.2618	mg/L	1.00624	1.67%
Manganeset	537231.7	1.14290	mg/L	0.008459	1.14290	mg/L	0.008459	0.74%
Molybdenumt	8846.3	0.491574	mg/L	0.0193528	0.491574	mg/L	0.0193528	3.94%
Nickelt	29822.5	0.538100	mg/L	0.0068901	0.538100	mg/L	0.0068901	1.28%
Potassiumt	623741.1	2168.00	mg/L	48.609	2168.00	mg/L	48.609	2.24%
Seleniumt	936.4	0.466045	mg/L	0.0013838	0.466045	mg/L	0.0013838	0.30%
Silvert	11606.2	0.0805018	mg/L	0.00024367	0.0805018	mg/L	0.00024367	0.30%
Sodiumt	45524.5	46.8966	mg/L	0.27230	46.8966	mg/L	0.27230	0.58%
Thalliumt	918.6	0.493543	mg/L	0.0028775	0.493543	mg/L	0.0028775	0.58%
Tint	2375.7	0.478062	mg/L	0.0008958	0.478062	mg/L	0.0008958	0.19%
Titaniumt	1634385.0	2.41818	mg/L	0.060840	2.41818	mg/L	0.060840	2.52%
Vanadiumt	124984.8	0.851380	mg/L	0.0086837	0.851380	mg/L	0.0086837	1.02%
Zinct	24856.1	0.832636	mg/L	0.0054965	0.832636	mg/L	0.0054965	0.66%

Sequence No.: 54
Sample ID: 45887-001 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 7/22/2009 3:55:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45887-001 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	976441.0	105	%	0.8				0.74%
Yittrium	448086.5	110	%	0.6				0.52%
Aluminumt	2148764.8	86.7177	mg/L	1.71795	86.7177	mg/L	1.71795	1.98%
Antimonyt	1042.7	0.352158	mg/L	0.0028894	0.352158	mg/L	0.0028894	0.82%
Arsenict	707.8	0.514683	mg/L	0.0065204	0.514683	mg/L	0.0065204	1.27%
Bariumt	90952.3	0.656869	mg/L	0.0054820	0.656869	mg/L	0.0054820	0.83%
Berylliumt	1476863.5	0.467914	mg/L	0.0092632	0.467914	mg/L	0.0092632	1.98%
Cadmiumt	26189.2	0.460005	mg/L	0.0060355	0.460005	mg/L	0.0060355	1.31%
Calciumt	6585960.2	57.2967	mg/L	1.10798	57.2967	mg/L	1.10798	1.93%
Chromiumt	64047.6	0.728514	mg/L	0.0032634	0.728514	mg/L	0.0032634	0.45%
Cobaltt	23424.3	0.501635	mg/L	0.0062747	0.501635	mg/L	0.0062747	1.25%
Coppert	63901.3	0.553776	mg/L	0.0046441	0.553776	mg/L	0.0046441	0.84%
Iront	3249010.1	203.816	mg/L	4.5901	203.816	mg/L	4.5901	2.25%
Leadt	10357.4	0.654326	mg/L	0.0079360	0.654326	mg/L	0.0079360	1.21%
Magnesiumt	1116977.4	60.5880	mg/L	1.14137	60.5880	mg/L	1.14137	1.88%
Manganeset	547098.0	1.16389	mg/L	0.006996	1.16389	mg/L	0.006996	0.60%
Molybdenumt	8679.0	0.482883	mg/L	0.0199704	0.482883	mg/L	0.0199704	4.14%
Nickelt	29087.2	0.524575	mg/L	0.0013210	0.524575	mg/L	0.0013210	0.25%
Potassiumt	581688.1	2021.82	mg/L	53.113	2021.82	mg/L	53.113	2.63%
Seleniumt	895.2	0.445758	mg/L	0.0111675	0.445758	mg/L	0.0111675	2.51%
Silvert	11817.2	0.0802748	mg/L	0.00039023	0.0802748	mg/L	0.00039023	0.49%
Sodiumt	44037.7	45.4320	mg/L	0.55956	45.4320	mg/L	0.55956	1.23%
Thalliumt	897.2	0.482754	mg/L	0.0166755	0.482754	mg/L	0.0166755	3.45%
Tint	2330.0	0.467536	mg/L	0.0055844	0.467536	mg/L	0.0055844	1.19%
Titaniumt	1674373.4	2.47734	mg/L	0.052487	2.47734	mg/L	0.052487	2.12%
Vanadiumt	121070.6	0.824954	mg/L	0.0080666	0.824954	mg/L	0.0080666	0.98%
Zinct	23174.0	0.776344	mg/L	0.0112427	0.776344	mg/L	0.0112427	1.45%

Sequence No.: 55 **Autosampler Location: 46**
Sample ID: 45887-001 PS **Date Collected: 7/22/2009 4:00:53 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45887-001 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	972038.1	104	%	0.4				0.37%
Yittrium	449339.0	110	%	0.5				0.43%
Aluminumt	1713509.6	69.1503	mg/L	1.61622	69.1503	mg/L	1.61622	2.34%
Antimonyt	1419.0	0.482506	mg/L	0.0024529	0.482506	mg/L	0.0024529	0.51%
Arsenict	743.9	0.543128	mg/L	0.0028778	0.543128	mg/L	0.0028778	0.53%
Bariumt	90203.2	0.651899	mg/L	0.0096345	0.651899	mg/L	0.0096345	1.48%
Berylliumt	1506627.2	0.477644	mg/L	0.0106793	0.477644	mg/L	0.0106793	2.24%
Cadmiumt	26906.7	0.473003	mg/L	0.0046561	0.473003	mg/L	0.0046561	0.98%
Calciumt	7312497.5	63.6175	mg/L	1.40335	63.6175	mg/L	1.40335	2.21%
Chromiumt	61139.6	0.695768	mg/L	0.0085834	0.695768	mg/L	0.0085834	1.23%
Cobaltt	23899.0	0.512784	mg/L	0.0039248	0.512784	mg/L	0.0039248	0.77%
Coppert	65909.0	0.571176	mg/L	0.0083599	0.571176	mg/L	0.0083599	1.46%
Iront	3091091.9	193.910	mg/L	4.2328	193.910	mg/L	4.2328	2.18%
Leadt	11309.2	0.730514	mg/L	0.0068729	0.730514	mg/L	0.0068729	0.94%
Magnesiumt	1131140.9	61.3562	mg/L	1.12478	61.3562	mg/L	1.12478	1.83%
Manganeset	562881.0	1.19747	mg/L	0.018085	1.19747	mg/L	0.018085	1.51%
Molybdenumt	9079.7	0.504674	mg/L	0.0198085	0.504674	mg/L	0.0198085	3.93%
Nickelt	29735.1	0.535777	mg/L	0.0065560	0.535777	mg/L	0.0065560	1.22%
Potassiumt	553093.6	1922.43	mg/L	40.154	1922.43	mg/L	40.154	2.09%
Seleniumt	941.9	0.469796	mg/L	0.0075270	0.469796	mg/L	0.0075270	1.60%
Silvert	11352.9	0.0769307	mg/L	0.00048922	0.0769307	mg/L	0.00048922	0.64%
Sodiumt	45887.7	47.1452	mg/L	0.57588	47.1452	mg/L	0.57588	1.22%
Thalliumt	935.7	0.498310	mg/L	0.0025159	0.498310	mg/L	0.0025159	0.50%
Tint	2454.2	0.489315	mg/L	0.0046020	0.489315	mg/L	0.0046020	0.94%
Titaniumt	1424261.8	2.10729	mg/L	0.051695	2.10729	mg/L	0.051695	2.45%
Vanadiumt	117065.6	0.797887	mg/L	0.0144083	0.797887	mg/L	0.0144083	1.81%
Zinct	24077.4	0.805913	mg/L	0.0059673	0.805913	mg/L	0.0059673	0.74%

Sequence No.: 56
Sample ID: 45887-001 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 7/22/2009 4:05:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45887-001 SD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	970865.3	104	%	0.6				0.54%
Yittrium	426558.5	105	%	0.6				0.59%
Aluminumt	328343.4	13.2520	mg/L	0.36461	13.2520	mg/L	0.36461	2.75%
Antimonyt	7.3	0.0002400	mg/L	0.00041461	0.0002400	mg/L	0.00041461	172.77%
Arsenict	21.5	0.0144761	mg/L	0.00231837	0.0144761	mg/L	0.00231837	16.02%
Bariumt	4963.7	0.0351779	mg/L	0.00025344	0.0351779	mg/L	0.00025344	0.72%
Berylliumt	3350.9	0.0008231	mg/L	0.00003777	0.0008231	mg/L	0.00003777	4.59%
Cadmiumt	41.6	-0.0002919	mg/L	0.00005615	-0.0002919	mg/L	0.00005615	19.23%
Calciumt	395780.6	3.44322	mg/L	0.098234	3.44322	mg/L	0.098234	2.85%
Chromiumt	4040.2	0.0457582	mg/L	0.00044932	0.0457582	mg/L	0.00044932	0.98%
Cobaltt	328.9	0.0063588	mg/L	0.00024599	0.0063588	mg/L	0.00024599	3.87%
Coppert	1961.3	0.0169967	mg/L	0.00204295	0.0169967	mg/L	0.00204295	12.02%
Iront	643423.2	40.3631	mg/L	1.39628	40.3631	mg/L	1.39628	3.46%
Leadt	909.9	0.0534142	mg/L	0.00082801	0.0534142	mg/L	0.00082801	1.55%
Magnesiumt	54718.8	2.96810	mg/L	0.085228	2.96810	mg/L	0.085228	2.87%
Manganeset	71660.2	0.152450	mg/L	0.0044779	0.152450	mg/L	0.0044779	2.94%
Molybdenumt	75.0	0.0031277	mg/L	0.00036250	0.0031277	mg/L	0.00036250	11.59%
Nickelt	641.3	0.0127837	mg/L	0.00035696	0.0127837	mg/L	0.00035696	2.79%
Potassiumt	102490.7	356.247	mg/L	15.9901	356.247	mg/L	15.9901	4.49%
Seleniumt	-10.5	-0.0061858	mg/L	0.00074160	-0.0061858	mg/L	0.00074160	11.99%
Silvert	-902.0	-0.0005328	mg/L	0.00017073	-0.0005328	mg/L	0.00017073	32.04%
Sodiumt	253.1	0.372739	mg/L	0.0885359	0.372739	mg/L	0.0885359	23.75%
Thalliumt	-6.3	0.0018487	mg/L	0.00252823	0.0018487	mg/L	0.00252823	136.76%
Tint	-8.1	0.0035276	mg/L	0.00036829	0.0035276	mg/L	0.00036829	10.44%
Titaniumt	229618.0	0.339734	mg/L	0.0090484	0.339734	mg/L	0.0090484	2.66%
Vanadiumt	9807.0	0.0656227	mg/L	0.00284999	0.0656227	mg/L	0.00284999	4.34%
Zinct	2184.2	0.0729070	mg/L	0.00033306	0.0729070	mg/L	0.00033306	0.46%

Sequence No.: 57
Sample ID: CCV V-68336
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/22/2009 4:09:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	947632.7	102	%	0.3				0.31%
Yittrium	399038.5	98.0	%	0.19				0.20%
Aluminumt	123258.1	4.96738	mg/L	0.116276	4.96738	mg/L	0.116276	2.34%
Antimonyt	1449.8	0.503855	mg/L	0.0029389	0.503855	mg/L	0.0029389	0.58%
Arsenict	666.3	0.492660	mg/L	0.0057736	0.492660	mg/L	0.0057736	1.17%
Bariumt	69042.5	0.502368	mg/L	0.0116161	0.502368	mg/L	0.0116161	2.31%
Berylliumt	1584934.3	0.503698	mg/L	0.0154692	0.503698	mg/L	0.0154692	3.07%
Cadmiumt	28210.6	0.500989	mg/L	0.0034233	0.500989	mg/L	0.0034233	0.68%
Calciumt	5812175.5	50.5649	mg/L	1.43287	50.5649	mg/L	1.43287	2.83%
Chromiumt	44068.6	0.502466	mg/L	0.0099225	0.502466	mg/L	0.0099225	1.97%
Cobaltt	23342.5	0.504294	mg/L	0.0039252	0.504294	mg/L	0.0039252	0.78%
Coppert	57108.9	0.494912	mg/L	0.0092359	0.494912	mg/L	0.0092359	1.87%
Iront	80800.5	5.06877	mg/L	0.130500	5.06877	mg/L	0.130500	2.57%
Leadt	7429.3	0.507844	mg/L	0.0040513	0.507844	mg/L	0.0040513	0.80%
Magnesiumt	932085.6	50.5589	mg/L	1.32653	50.5589	mg/L	1.32653	2.62%
Manganeset	236695.7	0.503545	mg/L	0.0100954	0.503545	mg/L	0.0100954	2.00%
Molybdenumt	8860.4	0.496664	mg/L	0.0232584	0.496664	mg/L	0.0232584	4.68%
Nickelt	28174.2	0.501570	mg/L	0.0123341	0.501570	mg/L	0.0123341	2.46%
Potassiumt	9627.2	33.3557	mg/L	4.03305	33.3557	mg/L	4.03305	12.09%
Seleniumt	992.5	0.499649	mg/L	0.0164493	0.499649	mg/L	0.0164493	3.29%
Silvert	19270.0	0.0981573	mg/L	0.00115576	0.0981573	mg/L	0.00115576	1.18%
Sodiumt	47102.7	47.8117	mg/L	1.14435	47.8117	mg/L	1.14435	2.39%
Thalliumt	1016.7	0.515295	mg/L	0.0003856	0.515295	mg/L	0.0003856	0.07%
Tint	2650.2	0.502800	mg/L	0.0014618	0.502800	mg/L	0.0014618	0.29%
Titaniumt	335250.1	0.496024	mg/L	0.0100272	0.496024	mg/L	0.0100272	2.02%
Vanadiumt	72101.7	0.497124	mg/L	0.0107543	0.497124	mg/L	0.0107543	2.16%
Zinct	15122.3	0.507067	mg/L	0.0033657	0.507067	mg/L	0.0033657	0.66%

Sequence No.: 58
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/22/2009 4:14:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Scanadium	963953.9	103	%	1.3				1.26%
Yittrium	420710.2	103	%	1.2				1.20%
Aluminumt	173.7	0.0069404	mg/L	0.00178911	0.0069404	mg/L	0.00178911	25.78%
Antimonyt	-10.0	-0.0034660	mg/L	0.00157482	-0.0034660	mg/L	0.00157482	45.44%
Arsenict	1.0	0.0007145	mg/L	0.00018565	0.0007145	mg/L	0.00018565	25.98%
Bariumt	19.9	0.0001448	mg/L	0.00040697	0.0001448	mg/L	0.00040697	281.12%
Berylliumt	218.2	0.0000690	mg/L	0.00003727	0.0000690	mg/L	0.00003727	54.00%
Cadmiumt	-8.3	-0.0001470	mg/L	0.00027587	-0.0001470	mg/L	0.00027587	187.61%
Calciumt	-750.5	-0.0065296	mg/L	0.00429480	-0.0065296	mg/L	0.00429480	65.77%
Chromiumt	-24.6	-0.0002422	mg/L	0.00009784	-0.0002422	mg/L	0.00009784	40.40%
Cobaltt	-27.4	-0.0005715	mg/L	0.00046378	-0.0005715	mg/L	0.00046378	81.16%
Coppert	-132.5	-0.0011482	mg/L	0.00128647	-0.0011482	mg/L	0.00128647	112.04%
Iront	245.9	0.0154246	mg/L	0.00145172	0.0154246	mg/L	0.00145172	9.41%
Leadt	6.5	0.0004516	mg/L	0.00007545	0.0004516	mg/L	0.00007545	16.71%
Magnesiumt	482.7	0.0261851	mg/L	0.00781772	0.0261851	mg/L	0.00781772	29.86%
Manganeset	173.0	0.0003681	mg/L	0.00001568	0.0003681	mg/L	0.00001568	4.26%
Molybdenumt	86.2	0.0049196	mg/L	0.00093559	0.0049196	mg/L	0.00093559	19.02%
Nickelt	-5.7	-0.0000963	mg/L	0.00071628	-0.0000963	mg/L	0.00071628	743.78%
Potassiumt	-4032.3	-14.0184	mg/L	4.33361	-14.0184	mg/L	4.33361	30.91%
Seleniumt	-22.1	-0.0110509	mg/L	0.00919752	-0.0110509	mg/L	0.00919752	83.23%
Silvert	-44.8	-0.0002256	mg/L	0.00020274	-0.0002256	mg/L	0.00020274	89.86%
Sodiumt	36.5	0.0369219	mg/L	0.05889578	0.0369219	mg/L	0.05889578	159.51%
Thalliumt	10.5	0.0052831	mg/L	0.00114587	0.0052831	mg/L	0.00114587	21.69%
Tint	-12.1	-0.0023209	mg/L	0.00217595	-0.0023209	mg/L	0.00217595	93.76%
Titaniumt	369.8	0.0005471	mg/L	0.00000479	0.0005471	mg/L	0.00000479	0.87%
Vanadiumt	-110.3	-0.0007399	mg/L	0.00034058	-0.0007399	mg/L	0.00034058	46.03%
Zinct	33.4	0.0011208	mg/L	0.00136254	0.0011208	mg/L	0.00136254	121.57%

Sequence No.: 59
Sample ID: 45872-001 NOT USED
Analyst:
Initial Sample Wt: MISSED CUP
Dilution: SB 7/22

Autosampler Location: 48
Date Collected: 7/22/2009 4:17:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45872-001

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	1522987.5	163	%	3.3				2.01%
Yittrium	548675.2	135	%	8.7				6.48%
Aluminumt	-5370.7	-0.216774	mg/L	0.0067734	-0.216774	mg/L	0.0067734	3.12%
Antimonyt	-87.8	-0.0304434	mg/L	0.00142378	-0.0304434	mg/L	0.00142378	4.68%
Arsenict	-34.8	-0.0258668	mg/L	0.00062991	-0.0258668	mg/L	0.00062991	2.44%
Bariumt	206.5	0.0015031	mg/L	0.00022352	0.0015031	mg/L	0.00022352	14.87%
Berylliumt	3172.7	0.0010095	mg/L	0.00001513	0.0010095	mg/L	0.00001513	1.50%
Cadmiumt	-375.8	-0.0066815	mg/L	0.00027131	-0.0066815	mg/L	0.00027131	4.06%
Calciumt	9594.8	0.0834728	mg/L	0.00114097	0.0834728	mg/L	0.00114097	1.37%
Chromiumt	-662.0	-0.0074879	mg/L	0.00011668	-0.0074879	mg/L	0.00011668	1.56%
Cobaltt	-158.3	-0.0034071	mg/L	0.00027288	-0.0034071	mg/L	0.00027288	8.01%
Coppert	-2315.1	-0.0200631	mg/L	0.00129175	-0.0200631	mg/L	0.00129175	6.44%
Iront	3416.2	0.214305	mg/L	0.0013323	0.214305	mg/L	0.0013323	0.62%
Leadt	57.8	0.0040767	mg/L	0.00068428	0.0040767	mg/L	0.00068428	16.79%
Magnesiumt	11169.4	0.605858	mg/L	0.0188089	0.605858	mg/L	0.0188089	3.10%
Manganeset	3291.8	0.0070029	mg/L	0.00008853	0.0070029	mg/L	0.00008853	1.26%
Molybdenumt	12.3	0.0001110	mg/L	0.00034106	0.0001110	mg/L	0.00034106	307.13%
Nickelt	548.1	0.0097553	mg/L	0.00027178	0.0097553	mg/L	0.00027178	2.79%
Potassiumt	-83635.8	-290.760	mg/L	9.8280	-290.760	mg/L	9.8280	3.38%
Seleniumt	-16.5	-0.0082418	mg/L	0.00273339	-0.0082418	mg/L	0.00273339	33.16%
Silvert	-565.4	-0.0028436	mg/L	0.00013742	-0.0028436	mg/L	0.00013742	4.83%
Sodiumt	950.6	0.952475	mg/L	0.0483341	0.952475	mg/L	0.0483341	5.07%
Thalliumt	63.8	0.0319120	mg/L	0.00122050	0.0319120	mg/L	0.00122050	3.82%
Tint	-20.9	-0.0040048	mg/L	0.00077634	-0.0040048	mg/L	0.00077634	19.39%
Titaniumt	-491.1	-0.0007266	mg/L	0.00013015	-0.0007266	mg/L	0.00013015	17.91%
Vanadiumt	-3522.8	-0.0243065	mg/L	0.00042721	-0.0243065	mg/L	0.00042721	1.76%
Zinct	1017.5	0.0340975	mg/L	0.00045141	0.0340975	mg/L	0.00045141	1.32%

Sequence No.: 60
Sample ID: 45836-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 7/22/2009 4:21:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45836-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	967243.6	104	%	1.5				1.43%
Yittrium	489181.6	120	%	2.1				1.75%
Aluminumt	1398509.2	56.4440	mg/L	0.54456	56.4440	mg/L	0.54456	0.96%
Antimonyt	132.6	0.0386239	mg/L	0.00213451	0.0386239	mg/L	0.00213451	5.53%
Arsenict	183.6	0.126366	mg/L	0.0025256	0.126366	mg/L	0.0025256	2.00%
Bariumt	1310504.6	9.53383	mg/L	0.084540	9.53383	mg/L	0.084540	0.89%
Berylliumt	16281.0	0.0029022	mg/L	0.00000816	0.0029022	mg/L	0.00000816	0.28%
Cadmiumt	606.1	0.0049775	mg/L	0.00007796	0.0049775	mg/L	0.00007796	1.57%
Calciumt	9653831.2	83.9866	mg/L	0.09582	83.9866	mg/L	0.09582	0.11%
Chromiumt	23020.7	0.260742	mg/L	0.0027873	0.260742	mg/L	0.0027873	1.07%
Cobaltt	6308.2	0.129064	mg/L	0.0025043	0.129064	mg/L	0.0025043	1.94%
Coppert	184242.5	1.59667	mg/L	0.016927	1.59667	mg/L	0.016927	1.06%
Iront	3612554.6	226.622	mg/L	2.5117	226.622	mg/L	2.5117	1.11%
Leadt	54554.6	3.68944	mg/L	0.033185	3.68944	mg/L	0.033185	0.90%
Magnesiumt	599108.4	32.4973	mg/L	0.25536	32.4973	mg/L	0.25536	0.79%
Manganeset	3807607.8	8.10029	mg/L	0.033443	8.10029	mg/L	0.033443	0.41%
Molybdenumt	461.3	-0.0174445	mg/L	0.00085127	-0.0174445	mg/L	0.00085127	4.88%
Nickelt	52971.5	0.949730	mg/L	0.0102694	0.949730	mg/L	0.0102694	1.08%
Potassiumt	638065.8	2217.82	mg/L	18.587	2217.82	mg/L	18.587	0.84%
Seleniumt	-8.1	-0.0056510	mg/L	0.00191873	-0.0056510	mg/L	0.00191873	33.95%
Silvert	-3653.0	0.0041613	mg/L	0.00003315	0.0041613	mg/L	0.00003315	0.80%
Sodiumt	18946.6	19.7359	mg/L	0.07572	19.7359	mg/L	0.07572	0.38%
Thalliumt	-102.6	-0.0018103	mg/L	0.00067331	-0.0018103	mg/L	0.00067331	37.19%
Tint	1341.4	0.277092	mg/L	0.0044536	0.277092	mg/L	0.0044536	1.61%
Titaniumt	2153955.6	3.18691	mg/L	0.031437	3.18691	mg/L	0.031437	0.99%
Vanadiumt	30173.9	0.196373	mg/L	0.0011603	0.196373	mg/L	0.0011603	0.59%
Zinct	71057.0	2.37883	mg/L	0.025026	2.37883	mg/L	0.025026	1.05%

Sequence No.: 61 **Autosampler Location: 50**
Sample ID: 45891-001 **Date Collected: 7/22/2009 4:26:06 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45891-001

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	990290.5	106	%	0.2				0.17%
Yittrium	489920.4	120	%	0.1				0.09%
Aluminumt	2601988.1	105.017	mg/L	2.1928	105.017	mg/L	2.1928	2.09%
Antimonyt	56.9	0.0037097	mg/L	0.00070287	0.0037097	mg/L	0.00070287	18.95%
Arsenict	76.9	0.0436603	mg/L	0.00092482	0.0436603	mg/L	0.00092482	2.12%
Bariumt	115474.1	0.832899	mg/L	0.0057838	0.832899	mg/L	0.0057838	0.69%
Berylliumt	24495.4	0.0054269	mg/L	0.00002548	0.0054269	mg/L	0.00002548	0.47%
Cadmiumt	285.1	-0.0031993	mg/L	0.00002176	-0.0031993	mg/L	0.00002176	0.68%
Calciumt	2873119.1	24.9956	mg/L	0.48054	24.9956	mg/L	0.48054	1.92%
Chromiumt	19577.7	0.221644	mg/L	0.0013799	0.221644	mg/L	0.0013799	0.62%
Cobaltt	6248.4	0.127427	mg/L	0.0007052	0.127427	mg/L	0.0007052	0.55%
Coppert	18701.9	0.162073	mg/L	0.0014360	0.162073	mg/L	0.0014360	0.89%
Iront	5156407.5	323.471	mg/L	6.8719	323.471	mg/L	6.8719	2.12%
Leadt	5640.6	0.315447	mg/L	0.0017238	0.315447	mg/L	0.0017238	0.55%
Magnesiumt	1071047.6	58.0966	mg/L	1.06897	58.0966	mg/L	1.06897	1.84%
Manganeset	1992456.9	4.23874	mg/L	0.083684	4.23874	mg/L	0.083684	1.97%
Molybdenumt	148.4	-0.0035394	mg/L	0.00049006	-0.0035394	mg/L	0.00049006	13.85%
Nickelt	14600.0	0.270666	mg/L	0.0020142	0.270666	mg/L	0.0020142	0.74%
Potassiumt	921692.8	3203.73	mg/L	51.176	3203.73	mg/L	51.176	1.60%
Seleniumt	3.0	-0.0055536	mg/L	0.00135830	-0.0055536	mg/L	0.00135830	24.46%
Silvert	-7278.7	-0.0045227	mg/L	0.00063356	-0.0045227	mg/L	0.00063356	14.01%
Sodiumt	3802.1	4.97438	mg/L	0.072498	4.97438	mg/L	0.072498	1.46%
Thalliumt	-93.9	0.0020975	mg/L	0.00559683	0.0020975	mg/L	0.00559683	266.84%
Tint	-72.6	0.0271707	mg/L	0.00022614	0.0271707	mg/L	0.00022614	0.83%
Titaniumt	2236975.1	3.30975	mg/L	0.071760	3.30975	mg/L	0.071760	2.17%
Vanadiumt	34188.5	0.218553	mg/L	0.0016441	0.218553	mg/L	0.0016441	0.75%
Zinct	22334.7	0.746533	mg/L	0.0013840	0.746533	mg/L	0.0013840	0.19%

Sequence No.: 62
Sample ID: 45872-001
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 7/22/2009 4:31:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45872-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	985382.5	106	%	1.8				1.69%
Yittrium	513718.9	126	%	2.0				1.55%
Aluminumt	1784761.3	72.0336	mg/L	0.40065	72.0336	mg/L	0.40065	0.56%
Antimonyt	10.9	-0.0033693	mg/L	0.00053581	-0.0033693	mg/L	0.00053581	15.90%
Arsenict	41.9	0.0220812	mg/L	0.00266557	0.0220812	mg/L	0.00266557	12.07%
Bariumt	34724.1	0.248335	mg/L	0.0012942	0.248335	mg/L	0.0012942	0.52%
Berylliumt	13490.7	0.0026129	mg/L	0.00001728	0.0026129	mg/L	0.00001728	0.66%
Cadmiumt	155.3	-0.0017580	mg/L	0.00020289	-0.0017580	mg/L	0.00020289	11.54%
Calciumt	1202910.2	10.4651	mg/L	0.07088	10.4651	mg/L	0.07088	0.68%
Chromiumt	10059.6	0.113879	mg/L	0.0007535	0.113879	mg/L	0.0007535	0.66%
Cobaltt	3146.5	0.0626561	mg/L	0.00145754	0.0626561	mg/L	0.00145754	2.33%
Coppert	21473.1	0.186088	mg/L	0.0003071	0.186088	mg/L	0.0003071	0.17%
Iront	2818557.2	176.813	mg/L	1.1741	176.813	mg/L	1.1741	0.66%
Leadt	2510.8	0.124247	mg/L	0.0029415	0.124247	mg/L	0.0029415	2.37%
Magnesiumt	529435.7	28.7181	mg/L	0.19959	28.7181	mg/L	0.19959	0.70%
Manganeset	1174654.9	2.49896	mg/L	0.009719	2.49896	mg/L	0.009719	0.39%
Molybdenumt	57.8	-0.0041616	mg/L	0.00005862	-0.0041616	mg/L	0.00005862	1.41%
Nickelt	6886.0	0.128484	mg/L	0.0010306	0.128484	mg/L	0.0010306	0.80%
Potassiumt	481879.7	1674.96	mg/L	3.437	1674.96	mg/L	3.437	0.21%
Seleniumt	-6.4	-0.0073529	mg/L	0.00778789	-0.0073529	mg/L	0.00778789	105.92%
Silvert	-4038.1	-0.0027735	mg/L	0.00052947	-0.0027735	mg/L	0.00052947	19.09%
Sodiumt	210.7	1.02210	mg/L	0.072655	1.02210	mg/L	0.072655	7.11%
Thalliumt	-69.3	-0.0027890	mg/L	0.00137422	-0.0027890	mg/L	0.00137422	49.27%
Tint	-68.8	0.0095186	mg/L	0.00023999	0.0095186	mg/L	0.00023999	2.52%
Titaniumt	1587890.7	2.34938	mg/L	0.016894	2.34938	mg/L	0.016894	0.72%
Vanadiumt	30871.6	0.203531	mg/L	0.0010744	0.203531	mg/L	0.0010744	0.53%
Zinct	14534.9	0.486799	mg/L	0.0040722	0.486799	mg/L	0.0040722	0.84%

Sequence No.: 63 **Autosampler Location:** 51
Sample ID: 45850-001 **Date Collected:** 7/22/2009 4:35:45 PM
Analyst: **Data Type:** Original
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 45850-001

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1067159.2	115	%	0.2				0.16%
Yittrium	723274.1	178	%	0.1				0.05%
Aluminumt	5437585.5	219.463	mg/L	4.0906	219.463	mg/L	4.0906	1.86%
Antimonyt	-32.4	-0.0010075	mg/L	0.00073918	-0.0010075	mg/L	0.00073918	73.37%
Arsenict	86.3	0.0338362	mg/L	0.00019367	0.0338362	mg/L	0.00019367	0.57%
Bariumt	136301.5	0.983590	mg/L	0.0062172	0.983590	mg/L	0.0062172	0.63%
Berylliumt	45380.0	0.0073699	mg/L	0.00003611	0.0073699	mg/L	0.00003611	0.49%
Cadmiumt	213.7	-0.0029279	mg/L	0.00017161	-0.0029279	mg/L	0.00017161	5.86%
Calciumt	2028385.4	17.6466	mg/L	0.14061	17.6466	mg/L	0.14061	0.80%
Chromiumt	38445.6	0.435161	mg/L	0.0021398	0.435161	mg/L	0.0021398	0.49%
Cobaltt	7921.5	0.148937	mg/L	0.0002783	0.148937	mg/L	0.0002783	0.19%
Coppert	17230.0	0.149317	mg/L	0.0000947	0.149317	mg/L	0.0000947	0.06%
Iront	4195997.8	263.223	mg/L	1.5669	263.223	mg/L	1.5669	0.60%
Leadt	4836.2	0.190487	mg/L	0.0016566	0.190487	mg/L	0.0016566	0.87%
Magnesiumt	704132.4	38.1941	mg/L	0.13165	38.1941	mg/L	0.13165	0.34%
Manganeset	2215841.1	4.71397	mg/L	0.017605	4.71397	mg/L	0.017605	0.37%
Molybdenumt	75.5	-0.0012141	mg/L	0.00048371	-0.0012141	mg/L	0.00048371	39.84%
Nickelt	6893.0	0.131555	mg/L	0.0003766	0.131555	mg/L	0.0003766	0.29%
Potassiumt	713969.8	2481.55	mg/L	27.493	2481.55	mg/L	27.493	1.11%
Seleniumt	-0.1	-0.0069782	mg/L	0.00298750	-0.0069782	mg/L	0.00298750	42.81%
Silvert	-6399.9	-0.0060967	mg/L	0.00012081	-0.0060967	mg/L	0.00012081	1.98%
Sodiumt	-4844.4	-0.995453	mg/L	0.0375153	-0.995453	mg/L	0.0375153	3.77%
Thalliumt	-200.2	0.0048580	mg/L	0.00367969	0.0048580	mg/L	0.00367969	75.74%
Tint	-118.9	0.0090636	mg/L	0.00074444	0.0090636	mg/L	0.00074444	8.21%
Titaniumt	6684659.6	9.89038	mg/L	0.179330	9.89038	mg/L	0.179330	1.81%
Vanadiumt	82423.0	0.554458	mg/L	0.0040423	0.554458	mg/L	0.0040423	0.73%
Zinct	15467.7	0.523509	mg/L	0.0005262	0.523509	mg/L	0.0005262	0.10%

Sequence No.: 64
Sample ID: 45649-012
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 7/22/2009 4:40:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45649-012

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Scanadium	1004796.2	108	%	0.1				0.08%
Yittrium	448974.1	110	%	0.2				0.17%
Aluminumt	1216769.7	49.1093	mg/L	1.25826	49.1093	mg/L	1.25826	2.56%
Antimonyt	12.8	0.0019093	mg/L	0.00200722	0.0019093	mg/L	0.00200722	105.13%
Arsenict	37.9	0.0231585	mg/L	0.00158618	0.0231585	mg/L	0.00158618	6.85%
Bariumt	19966.0	0.143334	mg/L	0.0008343	0.143334	mg/L	0.0008343	0.58%
Berylliumt	4370.2	0.0006336	mg/L	0.00000566	0.0006336	mg/L	0.00000566	0.89%
Cadmiumt	84.5	-0.0001296	mg/L	0.00037231	-0.0001296	mg/L	0.00037231	287.34%
Calciumt	382706.6	3.32948	mg/L	0.083312	3.32948	mg/L	0.083312	2.50%
Chromiumt	7157.4	0.0810148	mg/L	0.00019807	0.0810148	mg/L	0.00019807	0.24%
Cobaltt	380.6	0.0058694	mg/L	0.00016184	0.0058694	mg/L	0.00016184	2.76%
Coppert	18731.0	0.162325	mg/L	0.0043230	0.162325	mg/L	0.0043230	2.66%
Iront	1017247.2	63.8138	mg/L	1.73224	63.8138	mg/L	1.73224	2.71%
Leadt	10923.0	0.714961	mg/L	0.0032223	0.714961	mg/L	0.0032223	0.45%
Magnesiumt	42793.2	2.32122	mg/L	0.047076	2.32122	mg/L	0.047076	2.03%
Manganeset	68020.7	0.144707	mg/L	0.0031628	0.144707	mg/L	0.0031628	2.19%
Molybdenumt	16.0	-0.0057997	mg/L	0.00026941	-0.0057997	mg/L	0.00026941	4.65%
Nickelt	1211.5	0.0237214	mg/L	0.00031712	0.0237214	mg/L	0.00031712	1.34%
Potassiumt	159141.4	553.133	mg/L	18.8258	553.133	mg/L	18.8258	3.40%
Seleniumt	-14.8	-0.0091904	mg/L	0.00546691	-0.0091904	mg/L	0.00546691	59.48%
Silvert	-1387.3	-0.0006458	mg/L	0.00004446	-0.0006458	mg/L	0.00004446	6.88%
Sodiumt	473.2	0.771019	mg/L	0.0579532	0.771019	mg/L	0.0579532	7.52%
Thalliumt	-20.6	0.0024096	mg/L	0.00009793	0.0024096	mg/L	0.00009793	4.06%
Tint	117.4	0.0305177	mg/L	0.00051506	0.0305177	mg/L	0.00051506	1.69%
Titaniumt	715807.7	1.05908	mg/L	0.020962	1.05908	mg/L	0.020962	1.98%
Vanadiumt	15112.8	0.101105	mg/L	0.0029753	0.101105	mg/L	0.0029753	2.94%
Zinct	13064.8	0.438904	mg/L	0.0019167	0.438904	mg/L	0.0019167	0.44%

Sequence No.: 65
Sample ID: 45649-014
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 7/22/2009 4:45:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45649-014

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	978522.8	105	%	0.7				0.68%
Yittrium	433451.5	106	%	0.7				0.67%
Aluminumt	1106148.4	44.6445	mg/L	1.16932	44.6445	mg/L	1.16932	2.62%
Antimonyt	37.6	0.0055604	mg/L	0.00181499	0.0055604	mg/L	0.00181499	32.64%
Arsenict	152.2	0.106696	mg/L	0.0004681	0.106696	mg/L	0.0004681	0.44%
Bariumt	77246.3	0.558956	mg/L	0.0138069	0.558956	mg/L	0.0138069	2.47%
Berylliumt	4026.8	0.0003430	mg/L	0.00002662	0.0003430	mg/L	0.00002662	7.76%
Cadmiumt	387.7	0.0032775	mg/L	0.00012576	0.0032775	mg/L	0.00012576	3.84%
Calciumt	562167.9	4.89076	mg/L	0.122235	4.89076	mg/L	0.122235	2.50%
Chromiumt	8493.7	0.0961418	mg/L	0.00072925	0.0961418	mg/L	0.00072925	0.76%
Cobaltt	1013.6	0.0189562	mg/L	0.00019218	0.0189562	mg/L	0.00019218	1.01%
Coppert	30724.8	0.266265	mg/L	0.0066186	0.266265	mg/L	0.0066186	2.49%
Iront	2251610.8	141.248	mg/L	3.7058	141.248	mg/L	3.7058	2.62%
Leadt	144801.2	9.85651	mg/L	0.223352	9.85651	mg/L	0.223352	2.27%
Magnesiumt	132364.0	7.17979	mg/L	0.171811	7.17979	mg/L	0.171811	2.39%
Manganeset	137865.6	0.293295	mg/L	0.0072973	0.293295	mg/L	0.0072973	2.49%
Molybdenumt	22.0	-0.0920880	mg/L	0.00101623	-0.0920880	mg/L	0.00101623	1.10%
Nickelt	7834.3	0.144133	mg/L	0.0014985	0.144133	mg/L	0.0014985	1.04%
Potassiumt	370912.0	1289.27	mg/L	33.912	1289.27	mg/L	33.912	2.63%
Seleniumt	0.9	-0.0031169	mg/L	0.00070503	-0.0031169	mg/L	0.00070503	22.62%
Silvert	-3014.6	-0.0011449	mg/L	0.00004832	-0.0011449	mg/L	0.00004832	4.22%
Sodiumt	6092.1	4.87654	mg/L	0.202956	4.87654	mg/L	0.202956	4.16%
Thalliumt	-36.3	-0.0001432	mg/L	0.00508508	-0.0001432	mg/L	0.00508508	>999.9%
Tint	877.6	0.187691	mg/L	0.0033477	0.187691	mg/L	0.0033477	1.78%
Titaniumt	887517.4	1.31314	mg/L	0.032623	1.31314	mg/L	0.032623	2.48%
Vanadiumt	30758.3	0.205156	mg/L	0.0056403	0.205156	mg/L	0.0056403	2.75%
Zinct	163861.4	5.49187	mg/L	0.132114	5.49187	mg/L	0.132114	2.41%

Sequence No.: 66
Sample ID: 45649-022
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 7/22/2009 4:50:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45649-022

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	980928.0	105	%	1.6				1.49%
Yittrium	432259.2	106	%	1.6				1.51%
Aluminumt	356341.5	14.3820	mg/L	0.40046	14.3820	mg/L	0.40046	2.78%
Antimonyt	-4.6	0.0001495	mg/L	0.00414112	0.0001495	mg/L	0.00414112	>999.9%
Arsenict	147.3	0.106345	mg/L	0.0045613	0.106345	mg/L	0.0045613	4.29%
Bariumt	11015.6	0.0793106	mg/L	0.00213224	0.0793106	mg/L	0.00213224	2.69%
Berylliumt	3438.0	0.0001749	mg/L	0.00002968	0.0001749	mg/L	0.00002968	16.97%
Cadmiumt	233.4	0.0032610	mg/L	0.00034263	0.0032610	mg/L	0.00034263	10.51%
Calciumt	222512.9	1.93582	mg/L	0.054972	1.93582	mg/L	0.054972	2.84%
Chromiumt	4632.5	0.0524559	mg/L	0.00138845	0.0524559	mg/L	0.00138845	2.65%
Cobaltt	333.7	0.0043654	mg/L	0.00003552	0.0043654	mg/L	0.00003552	0.81%
Coppert	2237.8	0.0193929	mg/L	0.00025335	0.0193929	mg/L	0.00025335	1.31%
Iront	552184.5	34.6396	mg/L	0.87624	34.6396	mg/L	0.87624	2.53%
Leadt	1402.7	0.0859555	mg/L	0.00239198	0.0859555	mg/L	0.00239198	2.78%
Magnesiumt	77922.6	4.22674	mg/L	0.088005	4.22674	mg/L	0.088005	2.08%
Manganeset	57569.2	0.122472	mg/L	0.0028066	0.122472	mg/L	0.0028066	2.29%
Molybdenumt	59.3	0.0021104	mg/L	0.00058129	0.0021104	mg/L	0.00058129	27.54%
Nickelt	717.0	0.0139332	mg/L	0.00008144	0.0139332	mg/L	0.00008144	0.58%
Potassiumt	83024.2	288.576	mg/L	11.9239	288.576	mg/L	11.9239	4.13%
Seleniumt	-10.8	-0.0062655	mg/L	0.00617794	-0.0062655	mg/L	0.00617794	98.60%
Silvert	-800.8	-0.0005923	mg/L	0.00001546	-0.0005923	mg/L	0.00001546	2.61%
Sodiumt	-71.6	0.430845	mg/L	0.1065755	0.430845	mg/L	0.1065755	24.74%
Thalliumt	-25.7	-0.0001574	mg/L	0.00036421	-0.0001574	mg/L	0.00036421	231.42%
Tint	1.5	0.0047668	mg/L	0.00049433	0.0047668	mg/L	0.00049433	10.37%
Titaniumt	869431.1	1.28638	mg/L	0.036855	1.28638	mg/L	0.036855	2.87%
Vanadiumt	8084.5	0.0539697	mg/L	0.00224737	0.0539697	mg/L	0.00224737	4.16%
Zinct	2562.1	0.0858000	mg/L	0.00234970	0.0858000	mg/L	0.00234970	2.74%

Sequence No.: 67 **Autosampler Location: 7**
Sample ID: ICSA V-68333 **Date Collected: 7/22/2009 4:53:31 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	890502.5	95.6	%	0.55				0.57%
Yittrium	380923.0	93.5	%	0.41				0.44%
Aluminumt	12127856.8	489.484	mg/L	4.7951	489.484	mg/L	4.7951	0.98%
QC value within limits for Aluminum Recovery = 97.90%								
Antimonyt	88.6	-0.0005748	mg/L	0.00512630	-0.0005748	mg/L	0.00512630	891.90%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	48.1	-0.0027643	mg/L	0.00187404	-0.0027643	mg/L	0.00187404	67.79%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	1347.0	-0.0022521	mg/L	0.00008368	-0.0022521	mg/L	0.00008368	3.72%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	-2250.6	-0.0007186	mg/L	0.00004584	-0.0007186	mg/L	0.00004584	6.38%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	161.4	-0.0022225	mg/L	0.00025868	-0.0022225	mg/L	0.00025868	11.64%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	54278161.5	472.211	mg/L	3.8985	472.211	mg/L	3.8985	0.83%
QC value within limits for Calcium Recovery = 94.44%								
Chromiumt	-352.7	-0.0038755	mg/L	0.00006460	-0.0038755	mg/L	0.00006460	1.67%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-184.9	-0.0039275	mg/L	0.00063010	-0.0039275	mg/L	0.00063010	16.04%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-289.1	-0.0025050	mg/L	0.00025910	-0.0025050	mg/L	0.00025910	10.34%
QC value within limits for Copper Recovery = Not calculated								
Iront	3175813.0	199.225	mg/L	1.2443	199.225	mg/L	1.2443	0.62%
QC value within limits for Iron Recovery = 99.61%								
Leadt	3915.6	-0.0012440	mg/L	0.00034682	-0.0012440	mg/L	0.00034682	27.88%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	9348917.4	507.111	mg/L	4.2979	507.111	mg/L	4.2979	0.85%
QC value within limits for Magnesium Recovery = 101.42%								
Manganeset	-3231.1	-0.0068739	mg/L	0.00003567	-0.0068739	mg/L	0.00003567	0.52%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	278.4	0.0021183	mg/L	0.00116097	0.0021183	mg/L	0.00116097	54.81%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	-182.5	0.0035603	mg/L	0.00018678	0.0035603	mg/L	0.00018678	5.25%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	580022.8	2014.77	mg/L	2.009	2014.77	mg/L	2.009	0.10%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Seleniumt	-60.7	-0.0116221	mg/L	0.00877858	-0.0116221	mg/L	0.00877858	75.53%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	-4076.3	-0.0007247	mg/L	0.00021929	-0.0007247	mg/L	0.00021929	30.26%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	132.0	0.144810	mg/L	0.0050477	0.144810	mg/L	0.0050477	3.49%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	-51.0	0.0011268	mg/L	0.00364091	0.0011268	mg/L	0.00364091	323.13%
QC value within limits for Thallium Recovery = Not calculated								
Tint	214.9	-0.0081167	mg/L	0.00119758	-0.0081167	mg/L	0.00119758	14.75%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	2680.5	0.0039660	mg/L	0.00005023	0.0039660	mg/L	0.00005023	1.27%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	4655.2	0.0050211	mg/L	0.00134749	0.0050211	mg/L	0.00134749	26.84%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	-823.8	-0.0071314	mg/L	0.00061489	-0.0071314	mg/L	0.00061489	8.62%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 68
Sample ID: ICSAB V-68334
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/22/2009 4:58:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	884674.5	95.0	%	0.35				0.37%
Yittrium	378324.3	92.9	%	0.17				0.19%
Aluminum†	12491168.6	504.148	mg/L	7.6065	504.148	mg/L	7.6065	1.51%
QC value within limits for Aluminum Recovery = 100.83%								
Antimony†	3043.9	1.02294	mg/L	0.004293	1.02294	mg/L	0.004293	0.42%
QC value within limits for Antimony Recovery = 102.29%								
Arsenic†	1430.3	1.02236	mg/L	0.009355	1.02236	mg/L	0.009355	0.92%
QC value within limits for Arsenic Recovery = 102.24%								
Barium†	73010.3	0.519047	mg/L	0.0001525	0.519047	mg/L	0.0001525	0.03%
QC value within limits for Barium Recovery = 103.81%								
Beryllium†	1609064.8	0.511724	mg/L	0.0013662	0.511724	mg/L	0.0013662	0.27%
QC value within limits for Beryllium Recovery = 102.34%								
Cadmium†	59262.1	1.04752	mg/L	0.001449	1.04752	mg/L	0.001449	0.14%
QC value within limits for Cadmium Recovery = 104.75%								
Calcium†	55940462.7	486.672	mg/L	6.3435	486.672	mg/L	6.3435	1.30%
QC value within limits for Calcium Recovery = 97.33%								
Chromium†	44659.9	0.505578	mg/L	0.0008088	0.505578	mg/L	0.0008088	0.16%
QC value within limits for Chromium Recovery = 101.12%								
Cobalt†	23210.5	0.500436	mg/L	0.0007888	0.500436	mg/L	0.0007888	0.16%
QC value within limits for Cobalt Recovery = 100.09%								
Copper†	62157.0	0.538661	mg/L	0.0009178	0.538661	mg/L	0.0009178	0.17%
QC value within limits for Copper Recovery = 107.73%								
Iron†	3236151.8	203.010	mg/L	0.6124	203.010	mg/L	0.6124	0.30%
QC value within limits for Iron Recovery = 101.50%								
Lead†	18843.2	1.00997	mg/L	0.001738	1.00997	mg/L	0.001738	0.17%
QC value within limits for Lead Recovery = 101.00%								
Magnesium†	9652441.4	523.575	mg/L	6.9579	523.575	mg/L	6.9579	1.33%
QC value within limits for Magnesium Recovery = 104.72%								
Manganese†	239828.4	0.510210	mg/L	0.0013669	0.510210	mg/L	0.0013669	0.27%
QC value within limits for Manganese Recovery = 102.04%								
Molybdenum†	271.5	-0.0162076	mg/L	0.00009412	-0.0162076	mg/L	0.00009412	0.58%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickel†	55210.0	0.988724	mg/L	0.0036352	0.988724	mg/L	0.0036352	0.37%
QC value within limits for Nickel Recovery = 98.87%								
Potassium†	587322.3	2040.10	mg/L	15.887	2040.10	mg/L	15.887	0.78%
QC value greater than the upper limit for Potassium Recovery = Not calculated								
Selenium†	2003.8	1.02263	mg/L	0.006136	1.02263	mg/L	0.006136	0.60%
QC value within limits for Selenium Recovery = 102.26%								
Silver†	208179.1	1.07526	mg/L	0.005993	1.07526	mg/L	0.005993	0.56%
QC value within limits for Silver Recovery = 107.53%								
Sodium†	979.1	0.660192	mg/L	0.1017450	0.660192	mg/L	0.1017450	15.41%
QC value within limits for Sodium Recovery = Not calculated								
Thallium†	1955.9	1.00632	mg/L	0.017586	1.00632	mg/L	0.017586	1.75%
QC value within limits for Thallium Recovery = 100.63%								
Tin†	203.6	-0.0121370	mg/L	0.00470771	-0.0121370	mg/L	0.00470771	38.79%
QC value within limits for Tin Recovery = Not calculated								
Titanium†	2408.5	0.0035635	mg/L	0.00000360	0.0035635	mg/L	0.00000360	0.10%
QC value within limits for Titanium Recovery = Not calculated								
Vanadium†	77727.6	0.507858	mg/L	0.0018649	0.507858	mg/L	0.0018649	0.37%
QC value within limits for Vanadium Recovery = 101.57%								
Zinc†	29679.0	1.01607	mg/L	0.002398	1.01607	mg/L	0.002398	0.24%
QC value within limits for Zinc Recovery = 101.61%								

QC Failed. Continue with analysis.

Sequence No.: 69 **Autosampler Location: 6**
Sample ID: CCV V-68336 **Date Collected: 7/22/2009 5:03:46 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV V-68336

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Scanadium	945148.4	101	%	0.1				0.09%
Yittrium	402620.7	98.9	%	0.29				0.30%
Aluminumt	125846.9	5.07183	mg/L	0.044528	5.07183	mg/L	0.044528	0.88%
QC value within limits for Aluminum Recovery = 101.44%								
Antimonyt	1467.5	0.509978	mg/L	0.0055141	0.509978	mg/L	0.0055141	1.08%
QC value within limits for Antimony Recovery = 102.00%								
Arsenict	677.9	0.501282	mg/L	0.0017192	0.501282	mg/L	0.0017192	0.34%
QC value within limits for Arsenic Recovery = 100.26%								
Bariumt	70213.0	0.510884	mg/L	0.0044954	0.510884	mg/L	0.0044954	0.88%
QC value within limits for Barium Recovery = 102.18%								
Berylliumt	1583132.4	0.503122	mg/L	0.0126476	0.503122	mg/L	0.0126476	2.51%
QC value within limits for Beryllium Recovery = 100.62%								
Cadmiumt	28422.9	0.504760	mg/L	0.0027915	0.504760	mg/L	0.0027915	0.55%
QC value within limits for Cadmium Recovery = 100.95%								
Calciumt	5832620.9	50.7428	mg/L	1.31319	50.7428	mg/L	1.31319	2.59%
QC value within limits for Calcium Recovery = 101.49%								
Chromiumt	44459.2	0.506900	mg/L	0.0032887	0.506900	mg/L	0.0032887	0.65%
QC value within limits for Chromium Recovery = 101.38%								
Cobaltt	23498.7	0.507659	mg/L	0.0027241	0.507659	mg/L	0.0027241	0.54%
QC value within limits for Cobalt Recovery = 101.53%								
Coppert	57757.3	0.500532	mg/L	0.0046167	0.500532	mg/L	0.0046167	0.92%
QC value within limits for Copper Recovery = 100.11%								
Ironf	81919.2	5.13895	mg/L	0.068320	5.13895	mg/L	0.068320	1.33%
QC value within limits for Iron Recovery = 102.78%								
Leadt	7478.1	0.511122	mg/L	0.0023969	0.511122	mg/L	0.0023969	0.47%
QC value within limits for Lead Recovery = 102.22%								
Magnesiumt	933470.8	50.6340	mg/L	1.03885	50.6340	mg/L	1.03885	2.05%
QC value within limits for Magnesium Recovery = 101.27%								
Manganeset	239732.6	0.510006	mg/L	0.0047370	0.510006	mg/L	0.0047370	0.93%
QC value within limits for Manganese Recovery = 102.00%								
Molybdenumt	8891.8	0.498310	mg/L	0.0222052	0.498310	mg/L	0.0222052	4.46%
QC value within limits for Molybdenum Recovery = 99.66%								
Nickelt	28651.0	0.510052	mg/L	0.0035904	0.510052	mg/L	0.0035904	0.70%
QC value within limits for Nickel Recovery = 102.01%								
Potassiumt	9632.8	33.3748	mg/L	2.28560	33.3748	mg/L	2.28560	6.85%
QC value less than the lower limit for Potassium Recovery = 66.75%								
Seleniumt	985.4	0.496104	mg/L	0.0155506	0.496104	mg/L	0.0155506	3.13%
QC value within limits for Selenium Recovery = 99.22%								
Silvert	19499.0	0.0993252	mg/L	0.00133928	0.0993252	mg/L	0.00133928	1.35%
QC value within limits for Silver Recovery = 99.33%								
Sodiumt	48063.5	48.7852	mg/L	0.43070	48.7852	mg/L	0.43070	0.88%
QC value within limits for Sodium Recovery = 97.57%								
Thalliumt	1024.1	0.519070	mg/L	0.0070627	0.519070	mg/L	0.0070627	1.36%
QC value within limits for Thallium Recovery = 103.81%								
Tint	2680.6	0.508621	mg/L	0.0040401	0.508621	mg/L	0.0040401	0.79%
QC value within limits for Tin Recovery = 101.72%								
Titaniumt	338147.0	0.500310	mg/L	0.0049930	0.500310	mg/L	0.0049930	1.00%
QC value within limits for Titanium Recovery = 100.06%								
Vanadiumt	73336.7	0.505637	mg/L	0.0040956	0.505637	mg/L	0.0040956	0.81%
QC value within limits for Vanadium Recovery = 101.13%								
Zinct	15373.8	0.515500	mg/L	0.0009276	0.515500	mg/L	0.0009276	0.18%
QC value within limits for Zinc Recovery = 103.10%								

QC Failed. Continue with analysis.

Sequence No.: 70 **Autosampler Location: 2**
Sample ID: CCB **Date Collected: 7/22/2009 5:08:34 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Scanadium	952980.6	102	%	0.9				0.87%
Yittrium	416265.6	102	%	0.9				0.91%
Aluminumt	131.3	0.0052316	mg/L	0.00312352	0.0052316	mg/L	0.00312352	59.70%
QC value within limits for Aluminum Recovery = Not calculated								
Antimonyt	-4.7	-0.0016399	mg/L	0.00012090	-0.0016399	mg/L	0.00012090	7.37%
QC value within limits for Antimony Recovery = Not calculated								
Arsenict	3.5	0.0025802	mg/L	0.00196412	0.0025802	mg/L	0.00196412	76.12%
QC value within limits for Arsenic Recovery = Not calculated								
Bariumt	20.7	0.0001502	mg/L	0.00001713	0.0001502	mg/L	0.00001713	11.40%
QC value within limits for Barium Recovery = Not calculated								
Berylliumt	195.6	0.0000619	mg/L	0.00000094	0.0000619	mg/L	0.00000094	1.51%
QC value within limits for Beryllium Recovery = Not calculated								
Cadmiumt	8.5	0.0001510	mg/L	0.00028990	0.0001510	mg/L	0.00028990	192.02%
QC value within limits for Cadmium Recovery = Not calculated								
Calciumt	-214.3	-0.0018648	mg/L	0.00145373	-0.0018648	mg/L	0.00145373	77.96%
QC value within limits for Calcium Recovery = Not calculated								
Chromiumt	-37.4	-0.0003903	mg/L	0.00015663	-0.0003903	mg/L	0.00015663	40.13%
QC value within limits for Chromium Recovery = Not calculated								
Cobaltt	-22.6	-0.0004680	mg/L	0.00036710	-0.0004680	mg/L	0.00036710	78.44%
QC value within limits for Cobalt Recovery = Not calculated								
Coppert	-19.2	-0.0001661	mg/L	0.00095006	-0.0001661	mg/L	0.00095006	571.82%
QC value within limits for Copper Recovery = Not calculated								
Iront	151.9	0.0095289	mg/L	0.00256281	0.0095289	mg/L	0.00256281	26.90%
QC value within limits for Iron Recovery = Not calculated								
Leadt	14.3	0.0009824	mg/L	0.00079403	0.0009824	mg/L	0.00079403	80.82%
QC value within limits for Lead Recovery = Not calculated								
Magnesiumt	547.0	0.0296683	mg/L	0.01326749	0.0296683	mg/L	0.01326749	44.72%
QC value within limits for Magnesium Recovery = Not calculated								
Manganeset	91.1	0.0001939	mg/L	0.00002785	0.0001939	mg/L	0.00002785	14.36%
QC value within limits for Manganese Recovery = Not calculated								
Molybdenumt	79.1	0.0045298	mg/L	0.00084437	0.0045298	mg/L	0.00084437	18.64%
QC value within limits for Molybdenum Recovery = Not calculated								
Nickelt	10.2	0.0001859	mg/L	0.00043336	0.0001859	mg/L	0.00043336	233.16%
QC value within limits for Nickel Recovery = Not calculated								
Potassiumt	-2366.4	-8.22679	mg/L	3.593132	-8.22679	mg/L	3.593132	43.68%
QC value less than the lower limit for Potassium Recovery = Not calculated								
Seleniumt	-7.6	-0.0037855	mg/L	0.00552237	-0.0037855	mg/L	0.00552237	145.88%
QC value within limits for Selenium Recovery = Not calculated								
Silvert	12.3	0.0000630	mg/L	0.00024883	0.0000630	mg/L	0.00024883	394.74%
QC value within limits for Silver Recovery = Not calculated								
Sodiumt	10.3	0.0105407	mg/L	0.08814912	0.0105407	mg/L	0.08814912	836.28%
QC value within limits for Sodium Recovery = Not calculated								
Thalliumt	6.1	0.0030500	mg/L	0.00079418	0.0030500	mg/L	0.00079418	26.04%
QC value within limits for Thallium Recovery = Not calculated								
Tint	-6.0	-0.0011559	mg/L	0.00119329	-0.0011559	mg/L	0.00119329	103.24%
QC value within limits for Tin Recovery = Not calculated								
Titaniumt	249.8	0.0003696	mg/L	0.00008048	0.0003696	mg/L	0.00008048	21.77%
QC value within limits for Titanium Recovery = Not calculated								
Vanadiumt	46.3	0.0003378	mg/L	0.00056895	0.0003378	mg/L	0.00056895	168.43%
QC value within limits for Vanadium Recovery = Not calculated								
Zinct	5.1	0.0001712	mg/L	0.00080949	0.0001712	mg/L	0.00080949	472.77%
QC value within limits for Zinc Recovery = Not calculated								

QC Failed. Continue with analysis.

Dat File: SW10378B2 Batch 10378 SW846 1260

Analyst 7/27/09

Method Loaded
Method Name: PE2 RADIAL
IEC File: IEC32409R.iec
Method Description: 200.7/SW846

Method Last Saved: 7/23/2009 5:40:08 PM
MSF File:

7/27/09

Sequence No.: 1
Sample ID: Calib Blank 1 V-68816
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2009 2:05:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1 V-68816

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	7013.7	3.62	0.05%	100.000	%
Scanadium	14964.3	115.36	0.77%	100.0	%
Aluminumt	410.7	3.26	0.79%	[0.00]	mg/L
Calciumt	480.1	6.00	1.25%	[0.00]	mg/L
Ironf	-431.7	2.69	0.62%	[0.00]	mg/L
Magnesiumt	-691.2	0.75	0.11%	[0.00]	mg/L
Manganesef	-206.8	5.27	2.55%	[0.00]	mg/L
Potassiumt	812.8	53.73	6.61%	[0.00]	mg/L
Sodiumt	2863.6	1.37	0.05%	[0.00]	mg/L
Titaniumt	113.7	5.42	4.77%	[0.00]	mg/L

10378

Na, K reported

Sequence No.: 2
Sample ID: Calib 1 V-68472
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 7/25/2009 2:18:26 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 1 V-68472

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	7050.9	17.08	0.24%	100.530	%
Scanadium	15081.7	50.22	0.33%	101	%
Aluminumt	47.1	10.49	22.28%	[0.1]	mg/L
Calciumt	2205.9	2.42	0.11%	[1]	mg/L
Iront	25.0	0.89	3.56%	[0.1]	mg/L
Magnesiumt	287.5	0.45	0.16%	[1]	mg/L
Manganeset	68.5	0.33	0.49%	[0.01]	mg/L
Potassiumt	1729.9	88.81	5.13%	[1]	mg/L
Sodiumt	6128.8	3.10	0.05%	[1]	mg/L
Titaniumt	98.5	1.72	1.75%	[0.01]	mg/L

Sequence No.: 3
Sample ID: Calib 2 V-68473
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/25/2009 2:21:43 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 2 V-68473

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	6940.6	13.69	0.20%	98.9576	%
Scanadium	15020.6	45.64	0.30%	100	%
Aluminumt	1564.8	7.79	0.50%	[5]	mg/L
Calciumt	90593.4	912.11	1.01%	[50]	mg/L
Iront	1093.8	2.76	0.25%	[5]	mg/L
Magnesiumt	14113.8	11.78	0.08%	[50]	mg/L
Manganeset	2985.0	10.02	0.34%	[0.5]	mg/L
Potassiumt	84948.1	697.74	0.82%	[50]	mg/L
Sodiumt	294824.1	2340.12	0.79%	[50]	mg/L
Titaniumt	5245.5	21.66	0.41%	[0.5]	mg/L

Sequence No.: 4
Sample ID: Calib 3 V-69300
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/25/2009 2:25:00 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib 3 V-69300

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Yittrium	6892.7	26.11	0.38%	98.2746	%
Scanadium	14842.6	33.33	0.22%	99.2	%
Aluminumt	3130.7	14.49	0.46%	[10]	mg/L
Calciumt	180730.7	3212.62	1.78%	[100]	mg/L
Iront	2178.4	10.67	0.49%	[10]	mg/L
Magnesiumt	27841.4	59.98	0.22%	[100]	mg/L
Manganeset	5917.1	9.42	0.16%	[1.0]	mg/L
Potassiumt	172400.8	2771.91	1.61%	[100]	mg/L
Sodiumt	593944.9	8619.45	1.45%	[100]	mg/L
Titaniumt	10486.0	25.49	0.24%	[1.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Aluminum	3	Lin Thru 0	0.0	313.1	0.00000	0.999990	
Calcium	3	Lin Thru 0	0.0	1808	0.00000	0.999998	
Iron	3	Lin Thru 0	0.0	218.0	0.00000	0.999998	
Magnesium	3	Lin Thru 0	0.0	279.2	0.00000	0.999985	
Manganese	3	Lin Thru 0	0.0	5928	0.00000	0.999993	
Potassium	3	Lin Thru 0	0.0	1719	0.00000	0.999983	
Sodium	3	Lin Thru 0	0.0	5931	0.00000	0.999996	
Titanium	3	Lin Thru 0	0.0	10490	0.00000	1.000000	

Sequence No.: 5 **Autosampler Location: 3**
Sample ID: ICS3 V-68473 **Date Collected: 7/25/2009 2:28:18 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICS3 V-68473

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6918.9	98.6475	%	0.69151				0.70%
Scanadium	15202.0	102	%	1.0				0.94%
Aluminum†	1536.3	4.90738	mg/L	0.138024	4.90738	mg/L	0.138024	2.81%
QC value within limits for Aluminum Recovery = 98.15%								
Calcium†	90589.6	50.0979	mg/L	0.24465	50.0979	mg/L	0.24465	0.49%
QC value within limits for Calcium Recovery = 100.20%								
Iron†	1093.2	5.01416	mg/L	0.087232	5.01416	mg/L	0.087232	1.74%
QC value within limits for Iron Recovery = 100.28%								
Magnesium†	13942.5	49.9397	mg/L	0.82597	49.9397	mg/L	0.82597	1.65%
QC value within limits for Magnesium Recovery = 99.88%								
Manganese†	2952.5	0.501598	mg/L	0.0084515	0.501598	mg/L	0.0084515	1.68%
QC value within limits for Manganese Recovery = 100.32%								
Potassium†	84933.8	49.4089	mg/L	0.28053	49.4089	mg/L	0.28053	0.57%
QC value within limits for Potassium Recovery = 98.82%								
Sodium†	294040.6	49.5780	mg/L	0.33407	49.5780	mg/L	0.33407	0.67%
QC value within limits for Sodium Recovery = 99.16%								
Titanium†	5180.6	0.498304	mg/L	0.0097163	0.498304	mg/L	0.0097163	1.95%
QC value within limits for Titanium Recovery = 99.66%								

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: ICV V-68813 (2)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 7/25/2009 2:31:36 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV V-68813 (2)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6884.1	98.1512	%	0.73382				0.75%
Scanadium	14831.7	99.1	%	0.60				0.61%
Aluminum†	3222.1	10.2922	mg/L	0.03151	10.2922	mg/L	0.03151	0.31%
QC value within limits for Aluminum Recovery = 102.92%								
Calcium†	177910.9	98.3884	mg/L	0.10758	98.3884	mg/L	0.10758	0.11%
QC value within limits for Calcium Recovery = 98.39%								
Iron†	2189.5	10.0424	mg/L	0.03182	10.0424	mg/L	0.03182	0.32%
QC value within limits for Iron Recovery = 100.42%								
Magnesium†	27947.9	100.105	mg/L	0.7529	100.105	mg/L	0.7529	0.75%
QC value within limits for Magnesium Recovery = 100.10%								
Manganese†	5931.8	1.00773	mg/L	0.007492	1.00773	mg/L	0.007492	0.74%
QC value within limits for Manganese Recovery = 100.77%								
Potassium†	171494.8	99.7643	mg/L	0.39459	99.7643	mg/L	0.39459	0.40%
QC value within limits for Potassium Recovery = 99.76%								
Sodium†	591292.1	99.6973	mg/L	0.31083	99.6973	mg/L	0.31083	0.31%
QC value within limits for Sodium Recovery = 99.70%								
Titanium†	10519.7	1.01157	mg/L	0.005878	1.01157	mg/L	0.005878	0.58%
QC value within limits for Titanium Recovery = 101.16%								

All analyte(s) passed QC.

Sequence No.: 7
Sample ID: ICB V-68816
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/2009 2:34:54 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB V-68816

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6974.6	99.4413	%	0.51251				0.52%
Scanadium	14798.4	98.9	%	0.83				0.84%
Aluminum†	1.8	0.0057442	mg/L	0.01762826	0.0057442	mg/L	0.01762826	306.89%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	6.8	0.0037418	mg/L	0.00187973	0.0037418	mg/L	0.00187973	50.24%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	-8.7	-0.0397885	mg/L	0.01029831	-0.0397885	mg/L	0.01029831	25.88%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	-19.5	-0.0700006	mg/L	0.01660748	-0.0700006	mg/L	0.01660748	23.72%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-2.4	-0.0004293	mg/L	0.00101998	-0.0004293	mg/L	0.00101998	237.56%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	259.4	0.150899	mg/L	0.0129597	0.150899	mg/L	0.0129597	8.59%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	-271.0	-0.0456878	mg/L	0.02638357	-0.0456878	mg/L	0.02638357	57.75%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-13.6	-0.0012955	mg/L	0.00010949	-0.0012955	mg/L	0.00010949	8.45%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 8 **Autosampler Location: 7**
Sample ID: ICSA V-68333 **Date Collected: 7/25/2009 2:38:09 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6681.3	95.2595	%	0.04914				0.05%
Scanadium	14544.1	97.2	%	0.06				0.06%
Aluminum†	153050.6	488.886	mg/L	5.8911	488.886	mg/L	5.8911	1.20%
QC value within limits for Aluminum Recovery = 97.78%								
Calcium†	865540.5	478.662	mg/L	6.1461	478.662	mg/L	6.1461	1.28%
QC value within limits for Calcium Recovery = 95.73%								
Iron†	43271.2	198.467	mg/L	0.0872	198.467	mg/L	0.0872	0.04%
QC value within limits for Iron Recovery = 99.23%								
Magnesium†	140472.3	503.148	mg/L	7.4693	503.148	mg/L	7.4693	1.48%
QC value within limits for Magnesium Recovery = 100.63%								
Manganese†	-1168.8	-0.0578266	mg/L	0.00014840	-0.0578266	mg/L	0.00014840	0.26%
QC value within limits for Manganese Recovery = -5.78%								
Potassium†	556.8	0.323917	mg/L	0.0069122	0.323917	mg/L	0.0069122	2.13%
QC value within limits for Potassium Recovery = 32.39%								
Sodium†	1269.4	0.214033	mg/L	0.0109884	0.214033	mg/L	0.0109884	5.13%
QC value within limits for Sodium Recovery = 21.40%								
Titanium†	-316.0	0.0109765	mg/L	0.00081418	0.0109765	mg/L	0.00081418	7.42%
QC value within limits for Titanium Recovery = 1.10%								

All analyte(s) passed QC.

Sequence No.: 9 Autosampler Location: 8
Sample ID: ICSAB V-68334 Date Collected: 7/25/2009 2:41:26 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6657.2	94.9171	%	0.41960				0.44%
Scanadium	14513.7	97.0	%	0.38				0.39%
Aluminumt	156574.8	500.143	mg/L	4.0606	500.143	mg/L	4.0606	0.81%
QC value within limits for Aluminum Recovery = 100.03%								
Calciumt	884751.3	489.286	mg/L	5.5948	489.286	mg/L	5.5948	1.14%
QC value within limits for Calcium Recovery = 97.86%								
Iront	43714.9	200.502	mg/L	0.7404	200.502	mg/L	0.7404	0.37%
QC value within limits for Iron Recovery = 100.25%								
Magnesiumt	143716.1	514.766	mg/L	7.0469	514.766	mg/L	7.0469	1.37%
QC value within limits for Magnesium Recovery = 102.95%								
Manganeset	1756.7	0.437134	mg/L	0.0044260	0.437134	mg/L	0.0044260	1.01%
QC value within limits for Manganese Recovery = 87.43%								
Potassiumt	547.0	0.318199	mg/L	0.0263394	0.318199	mg/L	0.0263394	8.28%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumt	951.8	0.160485	mg/L	0.0036394	0.160485	mg/L	0.0036394	2.27%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumt	-320.0	0.0115097	mg/L	0.00133459	0.0115097	mg/L	0.00133459	11.60%

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: MB 10378 (1)
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 7/25/2009 2:44:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB 10378 (1)

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Yittrium	7040.5	100.381	%	0.1962				0.20%
Scanadium	15337.3	102	%	1.3				1.24%
Aluminumt	-3.0	-0.0094929	mg/L	0.02203099	-0.0094929	mg/L	0.02203099	232.08%
Calciumt	6.1	0.0033529	mg/L	0.00088888	0.0033529	mg/L	0.00088888	26.51%
Iront	18.1	0.0830529	mg/L	0.00257438	0.0830529	mg/L	0.00257438	3.10%
Magnesiumt	17.2	0.0615407	mg/L	0.06022294	0.0615407	mg/L	0.06022294	97.86%
Manganeset	3.1	0.0005774	mg/L	0.00050769	0.0005774	mg/L	0.00050769	87.92%
Potassiumt	-27.5	-0.0159999	mg/L	0.01898094	-0.0159999	mg/L	0.01898094	118.63%
Sodiumt	750.8	0.126590	mg/L	0.0288644	0.126590	mg/L	0.0288644	22.80%
Titaniumt	-18.1	-0.0017221	mg/L	0.00020979	-0.0017221	mg/L	0.00020979	12.18%

Sequence No.: 11
Sample ID: LCSW
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 7/25/2009 2:47:30 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7024.1	100.147	%	0.3461				0.35%
Scanadium	15188.9	102	%	1.4				1.35%
Aluminumt	1533.2	4.89736	mg/L	0.093169	4.89736	mg/L	0.093169	1.90%
Calciumt	86871.7	48.0419	mg/L	0.35821	48.0419	mg/L	0.35821	0.75%
Iront	1079.7	4.95235	mg/L	0.068656	4.95235	mg/L	0.068656	1.39%
Magnesiumt	13758.4	49.2802	mg/L	0.85086	49.2802	mg/L	0.85086	1.73%
Manganeset	2903.7	0.493332	mg/L	0.0079161	0.493332	mg/L	0.0079161	1.60%
Potassiumt	81817.6	47.5961	mg/L	0.41432	47.5961	mg/L	0.41432	0.87%
Sodiumt	284923.7	48.0408	mg/L	0.41155	48.0408	mg/L	0.41155	0.86%
Titaniumt	5057.4	0.486378	mg/L	0.0105672	0.486378	mg/L	0.0105672	2.17%

Sequence No.: 12
Sample ID: LCSW MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 16
Date Collected: 7/25/2009 2:50:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCSW MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7015.0	100.018	%	0.2695				0.27%
Scanadium	15230.8	102	%	0.5				0.52%
Aluminumt	1499.2	4.78896	mg/L	0.026579	4.78896	mg/L	0.026579	0.56%
Calciumt	87016.5	48.1219	mg/L	0.37463	48.1219	mg/L	0.37463	0.78%
Iront	1077.4	4.94167	mg/L	0.039788	4.94167	mg/L	0.039788	0.81%
Magnesiumt	13664.5	48.9440	mg/L	0.46520	48.9440	mg/L	0.46520	0.95%
Manganeset	2894.7	0.491808	mg/L	0.0039804	0.491808	mg/L	0.0039804	0.81%
Potassiumt	81995.6	47.6996	mg/L	0.29515	47.6996	mg/L	0.29515	0.62%
Sodiumt	285289.8	48.1025	mg/L	0.33636	48.1025	mg/L	0.33636	0.70%
Titaniumt	5016.8	0.482511	mg/L	0.0054715	0.482511	mg/L	0.0054715	1.13%

Sequence No.: 13
Sample ID: 45774-008
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 7/25/2009 2:54:02 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-008

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7091.3	101.106	%	0.4177				0.41%
Scanadium	15387.3	103	%	1.0				0.94%
Aluminumt	126.0	0.402331	mg/L	0.0226652	0.402331	mg/L	0.0226652	5.63%
Calciumt	14071.4	7.78179	mg/L	0.071231	7.78179	mg/L	0.071231	0.92%
Iront	262.0	1.20160	mg/L	0.002669	1.20160	mg/L	0.002669	0.22%
Magnesiumt	417.4	1.49492	mg/L	0.045510	1.49492	mg/L	0.045510	3.04%
Manganeset	646.5	0.109915	mg/L	0.0004181	0.109915	mg/L	0.0004181	0.38%
Potassiumt	2675.9	1.55665	mg/L	0.017623	1.55665	mg/L	0.017623	1.13%
Sodiumt	405757.3	68.4144	mg/L	0.42674	68.4144	mg/L	0.42674	0.62%
Titaniumt	143.5	0.0143513	mg/L	0.00073765	0.0143513	mg/L	0.00073765	5.14%

Sequence No.: 14
Sample ID: 45774-008 MR
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 7/25/2009 2:57:19 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-008 MR

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7084.9	101.014	%	0.4599				0.46%
Scanadium	15168.6	101	%	0.0				0.03%
Aluminumt	141.8	0.452994	mg/L	0.0016282	0.452994	mg/L	0.0016282	0.36%
Calciumt	13974.5	7.72819	mg/L	0.072003	7.72819	mg/L	0.072003	0.93%
Iront	261.4	1.19910	mg/L	0.009852	1.19910	mg/L	0.009852	0.82%
Magnesiumt	405.5	1.45236	mg/L	0.021775	1.45236	mg/L	0.021775	1.50%
Manganeset	646.1	0.109836	mg/L	0.0009690	0.109836	mg/L	0.0009690	0.88%
Potassiumt	2664.5	1.55003	mg/L	0.036155	1.55003	mg/L	0.036155	2.33%
Sodiumt	406353.8	68.5150	mg/L	0.24543	68.5150	mg/L	0.24543	0.36%
Titaniumt	143.1	0.0143055	mg/L	0.00019565	0.0143055	mg/L	0.00019565	1.37%

Sequence No.: 15
Sample ID: 45774-009 MS 1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 19
Date Collected: 7/25/2009 3:00:36 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-009 MS 1

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7630.1	108.788	%	0.2965				0.27%
Scanadium	15669.1	105	%	0.4				0.36%
Aluminumt	8417.8	26.8887	mg/L	0.04901	26.8887	mg/L	0.04901	0.18%
Calciumt	100221.1	55.4243	mg/L	0.15933	55.4243	mg/L	0.15933	0.29%
Iront	8574.6	39.3282	mg/L	0.29486	39.3282	mg/L	0.29486	0.75%
Magnesiumt	13959.6	50.0009	mg/L	0.12332	50.0009	mg/L	0.12332	0.25%
Manganeset	7439.9	1.28272	mg/L	0.005729	1.28272	mg/L	0.005729	0.45%
Potassiumt	81421.0	47.3653	mg/L	0.05789	47.3653	mg/L	0.05789	0.12%
Sodiumt	660199.9	111.316	mg/L	0.3279	111.316	mg/L	0.3279	0.29%
Titaniumt	10618.8	1.01732	mg/L	0.004088	1.01732	mg/L	0.004088	0.40%

Sequence No.: 16
Sample ID: 45774-010 MS 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 7/25/2009 3:03:23 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-010 MS 2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7023.7	100.142	%	0.1066				0.11%
Scanadium	15033.2	100	%	0.0				0.05%
Aluminumt	1662.5	5.31032	mg/L	0.022452	5.31032	mg/L	0.022452	0.42%
Calciumt	101666.9	56.2239	mg/L	0.56554	56.2239	mg/L	0.56554	1.01%
Iront	1294.9	5.93923	mg/L	0.014628	5.93923	mg/L	0.014628	0.25%
Magnesiumt	14001.9	50.1525	mg/L	0.04519	50.1525	mg/L	0.04519	0.09%
Manganeset	3470.1	0.589567	mg/L	0.0007577	0.589567	mg/L	0.0007577	0.13%
Potassiumt	84861.9	49.3670	mg/L	0.27228	49.3670	mg/L	0.27228	0.55%
Sodiumt	702191.2	118.396	mg/L	0.9791	118.396	mg/L	0.9791	0.83%
Titaniumt	5176.4	0.498428	mg/L	0.0009692	0.498428	mg/L	0.0009692	0.19%

Sequence No.: 17
Sample ID: 45774-008 PS
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 7/25/2009 3:06:40 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-008 PS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7039.6	100.368	%	0.4387				0.44%
Scanadium	15069.1	101	%	0.2				0.24%
Aluminumt	1680.4	5.36766	mg/L	0.008931	5.36766	mg/L	0.008931	0.17%
Calciumt	102177.5	56.5063	mg/L	0.23960	56.5063	mg/L	0.23960	0.42%
Iront	1330.0	6.10021	mg/L	0.006864	6.10021	mg/L	0.006864	0.11%
Magnesiumt	14281.0	51.1519	mg/L	0.16902	51.1519	mg/L	0.16902	0.33%
Manganeset	3550.5	0.603242	mg/L	0.0001687	0.603242	mg/L	0.0001687	0.03%
Potassiumt	86670.0	50.4189	mg/L	0.11463	50.4189	mg/L	0.11463	0.23%
Sodiumt	686876.2	115.814	mg/L	0.4663	115.814	mg/L	0.4663	0.40%
Titaniumt	5334.6	0.513544	mg/L	0.0007674	0.513544	mg/L	0.0007674	0.15%

Sequence No.: 18 **Autosampler Location: 6**
Sample ID: CCV V-69580 **Date Collected: 7/25/2009 3:09:58 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV V-69580

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6917.7	98.6311	%	0.44917				0.46%
Scanadium	14988.8	100	%	0.0				0.05%
Aluminum†	1591.0	5.08211	mg/L	0.012744	5.08211	mg/L	0.012744	0.25%
QC value within limits for Aluminum Recovery = 101.64%								
Calcium†	90915.7	50.2783	mg/L	0.37302	50.2783	mg/L	0.37302	0.74%
QC value within limits for Calcium Recovery = 100.56%								
Iron†	1120.1	5.13727	mg/L	0.034100	5.13727	mg/L	0.034100	0.66%
QC value within limits for Iron Recovery = 102.75%								
Magnesium†	14284.1	51.1633	mg/L	0.09010	51.1633	mg/L	0.09010	0.18%
QC value within limits for Magnesium Recovery = 102.33%								
Manganese†	3006.1	0.510729	mg/L	0.0003933	0.510729	mg/L	0.0003933	0.08%
QC value within limits for Manganese Recovery = 102.15%								
Potassium†	85935.6	49.9917	mg/L	0.31642	49.9917	mg/L	0.31642	0.63%
QC value within limits for Potassium Recovery = 99.98%								
Sodium†	297070.4	50.0888	mg/L	0.27683	50.0888	mg/L	0.27683	0.55%
QC value within limits for Sodium Recovery = 100.18%								
Titanium†	5269.3	0.506781	mg/L	0.0006753	0.506781	mg/L	0.0006753	0.13%
QC value within limits for Titanium Recovery = 101.36%								

All analyte(s) passed QC.

Sequence No.: 19 **Autosampler Location: 2**
Sample ID: CCB **Date Collected: 7/25/2009 3:13:13 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6990.3	99.6654	%	0.40703				0.41%
Scanadium	14932.7	99.8	%	0.74				0.74%
Aluminum†	3.3	0.0106461	mg/L	0.01473221	0.0106461	mg/L	0.01473221	138.38%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	-7.1	-0.0039233	mg/L	0.00028102	-0.0039233	mg/L	0.00028102	7.16%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	-3.2	-0.0147844	mg/L	0.01951815	-0.0147844	mg/L	0.01951815	132.02%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	-10.7	-0.0383877	mg/L	0.01228917	-0.0383877	mg/L	0.01228917	32.01%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-3.9	-0.0006712	mg/L	0.00017923	-0.0006712	mg/L	0.00017923	26.70%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	318.8	0.185480	mg/L	0.0749928	0.185480	mg/L	0.0749928	40.43%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	-259.7	-0.0437801	mg/L	0.01401382	-0.0437801	mg/L	0.01401382	32.01%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-6.7	-0.0006397	mg/L	0.00035962	-0.0006397	mg/L	0.00035962	56.22%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 20
Sample ID: 45774-008 SD
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 7/25/2009 3:16:30 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-008 SD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7046.2	100.462	%	0.1271				0.13%
Scanadium	15197.8	102	%	0.8				0.80%
Aluminum†	26.3	0.0838950	mg/L	0.00692771	0.0838950	mg/L	0.00692771	8.26%
Calcium†	2830.2	1.56513	mg/L	0.014206	1.56513	mg/L	0.014206	0.91%
Iron†	55.3	0.253790	mg/L	0.0057435	0.253790	mg/L	0.0057435	2.26%
Magnesium†	71.8	0.257339	mg/L	0.0623044	0.257339	mg/L	0.0623044	24.21%
Manganese†	132.6	0.0225489	mg/L	0.00036249	0.0225489	mg/L	0.00036249	1.61%
Potassium†	656.9	0.382129	mg/L	0.0162312	0.382129	mg/L	0.0162312	4.25%
Sodium†	81277.6	13.7042	mg/L	0.07614	13.7042	mg/L	0.07614	0.56%
Titanium†	23.2	0.0023496	mg/L	0.00043374	0.0023496	mg/L	0.00043374	18.46%

Sequence No.: 21
Sample ID: 45774-011
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 7/25/2009 3:19:47 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-011

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7041.3	100.393	%	0.2699				0.27%
Scanadium	15288.1	102	%	1.3				1.28%
Aluminumt	145.6	0.464932	mg/L	0.0037415	0.464932	mg/L	0.0037415	0.80%
Calciumt	8475.8	4.68727	mg/L	0.058937	4.68727	mg/L	0.058937	1.26%
Iront	360.0	1.65139	mg/L	0.012879	1.65139	mg/L	0.012879	0.78%
Magnesiumt	191.2	0.684968	mg/L	0.0245463	0.684968	mg/L	0.0245463	3.58%
Manganeset	399.2	0.0685029	mg/L	0.00031500	0.0685029	mg/L	0.00031500	0.46%
Potassiumt	889.1	0.517227	mg/L	0.0322828	0.517227	mg/L	0.0322828	6.24%
Sodiumt	12925.8	2.17941	mg/L	0.011842	2.17941	mg/L	0.011842	0.54%
Titaniumt	97.0	0.0096557	mg/L	0.00063497	0.0096557	mg/L	0.00063497	6.58%

Sequence No.: 22
Sample ID: 45774-012
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 7/25/2009 3:23:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-012

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7080.1	100.946	%	0.2060				0.20%
Scanadium	15109.4	101	%	0.1				0.05%
Aluminumt	1991.5	6.36149	mg/L	0.013344	6.36149	mg/L	0.013344	0.21%
Calciumt	97558.3	53.9517	mg/L	0.40873	53.9517	mg/L	0.40873	0.76%
Iront	3244.2	14.8798	mg/L	0.05312	14.8798	mg/L	0.05312	0.36%
Magnesiumt	1710.9	6.12799	mg/L	0.046806	6.12799	mg/L	0.046806	0.76%
Manganeset	8540.3	1.45118	mg/L	0.005409	1.45118	mg/L	0.005409	0.37%
Potassiumt	13398.4	7.79428	mg/L	0.032536	7.79428	mg/L	0.032536	0.42%
Sodiumt	796159.1	134.240	mg/L	0.9130	134.240	mg/L	0.9130	0.68%
Titaniumt	1516.9	0.149276	mg/L	0.0006760	0.149276	mg/L	0.0006760	0.45%

Sequence No.: 23 **Autosampler Location: 6**
Sample ID: CCV V-69580 **Date Collected: 7/25/2009 3:26:22 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV V-69580

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6912.6	98.5582	%	0.32017				0.32%
Scanadium	14869.7	99.4	%	0.31				0.32%
Aluminum†	1600.4	5.11206	mg/L	0.032805	5.11206	mg/L	0.032805	0.64%
QC value within limits for Aluminum Recovery = 102.24%								
Calcium†	90966.8	50.3065	mg/L	0.17732	50.3065	mg/L	0.17732	0.35%
QC value within limits for Calcium Recovery = 100.61%								
Iron†	1113.2	5.10570	mg/L	0.051372	5.10570	mg/L	0.051372	1.01%
QC value within limits for Iron Recovery = 102.11%								
Magnesium†	14302.1	51.2277	mg/L	0.24776	51.2277	mg/L	0.24776	0.48%
QC value within limits for Magnesium Recovery = 102.46%								
Manganese†	3026.5	0.514146	mg/L	0.0028968	0.514146	mg/L	0.0028968	0.56%
QC value within limits for Manganese Recovery = 102.83%								
Potassium†	85873.1	49.9553	mg/L	0.27277	49.9553	mg/L	0.27277	0.55%
QC value within limits for Potassium Recovery = 99.91%								
Sodium†	296929.5	50.0651	mg/L	0.22613	50.0651	mg/L	0.22613	0.45%
QC value within limits for Sodium Recovery = 100.13%								
Titanium†	5323.2	0.511920	mg/L	0.0006777	0.511920	mg/L	0.0006777	0.13%
QC value within limits for Titanium Recovery = 102.38%								

All analyte(s) passed QC.

Sequence No.: 24 **Autosampler Location: 2**
Sample ID: CCB **Date Collected: 7/25/2009 3:29:38 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7002.0	99.8318	%	0.24445				0.24%
Scanadium	14919.4	99.7	%	0.41				0.41%
Aluminum†	0.4	0.0014098	mg/L	0.04123115	0.0014098	mg/L	0.04123115	>999.9%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	-24.8	-0.0137019	mg/L	0.00143401	-0.0137019	mg/L	0.00143401	10.47%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	-2.4	-0.0110613	mg/L	0.00679342	-0.0110613	mg/L	0.00679342	61.42%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	-7.9	-0.0283970	mg/L	0.01061999	-0.0283970	mg/L	0.01061999	37.40%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-2.6	-0.0004499	mg/L	0.00130923	-0.0004499	mg/L	0.00130923	291.03%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	260.7	0.151670	mg/L	0.0150992	0.151670	mg/L	0.0150992	9.96%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	-407.8	-0.0687626	mg/L	0.03015835	-0.0687626	mg/L	0.03015835	43.86%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-7.3	-0.0006996	mg/L	0.00100298	-0.0006996	mg/L	0.00100298	143.37%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 25
Sample ID: 45774-013
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 7/25/2009 3:32:55 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-013

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7006.1	99.8907	%	1.00344				1.00%
Scanadium	15173.0	101	%	1.2				1.14%
Aluminum†	68.6	0.219101	mg/L	0.0597645	0.219101	mg/L	0.0597645	27.28%
Calcium†	100355.7	55.4988	mg/L	0.10288	55.4988	mg/L	0.10288	0.19%
Iron†	477.8	2.19158	mg/L	0.001338	2.19158	mg/L	0.001338	0.06%
Magnesium†	2960.6	10.6045	mg/L	0.20172	10.6045	mg/L	0.20172	1.90%
Manganese†	3030.4	0.512757	mg/L	0.0103260	0.512757	mg/L	0.0103260	2.01%
Potassium†	11537.5	6.71177	mg/L	0.003739	6.71177	mg/L	0.003739	0.06%
Sodium†	1113937.7	187.820	mg/L	2.0878	187.820	mg/L	2.0878	1.11%
Titanium†	21.9	0.0068515	mg/L	0.00018743	0.0068515	mg/L	0.00018743	2.74%

Sequence No.: 26
Sample ID: 45774-014
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 7/25/2009 3:36:23 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-014

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7012.1	99.9764	%	0.38260				0.38%
Scanadium	15070.8	101	%	0.2				0.20%
Aluminumt	122.0	0.389753	mg/L	0.0124986	0.389753	mg/L	0.0124986	3.21%
Calciumt	36166.0	20.0005	mg/L	0.05415	20.0005	mg/L	0.05415	0.27%
Iront	880.3	4.03747	mg/L	0.012076	4.03747	mg/L	0.012076	0.30%
Magnesiumt	1334.2	4.77888	mg/L	0.016979	4.77888	mg/L	0.016979	0.36%
Manganeset	1649.4	0.281092	mg/L	0.0005423	0.281092	mg/L	0.0005423	0.19%
Potassiumt	6759.6	3.93228	mg/L	0.000728	3.93228	mg/L	0.000728	0.02%
Sodiumt	1269878.9	214.113	mg/L	0.8699	214.113	mg/L	0.8699	0.41%
Titaniumt	78.2	0.0091706	mg/L	0.00063930	0.0091706	mg/L	0.00063930	6.97%

Sequence No.: 27
Sample ID: 45774-016
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 7/25/2009 3:39:53 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-016

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7298.8	104.064	%	0.0368				0.04%
Scanadium	15366.6	103	%	0.0				0.00%
Aluminumt	6635.0	21.1939	mg/L	0.07012	21.1939	mg/L	0.07012	0.33%
Calciumt	9243.5	5.11186	mg/L	0.003009	5.11186	mg/L	0.003009	0.06%
Iront	9109.1	41.7799	mg/L	0.04448	41.7799	mg/L	0.04448	0.11%
Magnesiumt	503.7	1.80423	mg/L	0.033982	1.80423	mg/L	0.033982	1.88%
Manganeset	1159.4	0.224920	mg/L	0.0004056	0.224920	mg/L	0.0004056	0.18%
Potassiumt	3292.4	1.91528	mg/L	0.069728	1.91528	mg/L	0.069728	3.64%
Sodiumt	15415.9	2.59926	mg/L	0.028284	2.59926	mg/L	0.028284	1.09%
Titaniumt	4795.6	0.457727	mg/L	0.0014073	0.457727	mg/L	0.0014073	0.31%

Sequence No.: 28
Sample ID: 45774-017
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 7/25/2009 3:43:11 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 45774-017

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	7069.3	100.793	%	0.0133				0.01%
Scanadium	15298.2	102	%	0.1				0.12%
Aluminum†	22.0	0.0703897	mg/L	0.03001461	0.0703897	mg/L	0.03001461	42.64%
Calcium†	424.9	0.234974	mg/L	0.0006383	0.234974	mg/L	0.0006383	0.27%
Iron†	1.2	0.0057202	mg/L	0.00332158	0.0057202	mg/L	0.00332158	58.07%
Magnesium†	-18.9	-0.0675783	mg/L	0.04156910	-0.0675783	mg/L	0.04156910	61.51%
Manganese†	6.0	0.0010202	mg/L	0.00038358	0.0010202	mg/L	0.00038358	37.60%
Potassium†	132.0	0.0767721	mg/L	0.02429502	0.0767721	mg/L	0.02429502	31.65%
Sodium†	2766.2	0.466413	mg/L	0.0012533	0.466413	mg/L	0.0012533	0.27%
Titanium†	-6.3	-0.0005835	mg/L	0.00037563	-0.0005835	mg/L	0.00037563	64.38%

Sequence No.: 29 **Autosampler Location: 7**
Sample ID: ICSA V-68333 **Date Collected: 7/25/2009 3:46:28 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA V-68333

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6632.7	94.5665	%	1.16534				1.23%
Scanadium	14458.4	96.6	%	0.78				0.81%
Aluminum†	155193.5	495.731	mg/L	1.5680	495.731	mg/L	1.5680	0.32%
QC value within limits for Aluminum Recovery = 99.15%								
Calcium†	879825.8	486.562	mg/L	0.0820	486.562	mg/L	0.0820	0.02%
QC value within limits for Calcium Recovery = 97.31%								
Iron†	43401.1	199.063	mg/L	0.6121	199.063	mg/L	0.6121	0.31%
QC value within limits for Iron Recovery = 99.53%								
Magnesium†	143745.5	514.872	mg/L	0.4120	514.872	mg/L	0.4120	0.08%
QC value within limits for Magnesium Recovery = 102.97%								
Manganese†	-1172.4	-0.0580154	mg/L	0.00192092	-0.0580154	mg/L	0.00192092	3.31%
QC value within limits for Manganese Recovery = -5.80%								
Potassium†	550.4	0.320169	mg/L	0.0232021	0.320169	mg/L	0.0232021	7.25%
QC value within limits for Potassium Recovery = 32.02%								
Sodium†	1262.8	0.212914	mg/L	0.0110016	0.212914	mg/L	0.0110016	5.17%
QC value within limits for Sodium Recovery = 21.29%								
Titanium†	-325.5	0.0107485	mg/L	0.00071088	0.0107485	mg/L	0.00071088	6.61%
QC value within limits for Titanium Recovery = 1.07%								

All analyte(s) passed QC.

Sequence No.: 30
Sample ID: ICSAB V-68334
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/25/2009 3:49:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB V-68334

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6635.2	94.6023	%	0.67915				0.72%
Scanadium	14496.8	96.9	%	0.58				0.60%
Aluminumt	155720.7	497.415	mg/L	7.3185	497.415	mg/L	7.3185	1.47%
QC value within limits for Aluminum Recovery = 99.48%								
Calciumt	878344.9	485.743	mg/L	7.1170	485.743	mg/L	7.1170	1.47%
QC value within limits for Calcium Recovery = 97.15%								
Ironf	44091.3	202.229	mg/L	0.1791	202.229	mg/L	0.1791	0.09%
QC value within limits for Iron Recovery = 101.11%								
Magnesiumt	143013.2	512.249	mg/L	8.2156	512.249	mg/L	8.2156	1.60%
QC value within limits for Magnesium Recovery = 102.45%								
Manganesef	1788.6	0.443725	mg/L	0.0026964	0.443725	mg/L	0.0026964	0.61%
QC value within limits for Manganese Recovery = 88.75%								
Potassiumf	456.7	0.265694	mg/L	0.0157792	0.265694	mg/L	0.0157792	5.94%
QC value within limits for Potassium Recovery = Not calculated								
Sodiumf	892.1	0.150413	mg/L	0.0134659	0.150413	mg/L	0.0134659	8.95%
QC value within limits for Sodium Recovery = Not calculated								
Titaniumf	-326.6	0.0105708	mg/L	0.00220428	0.0105708	mg/L	0.00220428	20.85%

All analyte(s) passed QC.

Sequence No.: 31 **Autosampler Location: 6**
Sample ID: CCV V-69580 **Date Collected: 7/25/2009 3:52:02 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV V-69580

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6862.9	97.8488	%	0.70064				0.72%
Scanadium	14935.4	99.8	%	0.30				0.30%
Aluminumt	1599.8	5.11015	mg/L	0.040419	5.11015	mg/L	0.040419	0.79%
QC value within limits for Aluminum Recovery = 102.20%								
Calciumt	90867.2	50.2514	mg/L	0.35666	50.2514	mg/L	0.35666	0.71%
QC value within limits for Calcium Recovery = 100.50%								
Iront	1113.2	5.10586	mg/L	0.003638	5.10586	mg/L	0.003638	0.07%
QC value within limits for Iron Recovery = 102.12%								
Magnesiumt	14190.3	50.8271	mg/L	0.27355	50.8271	mg/L	0.27355	0.54%
QC value within limits for Magnesium Recovery = 101.65%								
Manganeset	2988.0	0.507660	mg/L	0.0018375	0.507660	mg/L	0.0018375	0.36%
QC value within limits for Manganese Recovery = 101.53%								
Potassiumt	84844.6	49.3570	mg/L	0.33865	49.3570	mg/L	0.33865	0.69%
QC value within limits for Potassium Recovery = 98.71%								
Sodiumt	294805.8	49.7070	mg/L	0.27075	49.7070	mg/L	0.27075	0.54%
QC value within limits for Sodium Recovery = 99.41%								
Titaniumt	5254.1	0.505325	mg/L	0.0011895	0.505325	mg/L	0.0011895	0.24%
QC value within limits for Titanium Recovery = 101.07%								

All analyte(s) passed QC.

Sequence No.: 32 **Autosampler Location: 2**
Sample ID: CCB **Date Collected: 7/25/2009 3:55:17 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Yittrium	6935.0	98.8769	%	0.08752				0.09%
Scanadium	14685.5	98.1	%	1.02				1.04%
Aluminum†	8.1	0.0258551	mg/L	0.05201682	0.0258551	mg/L	0.05201682	201.19%
QC value within limits for Aluminum Recovery = Not calculated								
Calcium†	-1.9	-0.0010448	mg/L	0.00130186	-0.0010448	mg/L	0.00130186	124.61%
QC value within limits for Calcium Recovery = Not calculated								
Iron†	-12.9	-0.0593865	mg/L	0.01298193	-0.0593865	mg/L	0.01298193	21.86%
QC value within limits for Iron Recovery = Not calculated								
Magnesium†	-35.4	-0.126661	mg/L	0.0364498	-0.126661	mg/L	0.0364498	28.78%
QC value within limits for Magnesium Recovery = Not calculated								
Manganese†	-4.3	-0.0007687	mg/L	0.00121491	-0.0007687	mg/L	0.00121491	158.04%
QC value within limits for Manganese Recovery = Not calculated								
Potassium†	102.8	0.0597760	mg/L	0.02316745	0.0597760	mg/L	0.02316745	38.76%
QC value within limits for Potassium Recovery = Not calculated								
Sodium†	-852.0	-0.143662	mg/L	0.0292639	-0.143662	mg/L	0.0292639	20.37%
QC value within limits for Sodium Recovery = Not calculated								
Titanium†	-16.1	-0.0015354	mg/L	0.00012471	-0.0015354	mg/L	0.00012471	8.12%
QC value within limits for Titanium Recovery = Not calculated								

All analyte(s) passed QC.

Method: HGCV2 SWH2O (7470A) Page 1 Date: 7/21/2009 11:24:03 AM

1st R1/Analyst 7/21/09 V-69870

Analysis Begun

Logged In Analyst: johns Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: AS-90

7/22/09

Sample Information File: C:\data-AA\johns\Sample Information\H10378SW.sif
Batch ID: H10378SW
Results Data Set: H10378SW
Results Library: C:\data-AA\johns\Results\Results.mdb

Method Loaded
Method Name: HGCV2 SWH2O (7470A) Method Last Saved: 12/26/2007 1:14:37 PM
Method Description: HgCV2 SW846H2O (7470A)

Sequence No.: 1 Autosampler Location: 1
Sample ID: Calibration Blank Date Collected: 7/21/2009 11:18:37 AM
Analyst: Data Type: Original

Replicate Data: Calibration Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0002	0.0007	0.0002	11:19:34	Yes
2		[0.00]	0.0002	0.0002	0.0002	11:20:06	Yes
Mean:		[0.00]	0.0002				
SD:		0.00	0.0000				
%RSD:		0.00	2.20				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 2
Sample ID: .2 PPB Date Collected: 7/21/2009 11:20:07 AM
Analyst: Data Type: Original

Replicate Data: .2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.2]	0.0016	0.0067	0.0018	11:21:03	Yes
2		[0.2]	0.0015	0.0066	0.0017	11:21:35	Yes
Mean:		[0.2]	0.0015				
SD:		0.0	0.0000				
%RSD:		0.0	3.05				

Standard number 1 applied. [0.2]
Correlation Coef.: 1.000000 Slope: 0.00771 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 3
Sample ID: .5 PPB Date Collected: 7/21/2009 11:21:37 AM
Analyst: Data Type: Original

Replicate Data: .5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.5]	0.0035	0.0117	0.0036	11:22:33	Yes
2		[0.5]	0.0034	0.0127	0.0035	11:23:05	Yes
Mean:		[0.5]	0.0034				
SD:		0.0	0.0001				
%RSD:		0.0	2.39				

Standard number 2 applied. [0.5]
Correlation Coef.: 0.998283 Slope: 0.00679 Intercept: 0.00007

Sequence No.: 4 Autosampler Location: 4
Sample ID: 1 PPB Date Collected: 7/21/2009 11:23:06 AM
Analyst: Data Type: Original

Replicate Data: 1 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	[1]	0.0075	0.0320	0.0077	11:24:01	Yes
2	[1]	0.0067	0.0257	0.0068	11:24:34	Yes
Mean:	[1]	0.0071				
SD:	0	0.0006				
%RSD:	0	8.23				

Standard number 3 applied. [1]
Correlation Coef.: 0.999505 Slope: 0.00700 Intercept: 0.00003

Sequence No.: 5 **Autosampler Location: 5**
Sample ID: 2 PPB **Date Collected: 7/21/2009 11:24:35 AM**
Analyst: **Data Type: Original**

Replicate Data: 2 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2]	0.0144	0.0584	0.0146	11:25:31	Yes
2		[2]	0.0141	0.0582	0.0143	11:26:04	Yes
Mean:		[2]	0.0143				
SD:		0	0.0002				
%RSD:		0	1.39				

Standard number 4 applied. [2]
Correlation Coef.: 0.999854 Slope: 0.00712 Intercept: -0.00001

Sequence No.: 6 **Autosampler Location: 6**
Sample ID: 5 PPB **Date Collected: 7/21/2009 11:26:05 AM**
Analyst: **Data Type: Original**

Replicate Data: 5 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5]	0.0350	0.1399	0.0352	11:27:01	Yes
2		[5]	0.0347	0.1423	0.0349	11:27:34	Yes
Mean:		[5]	0.0349				
SD:		0	0.0002				
%RSD:		0	0.63				

Standard number 5 applied. [5]
Correlation Coef.: 0.999941 Slope: 0.00697 Intercept: 0.00008

Sequence No.: 7 **Autosampler Location: 7**
Sample ID: 10 PPB **Date Collected: 7/21/2009 11:27:35 AM**
Analyst: **Data Type: Original**

Replicate Data: 10 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10]	0.0699	0.2855	0.0701	11:28:31	Yes
2		[10]	0.0685	0.2783	0.0687	11:29:04	Yes
Mean:		[10]	0.0692				
SD:		0	0.0010				
%RSD:		0	1.39				

Standard number 6 applied. [10]
Correlation Coef.: 0.999978 Slope: 0.00692 Intercept: 0.00014

Sequence No.: 8 **Autosampler Location: 8**
Sample ID: 25 PPB **Date Collected: 7/21/2009 11:29:05 AM**
Analyst: **Data Type: Original**

Replicate Data: 25 PPB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[25]	0.1742	0.7206	0.1744	11:30:00	Yes
2		[25]	0.1636	0.6719	0.1638	11:30:33	Yes
Mean:		[25]	0.1689				
SD:		0	0.0075				
%RSD:		0	4.44				

Standard number 7 applied. [25]
Correlation Coef.: 0.999945 Slope: 0.00676 Intercept: 0.00049

Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calibration Blank	0.0000	0	-0.072	0.00	2.2
.2 PPB	0.0015	0.2	0.156	0.00	3.1
.5 PPB	0.0034	0.5	0.433	0.00	2.4
1 PPB	0.0071	1.0	0.974	0.00	8.2
2 PPB	0.0143	2.0	2.040	0.00	1.4
5 PPB	0.0349	5.0	5.086	0.00	0.6
10 PPB	0.0692	10.0	10.169	0.00	1.4
25 PPB	0.1689	25.0	24.915	0.01	4.4

Correlation Coef.: 0.999945 Slope: 0.00676 Intercept: 0.00049

Sequence No.: 9 Autosampler Location: 10
Sample ID: ICV (2) Date Collected: 7/21/2009 11:30:35 AM
Analyst: Data Type: Original

Replicate Data: ICV (2)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	19.76	19.76	0.1341	0.5489	0.1343	11:31:34	Yes
2	19.54	19.54	0.1326	0.5432	0.1327	11:32:06	Yes
Mean:	19.65	19.65	0.1333				
SD:	0.160	0.160	0.0011				
%RSD:	0.815	0.815	0.81				

QC value within limits for Hg 253.7 Recovery = 98.26%
All analyte(s) passed QC.

Sequence No.: 10 Autosampler Location: 1
Sample ID: ICB Date Collected: 7/21/2009 11:32:08 AM
Analyst: Data Type: Original

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.077	-0.077	-0.0000	-0.0001	0.0001	11:33:03	Yes
2	-0.094	-0.094	-0.0002	-0.0012	0.0000	11:33:36	Yes
Mean:	-0.085	-0.085	-0.0001				
SD:	0.013	0.013	0.0001				
%RSD:	14.67	14.67	93.62				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 11 Autosampler Location: 11
Sample ID: MB 10378 (1) Date Collected: 7/21/2009 11:33:37 AM
Analyst: Data Type: Original

Replicate Data: MB 10378 (1)

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.073	-0.073	-0.0000	0.0003	0.0002	11:34:34	Yes
2	-0.085	-0.085	-0.0001	-0.0002	0.0001	11:35:06	Yes
Mean:	-0.079	-0.079	-0.0000				
SD:	0.008	0.008	0.0001				
%RSD:	9.937	9.937	112.23				

Sequence No.: 12 Autosampler Location: 12
Sample ID: LCSW Date Collected: 7/21/2009 11:35:07 AM
Analyst: Data Type: Original

Replicate Data: LCSW

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.04	10.04	0.0684	0.2796	0.0686	11:36:03	Yes
2	9.913	9.913	0.0675	0.2745	0.0677	11:36:36	Yes
Mean:	9.978	9.978	0.0679				

SD:	0.093	0.093	0.0006
%RSD:	0.930	0.930	0.92

Sequence No.: 13
Sample ID: LCSW MR
Analyst:
Autosampler Location: 13
Date Collected: 7/21/2009 11:36:37 AM
Data Type: Original

Replicate Data: LCSW MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	10.48	10.48	0.0713	0.2903	0.0715	11:37:33	Yes
2	10.03	10.03	0.0683	0.2778	0.0685	11:38:06	Yes
Mean:	10.25	10.25	0.0698				
SD:	0.315	0.315	0.0021				
%RSD:	3.068	3.068	3.05				

Sequence No.: 14
Sample ID: 45774-008
Analyst:
Autosampler Location: 14
Date Collected: 7/21/2009 11:38:07 AM
Data Type: Original

Replicate Data: 45774-008

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.085	-0.085	-0.0001	-0.0003	0.0001	11:39:03	Yes
2	-0.076	-0.076	-0.0000	0.0003	0.0002	11:39:36	Yes
Mean:	-0.080	-0.080	-0.0001				
SD:	0.006	0.006	0.0000				
%RSD:	7.862	7.862	76.89				

Sequence No.: 15
Sample ID: 45774-008 MR
Analyst:
Autosampler Location: 15
Date Collected: 7/21/2009 11:39:37 AM
Data Type: Original

Replicate Data: 45774-008 MR

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.075	-0.075	-0.0000	0.0001	0.0002	11:40:33	Yes
2	-0.090	-0.090	-0.0001	-0.0011	0.0001	11:41:06	Yes
Mean:	-0.083	-0.083	-0.0001				
SD:	0.010	0.010	0.0001				
%RSD:	12.17	12.17	95.15				

Sequence No.: 16
Sample ID: 45774-009 MS 1
Analyst:
Autosampler Location: 16
Date Collected: 7/21/2009 11:41:07 AM
Data Type: Original

Replicate Data: 45774-009 MS 1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.633	9.633	0.0656	0.2633	0.0658	11:42:03	Yes
2	9.880	9.880	0.0673	0.2711	0.0674	11:42:36	Yes
Mean:	9.756	9.756	0.0664				
SD:	0.174	0.174	0.0012				
%RSD:	1.788	1.788	1.78				

Sequence No.: 17
Sample ID: 45774-010 MS 2
Analyst:
Autosampler Location: 17
Date Collected: 7/21/2009 11:42:37 AM
Data Type: Original

Replicate Data: 45774-010 MS 2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.852	9.852	0.0671	0.2717	0.0673	11:43:33	Yes
2	9.870	9.870	0.0672	0.2707	0.0674	11:44:05	Yes
Mean:	9.861	9.861	0.0671				
SD:	0.013	0.013	0.0001				

%RSD: 0.132 0.132 0.13

Sequence No.: 18
Sample ID: 45774-011
Analyst:

Autosampler Location: 18
Date Collected: 7/21/2009 11:44:07 AM
Data Type: Original

Replicate Data: 45774-011

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.069	-0.069	0.0000	0.0009	0.0002	11:45:02	Yes
2	-0.077	-0.077	-0.0000	-0.0015	0.0001	11:45:35	Yes
Mean:	-0.073	-0.073	-0.0000				
SD:	0.005	0.005	0.0000				
%RSD:	7.252	7.252	431.89				

Sequence No.: 19
Sample ID: 45774-012
Analyst:

Autosampler Location: 19
Date Collected: 7/21/2009 11:45:36 AM
Data Type: Original

Replicate Data: 45774-012

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	0.0004	0.0029	0.0005	11:46:36	Yes
2	-0.049	-0.049	0.0002	0.0006	0.0003	11:47:08	Yes
Mean:	-0.033	-0.033	0.0003				
SD:	0.023	0.023	0.0002				
%RSD:	68.80	68.80	57.57				

Sequence No.: 20
Sample ID: 45774-013
Analyst:

Autosampler Location: 20
Date Collected: 7/21/2009 11:47:09 AM
Data Type: Original

Replicate Data: 45774-013

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.073	-0.073	-0.0000	0.0007	0.0002	11:48:05	Yes
2	-0.076	-0.076	-0.0000	0.0003	0.0001	11:48:38	Yes
Mean:	-0.074	-0.074	-0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	2.931	2.931	87.91				

Sequence No.: 21
Sample ID: CCV
Analyst:

Autosampler Location: 9
Date Collected: 7/21/2009 11:48:39 AM
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.931	9.931	0.0676	0.2741	0.0678	11:49:36	Yes
2	9.771	9.771	0.0665	0.2690	0.0667	11:50:08	Yes
Mean:	9.851	9.851	0.0671				
SD:	0.113	0.113	0.0008				
%RSD:	1.149	1.149	1.14				

QC value within limits for Hg 253.7 Recovery = 98.51%
All analyte(s) passed QC.

Sequence No.: 22
Sample ID: CCB
Analyst:

Autosampler Location: 1
Date Collected: 7/21/2009 11:50:10 AM
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.076	-0.076	-0.0000	-0.0003	0.0001	11:51:05	Yes
2	-0.067	-0.067	0.0000	0.0006	0.0002	11:51:38	Yes
Mean:	-0.071	-0.071	0.0000				

SD:	0.006	0.006	0.0000
%RSD:	8.780	8.780	>999.9%

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 23 **Autosampler Location: 21**
Sample ID: 45774-014 **Date Collected: 7/21/2009 11:51:39 AM**
Analyst: **Data Type: Original**

Replicate Data: 45774-014

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.065	-0.065	0.0000	0.0007	0.0002	11:52:36	Yes
2	-0.061	-0.061	0.0001	0.0013	0.0003	11:53:09	Yes
Mean:	-0.063	-0.063	0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	5.367	5.367	37.89				

Sequence No.: 24 **Autosampler Location: 22**
Sample ID: 45774-016 **Date Collected: 7/21/2009 11:53:10 AM**
Analyst: **Data Type: Original**

Replicate Data: 45774-016

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	0.0003	0.0019	0.0005	11:54:06	Yes
2	-0.031	-0.031	0.0003	0.0012	0.0005	11:54:38	Yes
Mean:	-0.028	-0.028	0.0003				
SD:	0.004	0.004	0.0000				
%RSD:	15.34	15.34	9.61				

Sequence No.: 25 **Autosampler Location: 23**
Sample ID: 45774-017 **Date Collected: 7/21/2009 11:54:39 AM**
Analyst: **Data Type: Original**

Replicate Data: 45774-017

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.026	-0.026	0.0003	0.0024	0.0005	11:55:35	Yes
2	-0.042	-0.042	0.0002	0.0009	0.0004	11:56:07	Yes
Mean:	-0.034	-0.034	0.0003				
SD:	0.011	0.011	0.0001				
%RSD:	32.95	32.95	29.69				

Sequence No.: 26 **Autosampler Location: 9**
Sample ID: CCV **Date Collected: 7/21/2009 11:56:09 AM**
Analyst: **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	9.666	9.666	0.0658	0.2667	0.0660	11:57:06	Yes
2	9.719	9.719	0.0662	0.2647	0.0664	11:57:39	Yes
Mean:	9.692	9.692	0.0660				
SD:	0.037	0.037	0.0003				
%RSD:	0.387	0.387	0.38				

QC value within limits for Hg 253.7 Recovery = 96.92%
All analyte(s) passed QC.

Sequence No.: 27 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 7/21/2009 11:57:40 AM**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	-0.083	-0.083	-0.0001	-0.0005	0.0001	11:58:36	Yes
2	-0.072	-0.072	0.0000	0.0001	0.0002	11:59:08	Yes
Mean:	-0.077	-0.077	-0.0000				
SD:	0.008	0.008	0.0001				
%RSD:	10.13	10.13	148.62				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Metal Data
Digestion Logbook Data

Hampton-Clarke/Veritech

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: 3010A 3005A (3050B) 200.2 OTHER_____

Batch No.: 10390 Analyst: OA ~~18 OA~~ OA

Matrix: SOIL Prep Date: ~~07-20~~-2009 07-18-2009

Reviewed By: SB

LAB ID#	ICP		ICP-MS (Secondary dil)		TCLP		COMMENTS
	Initial	Final	Aliquot	Final	Eff	TCLP	
Method blank	50ml	50ml				--	
LCS	0.5g					--	
LCSD						--	
1. 45774-005							
MR 45774-005 OA							
MS 45774-006 OA							
MSD 45774-007 OA							
2. 45774-001							
3. 45774-002							
4. 45774-003							
5. 45774-004							
6. 45774-015							
7. 45822-002							
8. 45822-003							
9. 45822-004							
10. 45822-005	50ml						
11. 45822-008	0.5g						
12. 45356-013							
13. 45734-005							
14. 45734-006							
15. 45734-007							
16. 45734-008							
17. MMBFB	50ml						
18. LCSW							
19.							
20.							

Hot Plate Temperature:_____C (90-95° C)

	Volume mL	Lot #
LCS, LCSD	0.5g	V- 4187
LCSW	0.5ml	V- 4028, 4029
MS, MSD	0.5ml	V- 4028
	0.5ml	V- 4029

Acid	Vol mL	Lot#
HNO_3	2.5ml	V- 4204
HCl	5.0ml	V- 4171
H_2O_2	1.5ml	V- 4100

Acid	Vol mL	Lot#
1:1 HNO_3	5.0ml	V- 69443
1:1 HCl		V-

Relinquished By ~~AOA~~ OA. Date 07-20-2009

Received By ~~~ Date 7/20/09

Hampton-Clarke/Veritech

ICP SAMPLE PREPARATION LOG

ANALYTICAL METHOD: (3010A) 3005A 3050B 200.2 OTHER_____

Batch No.: 10378 Analyst: OA

Matrix: SW846 H_2O Prep Date: 07-20-2009

Reviewed By: SB

LAB ID#	ICP		ICP-MS (Secondary dil)		TCLP		COMMENTS
	Initial	Final	Aliquot	Final	Eff	TCLP	
Method blank	50mL	50mL				--	
LCS						--	
LCSD						--	
1. 45774-008							
MR 45774-008							
MS 45774-009							
MSD 45774-010							
2. 45725-023							
3. 45725-025							
4. 45725-026							
5. 45725-027							
6. 45725-028							
7. 45725-030							
8. 45725-031							
9. 45788-001							
10. 45788-002							
11. 45788-003							
12. 45774-011							
13. 45774-012							
14. 45774-013							
15. 45774-014							
16. 45774-016							
17. 45774-017							
18.							
19.							
20.							

Hot Plate Temperature: 92.6° C (90-95° C)

	Volume mL	Lot #
LCS, LCSD	0.5mL	V- 4028
	0.5mL	V- 4029
MS, MSD	0.5mL	V- 4028
	0.5mL	V- 4029

Acid	Vol mL	Lot#
HNO_3	3.0mL	V- 4204
HCl		V-
H_2O_2		V-

Acid	Vol mL	Lot#
1:1 HNO_3		V-
1:1 HCl	5.0mL	V- 69886

Relinquished By_____ Date 07-20-2009

Received By_____ Date 7/20/09

Hampton-Clarke/Veritec

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: 245.1 7470A (7471A) OTHER_____

Batch No.: 10390
Matrix: SOIL
Analyst: OA
Prep Date: 07-18-2009
Review By: JS 7/21/09

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25ml	25ml	
LCS	0.15g		
LCSD			
1. 45774-005			
MR 45774-005			
MS 45774-006			
MSD 45774-007			
2. 45774-001			
3. 45774-002			
4. 45774-003			
5. 45774-004			
6. 45774-015			
7. 45822-002			
8. 45822-003			
9. 45822-004			
10. 45822-005	25ml		
11. 45822-008	0.15g		
12. MBFB	25ml		
13. LCSW	1		
14.			
15.			
16.			
17.			
18.			
19.			
20.			

$KmnO_4$: V-	66155
$K_2S_2O_8$: V-	
NH_2OH: V-	66157

*Block Temp. :	97.6° C
Time In Block:	14:45
Time Out of Block:	15:45

Spike Volume & Lot #

☐ LCS	V-	4187	0.15g
☐ MS	V-	69745	0.250 ml
☐ Standards/Control Batch	B-	6095	

* required range = 90-95° C

Acid	Volume (mL)	Lot #:
HNO_3		V- 4204
HCl		V- 4171
H_2SO_4		V-

Relinquished By: [signature] 7/21/09

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Hampton-Clarke/Veritec

HG SAMPLE PREPARATION LOG

ANALYTICAL METHOD: 245.1 (7470A) 7471A OTHER_____

Batch No.: 10378
Matrix: SIN846 H_2O

Analyst: OA
Prep Date: 07-20-2009
Review By: JS 7/21/09

LAB ID#	MERCURY		COMMENTS
	INITIAL	FINAL	
Method blank	25ml	25ml	
LCS			
LCSD			
1. 45774-008			
MR 45774-008 OA			
MS 45774-008			
MSD 45774-010			
2. 45774-011			
3. 45774-012			
4. 45774-013			
5. 45774-014			
6. 45774-016			
7. 45774-017			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

$KmnO_4$: V-	66155
$K_2S_2O_8$: V-	66156
NH_2OH: V-	66157

*Block Temp. :	92.1 ° C
Time In Block:	13:35
Time Out of Block:	16:45

Spike Volume & Lot #

☐ LCS	V-	69821	~~0.15g~~ 0.25ml OA
☐ MS	V-	69821	0.250 ml
☐ Standards/Control Batch	B-	6103	

Acid	Volume (mL)	Lot #:
HNO_3		V- 4123
HCl		V-
H_2SO_4		V- B950

* required range = 90-95° C

Relinquished By: [signature] 7/21/09

Wet Chemistry Data

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 9071502**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	RL	Prep Date	Analysis Date	Received Date	Collect Date
AC45774-001	1-30-185-SB01	Soil	1	**96**	**Percent**			07/16/09	07/15/09	07/14/09
AC45774-002	1-30-185-SB02	Soil	1	**93**	**Percent**			07/16/09	07/15/09	07/14/09
AC45774-003	1-30-185-SB03	Soil	1	**97**	**Percent**			07/16/09	07/15/09	07/15/09
AC45774-004	1-30-185-SB04	Soil	1	**97**	**Percent**			07/16/09	07/15/09	07/14/09
AC45774-005	1-30-185-SB05	Soil	1	**97**	**Percent**			07/16/09	07/15/09	07/13/09
AC45774-006	1-30-185-SB05 M	Soil	1	**97**	**Percent**			07/16/09	07/15/09	07/13/09
AC45774-007	1-30-185-SB05 M	Soil	1	**94**	**Percent**			07/16/09	07/15/09	07/13/09
AC45774-015	1-30-185-SB-DUP	Soil	1	**95**	**Percent**			07/16/09	07/15/09	07/14/09

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Analysis Type: SOLIDS-S

Batch Number: SOLIDS-S-2890 **Units:** Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC45774-001	NA	NA	5	96.17778	NA	0.28	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC45774-001	DUP		96			96.178	1.37	12.62	12.19			07/16/09	BEEN
AC45774-001	Sample		96			96.451	1.37	12.64	12.24			07/16/09	BEEN
AC45774-002	Sample		93			92.818	1.34	12.2	11.42			07/16/09	BEEN
AC45774-003	Sample		97			97.487	1.33	12.47	12.19			07/16/09	BEEN
AC45774-004	Sample		97			97.14	1.37	12.56	12.24			07/16/09	BEEN
AC45774-005	Sample		97			96.564	1.35	12.41	12.03			07/16/09	BEEN
AC45774-006	Sample		97			97.099	1.34	12.37	12.05			07/16/09	BEEN
AC45774-007	Sample		94			94.149	1.35	12.46	11.81			07/16/09	BEEN
AC45774-015	Sample		95			95.194	1.39	12.21	11.69			07/16/09	BEEN
AC45778-001	Sample		97			96.527	1.35	12.58	12.19			07/16/09	BEEN
AC45778-002	Sample		98			98.291	1.34	13.04	12.84			07/16/09	BEEN
AC45787-001	Sample		68			68.5	1.36	12.09	8.71			07/16/09	BEEN
AC45786-001	Sample		94			93.85	1.34	12.56	11.87			07/16/09	BEEN
AC45786-002	Sample		95			95.069	1.33	12.89	12.32			07/16/09	BEEN
AC45788-004	Sample		90			89.767	1.35	12.1	11			07/16/09	BEEN
AC45788-007	Sample		87			86.903	1.35	12.65	11.17			07/16/09	BEEN
AC45788-008	Sample		72			72.007	1.34	12.45	9.34			07/16/09	BEEN
AC45788-009	Sample		87			87.354	1.35	12.5	11.09			07/16/09	BEEN
AC45788-010	Sample		86			85.894	1.35	12.48	10.91			07/16/09	BEEN
AC45789-004	Sample		73			73.14	1.38	12.4	9.44			07/16/09	BEEN
AC45789-005	Sample		74			73.67	1.36	12.26	9.39			07/16/09	BEEN

MB
7/16/09

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